HOKKAIDO UNIVERSITY

Title	Marine zooplankton metabolic data ver.2
Author(s)	Ikeda, Tsutomu
Issue Date	2019-12
Doc URL	https://hdl.handle.net/2115/76282
Type	dataset
File Information	Marine Zooplankton Metabolic Data ver. 2.pdf

Hokkaido University Collection of Scholarly and Academic Papers : HUSCAP

This is the second version (ver. 2) of Marine Zooplankton Metabolic Data, first published in 2008. Metabolic rate data, in terms of oxygen consumption, ammonia-N excretion or phosphate-P excretion, represent those determined on fresh wild zooplankton collected from various locations of the world's oceans with a sealed-chamber method (Omori and Ikeda 1984, Ikeda et al. 2000) at near *in situ* temperatures. All rate values listed are raw data, not a mean of each species being used for various statistical analyses in the papers in Reference.

Tables in the ver. 2 are more extensive than in the first version; they present more detailed entries of data collected since 2008. New entries of the data and corrections of minor typographical errors found in the first version are shown in red.

Notes for Table 1: "Subcode" is to separate the data of the same species into sex (F: female. M: male), developmental stage (juv: juvenile, C: copepodid stage for Copepoda), maturity condition, or collections of different dates and/or locations. "Taxon" was added for each "Species".

Notes for Table 2; "Depth" where zooplankton collected was represented by the midpoint of vertical ranges of the nets towed. For mesopelagic and bathypelagic zooplankton collected by using nets without closing mechanism, the depth of the epipelagic zone (200m) took into account in this calculation. In addition to "Dry mass", "carbon (C)", nitrogen (N)" and phosphorus (P)" being used as a measure of body mass in the first version, "Wet mass" and "Ash content" were given as "Supplemental data" for some species.

For readers who wish to know more details about the data of interest, please refer original papers in Reference in Table 1. I hope that the data are useful to advance our knowledge about zooplankton physiology and energetics toward better understanding of their dynamic roles in matter cycling and energy flow in marine pelagic ecosystems.

Hakodate, December 2019 Ikeda, Tsutomu

Reference

Omori M, Ikeda T (1984) Methods in marine zooplankton ecology. John Wiley and Sons Inc. USA 332p

Ikeda T, Torres JJ, Hernández-León S, Geiger SP (2000) Metabolism. 455–532. In: Harris RH et al. (eds) ICES Zooplankton Methodology Manual. Academic Press, San Diego, CA, p 455–532

Proper citation of the data: Ikeda T (2019) Marine Zooplankton Metabolic Data ver. 2. (http://hdl.handle.net/2115/76282)

Table 1. Codes, subcodes and associated data for marine zooplankton species on which metabolic rates determined. Words and numerical data in red are those newly added in the ver. 2.

Species code Old	Species code New	Subcode	Taxa	Species	Stage/sex	Sampling depth (m)	Study site	Research vessels/Institutions/Projects	Reference
1	1		Ctenophora	Beroe sp.		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
2	2		Pteropoda	Limacina antarctica		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
3	3		Pteropoda	Clione antarctica		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
4	4		Pteropoda	Cleodora sulcata		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
5	5		Polychaeta	Tomopteris carpenteri		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
6	6		Copepoda	Calanus propinquus		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
7	7		Copepoda	Metridia gerlachei		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
8	8		Amphipoda	Themisto gaudichaudii		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
9	9		Amphipoda	Vibilia propinqua		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
10	10		Amphipoda	Hyperia gaudichaudii		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
11	11		Euphausiacea	Euphausia triacantha		0–210	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
12	12		Tunicata	Ihlea recovitzai		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
13	13		Tunicata	Salpa thompsoni		0–5	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
14	14		Euphausiacea	Euphausia superba		20–50	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
15	15		Euphausiacea	Euphausia superba	gravid F	20–50	Antarctic	R/V Kaiyo Maru (Jan 1980)	Ikeda & Mitchell 1982, Mar.Biol. 71: 283–298
16	16		Coelenterata	Aglantha digitale		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
17	17		Ctenophora	Pleurobrachia pileus		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
18	18		Ctenophora	Beroe cucumis		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
19	19		Pteropoda	Limacina helicina		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
20	20		Pteropoda	Clione limacina		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
21	21		Ostracoda	Philomedes interpuncta		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
22	22		Copepoda	Neocalanus cristatus	C5	0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
23	23		Copepoda	Neocalanus plumchrus	C4	0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
24	24		Copepoda	Neocalanus plumchrus	C5	0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
25	25		Copepoda	Eucalanus bungii	C6F	0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
26	26		Copepoda	Pseudocalanus elongatus		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
27	27		Copepoda	Metridia pacifica		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
28	28		Copepoda	Acartia longiremis		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
29	29		Copepoda	Tortanus discaudatus		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
30	30		Mysidacea	Siriella sp.		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
31	31		Mysidacea	Acanthomysis sp.		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
32	32		Cumacea	Leptocuma sp.		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
33	33		Cumacea	Diastylis sp.		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
34	34		Amphipoda	Themisto japonica		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
35	35		Euphausiacea	Euphausia pacifica	late Furcilia	0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
36	36		Euphausiacea	Euphausia pacifica		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
37	37		Euphausiacea	Thysanoessa longipes		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
	38		Decapoda	Macruran larva		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
	39		Decapoda	Eualus gracilirostris		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
38	40		Chaetognatha	Sagitta elegans		0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
39	41		Pisces	Ammodytes sp.	juv	0–5	WN. Pacific	Usujiri Marine Station (May–June 1971)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
40	42		Copepoda	Metridia pacifica		0–5	EN. Pacific	CEPEX Patricia Bay Station (July 1975)	Ikeda, unpublished
41	43		Euphausiacea	Euphausia pacifica		0–5	EN. Pacific	CEPEX Patricia Bay Station (July 1975)	Ikeda, unpublished
42	44		Amphipoda	Cyphocaris challengeri		0–5	EN. Pacific	CEPEX Patricia Bay Station (July 1975)	Ikeda, unpublished
43	45		Euphausiacea	Euphausia pacifica		0–5	EN. Pacific	CEPEX Patricia Bay Station (July 1975)	Ikeda, unpublished
44	46		Coelenterata	Rathkea octopuncta		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
45	47		Coelenterata	Aglantha digitale		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
46	48		Ctenophora	Beroe cucumis		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
47	49		Pteropoda	Limacina helicina		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
48	50		Gastropoda	Veliger larva		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
49	51		Polychaeta	Polynoe larva		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
50	52		Copepoda	Mesocalanus tenuicornis		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
51	53		Copepoda	Neocalanus plumchrus		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
52	54		Copepoda	Paracalanus parvus		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
53	55		Copepoda	Centropages abdominaris		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
54	56		Copepoda	Pseudodiaptomus marinus		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
55	57		Copepoda	Acartia clausi		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
56	58		Copepoda	Tortanus discaudatus		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
57	59		Copepoda	Cyclopina longicornis		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
58	60		Copepoda	Macrosetella sp.		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
59	61		Cumacea	Lamprops sp.		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
60	62		Decapoda	Corophium uenoi		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
61	63		Decapoda	Macruran mysis larva		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
62	64		Decapoda	Brachuran zoea larva		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97

63	65		Chaetognatha	Sagitta minima		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
64	66		Appendicularia	Oikppleura dioika		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
65	67		Pisces	Callionymus sp.	juv	0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
66	68		Pisces	Hexagrammos otakii	juv	0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
67	69		Ctenophora	Beroe cucumis		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
68	70		Copepoda	Neocalanus plumchrus		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
69	71		Copepoda	Acartia clausi		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
70	72		Mysidacea	Acanthomysis pseudomacropsis		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
71	73		Cumacea	Lampropsis sp.		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
72	74		Chaetognatha	Sagitta minima		0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
73	75		Pisces	Scombresocidae sp.	juv	0–5	NE. Japan Sea	Oshoro Marine Station (June–July 1970)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
74	76		Heteropoda	Oxygyrus keraudreni		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
75	77		Pteropoda	Euclio cuspidata		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
76	78		Pteropoda	Cavolinia globulosa		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
77	79		Pteropoda	Cavolinia uncinata		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
78	80		Polychaeta	Naiades cantrainii		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
79	81		Copepoda	Neocalanus gracilis	C6F	0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
80	82		Copepoda	Centropages brachiatus		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
81	83		Amphipoda	Scina cornigera		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
82	84		Amphipoda	Phronima sedentaria		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
83	85		Euphausiacea	Euphausia krohnii		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
84	86		Tunicata	Thalia democratica		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
85	87		Tunicata	Salpa fusiformis		0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
86	88		Pisces	Ranzania laevis	larvae	0–5	Subtopical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
87	89		Copepoda	Acartia tonsa		0–5	Subtropical	RSMAS, Univ Miami (Dec 1975)	Ikeda unpublished
88	90		Chaetognatha	Sagitta hispida		0–5	Subtropical	RSMAS, Univ Miami (Dec 1975)	Ikeda unpublished
89	91		Copepoda	Undinula vulgaris		0–5	Subtropical	RSMAS, Univ Miami (Dec 1975)	Ikeda unpublished
90	92		Copepoda	Euchaeta marina		0–5	Subtropical	RSMAS, Univ Miami (Dec 1975)	Ikeda unpublished
91	93		Chaetognatha	Sagitta hispida		0–5	Subtropical	RSMAS, Univ Miami (Dec 1975)	Ikeda unpublished
92	94		Copepoda	Labidocera sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
93	95		Copepoda	Eucalanus subcrassus	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
94	96		Decapoda	Decapod larva		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
95	97		Copepoda	Eucalanus subcrassus	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
96	98		Decapoda	Decapod larva		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
97	99		Chaetognatha	Sagitta spp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
98	100		Decapoda	Phyllosoma larva		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
99	101		Decapoda	Zoea larva		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
100	102		Copepoda	Centropages furcatus		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
101	103		Copepoda	Calanopia elliptica	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
102	104		Copepoda	Copepods, unidentified		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
103	105		Copepoda	Calanopia elliptica	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
104	106		Copepoda	Copepods, unidentified		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
105	107		Coelenterata	Diphyes sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
106	108		Ctenophora	Pleurobrachia sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
107	109		Copepoda	Centropages furcatus	C6M	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
108	110		Copepoda	Acartia pacifica	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
109	111		Copepoda	Calanopia elliptica	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
110	112		Chaetognatha	Sagitta sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
111	113		Copepoda	Eucalanus subcrassus	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
112	114		Coelenterata	Diphyes sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
113	115		Ctenophora	Pleurobrachia sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
114	116		Appendicularia	Oikopleura sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
115	117		Copepoda	Eucalanus subcrassus	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
116	118		Copepoda	Calanopia elliptica	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
117	119		Copepoda	Eucalanus subcrassus		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
118	120		Copepoda	Calanopia elliptica	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
119	121		Copepoda	Eucalanus subcrassus		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
120	122		Copepoda	Centropages furcatus	C6M	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
121	123		Copepoda	Paracalanus parvus		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
122	124		Chaetognatha	Sagitta sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
123	125		Copepoda	Tortaus gracilis	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
124	126		Decapoda	Alima larva		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
125	127		Copepoda	Paracalanus parvus		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
126	128		Copepoda	Temora turbinata		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
127	129		Copepoda	Acrocalanus gibber		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
128	130		Decapoda	Zoea larva		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
129	131		Gastropoda	Veliger larva		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
130	132		Copepoda	Labidocera sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(

131	133		Ctenophora	Pleurobrachia sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
132	134		Copepoda	Corycaeus sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
133	135		Copepoda	small copepods		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
134	136		Copepoda	Acrocalanus gibber		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
135	137		Chaetognatha	Sagitta sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
136	138		Copepoda	Labidocera sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
137	139		Copepoda	Tortanus gracilis	C6F	0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
138	140		Pteropoda	Cavolinia longirostris		0–5	Subtropical	AIMS (June 1978)	Ikeda, unpublished
139	141		Chaetognatha	Sagitta enflata		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
140	142		Copepoda	Acartia pacifica		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
141	143		Copepoda	Calanopia elliptica		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
142	144		Copepoda	Tortanus gracilis		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
143	145		Coelenterata	Diphyes sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
144	146		Ctenophora	Pleurobrachia sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
145	147		Copepoda	Eucalanus subcrassus		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
146	148		Copepoda	Labidocera sp.		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
147	149		Decapoda	Mysis larva		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
148	150		Pteropoda	Creceis acicula		0–5	Subtropical	AIMS (June 1978)	Ikeda, unpublished
149	151		Copepoda	Acartia australis		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
150	152		Decapoda	Acetes australis		0–5	Subtropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
151	153		Coelenterata	Liriope tetraphylla		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
152	154		Coelenterata	Diphyes dispar		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
153	155		Coelenterata	Diphyes sp.		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
154	156		Coelenterata	Abyla lenckarti		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
155	157		Coelenterata	Crystallomia sp.		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
156	158		Heteropoda	Cardiopoda sublaevis		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
157	159		Pteropoda	Diacrea trispinosa		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
158	160		Pteropoda	Cavolinia globulosa		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
159	161		Pteropoda	Hydromyles globulosa		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
160	162		Polychaeta	Tomopteris sp.		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
161	163		Copepoda	Nannocalanus minor		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
162	164		Copepoda	Neocalanus gracilis		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
163	165		Copepoda	Neocalanus robustior		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
164	166		Copepoda	Undinulla darwinii		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
165	167		Copepoda	Undinulla vulgaris		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
166	168		Copepoda	Eucalanus attenuatus		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
167	169		Copepoda	Euchaeta flava		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
168	170		Copepoda	Pleuromamma robusta		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
169	171		Copepoda	Candacia aethiopica		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
170	172		Copepoda	Labidocera acuta		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
171	173		Copepoda	Labidocera nerii		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
172	174		Copepoda	Pontella danae		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
173	175		Mysidacea	Siriera thompsoni		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
174	176		Amphipoda	Vibilia sp.		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
175	177		Amphipoda	Phronima sedentaria		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
176	178		Amphipoda	Hemityphis tenuimanus		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
177	179		Amphipoda	Thamneus platyrrhynchus		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
178	180		Amphipoda	Oxycephalus porcellus		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
179	181		Euphausiacea	Furcilia larva		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
180	182		Euphausiacea	Euphausia diomedeae		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
181	183		Euphausiacea	Euphausia tenera		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
182	184		Decapoda	Phyllosoma larva		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
183	185		Decapoda	Peurulus larva		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
184	186		Decapoda	Megalopa larva A		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
185	187		Decapoda	Megalopa larva B		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
186	188		Decapoda	Megalopa larva C		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
187	189		Decapoda	Portunidae sp.		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
188	190		Stomatopoda	Coronidericthus larva		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
189	191		Stomatopoda	Alima larva		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
190	192		Chaetognatha	Sagitta enflata		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
191	193		Chaetognatha	Sagitta bipunctata		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
192	194		Chaetognatha	Sagitta robusta		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
193	195		Chaetognatha	Sagitta serratodentata		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
194	196		Tunicata	Iasis zonaria		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
195	197		Tunicata	Pegea confoederata		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
196	198		Tunicata	Salpa fusiformis		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
197	199		Tunicata	Pyrosoma verticillatum		0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
198	200		Pisces	Cypselurus sp.	juv	0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97

199	201		Pisces	Galeoides sp.	juv	0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
200	202		Pisces	Longirostrum delicatissimus	juv	0–5	Tropical	R/V Kaiyo Maru (Oct 1971–Mar.1972)	Ikeda 1974. Mem Fac. Fish. Hokkaido Univ. 22: 1–97
201	203		Copepoda	Eucalanus subcrassus	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
202	204		Copepoda	Tortanus gracilis	C6M	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
203	205		Copepoda	Centropages furcatus	C6M	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
204	206		Copepoda	Paracalanus aculeatus		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
205	207		Copepoda	Acrocalanus gibber	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
206	208		Chaetognatha	Sagitta sp.		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
207	209		Copepoda	Pontella sp.		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
208	210		Copepoda	Acrocalanus gibber	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
209	211		Ctenophora	Pleurobrachia sp.		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
210	212		Chaetognatha	Sagitta sp.		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
211	213		Decapoda	Zoea larva		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
212	214		Copepoda	Centropages furcatus	C6M	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
213	215		Copepoda	Temora turbinata		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
214	216		Decapoda	Lucifer sp.		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
215	217		Decapoda	Mysis larva		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
216	218		Copepoda	Eucalanus subcrassus	C6M	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
217	219		Copepoda	Temora turbinata		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
218	220		Copepoda	Eucalanus subcrassus	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
219	221		Copepoda	Calanopia elliptica	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
220	222		Copepoda	Acartia australis		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
221	223		Copepoda	Paracalanus aculeatus		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
222	224		Copepoda	Corycaeus sp.		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
223	225		Polychaeta	Polychaete larva		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
224	226		Copepoda	Labidocera sp.	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
225	227		Decapoda	Lucifer sp.		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
226	228		Decapoda	Mysis larva		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
227	229		Polychaeta	Polychaete larva		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
228	230		Polychaeta	Polychaete larva		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
229	231		Copepoda	Calanopia elliptica	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
230	232		Copepoda	Acartia pacifica		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
231	233		Chetognatha	Sagitta sp.		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
232	234		Copepoda	Calanopia elliptica	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
233	235		Ctenophora	Pleurobrachia sp.		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
234	236		Copepoda	Eucalanus subcrassus	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
235	237		Copepoda	Copepods, unidentified		0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
236	238		Copepoda	Eucalanus subcrassus	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
237	239		Copepoda	Acartia pacifica	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
238	240		Copepoda	Acrocalanus gibber	C6F	0–5	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, Hing Fay, Hutchinson & Boto 1982. Aust. J. Mar. Freshw. Res. 33: 55–7(
239	241		Copepoda	Copepod nauplii, copepodids		0–2	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda, unpublished
240	242		Copepoda	Copepod nauplii		0–2	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda 1979. J. Oceanogr. 35:1–8
241	243		Protozoa	Protozoans		0–2	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda 1979. J. Oceanogr. 35:1–8
242	244		Copepoda	Copepod nauplii, copepodids		0–2	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda 1979. J. Oceanogr. 35:1–8
243	245		Copepoda	Copepod nauplii, copepodids		0–2	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda 1979. J. Oceanogr. 35:1–8
244	246		Copepoda	Copepod nauplii		0–2	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda 1979. J. Oceanogr. 35:1–8
245	247		Copepoda	Copepod nauplii, copepodids		0–2	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda 1979. J. Oceanogr. 35:1–8
246	248		Copepoda	Copepod nauplii, copepodids		0–2	Tropical	AIMS (May–Oct 1977, 1978)	Ikeda 1979. J. Oceanogr. 35:1–8
247	249		Euphausiacea	Thysanoessa macrura	juv	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda, unpublished
248	250		Copepoda	Calanoides acutus	C5	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda, Kanno, Ozaki & Shinada 2001. Mar. Biol. 139: 587–596
249	251		Copepoda	Calanoides acutus	C4-C5	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda, Kanno, Ozaki & Shinada 2001. Mar. Biol. 139: 587–596
250	252		Euphausiacea	Euphausia superba	F1	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda 1981. Antarct J. U.S. 16: 161–162
251	253	A	Euphausiacea	Euphausia superba	C1-C2	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda 1981. Antarct J. U.S. 16: 161–162
252	253	B	Euphausiacea	Euphausia superba	C3	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda 1981. Antarct J. U.S. 16: 161–162
253	253	C	Euphausiacea	Euphausia superba	C2	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda 1981. Antarct J. U.S. 16: 161–162
254	253	D	Euphausiacea	Euphausia superba	F1-F3	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda 1981. Antarct J. U.S. 16: 161–162
255	253	E	Euphausiacea	Euphausia superba	C3-F2	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda 1981. Antarct J. U.S. 16: 161–162
256	253	F	Euphausiacea	Euphausia superba	F1-F2	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda 1981. Antarct J. U.S. 16: 161–162
257	253	G	Euphausiacea	Euphausia superba	F4-F5	surface	Antarctic	R/V Melville (Jan–Mar 1981)	Ikeda 1981. Antarct J. U.S. 16: 161–162
260	254		Copepoda	Calanus finmarchicus	C6F	0–100	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
261	255		Copepoda	Calanus glacialis	C6F	0–100	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
262	256	a	Copepoda	Calanus hyperboreus	C6F	0–100	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
262	256	b	Copepoda	Calanus hyperboreus	C5	0–100	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
262	256	c	Copepoda	Calanus hyperboreus C5	C5(bloom)	0–100	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
263	257		Copepoda	Metridia longa	C6F	0–100	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
264	258		Copepoda	Rhincalanus gigas		surface	Antarctic	Nella Dan (Nov-Dec 1982)	Ikeda, unpublished
265	259		Coelenterata	Aglantha digitale		0–200	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
266	260		Pteropoda	Limacina helicina		0–150	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183

267	261		Pteropoda	Clione limacina		0–100	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
268	262		Amphipoda	Themisto libellula		35–60	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
269	263		Euphausiacea	Thysanoessa inermis		0–100	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
270	264		Chaetognatha	Sagitta elegans		0–100	Barents Sea	R/V G.O. Sars (May–June 1987)	Ikeda & Skjoldal 1989. Mar. Biol. 100: 173–183
272	265		Euphausiacea	Thysanoessa macrura		0–50	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda 2013. Mar. Biol. 160: 251–262
273	266		Thaliacea	Salpa thompsoni		surface	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda & Bruce 1986. Mar. Biol. 92: 545–555
274	267		Ctenophora	Beroe sp.		<100	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda & Bruce 1986. Mar. Biol. 92: 545–555
275	268		Ctenophora	Mertensiidae sp.		0–50	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda & Bruce 1986. Mar. Biol. 92: 545–555
276	269		Cephalopoda	Psychroteuthis sp.		0–40	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda & Bruce 1986. Mar. Biol. 92: 545–555
277	270		Euphausiacea	Euphausia crystallorophias		0–100	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda & Bruce 1986. Mar. Biol. 92: 545–555
	271	A	Euphausiacea	Eupahusia superba	gravid F	0–20	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda & Bruce 1986. Mar. Biol. 92: 545–555
	271	B	Euphausiacea	Eupahusia superba		0–20	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda & Bruce 1986. Mar. Biol. 92: 545–555
	272		Mysidacea	Antarctomysis maxima		0–120	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda & Bruce 1986. Mar. Biol. 92: 545–555
	273		Decapoda	Chorismus antarcticus		0–110	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda & Bruce 1986. Mar. Biol. 92: 545–555
	274		Amphipoda	Eusirus microps		0–110	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda,unpublished
	275		Pteropoda	Spongiobranchaea australis		0–180	Antarctic	M/V Nella Dan (Nov–Dec 1982)	Ikeda,unpublished
	276		Euphausiacea	Euphausia superba		0–50	Antarctic	M/V Nella Dan (Jan–Feb 1984 ADBEX II)	Ikeda,unpublished
278	277		Euphausiacea	Thysanoessa macrura		0–1000	Antarctic	M/V Nella Dan (Jan–Feb 1984 ADBEX II)	Ikeda,unpublished
278	278	A1	Euphausiacea	Euphausia crystallorophias	Furcilia	Under-ice	Antarctic	M/V Nella Dan (Nov 1985, ADBEX III)	Ikeda & Kirkwood 1989. Mar. Biol. 100: 301–308
278	278	A2	Euphausiacea	Euphausia crystallorophias	gravid F	Under-ice	Antarctic	M/V Nella Dan (Nov 1985, ADBEX III)	Ikeda & Kirkwood 1989. Mar. Biol. 100: 301–308
278	278	A3	Euphausiacea	Euphausia crystallorophias	juv	Under-ice	Antarctic	M/V Nella Dan (Nov 1985, ADBEX III)	Ikeda & Kirkwood 1989. Mar. Biol. 100: 301–308
278	279	B1	Euphausiacea	Euphausia superba	gravid F	Under-ice	Antarctic	M/V Nella Dan (Nov 1985, ADBEX III)	Ikeda & Kirkwood 1989. Mar. Biol. 100: 301–308
278	279	B2	Euphausiacea	Euphausia superba	M	Under-ice	Antarctic	M/V Nella Dan (Nov 1985, ADBEX III)	Ikeda & Kirkwood 1989. Mar. Biol. 100: 301–308
278	279	B3	Euphausiacea	Euphausia superba	juv	Under-ice	Antarctic	M/V Nella Dan (Nov 1985, ADBEX III)	Ikeda & Kirkwood 1989. Mar. Biol. 100: 301–308
279	280		Copepoda	Calanus propinquus		45–55	Antarctic	M/V Nella Dan (Sept–Dec 1985, ADBEX III)	Ikeda,unpublished
280	281		Coelenterata	Calycopsis borchgrevinki		0–1000	Antarctic	M/V Nella Dan (Sept–Dec 1985, ADBEX III)	Ikeda,unpublished
281	282		Cephalopoda	Chrenchiinae sp.		200–1000	Antarctic	M/V Nella Dan (Sept–Dec 1985, ADBEX III)	Ikeda,unpublished
282	283		Coelenterata	Diphyes antarctica?		0–200	Antarctic	M/V Nella Dan (Sept–Dec 1985, ADBEX III)	Ikeda,unpublished
283	284		Chaetognatha	Sagitta gazelle		<100	Antarctic	M/V Nella Dan (Sept–Dec 1985, ADBEX III)	Ikeda & Kirkwood 1989, Mar. Biol. 100: 261–267
284	285	1	Ostracoda	Gigantocypris muelleri		0–1000	Antarctic	M/V Nella Dan (Sept–Dec 1985, ADBEX III)	Ikeda 1988. Deep-Sea Res. 35: 1991–2002
284	285	2	Ostracoda	Gigantocypris muelleri		0–1000	Antarctic	M/V Nella Dan (Dec. 1984–Feb.1985, SIBEX II)	Ikeda 1988. Deep-Sea Res. 35: 1991–2002
285	286		Decapoda	Pasiphaea scotiae		0–1000	Antarctic	M/V Nella Dan (Dec. 1984–Feb.1985, SIBEX II)	Ikeda 1988. Deep-Sea Res. 35: 1991–2002
286	287		Decapoda	Gennadas kempi/Petalidium foliaceum		0–1000	Antarctic	M/V Nella Dan (Dec. 1984–Feb.1985, SIBEX II)	Ikeda 1988. Deep-Sea Res. 35: 1991–2002
287	288		Euphausiacea	Euphausia tricantha		0–1000	Antarctic	M/V Nella Dan (Dec. 1984–Feb.1985, SIBEX II)	Ikeda 1988. Deep-Sea Res. 35: 1991–2002
288	289		Amphipoda	Cyphocaris sp.		0–1000	Antarctic	M/V Nella Dan (Dec. 1984–Feb.1985, SIBEX II)	Ikeda 1988. Deep-Sea Res. 35: 1991–2002
289	290		Mysidacea	Gnathophausia gigas		0–1000	Antarctic	M/V Nella Dan (Dec. 1984–Feb.1985, SIBEX II)	Ikeda 1988. Deep-Sea Res. 35: 1991–2002
290	291		Cephalopoda	Cranchia sp.		0–1000	Antarctic	M/V Nella Dan (Dec. 1984–Feb.1985, SIBEX II)	Ikeda 2016. J. Exp. Mar. Biol. Ecol. 480: 74–86
291	292		Mysidacea	Meterythropsis microphthalma		550	Japan Sea	R/V Mizuho Maru (May 1989)	Ikeda 1991, J. Oceanogr. 47: 94–103
292	293		Ctenophora	Beroe abyssicola		400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
293	294		Copepoda	Neocalanus cristatus	C5	400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
294	295	A	Copepoda	Gaidius variabilis	C6F	400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
294	295	B	Copepoda	Gaidius variabilis	C5M	400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
295	296	A	Copepoda	Paraeuchaeta elongata	C6F	400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
295	296	B	Copepoda	Paraeuchaeta elongata	C5	400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
296	297		Copepoda	Metridia pacifica	C6F	400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
297	298		Amphipoda	Themisto japonica	F	400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
298	299	A	Amphipoda	Primno abyssalis	F	400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
298	299	B	Amphipoda	Primno abyssalis	gravid F	400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
299	300		Chaetognatha	Sagitta elegans		400–700	Japan Sea	R/V Mizuho Maru (Sept 1990–Mar 1992)	Ikeda & Hirakawa 1998. Plankton Biol. Ecol. 45: 31–44
	301	A	Euphausiacea	Euphausia pacifica	F	0–200	Oyashio region	T/S Oshoro Maru (Dec 2006)	Kim & Ikeda, unpublished
	301	B	Euphausiacea	Euphausia pacifica	M	0–200	Oyashio region	T/S Oshoro Maru (Dec 2006)	Kim & Ikeda, unpublished
	301	C	Euphausiacea	Euphausia pacifica	F	0–200	Oyashio region	T/S Oshoro Maru (Mar 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	301	D	Euphausiacea	Euphausia pacifica	M	0–200	Oyashio region	T/S Oshoro Maru (Mar 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	301	E	Euphausiacea	Euphausia pacifica	F	0–200	Oyashio region	R/V Hakuho Maru (Apr 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	301	F	Euphausiacea	Euphausia pacifica	F spawning	0–200	Oyashio region	R/V Hakuho Maru (Apr 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	301	G	Euphausiacea	Euphausia pacifica	M	0–200	Oyashio region	R/V Hakuho Maru (Apr 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	302	A	Euphausiacea	Thysanoessa spinifera	F	0–200	Oyashio region	T/S Oshoro Maru (Dec 2005)	Kim & Ikeda, unpublished
	302	B	Euphausiacea	Thysanoessa spinifera	F spawning	0–200	Oyashio region	T/S Oshoro Maru (Dec 2005)	Kim & Ikeda, unpublished
	302	C	Euphausiacea	Thysanoessa spinifera	M	0–200	Oyashio region	T/S Oshoro Maru (Dec 2005)	Kim & Ikeda, unpublished
	302	D	Euphausiacea	Thysanoessa spinifera	F	0–200	Oyashio region	T/S Oshoro Maru (Mar 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	302	E	Euphausiacea	Thysanoessa spinifera	M	0–200	Oyashio region	T/S Oshoro Maru (Mar 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	302	F	Euphausiacea	Thysanoessa spinifera	F	0–200	Oyashio region	R/V Hakuho Maru (Apr 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	302	G	Euphausiacea	Thysanoessa spinifera	F spawning	0–200	Oyashio region	R/V Hakuho Maru (Apr 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	302	M	Euphausiacea	Thysanoessa spinifera	M	0–200	Oyashio region	R/V Hakuho Maru (Apr 2007)	Kim, Yamaguchi & Ikeda 2010. Deep-Sea Res. II 57: 1733–1741
	303	D1	Copepoda	Neocalanus cristatus	C5, diapouse	1000–2000	Oyashio region	T/S Hokusei Maru (Jul 2000)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	D2	Copepoda	Neocalanus cristatus	C5, diapouse	1000–2000	Oyashio region	T/S Hokusei Maru (Aug 2000)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	D3	Copepoda	Neocalanus cristatus	C5, diapouse	1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2001)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	D4	Copepoda	Neocalanus cristatus	C5, diapouse	1000–2000	Oyashio region	T/S Hokusei Maru (Jul 2001)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190

	303	D5	Copepoda	Neocalanus cristatus	C5, diapouse	1000–2000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	D5(100atm)	Copepoda	Neocalanus cristatus	C5, diapouse	1000–2000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	D5(100atm)	Copepoda	Neocalanus cristatus	C5, diapouse	1000–2000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	D6	Copepoda	Neocalanus cristatus	C6F	1000–2000	Oyashio region	T/S Hokusei Maru (Jul 2001)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	D7	Copepoda	Neocalanus cristatus	C6F	1000–2000	Oyashio region	T/S Oshoro Maru (Dec 2002)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	D18	Copepoda	Neocalanus cristatus	C6M	1000–2000	Oyashio region	T/S Hokusei Maru (Jul 2001)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	D19	Copepoda	Neocalanus cristatus	C6M	1000–2000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	S1	Copepoda	Neocalanus cristatus	C5	25–250	Oyashio region	T/S Oshoro Maru (Aug 2000)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	S2	Copepoda	Neocalanus cristatus	C5	0–100	Oyashio region	T/S Oshoro Maru (Mar 2001)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	S3	Copepoda	Neocalanus cristatus	C5	0–50	Oyashio region	T/S Hokusei Maru (Jul 2001)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	S4	Copepoda	Neocalanus cristatus	C5	0–250	Oyashio region	T/S Oshoro Maru (Mar 2002)	Ikeda, Sano & Yamaguchi 2004. Mar. Biol. 145: 1181–1190
	303	a	Copepoda	Neocalanus cristatus	C4	0–150	Oyashio region	T/S Oshoro Maru (Mar 2006), pre-bloom	Ikeda, unpublishd
	303	b	Copepoda	Neocalanus cristatus	C5	0–150	Oyashio region	T/S Oshoro Maru (Mar 2006), pre-bloom	Ikeda, unpublishd
	303	c	Copepoda	Neocalanus cristatus	C5	0–150	Oyashio region	R/V Hakuho Maru (Apr 2006), bloom	Ikeda, unpublishd
	304	a	Copepoda	Neocalanus flemingeri	C5	0–150	Oyashio region	R/V Hakuho Maru (Apr 2006), bloom	Ikeda, unpublishd
	304	b	Copepoda	Neocalanus flemingeri	C5	0–150	Oyashio region	R/V Hakuho Maru (Apr 2006), bloom	Ikeda, unpublishd
	305	a	Copepoda	Neocalanus plumchrus	C5	0–500	Oyashio region	T/S Oshoro Maru (Jul 2003)	Ikeda, unpublishd
	305	b	Copepoda	Neocalanus plumchrus	C5	0–30	Oyashio region	T/S Oshoro Maru (Jul 2003)	Ikeda, unpublishd
	306		Copepoda	Eucalanus bungii	C6F	0–150	Oyashio region	R/V Hakuho Maru (Apr 2006), bloom	Ikeda, unpublishd
	307		Copepoda	Calanus marshallae	C5	0–30	N.Pacific	T/S Oshoro Maru (Jul 2003)	Sano & Ikeda, unpublishd
	308		Copepoda	Neocalanus cristatus	C5	0–150	N.Pacific	T/S Oshoro Maru (Jul 2003)	Sano & Ikeda, unpublishd
	309	a	Copepoda	Neocalanus plumchrus	C5	0–150	N.Pacific	T/S Oshoro Maru (Jul 2003)	Sano & Ikeda, unpublishd
	309	b	Copepoda	Neocalanus plumchrus	C5	0–30	N.Pacific	T/S Oshoro Maru (Jul 2003)	Sano & Ikeda, unpublishd
	310		Copepoda	Mesocalanus tenuicornis	C6F	0–30	N.Pacific	T/S Oshoro Maru (Aug 2003)	Sano & Ikeda, unpublishd
	311	a	Copepoda	Metridia pacifica	C6F	0–270	N.Pacific	T/S Oshoro Maru (Jul 2003)	Sano & Ikeda, unpublishd
	311	b	Copepoda	Metridia pacifica	C6F	0–150	N.Pacific	T/S Oshoro Maru (Jul 2003)	Sano & Ikeda, unpublishd
	312	a	Copepoda	Pleuromamma scutullata	C6F	0–150	N.Pacific	T/S Oshoro Maru (Jul 2003)	Sano & Ikeda, unpublishd
	312	b	Copepoda	Pleuromamma scutullata	C6F	0–200	N.Pacific	T/S Oshoro Maru (Jul 2003)	Sano & Ikeda, unpublishd
	313		Copepoda	Pleuromamma abdminalis	C6F	0–200	N.Pacific	T/S Oshoro Maru (Aug 2003)	Sano & Ikeda, unpublishd
	314		Copepoda	Pleuromamma xiphias	C6F	0–200	N.Pacific	T/S Oshoro Maru (Aug 2003)	Sano & Ikeda, unpublishd
	315	a	Copepoda	Gaetanus simplex	C6F	0–150	N.Pacific	T/S Oshoro Maru (Jul 2003)	Sano & Ikeda, unpublishd
	315	b	Copepoda	Gaetanus simplex	C6F	0–200	N.Pacific	T/S Oshoro Maru (Aug 2003)	Sano & Ikeda, unpublishd
	316	a	Copepoda	Euchaeta marina	C6F	0–200	N.Pacific	T/S Oshoro Maru (Aug 2003)	Sano & Ikeda, unpublishd
	316	b	Copepoda	Euchaeta marina	C6F	0–30	N.Pacific	T/S Oshoro Maru (Aug 2003)	Sano & Ikeda, unpublishd
	317	a	Copepoda	Candacia bipinnata	C6F	0–200	N.Pacific	T/S Oshoro Maru (Aug 2003)	Sano & Ikeda, unpublishd
	317	b	Copepoda	Candacia bipinnata	C6F	0–30	N.Pacific	T/S Oshoro Maru (Aug 2003)	Sano & Ikeda, unpublishd
	318		Copepoda	Candacia clombiae	C6F	0–200	N.Pacific	T/S Oshoro Maru (Aug 2003)	Sano & Ikeda, unpublishd
	319		Decapoda	Acanthephyra sp.?		500–1000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda 2012. J Oceanogr. 68: 641–649
	320		Mysidacea	Acanthomysis sp.		500–1000	Oyashio region	T/S Oshoro Maru (Mar 2005)	Ikeda 2012. J Oceanogr. 68: 641–649
	321		Decapoda	Acanthephyra quadrispinosa		1000–2000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	322		Coelenterata	Aglantha digitale		0–250	Oyashio region	T/S Oshoro Maru (Mar 2006)	Ikeda, unpublished
	323		Euphausiacea	Bentheuphausia amblyosis		3000–5000	Oyashio region	R/V Tansei Maru (May 2005)	Ikeda 2012. J Oceanogr. 68: 641–649
	324		Amphipoda	Chuneola spinifera?		3000–5000	Oyashio region	R/V Tansei Maru (Aug 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	325		Ostracoda	Conchoecia haddoni	F	1000–2000	Oyashio region	T/S Oshoro Maru (Jun 2002)	Ikeda 2012. J Oceanogr. 68: 641–649
	325		Ostracoda	Conchoecia haddoni	F	1000–2000	Oyashio region	T/S Oshoro Maru (Jun 2002)	Ikeda 2012. J Oceanogr. 68: 641–649
	326	a	Ostracoda	Conchoecissa ametera		1000–2000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	326	b	Ostracoda	Concoesissa ametera		3000–3700	Oyashio region	T/S Oshoro Maru (Mar 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	326	c	Ostracoda	Conchoecissa ametera	juv	2000–3000	Oyashio region	T/S Oshoro Maru (Feb 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	326	d	Ostracoda	Conchoecissa ametera	F	2000–3000	Oyashio region	T/S Oshoro Maru (Feb 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	326	e	Ostracoda	Conchoecissa ametera	M	2000–3000	Oyashio region	T/S Oshoro Maru (Feb 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	327		Coelenterata	Crossota sp.		500–1000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	328		Amphipoda	Cyphocaris sp.		500–1000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda 2012. J Oceanogr. 68: 641–649
	329	a	Mysidacea	Eucopia australis		500–1000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	329	b	Mysidacea	Eucopia australis		500–1000	Oyashio region	T/S Oshoro Maru (Mar 2005)	Ikeda 2012. J Oceanogr. 68: 641–649
	329	c	Mysidacea	Eucopia australis	F	1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2006)	Ikeda 2012. J Oceanogr. 68: 641–649
	329	d	Mysidacea	Eucopia australis	juv	500–1000	Oyashio region	T/S Oshoro Maru (Mar 2006)	Ikeda 2012. J Oceanogr. 68: 641–649
	330		Mysidacea	Eucopia grimaldii		1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2005)	Ikeda 2012. J Oceanogr. 68: 641–649
	331	a	Euphausiacea	Euphausia calyptopis		3000–5000	Oyashio region	R/V Tansei Maru (Aug 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	331	b	Euphausiacea	Euphausiid calyptopis		3000–5000	Oyashio region	R/V Tansei Maru (May 2005)	Ikeda 2012. J Oceanogr. 68: 641–649
	332		Amphipoda	Gammaridea sp.		500–1000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda 2012. J Oceanogr. 68: 641–649
	333	a	Decapoda	Hymenodora frontalis		500–1000	Oyashio region	T/S Oshoro Maru (Mar 2003)	Ikeda 2012. J Oceanogr. 68: 641–649
	333	b	Decapoda	Hymenodora frontalis		500–1000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	333	c	Decapoda	Hymenodora frontalis		500–1000	Oyashio region	T/S Oshoro Maru (Mar 2005)	Ikeda 2012. J Oceanogr. 68: 641–649
	334	a	Amphipoda	Lanceola loveni		1000–2000	Oyashio region	T/S Oshoro Maru (June 2002)	Ikeda 2012. J Oceanogr. 68: 641–649
	334	b	Amphipoda	Lanceola loveni		1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	334	c	Amphipoda	Lanceola loveni		1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2005)	Ikeda 2012. J Oceanogr. 68: 641–649
	334	d	Amphipoda	Lanceola loveni		1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2006)	Ikeda 2012. J Oceanogr. 68: 641–649
	335		Mysidacea	Longithorax fuscus		500–1000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda 2012. J Oceanogr. 68: 641–649

	336	a	Leptostraca	Nebaliopsis typica		500–1000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda 2012. J Oceanogr. 68: 641–649
	336	b	Leptostraca	Nebaliopsis typica		3000–5000	Oyashio region	R/V Tansei Maru (Aug 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	337		Nemertinea	Nectonemertes mirabilis		2000–3000	Oyashio region	T/S Oshoro Maru (Mar 2005)	Ikeda 2012. J Oceanogr. 68: 641–649
	338	a	Coelenterata	Pantachogon haeckeli		1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2003)	Ikeda 2012. J Oceanogr. 68: 641–649
	338	b	Coelenterata	Pantachogon haeckeli		1000–2000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	338	b	Coelenterata	Pantachogon haeckeli		500–1000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	339		Ostracoda	Paramollicia dichotoma		3000–5000	Oyashio region	R/V Tansei Maru (May 2005)	Ikeda 2012. J Oceanogr. 68: 641–649
	340		Amphipoda	Phronima sedentaria		500–1000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda 2012. J Oceanogr. 68: 641–649
	341		Amphipoda	Scina borealis		1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	342		Euphausiacea	Tessarabrachion oculatus		500–1000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda 2012. J Oceanogr. 68: 641–649
	343		Polychaeta	Tomopteris sp.		3000–5000	Oyashio region	R/V Tansei Maru (Aug 2004)	Ikeda 2012. J Oceanogr. 68: 641–649
	344	a	Chaetognatha	Eukrohnia fowleri		2000–3000	Oyashio region	T/S Oshoro Maru (Mar 2003)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	344	b	Chaetognatha	Eukrohnia fowleri		3000–3700	Oyashio region	T/S Oshoro Maru (Mar 2004)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	344	c	Chaetognatha	Eukrohnia fowleri		2000–3000	Oyashio region	T/S Oshoro Maru (Mar 2005)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	344	d	Chaetognatha	Eukrohnia fowleri		1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2005)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	344	e	Chaetognatha	Eukrohnia fowleri		1000–2000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	345	a	Chaetognatha	Eukrohnia bathypelagica		500–1000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	345	b	Chaetognatha	Eukrohnia bathypelagica		500–1000	Oyashio region	T/S Oshoro Maru (Dec 2004)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	346		Chaetognatha	Eukrohnia hamata		500–1000	Oyashio region	T/S Oshoro Maru (Mar 2006)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	347		Chaetognatha	Sagitta elegans		150–200	Oyashio region	T/S Oshoro Maru (Mar 2005)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	348		Chaetognatha	Sagitta macrocephala		2000–3000	Oyashio region	T/S Oshoro Maru (Mar 2003)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	349		Chaetognatha	Sagitta scrippse		500–1000	Oyashio region	T/S Oshoro Maru (Dec 2005)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	350	a	Chaetognatha	Sagitta zetesios		1000–2000	Oyashio region	T/S Oshoro Maru (Jun 2002)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	350	b	Chaetognatha	Sagitta zetesios		500–1000	Oyashio region	T/S Oshoro Maru (Jun 2003)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	350	c	Chaetognatha	Sagitta zetesios		1000–2000	Oyashio region	T/S Oshoro Maru (Mar 2004)	Ikeda & Takahashi 2012. J. Exp. Mar. Biol. Ecol. 424-425: 78–88
	351	1	Copepoda	Pachyptilus pacificus	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	352	2	Copepoda	Lucicutia bicornuta	C6M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	353	3	Copepoda	Lucicutia grandis	C5F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	354	4	Copepoda	Metridia asymmetrica	C6F	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	355	5	Copepoda	Metridia curticauda	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	356	6	Copepoda	Metridia okhotensis	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	357	7	Copepoda	Pleuromamma scutullata	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	357	8	Copepoda	Pleuromamma scutullata	C6M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	358	9	Copepoda	Pleuromamma xiphias	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	359	10	Copepoda	Candacia columbiae	C6M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	360	11	Copepoda	Aetideopsis rostrata	C5M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	361	12	Copepoda	Chiridius pacificus	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	362	13	Copepoda	Chirundina streetsi	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	363	14	Copepoda	Euchirella brevis	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	364	15	Copepoda	Euchirella galeata	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	365	16	Copepoda	Euchirella messinensis	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	366	17	Copepoda	Euchirella rostrata	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	367	18	Copepoda	Euchirella truncata	C4M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	368	19	Copepoda	Gaidius brevispinus	C6F	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	368	20	Copepoda	Gaidius brevispinus	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	369	21	Copepoda	Gaetanus robustus	C4F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	370	22	Copepoda	Gaidius tenuispinus	C5M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	370	23	Copepoda	Gaidius tenuispinus	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	371	24	Copepoda	Gaidius variabilis	C5M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	371	25	Copepoda	Gaidius variabilis	C5F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	371	26	Copepoda	Gaidius variabilis	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	372	27	Copepoda	Pseudochirella pacifica	C5M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	373	28	Copepoda	Pseudochirella spinifera	C5M	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	373	29	Copepoda	Pseudochirella spinifera	C5M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	374	30	Copepoda	Undeuchaeta plumosa	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	375	31	Copepoda	Paraeuchaeta barbata	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	376	32	Copepoda	Paraeuchaeta birostrata	C5M	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	376	33	Copepoda	Paraeuchaeta birostrata	C5F	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	376	34	Copepoda	Paraeuchaeta birostrata	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	377	35	Copepoda	Paraeuchaeta brevirostris	C6F	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	378	36	Copepoda	Paraeuchaeta elongata	C4M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	378	37	Copepoda	Paraeuchaeta elongata	C4F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	378	38	Copepoda	Paraeuchaeta elongata	C5M	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	378	39	Copepoda	Paraeuchaeta elongata	C5M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	378	40	Copepoda	Paraeuchaeta elongata	C5F	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	378	41	Copepoda	Paraeuchaeta elongata	C5F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	378	42	Copepoda	Paraeuchaeta elongata	C6F	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	378	43	Copepoda	Paraeuchaeta elongata	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211

	379	44	Copepoda	Paraeuchaeta modesta	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	380	45	Copepoda	Paraeuchaeta orientalis	C6F	500–1000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	381	46	Copepoda	Paraeuchaeta pseudotumidula	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	381	47	Copepoda	Paraeuchaeta pseudotumidula	C6M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	382	48	Copepoda	Paraeuchaeta rubra	C5M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	382	49	Copepoda	Paraeuchaeta rubra	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	383	50	Copepoda	Amallothrix valida	C5M	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	383	51	Copepoda	Amallothrix valida	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	384	52	Copepoda	Mixtocalanus robustus	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	385	53	Copepoda	Scaphocalanus medius	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	386	54	Copepoda	Spinocalanus stellatus	C6F	500–1000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	387	55	Copepoda	Pachyptilus pacificus	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	388	56	Copepoda	Lucicutia bicornuta	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	389	57	Copepoda	Lucicutia grandis	C6M	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	390	58	Copepoda	Lucicutia pacifica	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	390	59	Copepoda	Lucicutia pacifica	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	391	60	Copepoda	Metridia asymmetrica	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	393	62	Copepoda	Metridia curticauda	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	394	63	Copepoda	Metridia ornata	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	395	64	Copepoda	Aetideopsis rostrata	C5M	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	395	65	Copepoda	Aetideopsis rostrata	C5F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	396	66	Copepoda	Bradyidius pacificus	C5M	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	397	67	Copepoda	Euchirella rostrata	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	398	68	Copepoda	Euchirella rostrata	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	399	69	Copepoda	Gaidius brevispinus	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	400	70	Copepoda	Gaidius variabilis	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	401	71	Copepoda	Gaidius variabilis	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	402	72	Copepoda	Pseudochirella pacifica	C5M	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	402	73	Copepoda	Pseudochirella pacifica	C5F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	402	74	Copepoda	Pseudochirella pacifica	C5F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	403	75	Copepoda	Pseudochirella polyspina	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	403	76	Copepoda	Pseudochirella polyspina	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	404	77	Copepoda	Pseudochirella spinifera	C5F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	405	78	Copepoda	Pseudochirella spinifera	C6M	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	405	79	Copepoda	Pseudochirella spinifera	C6M	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	406	80	Copepoda	Undeuchaeta major	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	407	81	Copepoda	Undeuchaeta plumosa	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	408	82	Copepoda	Paraeuchaeta birostrata	C5M	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	408	83	Copepoda	Paraeuchaeta birostrata	C6M	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	408	84	Copepoda	Paraeuchaeta birostrata	C6M	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	408	85	Copepoda	Paraeuchaeta birostrata	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	408	86	Copepoda	Paraeuchaeta birostrata		1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	409	87	Copepoda	Paraeuchaeta brevirostris	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	410	88	Copepoda	Paraeuchaeta elongata	C5M	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	410	89	Copepoda	Paraeuchaeta elongata		1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	411	90	Copepoda	Paraeuchaeta pseudotumidula	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	412	91	Copepoda	Paraeuchaeta rubra	C5M	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	412	92	Copepoda	Paraeuchaeta rubra	C5F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	412	93	Copepoda	Paraeuchaeta rubra	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	412	94	Copepoda	Paraeuchaeta rubra	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	412	95	Copepoda	Paraeuchaeta rubra	M	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	412	96	Copepoda	Paraeuchaeta rubra	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	413	97	Copepoda	Cornucalanus indicus	C5F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	413	98	Copepoda	Cornucalanus indicus	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	414	99	Copepoda	Onchocalanus magnus	C5F	1000–2000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	414	100	Copepoda	Onchocalanus magnus	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	415	101	Copepoda	Amallothrix inornata	C6M	1000–2000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	415	102	Copepoda	Amallothrix inornata	C5M	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	415	103	Copepoda	Amallothrix inornata	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	416	104	Copepoda	Amallothrix paravalida	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	417	105	Copepoda	Amallothrix valida	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	417	106	Copepoda	Amallothrix valida	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	418	107	Copepoda	Lophothrix frontalis	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 124 (Jun 2002)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	418	108	Copepoda	Lophothrix frontalis	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	419	109	Copepoda	Scaphocalanus magnus	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	420	110	Copepoda	Scaphocalanus medius	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	421	111	Copepoda	Scottcalanus securifrons	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 136A (Jun 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	422	112	Copepoda	Bathycalanus bradyii	C6F	1000–2000	Oyashio region	T/S Oshoro Maru 155 (Mar 2005)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211

	423	113	Copepoda	Euaugaptilus pseudaffinis	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	424	114	Copepoda	Pachyptilus pacificus	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	425	115	Copepoda	Heterostylites major	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	426	116	Copepoda	Lucicutia ellipsoidalis	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	427	117	Copepoda	Lucicutia grandis	C6M	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	427	118	Copepoda	Lucicutia grandis	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	428	119	Copepoda	Lucicutia longifurca	C5	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	428	120	Copepoda	Lucicutia longifurca	C6M	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	429	121	Copepoda	Lucicutia pacifica	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	430	122	Copepoda	Metridia asymmetrica	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	430	123	Copepoda	Metridia asymmetrica	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 142A (Dec 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	431	124	Copepoda	Metridia ornata	C5F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	431	125	Copepoda	Metridia ornata	C6M	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	431	126	Copepoda	Metridia ornata	C6M	2000–3000	Oyashio region	T/S Oshoro Maru 142A (Dec 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	431	127	Copepoda	Metridia ornata	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	432	128	Copepoda	Gaetanus paracurvicornis	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	433	129	Copepoda	Gaetanus robustus	C5M	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	433	130	Copepoda	Gaetanus robustus	C5M	2000–3000	Oyashio region	T/S Oshoro Maru 142A (Dec 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	433	131	Copepoda	Gaetanus robustus	C5M	2000–3000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	433	132	Copepoda	Gaetanus robustus	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	434	133	Copepoda	Gaidius variabilis	C5F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	434	134	Copepoda	Gaidius variabilis	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	435	135	Copepoda	Pseudochirella pacifica	C5	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	435	136	Copepoda	Pseudochirella pacifica	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	436	137	Copepoda	Pseudochirella polyspina	C5F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	436	138	Copepoda	Pseudochirella polyspina	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	437	139	Copepoda	Pseudochirella spinifera	C5M	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	438	140	Copepoda	Undeuchaeta major	C5F	2000–3000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	439	141	Copepoda	Paraeuchaeta birostrata	C6M	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	439	142	Copepoda	Paraeuchaeta birostrata	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	440	143	Copepoda	Paraeuchaeta pseudotumidula	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 142A (Dec 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	441	144	Copepoda	Paraeuchaeta rubra	C5M	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	441	145	Copepoda	Paraeuchaeta rubra	C5F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	441	146	Copepoda	Paraeuchaeta rubra	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 142A (Dec 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	442	147	Copepoda	Xanthocalanus kurilensis	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 142A (Dec 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	443	148	Copepoda	Amallothrix inornata	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	443	149	Copepoda	Amallothrix inornata	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	444	150	Copepoda	Scaphocalanus affinis	C5F	2000–3000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	444	151	Copepoda	Scaphocalanus affinis	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 133D (Mar 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	445	152	Copepoda	Scolecithricella sp.	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 142A (Dec 2003)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	446	153	Copepoda	Bathycalanus bradyi	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 143B (Feb 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	447	154	Copepoda	Spinocalanus magnus	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	448	155	Copepoda	Scottocalanus securifrons	C6F	2000–3000	Oyashio region	T/S Oshoro Maru 144A (Mar 2004)	Ikeda, Sano, Yamaguchi & Matsuishi 2006. Mar. Ecol. Prog. Ser. 322: 199–211
	449	156	Copepoda	Aetideopsis rostrata	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	450	157	Copepoda	Amallothrix inornata	C5M	3000–5000	Oyashio region	R/V Tansei Maru KT05-12 (Jul 2005)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	450	158	Copepoda	Amallothrix inornata	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT05-12 (Jul 2005)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	451	159	Copepoda	Batheuchaeta lamellata	C5M	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	451	160	Copepoda	Batheuchaeta lamellata	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	451	161	Copepoda	Batheuchaeta lamellata	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT05-12 (Jul 2005)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	451	162	Copepoda	Batheuchaeta lamellata	C6M	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	452	163	Copepoda	Bathycalanus bradyi	C3	3000–5000	Oyashio region	R/V Tansei Maru KT06-10 (May 2006)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	452	164	Copepoda	Bathycalanus bradyi	C5	3000–5000	Oyashio region	R/V Tansei Maru KT06-10 (May 2006)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	453	165	Copepoda	Benthomisophria palliata	C6M	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	454	166	Copepoda	Chiridiella abyssalis	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT06-10 (May 2006)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	455	167	Copepoda	Chiridiella pacifica	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	456	168	Copepoda	Gaetanus paracurvicornis	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	456	169	Copepoda	Gaetanus paracurvicornis	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT05-12 (Jul 2005)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	457	170	Copepoda	Gaidius pungens	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	458	171	Copepoda	Gaetanus robustus	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	459	172	Copepoda	Metridia ornata	C5M	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	459	173	Copepoda	Metridia ornata	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	459	174	Copepoda	Metridia ornata	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT06-10 (May 2006)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	459	175	Copepoda	Metridia ornata	C6M	3000–5000	Oyashio region	R/V Tansei Maru KT06-10 (May 2006)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	460	176	Copepoda	Mixtocalanus robustus	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	460	177	Copepoda	Mixtocalanus robustus	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT06-10 (May 2006)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	461	178	Copepoda	Onchocalanus magnus	C5F	3000–5000	Oyashio region	R/V Tansei Maru KT05-12 (Jul 2005)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	461	179	Copepoda	Onchocalanus magnus	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT06-10 (May 2006)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	462	180	Copepoda	Paraeuchaeta rubra	C4F	3000–5000	Oyashio region	R/V Tansei Maru KT06-10 (May 2006)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219

	463	181	Copepoda	Pseudochirella pacifica	C5M	3000–5000	Oyashio region	R/V Tansei Maru KT05-12 (Jul 2005)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	464	182	Copepoda	Pseudochirella polyspina	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	464	183	Copepoda	Pseudochirella polyspina	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT05-12 (Jul 2005)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	465	184	Copepoda	Scaphocalanus magnus	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	465	185	Copepoda	Scaphocalanus magnus	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT05-12 (Jul 2005)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	465	186	Copepoda	Scaphocalanus magnus	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT06-10 (May 2006)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	466	187	Copepoda	Spinocalanus magnus	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	467	188	Copepoda	Undeuchaeta incisa	C5M	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	468	189	Copepoda	Undeuchaeta major	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	469	190	Copepoda	Undeuchaeta plumosa	C5F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	469	191	Copepoda	Undeuchaeta plumosa	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	470	192	Copepoda	Valdeviella imperfecta	C5F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	471	193	Copepoda	Xanthocalanus kurilensis	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT05-12 (Jul 2005)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	471	194	Copepoda	Xanthocalanus kurilensis	C6F	3000–5000	Oyashio region	R/V Tansei Maru KT04-18 (Aug 2004)	Ikeda, Sano & Yamaguchi 2007. Mar. Ecol. Prog. Ser. 339: 215–219
	472		Pisces	Abudefduf vaigiensis	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	473	a	Pisces	Ambassis sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Nov 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	473	b	Pisces	Ambassis sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Nov 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	474		Pisces	Amblyeleotris sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Dec 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	475		Pisces	Amblygobius sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Feb 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	476		Pisces	Apogon sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	477	a	Pisces	Caracanthus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Apr 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	477	b	Pisces	Caracanthus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Apr 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	478		Pisces	Chaetodon rainfordi	larvae/juv	surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	479		Pisces	Chromis viridis	larvae/juv	surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	480		Pisces	Gerres sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2011)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	481		Pisces	Herklotsichthys sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Oct 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	482	a	Pisces	Hypoatherina sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Oct 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	482	b	Pisces	Hypoatherina sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Oct 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	483		Pisces	Leiognathus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	484		Pisces	Lethrinus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	485		Pisces	Lutjanus carponotatus	larvae/juv	surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	486	a	Pisces	Monacanthidae sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	486	b	Pisces	Monacanthidae sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	487		Pisces	Mullidae sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	488	a	Pisces	Neomyxus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Apr 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	488	b	Pisces	Neomyxus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Apr 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	489		Pisces	Neopomacentrus bankieri	larvae/juv	surface	Tropical/subtropical	AIMS (Nov 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	490		Pisces	Omobranchus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	491		Pisces	Pelates quadrilineatus	larvae/juv	surface	Tropical/subtropical	AIMS (Apr 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	492		Pisces	Pomacentrus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Sept 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	493		Pisces	Scatophagus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2011)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	494		Pisces	Scomberoides lysan	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2012)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	495		Pisces	Scomberomorus queenslandicus	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	496		Pisces	Selaroides leptolepis	larvae/juv	surface	Tropical/subtropical	AIMS (Jan 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	497		Pisces	Siganus sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	498		Pisces	Sphyraena sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Dec 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	499		Pisces	Terapon sp.	larvae/juv	surface	Tropical/subtropical	AIMS (Apr 2010)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	500		Pisces	Upeneus tragula	larvae/juv	surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda, McKinnon & Doherty 2011. Mar. Ecol. Prog. Ser. 435: 197–207
	501	a	Decapoda	Leptochela sp.		surface	Tropical/subtropical	AIMS (Sept 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	501	b	Decapoda	Leptochela sp.		surface	Tropical/subtropical	AIMS (Sept 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	501	c	Decapoda	Leptochela sp.		surface	Tropical/subtropical	AIMS (Sept 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	502		Decapoda	Atydae sp.		surface	Tropical/subtropical	AIMS (Feb 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	503		Decapoda	Acetes sibogae australis		surface	Tropical/subtropical	AIMS (Feb 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	504		Decapoda	Sergestes atlanticus		surface	Tropical/subtropical	AIMS (May 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	505		Amphipoda	Synopia scheelena		surface	Tropical/subtropical	AIMS (Sept 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	506		Amphipoda	Barubius batei		surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	507		Amphipoda	Oxycephalus clausi		surface	Coral Sea	R/V Cape Ferguson (May 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	508		Mysidacea	Siriella media		surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	509		Euphausiacea	Thysanopoda tricuspidata		0-50	Coral Sea	R/V Cape Ferguson (Nov 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	510		Euphausiacea	Euphausia gibba		surface	Coral Sea	R/V Cape Ferguson (May 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	511		Euphausiacea	Euphausia mutica		surface	Coral Sea	R/V Cape Ferguson (May 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	512	a	Decapoda	alima larva		surface	Tropical/subtropical	AIMS (Dec 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	512	b	Decapoda	alima larva		surface	Coral Sea	R/V Cape Ferguson (May 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	513		Copepoda	Labidocera farrani	C6	surface	Tropical/subtropical	AIMS (Sept 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	514		Copepoda	Undinula vulgaris	C6F	surface	Tropical/subtropical	AIMS (Sept 2009)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	515		Copepoda	Paracalanus indicus		surface	Tropical/subtropical	AIMS (June 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	516		Copepoda	Macrosetella gracilis		surface	Tropical/subtropical	AIMS (July 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15
	517		Copepoda	Oithona nishidai		surface	Tropical/subtropical	AIMS (July 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–15

	518		Ostracoda	Leuroleberis sp.		surface	Tropical/subtropical	AIMS (Feb 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–19
	519	a	Decapoda	Parribacus antarcticus	Phyllosoma	surface	Coral Sea	R/V Cape Ferguson (May 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–19
	519	b	Decapoda	Parribacus antarcticus	Phyllosoma	surface	Coral Sea	R/V Cape Ferguson (May 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–19
	520		Chaetognatha	Sagitta bedoti forma minor		surface	Tropical/subtropical	AIMS (July 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–19
	521		Chaetognatha	Sagitta neglecta		surface	Tropical/subtropical	AIMS (July 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–19
	522		Chaetognatha	Sagitta sp.		surface	Tropical/subtropical	AIMS (July 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–19
	523	a	Cephalopoda	Ideosepius pygmaeus		surface	Tropical/subtropical	AIMS (Jan 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–19
	523	b	Cephalopoda	Ideosepius pygmaeus		surface	Tropical/subtropical	AIMS (Feb 2010)	Ikeda & McKinnon 2012. Plankton Benthos Res. 7: 8–19

Table 2. Zooplankton metabolic rates (oxygen consumption, ammonia-N excretion, and inorganic phosphate-P excretion), body mass, sampling depth, and water temperature. Words and numerical data in red are those newly added in the ver. 2. For species code, see Table 1. Blank cell denotes no data.

Species code	Species code		Sampling	Temp	Body mass				Metabolic rate			Supplemental data	
Old	New	Subcode	depth (m)	(°C)	(mgDM indiv^{-1})	(mgC indiv^{-1})	(mgN indiv^{-1})	(mgP indiv^{-1})	(μlO_2 indiv$^{-1}h^{-1}$)	(μgNH_4-N indiv$^{-1}h^{-1}$)	(μgPO_4-P indiv$^{-1}h^{-1}$)	WM (mg indiv^{-1})	Ash (%DM)
1	1		2	-0.8	401.6	36.1	9.40	0.36	15.4	2.21	0.37		
2	2		2	-1.4	3.10	1.05	0.252	0.017	1.59		0.032		
2	2		2	-1.4	2.45	0.832	0.199	0.014	1.21	0.126	0.025		
2	2		2	-1.4	3.24	1.1	0.263	0.018	1.62	0.209	0.033		
2	2		2	-0.7	11.36	3.72	0.916	0.057	5.45	0.608	0.077		
2	2		2	-0.7	13.0	4.26	1.05	0.065	6.58	0.740	0.077		
2	2		2	-0.7	10.76	3.52	0.867	0.054	5.13	0.569	0.1		
2	2		2	-0.7	9.7	3.18	0.782	0.049	4.50	0.512	0.061		
2	2		2	-0.7	6.43	2.11	0.518	0.032	3.59	0.420	0.057		
2	2		2	-0.7	1.89	0.619	0.152	0.0095	1.05	0.100	0.01		
2	2		2	-0.7	2.55	0.835	0.206	0.013	1.46	0.100	0.015		
3	3		2	-1.4	19.66	8.4	1.39	0.020	4.56	1.05	0.07		
3	3		2	-1.4	38.03	16.24	2.69	0.038	11.0		0.38		
3	3		2	-1.3	14.61	5.44	1.21	0.06	3.90	0.803	0.38		
3	3		2	-1.3	24.14	8.99	2	0.099	6.33	1.63	0.31		
3	3		2	-1.3	29.6	11.03	2.45	0.121	5.96	0.693	0.075		
3	3		2	-1.3	26.02	9.70	2.15	0.107	6.12	1.00	0.97		
4	4		2	-1.4	74.89	28.06	6.54	0.404	36.3	3.49	0.38		
4	4		2	-1.4	27	10.12	2.36	0.146	14.2	1.08	0.17		
4	4		2	-0.7	26.51	9.44	2.19	0.127	12.6	1.29	0.062		
4	4		2	-0.7	90.6	33.3	7.49	0.435	25.7	3.75	0.45		
5	5		2	-0.9	5.87	1.99	0.502	0.028	3.30	0.158	0.11		
5	5		2	-0.9	7.71	2.61	0.659	0.036	5.07	0.683	0.21		
5	5		2	-0.9	4.98	1.69	0.426	0.023	2.07	0.710	0.14		
5	5		2	-0.9	15.35	5.31	1.34	0.068	7.33	0.312	0.14		
5	5		2	-0.9	11.0	3.81	0.957	0.048	3.25	0.151	0.067		
5	5		2	-1.3	6.61	2.29	0.575	0.029	2.28	0.147	0.071		
5	5		2	-1	9.89	3.42	0.86	0.044	5.04	0.352	0.075		
5	5		2	-1	10.36	3.73	0.907	0.045	5.02	0.332	0.09		
5	5		2	-1	12.93	4.66	1.13	0.056	5.70	0.363	0.11		
5	5		2	-1	10.73	3.87	0.939	0.046	5.30	0.409	0.13		
5	5		2	-1	14.73	5.31	1.29	0.063	5.61	0.463	0.11		
5	5		2	-1	9.35	3.37	0.818	0.04	4.17	0.292	0.11		
5	5		2	-1	9.24	3.33	0.809	0.04	4.44	0.273	0.12		
5	5		2	-1	7.4	2.67	0.648	0.032	3.67	0.294	0.087		
5	5		2	-0.8	87	28.1	7.1	0.305	28.9	2.74	0.4		
5	5		2	-0.8	97.1	31.3	7.92	0.34	27.1	1.91	0.82		
5	5		2	-0.8	71.6	23.1	5.84	0.251	24.6	2.91	0.75		
5	5		2	-0.8	190.2	66.6	14.9	0.685	57.0	6.63	0.91		
5	5		2	-0.8	203.0	71.1	15.9	0.731	67.5	5.61	1.53		
5	5		2	-0.8	165.1	57.8	12.9	0.594	60.7	3.49	1.4		
5	5		2	-0.8	136.8	51.2	12.0	0.479	52.0	6.70	1.61		
5	5		2	-0.8	185.2	64.8	14.5	0.667	42.7	5.63	1.21		
5	5		2	-0.8	117.8	44.1	10.4	0.412	29.6	1.84	0.73		
5	5		2	-0.8	125.6	47.0	11.1	0.44	37.5	4.25	0.81		
6	6		2	-1	1.06	0.463	0.132	0.0078	1.07	0.078	0.019		

6	6		2	-1	1.01	0.441	0.126	0.0075	1.26	0.113	0.024		
6	6		2	-1	1.04	0.454	0.13	0.0077	1.33	0.115	0.026		
6	6		2	-1	1.06	0.463	0.132	0.0078	1.12	0.104	0.021		
6	6		2	-1	1.05	0.458	0.131	0.0078	1.15	0.106	0.027		
6	6		2	-1	1.05	0.458	0.131	0.0078	1.17	0.107	0.023		
6	6		2	-1	1.04	0.454	0.13	0.0077	1.10	0.108	0.023		
6	6		2	-1	0.806	0.338	0.099	0.0056	0.625	0.080	0.012		
6	6		2	-1	0.867	0.364	0.106	0.006	0.619	0.075	0.013		
6	6		2	-1	0.853	0.358	0.105	0.0059	0.646	0.083	0.013		
6	6		2	-1	0.836	0.351	0.103	0.0058	0.714	0.101	0.014		
6	6		2	-1	0.817	0.343	0.100	0.0056	0.669	0.098	0.015		
6	6		2	-1	0.885	0.371	0.109	0.0061	0.686	0.104	0.016		
6	6		2	-1	0.867	0.364	0.106	0.006	0.768	0.111	0.016		
7	7		2	-1.4	0.276	0.125	0.031	0.0015	0.329	0.035	0.0055		
7	7		2	-1.4	0.259	0.117	0.030	0.0014	0.332	0.032	0.0053		
7	7		2	-1.4	0.259	0.117	0.030	0.0014	0.314	0.029	0.0057		
7	7		2	-1.4	0.261	0.118	0.030	0.0014	0.332	0.031	0.0062		
7	7		2	-1.4	0.265	0.12	0.030	0.0014	0.320	0.032	0.0049		
7	7		2	-1.4	0.297	0.134	0.034	0.0016	0.330	0.031	0.0048		
7	7		2	-1.4	0.259	0.117	0.03	0.0014	0.290	0.030	0.0057		
7	7		2	-1.4	0.247	0.112	0.028	0.0013	0.309	0.030	0.0045		
7	7		2	-1	0.21	0.089	0.023	0.0013	0.222	0.020	0.0039		
7	7		2	-1	0.212	0.089	0.023	0.0013	0.225	0.017	0.0036		
7	7		2	-1	0.222	0.094	0.025	0.0014	0.231	0.018	0.0036		
7	7		2	-1	0.227	0.096	0.025	0.0014	0.219	0.014	0.0021		
7	7		2	-1	0.219	0.092	0.024	0.0014	0.189	0.018	0.003		
7	7		2	-1	0.216	0.091	0.024	0.0014	0.219	0.020	0.003		
7	7		2	-1	0.192	0.081	0.021	0.0012	0.185	0.018	0.0035		
8	8		2	-0.9	3.34	1.13	0.278	0.027	2.26	0.294	0.094		
8	8		2	-0.9	4.10	1.39	0.342	0.034	2.40	0.165	0.044		
8	8		2	-0.9	4.41	1.49	0.367	0.036	2.60	0.132	0.058		
8	8		2	-0.9	3.30	1.12	0.275	0.027	2.57	0.117	0.078		
8	8		2	-0.9	3.85	1.30	0.321	0.032	2.33	0.286	0.052		
8	8		2	-0.9	1.97	0.708	0.186	0.018	1.58	0.114	0.065		
8	8		2	-0.9	1.68	0.604	0.159	0.015	1.52	0.199	0.075		
8	8		2	-0.9	1.61	0.579	0.152	0.014	1.32	0.078	0.068		
8	8		2	-0.9	1.86	0.669	0.176	0.017	1.46	0.142	0.044		
8	8		2	-0.9	1.61	0.579	0.152	0.014	1.42	0.085	0.032		
8	8		2	-0.7	5.45	2.07	0.437	0.041	3.81	0.426	0.027		
8	8		2	-0.7	6.76	2.56	0.541	0.051	6.95	1.00	0.222		
8	8		2	-0.7	5.47	2.07	0.438	0.041	3.06	0.312	0.029		
8	8		2	-0.7	4.94	1.87	0.396	0.037	3.92	0.461	0.135		
8	8		2	-1	13.48	5.60	0.998	0.086	6.74	0.679	0.067		
8	8		2	-1	12.48	5.18	0.924	0.08	5.60	0.715	0.063		
8	8		2	-1	10.45	4.34	0.773	0.067	4.11	0.439	0.047		
8	8		2	-1	12.93	5.37	0.957	0.083	5.04	0.654	0.09		
8	8		2	-1	12.62	5.24	0.934	0.081	4.90	0.713	0.107		
8	8		2	-1	22.69	9.42	1.68	0.145	8.44	1.21	0.19		
8	8		2	-1	12.95	5.38	0.958	0.083	5.94	0.687	0.067		
8	8		2	-1	7.40	3.07	0.548	0.047	3.67	0.294	0.087		
9	9		2	-1.1	13.38	5.4	1.09	0.115	6.23	0.504	0.072		

9	9		2	-1.1	11.79	4.76	0.96	0.101	6.41	0.537	0.073		
9	9		2	-1.1	12.91	5.21	1.05	0.111	6.20	0.467	0.092		
9	9		2	-1.1	11.19	4.51	0.911	0.096	5.26	0.282	0.071		
9	9		2	-1.1	11.43	4.61	0.93	0.098	6.24	0.361	0.079		
10	10		2	-0.8	88.72	41.48	6.29	0.816	18.6	1.76	0.21		
10	10		2	-0.8	161.1	75.31	11.42	1.48	30.9	5.2	0.64		
10	10		2	-0.8	66.09	30.9	4.69	0.608	17.5	0.971	0.56		
11	11		100	-0.8	16.05	6.61	1.86	0.13	4.76	0.580	0.14		
11	11		100	-0.8	27	11.11	3.13	0.219	9.45	1.29	0.18		
11	11		100	-0.8	21	8.64	2.44	0.17	8.18	0.818	0.11		
11	11		100	-0.8	26.18	10.78	3.04	0.212	8.06	0.993	0.18		
11	11		100	-0.8	22.2	9.14	2.58	0.18	8.87	0.618	0.15		
11	11		100	-0.8	24.76	10.19	2.87	0.201	10.4	1.23	0.13		
11	11		100	-0.8	24.01	9.88	2.79	0.194	9.49	0.813	0.22		
11	11		100	-0.8	24.86	10.23	2.88	0.201	7.72	0.792	0.23		
11	11		100	-0.8	21.92	9.02	2.54	0.178	8.87	0.796	0.11		
11	11		100	-0.8	21.18	8.72	2.46	0.172	7.41	0.780	0.25		
11	11		100	-0.8	24.77	10.2	2.87	0.201	8.62	0.944	0.13		
11	11		100	-0.8	26.45	10.89	3.07	0.214	10.4	1.00	0.24		
11	11		100	-0.8	20.37	8.38	2.36	0.165	6.99	0.809	0.14		
11	11		100	-0.8	19.36	7.97	2.25	0.157	7.43	0.679	0.13		
11	11		100	-0.8	24.39	10.04	2.83	0.198	8.50	0.797	0.28		
12	12		2	-1	14.23	1.44	0.394	0.023	2.67	0.183	0.15		
12	12		2	-1	11.4	1.15	0.316	0.018	2.13	0.146	0.12		
12	12		2	-1	8.57	0.87	0.237	0.014	1.96	0.139	0.11		
12	12		2	-1	9.6	0.97	0.265	0.015	2.08	0.128	0.17		
13	13		2	-1.1	100.5	4.72	1.16	0.09	11.6	0.462	0.18		
13	13		2	-1.1	162.4	7.63	1.87	0.146	18.3	0.772	0.88		
13	13		2	-1.1	145.0	6.82	1.67	0.131	16.4	1.23	0.55		
13	13		2	-1.1	227.6	10.47	2.56	0.20	22.2	1.11	0.88		
13	13		2	-1.1	147.7	6.94	1.7	0.133	16.9	1.70	0.68		
13	13		2	-1.1	156.1	7.34	1.8	0.141	14.1	0.822	0.47		
13	13		2	-1.1	120.7	5.67	1.39	0.109	12.4	0.640	0.18		
13	13		2	-1.1	52.9	2.49	0.609	0.048	7.99	1.01	0.26		
13	13		2	-1.1	81.2	3.87	0.934	0.073	5.20	0.412	0.23		
13	13		2	-1.1	46.6	2.19	0.536	0.042	5.27	0.294	0.16		
13	13		2	-1.1	79.8	3.75	0.917	0.072	7.08	0.545	0.15		
13	13		2	-1.1	60.0	2.82	0.69	0.054	6.55	0.674	0.11		
14	14		35	-1.3	113.1	54.1	11.5	0.633	46.4	4.34	0.85		
14	14		35	-1.3	78.2	35.2	7.86	0.556	38.1	2.57	0.62		
14	14		35	-1.3	75.5	34.0	7.58	0.536	32.4	2.31	0.82		
14	14		35	-1.3	71.5	32.2	7.18	0.507	31.0	1.96	0.49		
14	14		35	-1.3	95.7	43.1	9.61	0.679	42.8	3.74	0.73		
14	14		35	-1.3	173.9	79.0	18.4	1.15	85.0	4.03	1.1		
14	14		35	-1.3	10.1	3.99	1.16	0.145	6.80	0.660	0.24		
14	14		35	-1.3	12.6	4.99	1.45	0.181	7.37	0.870	0.13		
14	14		35	-1.3	8.9	3.53	1.03	0.128	5.86	0.640	0.054		
14	14		35	-1.3	31.0	13.4	3.31	0.295	18.3	0.460	0.038		
14	14		35	-1.3	45.8	19.8	4.88	0.435	23.2	0.560	0.3		
14	14		35	-1.3	75.4	32.6	8.03	0.716	32.0	1.84	0.11		
14	14		35	-1	59.9	27.7	5.81	0.515	25.9	1.80	0.25		

14	14		35	-1	94.7	43.8	9.19	0.815	47.5	3.63	0.29		
14	14		35	-1	136.1	61.7	13.84	1.211	52.4	4.09	0.33		
14	14		35	-1	59.6	27.5	5.78	0.512	27.7	2.17	0.34		
14	14		35	-1	128.1	58.1	13.03	1.14	56.0	6.16	1.72		
14	14		35	-1	97.2	44.9	9.43	0.836	39.8	2.29	0.54		
14	14		35	-1	61.1	28.2	5.93	0.525	24.1	1.27	0.084		
14	14		35	-1	108.8	49.3	11.1	0.968	37.5	4.21	0.21		
14	14		35	-1	98.8	45.7	9.58	0.85	39.5	3.04	0.96		
14	14		35	-1	233.5	113.8	23.4	1.85	93.7	5.09	0.94		
14	14		35	-1	112.7	51.1	11.46	1.0	42.8	3.96	0.43		
14	14		35	-1	11.7	4.69	1.27	0.15	7.40	0.756	0.24		
14	14		35	-1	12.6	5.05	1.37	0.16	6.67	0.533	0.12		
14	14		35	-1	23.1	9.27	2.51	0.3	10.8	1.04	0.23		
14	14		35	-1	24.9	9.99	2.71	0.32	12.8	1.53	0.44		
14	14		35	-1	17.5	7.02	1.9	0.23	9.50	0.910	0.14		
14	14		35	-1	15.9	6.4	1.74	0.21	8.28	1.02	0.24		
14	14		35	-1	20.2	8.13	2.2	0.26	10.5	1.04	0.28		
14	14		35	-1	16.1	6.47	1.75	0.21	7.97	1.01	0.24		
14	14		35	-1	67.4	29.1	7.02	0.67	28.9	3.77	0.48		
14	14		35	-1	44.4	19.1	4.62	0.44	16.7	1.92	0.25		
14	14		35	-1	29.0	11.6	3.16	0.37	13.8	1.07	0.19		
14	14		35	-1	46.7	20.15	4.86	0.462	21.0	2.41	0.3		
14	14		35	-1	35.0	15.1	3.64	0.346	16.6	1.61	0.27		
14	14		35	-1	60.3	26.01	6.28	0.597	20.8	2.06	0.31		
14	14		35	-1	51.0	22.02	5.31	0.505	22.6	2.42	0.49		
14	14		35	-1	41.4	17.85	4.31	0.41	22.3	2.84	0.58		
14	14		35	-1	104.5	48.08	10.38	0.951	53.0	4.06			
14	14		35	-1	94.3	41.86	10.1	0.943	44.2	3.81			
14	14		35	-1	101.8	46.84	10.11	0.927	39.7	3.03	0.13		
14	14		35	-1	117.4	53.99	11.65	1.07	47.1	3.95	0.39		
14	14		35	-1	123.5	56.81	12.26	1.124	46.0	3.44	0.72		
14	14		35	-1	65.7	29.15	7.04	0.657	27.0	2.65			
14	14		35	-1	44.3	19.67	4.75	0.443	18.4	1.52	0.32		
14	14		35	-1	49.6	22.03	5.32	0.496	17.9	1.93	0.37		
14	14		35	-1	147.1	67.67	14.61	1.34	52.8	5.70	0.91		
14	14		35	-1	149.6	68.8	14.85	1.36	54.3	5.19	0.68		
14	14		35	-1	132.7	61.02	13.17	1.21	47.6	5.42	0.8		
14	14		35	-1.1	145.5	70.26	12.86	1.05	60.0	3.60	0.73		
14	14		35	-1.1	204.3	99.65	17.86	1.61	63.9	5.12	0.65		
14	14		35	-1.1	179.7	86.75	15.88	1.29	68.7	4.54	0.84		
14	14		35	-1.1	168.6	81.44	14.91	1.21	54.6	4.49	0.68		
14	14		35	-1.1	177.0	85.47	15.65	1.27	80.2	4.86	1.66		
14	14		35	-1.1	146.7	70.83	12.97	1.06	58.8	2.65	0.67		
14	14		35	-1.1	195.4	94.37	17.28	1.41	83.4	3.36	1.08		
14	14		35	-1.1	159.2	76.87	14.07	1.15	50.9	4.67	0.64		
15	15		35	-1.3	170.0	77.22	18.02	1.12	71.9	4.51	1.62		
15	15		35	-1.3	115.1	55.09	11.7	0.645	45.9	3.26	0.96		
15	15		35	-1.3	98.7	44.44	9.91	0.701	51.0	3.31	0.98		
15	15		35	-1.3	119.3	57.09	12.12	0.668	56.7	3.65	1.06		
15	15		35	-1.3	161.3	73.26	17.09	1.064	71.4	5.6	0.99		
15	15		35	-1.3	259.6	120.7	27.6	1.662	114.7	7.21	2.41		

15	15		35	-1	354.5	172.2	36.87	2.8	101.6	6.73	1.04		
15	15		35	-1	368.4	179.0	38.31	2.91	112.2	15.0	1.25		
15	15		35	-1	354.2	172.1	36.83	2.8	151.1	13.0	2.32		
15	15		35	-1	259.4	126.4	26.02	2.05	79.6	11.94	0.59		
15	15		35	-1	225.1	100.5	24.67	2.57	107.2	6.37	0.81		
15	15		35	-1	151.9	69.85	15.08	1.38	63.3	2.95	0.74		
15	15		35	-1	175.7	80.84	7.45	1.6	87.5	7.45	0.81		
15	15		35	-1	312.0	145.7	32.63	2.62	115.4	8.24	1.37		
15	15		35	-1	224.9	100.4	24.69	2.56	88.8	7.84	1.71		
15	15		35	-1.1	330.8	156.5	32.85	2.35	137.4	11.2	2.81		
15	15		35	-1.1	393.7	186.3	39.1	2.8	121.1	7.50	1.22		
15	15		35	-1.1	363.0	171.8	36.04	2.58	126.2	10.4	1.31		
15	15		35	-1.1	256.9	124.8	27	1.77	86.6	5.28	0.69		
16	16		2	6.7	2.98	0.9000	0.3278	0.00298	4.09	0.200			
16	16		2	10.2	3.8	1.148	0.418	0.0038	5.38	0.280			
17	17		2	7.3	7.5	0.848	0.278	0.015	1.08				
17	17		2	7.3	4.1	0.463	0.152	0.0082	1.17				
18	18		2	12.7	13.94	1.575	0.516	0.0139	4.62				
19	19		2	5	0.421	0.124	0.044	0.0025	0.35	0.043			
19	19		2	10.2	0.25	0.074	0.026	0.0015	0.39	0.018			
20	20		2	12.7	22.53	6.331	1.374	0.0676	20.0	3.02			
21	21		2	9.4	0.608	0.137	0.029	0.0061	0.29				
21	21		2	9.4	0.63	0.142	0.030	0.0063	0.41				
21	21		2	9.4	0.588	0.132	0.028	0.0059	0.35				
21	21		2	9.8	0.596	0.134	0.028	0.0060	0.24				
21	21		2	9.8	0.556	0.125	0.026	0.0056	0.21				
22	22		2	6	2.27	1.130	0.191	0.0136	2.33	0.184			
22	22		2	6	1.6	0.797	0.134	0.0096	1.74	0.172			
22	22		2	6.9	0.892	0.444	0.075	0.0054	0.94	0.137			
23	23		2	5	0.284	0.160	0.022	0.0017	0.25	0.0070			
23	23		2	5	0.289	0.162	0.023	0.0017	0.30	0.0053			
23	23		2	6.9	0.217	0.122	0.017	0.0013	0.29	0.0092			
24	24		2	5	0.523	0.301	0.042	0.0031	0.48	0.012			
24	24		2	5	0.589	0.339	0.047	0.0035	0.63	0.030			
24	24		2	7	0.759	0.437	0.061	0.0046	0.56	0.015			
24	24		2	9.4	1.08	0.622	0.086	0.0065	0.92				
24	24		2	10.2	0.975	0.562	0.078	0.0059	0.81	0.011			
25	25		2	6	1.01	0.404	0.099	0.0061	0.84	0.041			
25	25		2	6	1.01	0.404	0.099	0.0061	0.75	0.074			
26	26		2	6.8	0.0135	0.0062	0.0016	0.000081	0.039	0.0025			
26	26		2	6.8	0.0133	0.0061	0.0016	0.00008	0.033	0.0029			
26	26		2	12.2	0.0081	0.0037	0.0010	0.000049	0.047	0.0014			
27	27		2	6.9	0.0304	0.0135	0.0034	0.000182	0.063	0.0039			
27	27		2	5	0.171	0.0758	0.0190	0.0010	0.28	0.021			
27	27		2	9.4	0.149	0.0660	0.0165	0.0009	0.63				
27	27		2	9.4	0.16	0.0709	0.0178	0.00096	0.45	0.0061			
27	27		2	9.1	0.188	0.0833	0.0209	0.00113	0.43	0.017			
27	27		2	9.1	0.187	0.0828	0.0208	0.001122	0.44	0.019			
28	28		2	7.3	0.0086	0.0037	0.0010	0.000052	0.032				
28	28		2	7.3	0.0082	0.0036	0.0010	0.000049	0.024				
28	28		2	7.3	0.0076	0.0033	0.0009	0.00005	0.025				

28	28		2	9	0.0101	0.0044	0.0012	0.000061	0.040				
28	28		2	9	0.0104	0.0045	0.0012	0.000062	0.034				
28	28		2	10	0.0088	0.0038	0.0011	0.000053	0.036	0.0025			
28	28		2	9.7	0.0068	0.0030	0.00082	0.000041	0.019	0.0022			
28	28		2	9.7	0.0068	0.0030	0.00082	0.000041	0.017	0.0026			
28	28		2	9.7	0.007	0.0030	0.00084	0.000042	0.019	0.0014			
28	28		2	13.1	0.0076	0.0033	0.00091	0.000046	0.029	0.0018			
28	28		2	13.1	0.0073	0.0032	0.00088	0.00004	0.033	0.0019			
29	29		2	7	0.0449	0.0197	0.0050	0.00027	0.11	0.0053			
29	29		2	7	0.0689	0.0302	0.0077	0.00041	0.13	0.010			
30	30		2	9	1.1	0.432	0.120	0.011	2.82				
31	31		2	10	1.89	0.782	0.202	0.019	3.10	0.130			
32	32		2	13.1	0.265	0.090	0.017	0.003	0.35				
33	33		2	6.9	3.92	1.168	0.200	0.039	2.01	0.074			
33	33		2	6.9	4.93	1.469	0.251	0.049	3.02	0.076			
34	34		2	6.8	2.94	1.211	0.232	0.021	3.75	0.144			
34	34		2	6.8	1.94	0.799	0.153	0.014	3.37	0.163			
34	34		2	9	4.69	1.932	0.371	0.033	6.95	0.497			
34	34		2	9	4.57	1.883	0.361	0.032	6.49	0.389			
34	34		2	9	5.76	2.373	0.455	0.040	7.57				
34	34		2	9	3.51	1.446	0.277	0.025	6.95				
34	34		2	9	2.24	0.923	0.177	0.016	3.21				
34	34		2	9.8	0.21	0.087	0.017	0.0015	0.20				
34	34		2	9.8	0.202	0.083	0.016	0.0014	0.25				
35	35		2	6.9	0.299	0.126	0.034	0.0027	0.30	0.0095			
35	35		2	13.1	0.118	0.050	0.014	0.00106	0.53	0.016			
35	35		2	13.1	0.102	0.043	0.012	0.00092	0.46	0.010			
36	36		2	7	7.78	3.221	0.848	0.070	6.71	0.120			
36	36		2	10.2	16.6	6.872	1.809	0.149	17.2	0.540			
36	36		2	10.2	13.3	5.506	1.450	0.120	15.8	0.865			
36	36		2	10.2	8.94	3.701	0.974	0.080	15.3	0.939			
37	37		2	12.2	9.45	3.846	0.992	0.085	15.9	0.861			
	38		2	7	0.419	0.171	0.044	0.004	0.45	0.011			
	39		2	6.8	14.95	6.085	1.570	0.135	6.69	0.230			
38	40		2	6	1.67	0.681	0.195	0.00501	1.50	0.268			
38	40		2	6	1.85	0.755	0.216	0.00555	1.69	0.291			
38	40		2	7	1.35	0.551	0.158	0.00405	1.21	0.096			
38	40		2	12.3	0.211	0.0861	0.0247	0.00063	0.52				
38	40		2	12.3	0.084	0.0343	0.0098	0.00025	0.28				
39	41		2	7.3	0.943	0.4291	0.1066	0.00943	1.30				
40	42		2	13	0.0964	0.0443	0.0116	0.00061	0.262	0.037	0.005		
40	42		2	13	0.0982	0.0452	0.0118	0.00062	0.238	0.031	0.0041		
40	42		2	13	0.0975	0.0449	0.0117	0.00061	0.325	0.017	0.0055		
40	42		2	13	0.0968	0.0445	0.0116	0.00061	0.291	0.017	0.0058		
40	42		2	13	0.0905	0.0416	0.0109	0.00057	0.243	0.013	0.0067		
40	42		2	13	0.0848	0.0390	0.0102	0.00053	0.283	0.025	0.007		
41	43		2	13	6.31	2.612	0.688	0.063	6.70	0.407	0.051		
41	43		2	13	5.55	2.298	0.605	0.056	5.79	0.272	0.037		
41	43		2	13	6.36	2.633	0.693	0.064	8.21	0.510	0.075		
41	43		2	13	6.02	2.492	0.656	0.060	6.08	0.390	0.08		
42	44		2	13	3.8	1.558	0.304	0.030	2.30	0.022	0.024		

42	44		2	13	4.11	1.685	0.329	0.033	3.37	0.075	0.046		
43	45		2	13	2.94	1.217	0.320	0.029	4.92	0.170	0.012		
43	45		2	13	2.65	1.097	0.289	0.027	4.45	0.350	0.025		
44	46		2	16	0.0089	0.003	0.001	0.000009	0.027				
45	47		2	16	0.236	0.071	0.026	0.00024	1.25				
46	48		2	15.4	4.00	0.452	0.148	0.004	3.51				
46	48		2	15.4	2.85	0.322	0.105	0.0029	2.52				
47	49		2	15.5	0.0255	0.0065	0.0017	0.00015	0.037				
47	49		2	15.5	0.0313	0.0080	0.0021	0.00019	0.024				
48	50		2	14.1	0.0089	0.0027	0.0008	0.00009	0.023				
48	50		2	15.8	0.0106	0.0032	0.0010	0.00011	0.010				
49	51		2	15.5	0.0135	0.0041	0.0012	0.00014	0.062				
50	52		2	15.5	0.0368	0.0145	0.0044	0.00022	0.340				
50	52		2	15.9	0.0307	0.0121	0.0037	0.00018	0.120				
50	52		2	15.9	0.0263	0.0104	0.0032	0.00016	0.200				
51	53		2	16	0.0503	0.0182	0.0040	0.00030	0.290				
51	53		2	13.1	0.16	0.0736	0.0142	0.00096	0.310				
52	54		2	15.4	0.0032	0.0013	0.00041	0.000019	0.027				
52	54		2	13.1	0.0031	0.0013	0.00039	0.000019	0.031				
52	54		2	13.1	0.0051	0.0021	0.00065	0.000031	0.035				
53	55		2	15.9	0.018	0.0072	0.0022	0.00011	0.098				
53	55		2	15.9	0.0153	0.0061	0.0018	0.00009	0.073				
54	56		2	15.4	0.0145	0.0058	0.0017	0.00009	0.101				
54	56		2	15.4	0.0096	0.0038	0.0012	0.00006	0.020				
54	56		2	13.1	0.0187	0.0075	0.0022	0.00011	0.063				
54	56		2	13.1	0.014	0.0056	0.0017	0.000084	0.041				
55	57		2	15.4	0.0101	0.0042	0.0012	0.000061	0.034				
55	57		2	13.5	0.0085	0.0035	0.0010	0.000051	0.031				
55	57		2	13.5	0.0083	0.0034	0.0010	0.00005	0.028				
56	58		2	15.4	0.0251	0.0100	0.0030	0.00015	0.120				
57	59		2	15.4	0.0072	0.0029	0.00086	0.000043	0.010				
57	59		2	13.1	0.0046	0.0018	0.00055	0.000028	0.019				
57	59		2	15.8	0.0036	0.0014	0.00043	0.000022	0.026				
58	60		2	15.8	0.0104	0.0049	0.0014	0.000062	0.020				
58	60		2	15.8	0.0168	0.0079	0.0022	0.00010	0.020				
59	61		2	15.4	0.0691	0.0199	0.0043	0.00069	0.12				
59	61		2	16	1.12	0.3226	0.0694	0.011	1.50				
60	62		2	14.1	0.0637	0.0172	0.0043	0.00064	0.071				
60	62		2	14.1	0.0598	0.0161	0.0040	0.00060	0.12				
61	63		2	15.4	0.0663	0.0245	0.0055	0.00066	0.23				
62	64		2	15.4	0.025	0.0072	0.0024	0.00025	0.092				
63	65		2	15.5	0.0404	0.0145	0.0044	0.00012	0.19				
64	66		2	15.5	0.0109	0.0033	0.0010	0.00008	0.10				
64	66		2	15.8	0.0418	0.0125	0.0038	0.00029	0.20				
65	67		2	16	1.98	0.792	0.178	0.020	3.76				
66	68		2	14.1	0.604	0.246	0.0550	0.0060	1.73				
66	68		2	14.1	3.12	1.270	0.284	0.0312	4.58				
67	69		2	15.2	33.24	3.756	1.230	0.0332	13.8	0.841			
67	69		2	15.2	52.06	5.883	1.926	0.0521	14.5	1.14			
67	69		2	15.2	71.1	8.034	2.631	0.0711	19.2	1.59			
68	70		2	14.2	0.314	0.144	0.028	0.0019	0.46	0.057			

68	70		2	14.2	0.328	0.151	0.029	0.0020	0.50	0.035			
68	70		2	15.9	0.258	0.119	0.0230	0.00155	0.58	0.074			
68	70		2	15.9	0.276	0.127	0.0246	0.00166	0.68	0.099			
69	71		2	14.2	0.0063	0.0026	0.00076	0.000038	0.01	0.0035			
69	71		2	14.2	0.0064	0.0027	0.00077	0.000038	0.03	0.0071			
69	71		2	15.4	0.0104	0.0043	0.0013	0.000062	0.04	0.0050			
69	71		2	15.4	0.0108	0.0045	0.0013	0.000065	0.04	0.0074			
70	72		2	14.9	2.4	1.06	0.271	0.024	4.45	0.697			
70	72		2	14.9	3.35	1.48	0.379	0.034	4.26	0.562			
71	73		2	15.4	0.085	0.0245	0.0053	0.00085	0.13	0.022			
71	73		2	15.4	0.101	0.0291	0.0063	0.00101	0.14	0.021			
72	74		2	14.9	0.086	0.0309	0.0094	0.00026	0.34	0.085			
72	74		2	14.9	0.156	0.0560	0.0170	0.00047	0.27	0.036			
73	75		2	15.9	1.07	0.462	0.120	0.0107	2.23	0.165			
73	75		2	15.9	1.99	0.860	0.223	0.0199	3.71	0.193			
74	76		2	22.4	14.6	2.99	0.569	0.0438	15.1	0.970			
75	77		2	22.4	30	6.15	1.17	0.090	44.0	3.80			
76	78		2	22.4	18.65	3.60	0.522	0.056	18.5	1.73			
77	79		2	19.7	18.5	3.57	0.518	0.056	11.7	1.04			
78	80		2	19.7	3.66	1.50	0.311	0.037	8.50	0.990			
79	81		2	19.7	0.50	0.234	0.051	0.0040	1.69	0.094			
79	81		2	19.7	0.50	0.234	0.051	0.0040	1.59	0.110			
80	82		2	17.3	0.0203	0.00847	0.00205	0.00016	0.12	0.010			
80	82		2	17.3	0.0192	0.00801	0.00194	0.00015	0.11	0.012			
81	83		2	22.4	2.98	1.24	0.301	0.038	5.04	0.240			
81	83		2	22.4	3.0	1.25	0.303	0.038	5.96	0.260			
82	84		2	19.7	7.3	1.74	0.372	0.092	9.83	0.760			
82	84		2	19.7	7.28	1.73	0.371	0.092	10.3	0.690			
83	85		2	19.7	0.274	0.112	0.0273	0.0041	1.34	0.120			
83	85		2	19.7	0.3	0.122	0.0299	0.0044	1.57	0.130			
84	86		2	17.3	3.01	0.138	0.0120	0.0030	2.12	0.210			
84	86		2	17.3	3.86	0.178	0.0154	0.0039	2.05	0.210			
84	86		2	17.3	2.04	0.094	0.0082	0.0020	1.13	0.130			
85	87		2	17.3	13.0	0.598	0.052	0.013	4.04	0.380			
85	87		2	17.3	10.27	0.472	0.041	0.01027	5.37	0.430			
86	88		2	22.4	1.67	0.633	0.162	0.02338	9.11	0.810			
87	89		2	22	0.0061	0.0025	0.00059	0.000048	0.065	0.0095			
87	89		2	22	0.0062	0.0026	0.00060	0.000049	0.060	0.0107			
87	89		2	22	0.0059	0.0025	0.00057	0.000047	0.061	0.0023			
87	89		2	22	0.0059	0.0025	0.00057	0.000047	0.053	0.0015			
87	89		2	22	0.0107	0.0045	0.0010	0.000085	0.065	0.0054			
87	89		2	22	0.0082	0.0034	0.00079	0.000065	0.052	0.0044			
87	89		2	22	0.0075	0.0031	0.00072	0.000059	0.040				
87	89		2	22	0.0066	0.0027	0.00064	0.000052	0.043				
87	89		2	22	0.0076	0.0032	0.00073	0.000060	0.062				
87	89		2	22	0.0077	0.0032	0.00074	0.000061	0.063				
88	90		2	22	0.36	0.102	0.0282	0.0023	1.82	0.064			
88	90		2	22	0.333	0.0942	0.0261	0.0021	1.43	0.073			
88	90		2	22	0.384	0.109	0.0301	0.0024	2.26				
88	90		2	22	0.352	0.0996	0.0276	0.0022	1.83				
88	90		2	22	0.285	0.0807	0.0223	0.0018	1.20	0.033			

88	90		2	22	0.265	0.0750	0.0208	0.00167	0.83	0.030			
89	91		2	24	0.191	0.0795	0.0184	0.00151	1.00	0.069			
89	91		2	24	0.195	0.0811	0.0188	0.00154	1.01	0.062			
89	91		2	24	0.198	0.0824	0.0190	0.00156	1.01	0.079			
89	91		2	24	0.189	0.0786	0.0182	0.00149	0.99	0.080			
89	91		2	24	0.167	0.0695	0.0161	0.00132	0.92	0.065			
89	91		2	24	0.187	0.0778	0.0180	0.00148	1.00	0.054			
89	91		2	22	0.177	0.0736	0.0170	0.00140	0.89	0.095			
89	91		2	22	0.179	0.0745	0.0172	0.00141	0.91	0.087			
90	92		2	24	0.268	0.111	0.0258	0.0021	1.12	0.057			
90	92		2	24	0.323	0.134	0.0311	0.0026	1.38	0.063			
90	92		2	24	0.286	0.119	0.0275	0.0023	1.41	0.067			
90	92		2	24	0.285	0.119	0.0274	0.0023	1.44	0.057			
91	93		2	24	0.408	0.115	0.0320	0.0026	1.51	0.100			
91	93		2	24	0.31	0.0877	0.0243	0.0020	1.12	0.042			
91	93		2	24	0.269	0.0761	0.0211	0.0017	0.81	0.034			
91	93		2	24	0.318	0.0900	0.0249	0.0020	0.87	0.043			
91	93		2	24	0.357	0.101	0.0280	0.0022	1.40	0.061			
92	94		2	22	0.361	0.150	0.0347	0.0029		0.100	0.039		
92	94		2	22	0.282	0.117	0.0271	0.0022		0.069	0.037		
92	94		2	22	0.325	0.135	0.0313	0.0026		0.086	0.056		
92	94		2	22	0.274	0.114	0.0264	0.0022		0.098	0.064		
93	95		2	22	0.115	0.0480	0.0111	0.00091		0.015	0.0036		
93	95		2	22	0.114	0.0473	0.0109	0.00090		0.014	0.0029		
93	95		2	22	0.149	0.0622	0.0144	0.0012		0.020	0.0025		
93	95		2	22	0.141	0.0587	0.0136	0.0011		0.008	0.0007		
93	95		2	22	0.072	0.0297	0.0069	0.0006		0.006	0.0018		
94	96		2	22	0.189	0.0696	0.0148	0.0024		0.006	0.0011		
95	97		2	22	0.121	0.0503	0.0116	0.0010		0.010	0.0007		
95	97		2	22	0.145	0.0604	0.0140	0.0011		0.021	0.0056		
96	98		2	22	0.410	0.1512	0.0321	0.0052		0.050	0.0107		
96	98		2	22	0.162	0.0597	0.0127	0.0020		0.021	0.0067		
96	98		2	22	0.468	0.1726	0.0366	0.0059		0.069	0.015		
96	98		2	22	0.503	0.1855	0.0394	0.0063		0.083	0.029		
96	98		2	22	0.549	0.2026	0.0430	0.0069		0.087	0.027		
96	98		2	22	0.391	0.1444	0.0306	0.0049		0.067	0.012		
96	98		2	22	0.442	0.1630	0.0346	0.0056		0.074	0.0044		
96	98		2	22	0.427	0.1576	0.0335	0.0054		0.057	0.012		
97	99		2	22	0.385	0.1090	0.0302	0.0024		0.018	0.004		
97	99		2	22	0.271	0.0766	0.0212	0.0017		0.031	0.0076		
97	99		2	22	0.316	0.0895	0.0248	0.0020		0.045	0.0055		
97	99		2	22	0.256	0.0725	0.0201	0.0016		0.142	0.0052		
97	99		2	22	0.247	0.0698	0.0193	0.0016		0.018	0.0061		
97	99		2	22	0.304	0.0859	0.0238	0.0019		0.010	0.0022		
97	99		2	22	0.093	0.0262	0.0073	0.00058		0.034	0.0018		
97	99		2	22	0.458	0.1296	0.0359	0.0029		0.057	0.0108		
97	99		2	22	0.111	0.0314	0.0087	0.00070		0.015	0.0013		
97	99		2	22	0.871	0.2465	0.0683	0.0055		0.120	0.0146		
98	100		2	22	0.092	0.0341	0.0072	0.0012		0.0087	0.0013		
98	100		2	22	0.181	0.0669	0.0142	0.0023		0.0087	0.0013		
98	100		2	22	0.135	0.0499	0.0106	0.0017		0.0078	0.0021		

98	100		2	22	0.215	0.0795	0.0169	0.0027		0.0082	0.0013		
98	100		2	22	0.124	0.0458	0.0097	0.0016		0.020	0.0018		
98	100		2	22	0.115	0.0425	0.0090	0.0015		0.0035	0.0005		
98	100		2	22	0.583	0.215	0.0456	0.0073		0.016	0.0034		
98	100		2	22	0.550	0.203	0.0431	0.0069		0.016	0.0027		
98	100		2	22	0.293	0.108	0.0230	0.0037		0.011	0.0005		
98	100		2	22	0.275	0.101	0.0215	0.0035		0.015	0.0061		
99	101		2	22	0.108	0.0397	0.0084	0.0014		0.008	0.0002		
99	101		2	22	0.139	0.0513	0.0109	0.0018		0.013	0.0004		
99	101		2	22	0.044	0.0163	0.0035	0.0006		0.007	0.0011		
99	101		2	22	0.137	0.0507	0.0108	0.0017		0.012	0.0007		
99	101		2	22	0.177	0.0652	0.0138	0.0022		0.011	0.0011		
99	101		2	22	0.121	0.0447	0.0095	0.0015		0.013	0.0022		
100	102		2	22	0.163	0.0676	0.0156	0.0013		0.039	0.014		
101	103		2	22	0.080	0.0331	0.0077	0.00063		0.017	0.0024		
102	104		2	22	0.170	0.0705	0.0163	0.0013		0.028	0.008		
103	105		2	22	0.088	0.0364	0.0084	0.00069		0.016	0.0086		
103	105		2	22	0.087	0.0364	0.0084	0.00069		0.016	0.0039		
104	106		2	22	0.157	0.0654	0.0151	0.0012		0.027	0.011		
104	106		2	22	0.124	0.0516	0.0119	0.00098		0.028	0.013		
105	107		2	22	1.95	0.213	0.0579	0.0027		0.052	0.011		
105	107		2	22	2.32	0.253	0.0689	0.0032			0.018		
105	107		2	22	1.84	0.201	0.0546	0.0026		0.047	0.011		
106	108		2	22	1.6	0.115	0.0462	0.0027		0.035	0.013		
106	108		2	22	3.92	0.282	0.113	0.0067		0.053			
106	108		2	22	7.16	0.516	0.207	0.012		0.092			
107	109		2	22	0.0197	0.0082	0.0019	0.00016		0.0063	0.0012		
107	109		2	22	0.0309	0.0129	0.0030	0.00024		0.0097	0.0012		
107	109		2	22	0.0171	0.0071	0.0016	0.00014		0.0075	0.0012		
107	109		2	22	0.0216	0.0090	0.0021	0.00017		0.0106	0.005		
107	109		2	22	0.0334	0.0139	0.0032	0.00026		0.0086			
107	109		2	22	0.0308	0.0128	0.0030	0.00024		0.0124	0.0011		
107	109		2	22	0.0265	0.0110	0.0025	0.00021		0.0094	0.0011		
107	109		2	22	0.0098	0.0041	0.0009	0.000077		0.0066	0.0011		
107	109		2	22	0.0238	0.0099	0.0023	0.00019		0.0142	0.0047		
107	109		2	22	0.0169	0.0070	0.0016	0.00013		0.0087	0.003		
107	109		2	22	0.023	0.0096	0.0022	0.00018		0.0106	0.0026		
107	109		2	22	0.022	0.0092	0.0021	0.00017		0.0057	0.0026		
107	109		2	22	0.0329	0.0137	0.0032	0.00026		0.0087	0.0007		
108	110		2	22	0.0091	0.0038	0.0009	0.000072		0.0052	0.0009		
108	110		2	22	0.0099	0.0041	0.0010	0.000078		0.0081			
108	110		2	22	0.0133	0.0055	0.0013	0.00011		0.0081	0.0051		
108	110		2	22	0.013	0.0054	0.0013	0.00010		0.0089	0.0009		
108	110		2	22	0.0133	0.0055	0.0013	0.00011		0.0089	0.0009		
108	110		2	22	0.007	0.0029	0.0007	0.000055		0.0039			
108	110		2	22	0.0117	0.0049	0.0011	0.000092		0.0016	0.0006		
108	110		2	22	0.0111	0.0046	0.0011	0.000088		0.0039	0.0009		
108	110		2	22	0.0117	0.0049	0.0011	0.000092		0.0040	0.001		
108	110		2	22	0.0134	0.0056	0.0013	0.00011		0.0040	0.001		
108	110		2	22	0.0126	0.0052	0.0012	0.00010		0.0057	0.001		
108	110		2	22	0.0139	0.0058	0.0013	0.00011		0.0057	0.001		

109	111		2	22	0.0779	0.0324	0.0075	0.00062		0.018	0.0022		
109	111		2	22	0.0764	0.0318	0.0074	0.00060		0.019	0.0063		
109	111		2	22	0.0835	0.0347	0.0080	0.00066		0.026	0.0054		
109	111		2	22	0.0907	0.0377	0.0087	0.00072		0.032	0.0101		
109	111		2	22	0.0822	0.0342	0.0079	0.00065		0.021	0.0041		
109	111		2	22	0.0895	0.0372	0.0086	0.00071		0.028	0.0042		
109	111		2	22	0.0987	0.0411	0.0095	0.00078		0.024	0.0022		
109	111		2	22	0.0698	0.0290	0.0067	0.00055		0.018	0.0028		
109	111		2	22	0.0848	0.0353	0.0082	0.00067		0.021	0.0022		
109	111		2	22	0.0794	0.0330	0.0076	0.000627		0.031	0.0061		
110	112		2	22	0.158	0.0447	0.0124	0.000994		0.069			
110	112		2	22	0.129	0.0365	0.0101	0.000812		0.041	0.0022		
110	112		2	22	0.133	0.0377	0.0105	0.00084		0.127	0.0083		
110	112		2	22	0.139	0.0392	0.0109	0.000873		0.043	0.005		
110	112		2	22	0.423	0.1196	0.0331	0.0027		0.144	0.0244		
110	112		2	22	0.79	0.224	0.0619	0.0050		0.053	0.0149		
110	112		2	22	0.315	0.0892	0.0247	0.0020		0.127	0.012		
110	112		2	22	0.060	0.0170	0.0047	0.00038		0.047	0.0029		
110	112		2	22	0.150	0.0425	0.0118	0.00095		0.033	0.0043		
110	112		2	22	0.090	0.0255	0.0071	0.00057		0.016	0.0034		
111	113		2	22	0.102	0.0423	0.0098	0.00080		0.031	0.0082		
111	113		2	22	0.071	0.0295	0.0068	0.00056		0.021	0.0062		
111	113		2	22	0.124	0.0517	0.0119	0.00098		0.049	0.0127		
111	113		2	22	0.077	0.0320	0.0074	0.00061		0.019	0.0037		
111	113		2	22	0.101	0.0419	0.0097	0.00080		0.012	0.007		
111	113		2	22	0.109	0.0452	0.0104	0.00086		0.025	0.0046		
112	114		2	22	2.71	0.295	0.0805	0.0038		0.055	0.014		
112	114		2	22	1.66	0.181	0.0493	0.0023		0.141	0.0036		
112	114		2	22	2.12	0.231	0.0630	0.0030		0.119	0.095		
112	114		2	22	1.41	0.154	0.0419	0.0020		0.104	0.0036		
113	115		2	22	0.32	0.023	0.0092	0.00054		0.042	0.0036		
114	116		2	22	0.41	0.125	0.0364	0.0030		0.131	0.058		
114	116		2	22	0.64	0.195	0.0568	0.0047		0.279	0.137		
114	116		2	22	0.17	0.0518	0.0151	0.0013		0.126	0.046		
114	116		2	22	0.2	0.0609	0.0178	0.0015		0.092	0.047		
115	117		2	22	0.0956	0.0398	0.0092	0.00076		0.024	0.0045		
115	117		2	22	0.1237	0.0515	0.0119	0.00098		0.023	0.0029		
115	117		2	22	0.1062	0.0442	0.0102	0.00084		0.021	0.0045		
115	117		2	22	0.0786	0.0327	0.0076	0.00062		0.015	0.0025		
115	117		2	22	0.0817	0.0340	0.0079	0.00065		0.024	0.0055		
115	117		2	22	0.0737	0.0307	0.0071	0.00058		0.012	0.0016		
116	118		2	22	0.0688	0.0286	0.0066	0.00054		0.015	0.0018		
116	118		2	22	0.0604	0.0251	0.0058	0.00048		0.014	0.0012		
116	118		2	22	0.0698	0.0290	0.0067	0.00055		0.0075	0.0009		
116	118		2	22	0.0746	0.0310	0.0072	0.00059		0.0061	0.0023		
116	118		2	22	0.0724	0.0301	0.0070	0.00057		0.0068	0.0011		
116	118		2	22	0.0661	0.0275	0.0064	0.00052		0.010	0.004		
116	118		2	22	0.083	0.0345	0.0080	0.00066		0.0048			
116	118		2	22	0.0773	0.0322	0.0074	0.00061		0.012	0.0013		
116	118		2	22	0.0622	0.0259	0.0060	0.00049		0.016	0.0011		
117	119		2	22	0.0988	0.0411	0.0095	0.00078		0.027	0.0053		

117	119		2	22	0.061	0.0254	0.0059	0.00048		0.014	0.0011		
117	119		2	22	0.0874	0.0364	0.0084	0.00069		0.014	0.0019		
117	119		2	22	0.0866	0.0360	0.0083	0.00068		0.029	0.0058		
117	119		2	22	0.1005	0.0418	0.0097	0.00079		0.030	0.0042		
118	120		2	22	0.0734	0.0305	0.0071	0.00058		0.013	0.0009		
119	121		2	22	0.1298	0.0540	0.0125	0.00103		0.047	0.0075		
119	121		2	22	0.103	0.0428	0.0099	0.00081		0.033	0.0052		
119	121		2	22	0.1	0.0416	0.0096	0.00079		0.032	0.0045		
119	121		2	22	0.0858	0.0357	0.0083	0.00068		0.051	0.0063		
119	121		2	22	0.1202	0.0500	0.0116	0.00095		0.050	0.0035		
120	122		2	22	0.0225	0.0094	0.0022	0.00018		0.0031			
120	122		2	22	0.0219	0.0091	0.0021	0.00017		0.0063	0.0002		
120	122		2	22	0.0278	0.0116	0.0027	0.00022		0.0069	0.0007		
120	122		2	22	0.0295	0.0123	0.0028	0.00023		0.0075	0.0019		
120	122		2	22	0.0185	0.0077	0.0018	0.00015		0.0051	0.001		
120	122		2	22	0.026	0.0108	0.0025	0.00021		0.014	0.001		
120	122		2	22	0.0205	0.0085	0.0020	0.00016		0.012	0.001		
120	122		2	22	0.0174	0.0072	0.0017	0.00014		0.011	0.001		
120	122		2	22	0.0144	0.0060	0.0014	0.00011		0.009	0.0007		
120	122		2	22	0.0228	0.0095	0.0022	0.00018		0.013	0.0012		
121	123		2	22	0.0302	0.0126	0.0029	0.00024		0.011	0.0014		
121	123		2	22	0.0355	0.0148	0.0034	0.00028		0.013	0.001		
121	123		2	22	0.036	0.0150	0.0035	0.00028		0.013	0.0014		
121	123		2	22	0.029	0.0121	0.0028	0.00023		0.015	0.0014		
121	123		2	22	0.0308	0.0128	0.0030	0.00024		0.015	0.0014		
121	123		2	22	0.0353	0.0147	0.0034	0.00028		0.016	0.0011		
121	123		2	22	0.0371	0.0154	0.0036	0.00029		0.015	0.0014		
121	123		2	22	0.034	0.0141	0.0033	0.00027		0.016	0.0014		
121	123		2	22	0.034	0.0141	0.0033	0.00027		0.014	0.0011		
121	123		2	22	0.0358	0.0149	0.0034	0.00028		0.014	0.0011		
122	124		2	22	0.311	0.0910	0.0244	0.0020		0.086	0.006		
122	124		2	22	0.692	0.203	0.0543	0.0044		0.097	0.0014		
122	124		2	22	0.188	0.0549	0.0147	0.0012		0.074	0.0023		
122	124		2	22	0.218	0.0638	0.0171	0.0014		0.093	0.0018		
122	124		2	22	0.352	0.103	0.0276	0.0022		0.145	0.0092		
122	124		2	22	0.1	0.0293	0.0078	0.00063		0.020	0.0004		
122	124		2	22	0.170	0.0498	0.0133	0.0011		0.052	0.0076		
122	124		2	22	0.3	0.0879	0.0235	0.00189		0.066	0.0052		
122	124		2	22	2.25	0.659	0.176	0.0142		0.073	0.0012		
122	124		2	22	2.10	0.615	0.164	0.0132		0.066	0.004		
123	125		2	22	0.0185	0.0077	0.0018	0.00015		0.002	0.0011		
123	125		2	22	0.024	0.0100	0.0023	0.00019		0.006	0.0015		
123	125		2	22	0.0398	0.0166	0.0038	0.00031		0.019	0.0004		
123	125		2	22	0.0382	0.0159	0.0037	0.00030		0.0068			
123	125		2	22	0.0417	0.0173	0.0040	0.00033		0.030	0.0081		
123	125		2	22	0.0354	0.0147	0.0034	0.00028		0.011	0.0023		
123	125		2	22	0.0135	0.0056	0.0013	0.00011		0.007	0.0023		
123	125		2	22	0.0366	0.0152	0.0035	0.00029		0.014	0.0016		
123	125		2	22	0.0189	0.0079	0.0018	0.00015		0.007	0.0006		
123	125		2	22	0.0166	0.0069	0.0016	0.00013		0.008	0.0043		
123	125		2	22	0.0407	0.0169	0.0039	0.00032		0.013	0.0013		

124	126		2	22	0.0868	0.0320	0.0068	0.00109		0.024			
125	127		2	22	0.0392	0.0163	0.0038	0.00031		0.025	0.0024		
125	127		2	22	0.0345	0.0144	0.0033	0.00027		0.017	0.0017		
125	127		2	22	0.0328	0.0136	0.0032	0.00026		0.015	0.0017		
125	127		2	22	0.033	0.0137	0.0032	0.00026		0.015	0.0024		
125	127		2	22	0.044	0.0183	0.0042	0.00035		0.019	0.0024		
125	127		2	22	0.0416	0.0173	0.0040	0.00033		0.021	0.0028		
125	127		2	22	0.0427	0.0178	0.0041	0.00034		0.014	0.0028		
125	127		2	22	0.0316	0.0131	0.0030	0.00025		0.014	0.0025		
125	127		2	22	0.0364	0.0151	0.0035	0.00029		0.019	0.0035		
125	127		2	22	0.0337	0.0140	0.0032	0.00027		0.016	0.0039		
125	127		2	22	0.0354	0.0147	0.0034	0.00028		0.013	0.0014		
125	127		2	22	0.0333	0.0139	0.0032	0.00026		0.011	0.0011		
125	127		2	22	0.0219	0.0091	0.0021	0.00017		0.010	0.0014		
125	127		2	22	0.0227	0.0094	0.0022	0.00018		0.009	0.0014		
125	127		2	22	0.0337	0.0140	0.0032	0.00027		0.014	0.002		
125	127		2	22	0.0392	0.0163	0.0038	0.00031		0.019	0.0037		
126	128		2	22	0.0161	0.0067	0.0015	0.00013		0.0050	0.0001		
126	128		2	22	0.0138	0.0057	0.0013	0.00011		0.0050	0.0007		
126	128		2	22	0.0162	0.0067	0.0016	0.00013		0.0050	0.0003		
126	128		2	22	0.0107	0.0045	0.0010	0.000085		0.0064	0.0016		
126	128		2	22	0.0138	0.0057	0.0013	0.00011		0.0047	0.0007		
126	128		2	22	0.0199	0.0083	0.0019	0.00016		0.0070	0.0006		
126	128		2	22	0.016	0.0067	0.0015	0.00013		0.0052	0.0008		
126	128		2	22	0.0177	0.0074	0.0017	0.00014		0.0059	0.0008		
126	128		2	22	0.0212	0.0088	0.0020	0.00017		0.0074	0.0011		
126	128		2	22	0.013	0.0054	0.0013	0.00010		0.0017	0.0006		
127	129		2	22	0.017	0.0071	0.00164	0.00013		0.0116	0.0003		
127	129		2	22	0.0197	0.0082	0.00190	0.00016		0.0125	0.0007		
127	129		2	22	0.007	0.0029	0.000673	0.000055		0.0093	0.0007		
127	129		2	22	0.0179	0.0074	0.00172	0.00014		0.0120	0.0012		
127	129		2	22	0.0166	0.0069	0.00160	0.00013		0.0133	0.0012		
127	129		2	22	0.0148	0.0062	0.00142	0.00012		0.0081	0.0003		
127	129		2	22	0.0177	0.0074	0.00170	0.00014		0.0114	0.0012		
127	129		2	22	0.0169	0.0070	0.00163	0.00013		0.0138	0.0009		
128	130		2	22	0.0703	0.0259	0.00550	0.00089		0.0152	0.0003		
128	130		2	22	0.0721	0.0266	0.00565	0.00091		0.0118	0.0001		
128	130		2	22	0.0491	0.0181	0.00385	0.00062		0.0098	0.0014		
128	130		2	22	0.0204	0.0075	0.00160	0.00026		0.0054	0.0001		
128	130		2	22	0.0221	0.0082	0.00173	0.00028		0.0047	0.0001		
129	131		2	22	0.0084	0.0025	0.00075	0.000083		0.0047	0.0002		
129	131		2	22	0.0107	0.0032	0.00095	0.00011		0.0031	0.0002		
129	131		2	22	0.0076	0.0023	0.00068	0.000075		0.0027	0.0002		
130	132		2	22	0.1524	0.0634	0.0147	0.00120		0.034	0.0091		
130	132		2	22	0.1648	0.0686	0.0159	0.00130		0.083	0.0125		
130	132		2	22	0.204	0.0849	0.0196	0.00161		0.036	0.0006		
130	132		2	22	0.2469	0.1027	0.0238	0.00195		0.096	0.032		
130	132		2	22	0.1321	0.0550	0.0127	0.00104		0.074	0.013		
131	133		2	22	2.15	0.1548	0.0621	0.00366		0.377	0.313		
131	133		2	22	4.11	0.296	0.119	0.00699		0.522	0.224		
132	134		2	22	0.0345	0.0144	0.00332	0.000273		0.015	0.0004		

132	134		2	22	0.0187	0.0078	0.00180	0.000148		0.011	0.0017		
132	134		2	22	0.0354	0.0147	0.00341	0.00028		0.015	0.0013		
132	134		2	22	0.0398	0.0166	0.00383	0.000314		0.012	0.0013		
133	135		2	22	0.0071	0.0030	0.00068	0.000056		0.0032	0.0002		
133	135		2	22	0.0075	0.0031	0.00072	0.000059		0.0051	0.0002		
133	135		2	22	0.0079	0.0033	0.00076	0.000062		0.0069	0.0002		
133	135		2	22	0.0074	0.0031	0.00071	0.000058		0.0082	0.0003		
133	135		2	22	0.0084	0.0035	0.00081	0.000066		0.0072	0.0002		
133	135		2	22	0.0082	0.0034	0.00079	0.000065		0.0056	0.0002		
133	135		2	22	0.0082	0.0034	0.00079	0.000065		0.0035	0.0003		
133	135		2	22	0.0078	0.0032	0.00075	0.000062		0.0035	0.0003		
133	135		2	22	0.0088	0.0037	0.00085	0.000070		0.020	0.0003		
133	135		2	22	0.0079	0.0033	0.00076	0.000062		0.019	0.0003		
134	136		2	22	0.0266	0.0111	0.00256	0.00021		0.0074	0.0005		
134	136		2	22	0.0279	0.0116	0.00268	0.00022		0.0082	0.0014		
134	136		2	22	0.0304	0.0126	0.00292	0.00024		0.016	0.0009		
134	136		2	22	0.0267	0.0111	0.00257	0.00021		0.011	0.0005		
134	136		2	22	0.0304	0.0126	0.00292	0.00024		0.012	0.0005		
135	137		2	22	0.1157	0.0327	0.00907	0.00073		0.115	0.02		
135	137		2	22	0.14	0.0396	0.01098	0.00088		0.049	0.0026		
135	137		2	22	0.1198	0.0339	0.00939	0.00076		0.050	0.0015		
135	137		2	22	0.0851	0.0241	0.00667	0.00054		0.039	0.0036		
135	137		2	22	0.0855	0.0242	0.00670	0.00054		0.040	0.001		
136	138		2	22	0.0796	0.0331	0.00766	0.00063		0.075	0.001		
136	138		2	22	0.1112	0.0463	0.0107	0.00088		0.049			
136	138		2	22	0.0783	0.0326	0.00753	0.00062		0.047			
136	138		2	22	0.08	0.0333	0.00770	0.00063		0.075			
136	138		2	22	0.0805	0.0335	0.00774	0.00064		0.059			
137	139		2	24	0.0181	0.0075	0.0017	0.00014		0.0089	0.001		
137	139		2	24	0.0302	0.0126	0.0029	0.00024		0.0075	0.001		
137	139		2	24	0.0374	0.0156	0.0036	0.00030		0.0089	0.001		
137	139		2	24	0.0289	0.0120	0.0028	0.00023		0.0059	0.001		
137	139		2	24	0.028	0.0116	0.0027	0.00022			0.0005		
137	139		2	24	0.0371	0.0154	0.0036	0.00029		0.0122	0.0021		
137	139		2	24	0.0318	0.0132	0.0031	0.00025		0.0078	0.0016		
137	139		2	24	0.0308	0.0128	0.0030	0.00024		0.0122	0.0026		
138	140		2	27	9.07	2.06	0.295	0.027	19.7	2.23	0.341		
138	140		2	27	8.178	1.86	0.266	0.025	17.0	1.96	0.403		
138	140		2	27	11.13	2.53	0.362	0.033	24.3	2.45	0.276		
138	140		2	27	6.624	1.50	0.215	0.020	16.9	1.88	0.273		
138	140		2	27	9.962	2.26	0.324	0.030	12.6	1.22	0.112		
138	140		2	27	8.662	1.97	0.282	0.026	18.0	1.75	0.31		
138	140		2	27	10.24	2.32	0.333	0.031	23.5	2.49	0.372		
138	140		2	27	7.032	1.60	0.229	0.021	16.0	1.68	0.093		
138	140		2	27	7.529	1.71	0.245	0.023	14.4	1.58	0.527		
139	141		2	27	1.453	0.411	0.114	0.0092	2.55	0.224			
139	141		2	27	0.712	0.201	0.056	0.0045	1.84	0.182			
139	141		2	27	0.532	0.151	0.042	0.0034	1.31	0.039			
139	141		2	27	0.712	0.201	0.056	0.0045	1.45	0.120			
139	141		2	27	0.783	0.222	0.061	0.0049	1.62	0.168			
139	141		2	27	0.618	0.175	0.048	0.0039	1.32	0.076			

139	141		2	27	0.674	0.191	0.053	0.0042	2.34	0.077			
139	141		2	27	0.378	0.107	0.030	0.0024	0.96	0.077			
139	141		2	27	0.487	0.138	0.038	0.0031	1.82	0.097			
139	141		2	27	0.708	0.200	0.05551	0.0045	1.49	0.154			
140	142		2	26	0.0064	0.0027	0.00062	0.000051	0.029				
140	142		2	26	0.0078	0.0032	0.00075	0.000062	0.057				
140	142		2	26	0.00785	0.0033	0.00076	0.000062	0.054				
140	142		2	26	0.01002	0.0042	0.00096	0.000079	0.039				
140	142		2	26	0.00668	0.0028	0.00064	0.000053	0.053				
141	143		2	26	0.0559	0.0233	0.00538	0.000442	0.30	0.028	0.0071		
141	143		2	26	0.0565	0.0235	0.00544	0.000446	0.28	0.015	0.0056		
141	143		2	26	0.0565	0.0235	0.00544	0.00045	0.27	0.018	0.005		
142	144		2	26	0.022	0.0092	0.00212	0.00017	0.15	0.0069	0.0031		
142	144		2	26	0.0199	0.0083	0.00191	0.00016	0.10	0.0081	0.0028		
142	144		2	26	0.0248	0.0103	0.00239	0.00020	0.15	0.011	0.0025		
142	144		2	26	0.0273	0.0114	0.00263	0.00022	0.17	0.015	0.0062		
143	145		2	24.6	0.468	0.0510	0.0139	0.00066	0.78	0.060	0.023		
143	145		2	24.6	0.379	0.0413	0.0113	0.00053	0.97	0.053	0.013		
143	145		2	24.6	0.593	0.0646	0.0176	0.00083	1.49	0.097	0.017		
143	146		2	24.6	13.87	0.998	0.401	0.024	0.99	0.130	0.052		
144	146		2	24.6	15.50	1.12	0.448	0.026	2.15	0.231	0.085		
144	146		2	24.6	26.05	1.88	0.753	0.044	4.39	0.685	0.31		
144	146		2	24.6	34.15	2.46	0.987	0.058	4.45	0.438	0.119		
144	146		2	24.6	29.07	2.09	0.840	0.049	5.63	0.512	0.203		
144	146		2	24.6	195.1	14.05	5.638	0.332	30.5	3.26	0.887		
145	147		2	24	0.100	0.042	0.0096	0.00079	0.57	0.013	0.0073		
145	147		2	24	0.109	0.045	0.0105	0.00086	0.76	0.029	0.0079		
145	147		2	24	0.091	0.038	0.0087	0.00072	0.63	0.023	0.0074		
145	147		2	24	0.101	0.042	0.0097	0.00080	0.61	0.023	0.0027		
145	147		2	24	0.098	0.041	0.0095	0.00078	0.63	0.014	0.0042		
145	147		2	24	0.106	0.044	0.0102	0.00084	0.68	0.022	0.0043		
145	147		2	24	0.110	0.046	0.0106	0.00087	0.67	0.021	0.0045		
145	147		2	24	0.114	0.047	0.0109	0.00090	0.69	0.021	0.0054		
146	148		2	24	0.214	0.089	0.0205	0.0017	1.41	0.148	0.053		
146	148		2	24	0.230	0.096	0.0221	0.0018	2.15	0.185	0.034		
146	148		2	24	0.245	0.102	0.0236	0.0019	1.96	0.148	0.05		
146	148		2	24	0.243	0.101	0.0234	0.0019	1.94	0.164	0.04		
146	148		2	24	0.243	0.101	0.0234	0.0019	1.94	0.164	0.04		
146	148		2	24	0.235	0.098	0.0226	0.0019	1.99	0.174	0.05		
147	149		2	24	0.232	0.086	0.0182	0.0029	1.16	0.080	0.0087		
147	149		2	24	0.202	0.075	0.0158	0.0025	1.00	0.056	0.011		
147	149		2	24	0.118	0.0434	0.00921	0.0015	1.02	0.066	0.013		
148	150		2	24.5	1.845	0.4188	0.0600	0.0055	3.05	0.224	0.065		
148	150		2	24.5	1.658	0.3764	0.0539	0.0050	3.50	0.168	0.05		
148	150		2	24.5	2.016	0.4576	0.0655	0.0060	3.75	0.168	0.04		
148	150		2	24.5	1.454	0.3301	0.0473	0.0044	2.93	0.154	0.016		
148	150		2	24.5	0.978	0.2220	0.0318	0.0029	2.80	0.029	0.016		
148	150		2	24.5	1.658	0.3764	0.0539	0.0050	3.42	0.168	0.056		
148	150		2	24.5	1.956	0.4440	0.0636	0.0059	4.15	0.182	0.047		
148	150		2	24.5	1.36	0.3087	0.0442	0.0041	2.89	0.140	0.0558		
149	151		2	25	0.0099	0.00412	0.00095	0.000078	0.072	0.0045	0.0018		

149	151		2	25	0.00937	0.00390	0.00090	0.000074	0.051	0.0063	0.002		
149	151		2	25	0.00972	0.00404	0.00094	0.000077	0.055	0.0042	0.0017		
149	151		2	25	0.00747	0.00311	0.00072	0.000059	0.043	0.0028	0.0016		
150	152		2	24	4.915	1.814	0.385	0.062	20.4	0.728	0.242		
150	152		2	24	8.169	3.014	0.640	0.103	21.7	1.09	0.245		
150	152		2	24	7.462	2.753	0.584	0.094	22.8	1.15	0.257		
150	152		2	24	7.851	2.897	0.615	0.099	25.2	1.25	0.387		
150	152		2	24	5.691	2.100	0.446	0.072	24.1	1.46	0.136		
150	152		2	24	9.426	3.478	0.738	0.119	24.0	1.76	0.608		
151	153		2	27	1.91	0.138	0.055	0.0032	0.81	0.060			
151	153		2	26.9	2.63	0.189	0.076	0.0045	1.81	0.110			
152	154		2	26.7	2.4	0.374	0.098	0.0034	1.22				
153	155		2	27	3.05	0.476	0.125	0.0043	2.42	0.084			
154	156		2	27.5	1.52	0.395	0.102	0.0021	0.85				
155	157		2	26.9	20.05	5.213	1.343	0.0281	11.2	1.28			
156	158		2	28.4	1.24	0.389	0.089	0.0037	7.70	0.450			
156	158		2	28.4	11.71	3.677	0.843	0.035	14.3	0.390			
156	158		2	28.4	10.31	3.237	0.742	0.031	9.90	0.510			
157	159		2	27.4	12.26	2.513	0.405	0.037	6.44	0.630			
158	160		2	27.4	14.34	2.768	0.402	0.043	10.2	1.08			
159	161		2	27.4	2.97	1.120	0.249	0.0089	1.89	0.140			
159	161		2	27.4	3.75	1.414	0.315	0.011	2.05	0.240			
159	161		2	27.4	3.38	1.274	0.284	0.010		0.190			
160	162		2	28.4	2.44	0.978	0.227	0.024	6.16	0.230			
161	163		2	26.9	0.0381	0.0162	0.00431	0.00030	0.20	0.02			
161	163		2	26.9	0.0412	0.0175	0.00466	0.00033	0.22	0.023			
161	163		2	26.9	0.0409	0.0174	0.00462	0.00032	0.21	0.019			
162	164		2	27.8	0.195	0.0866	0.0187	0.00154	1.36	0.100			
163	165		2	26.7	0.217	0.0963	0.0208	0.00171	0.49	0.037			
164	166		2	27.8	0.0517	0.0223	0.0056	0.00041	0.19	0.038			
165	167		2	27.8	0.166	0.0692	0.0179	0.0013	1.17	0.104			
165	167		2	27.8	0.188	0.0784	0.0203	0.0015	1.10	0.143			
165	167		2	28.5	0.183	0.0763	0.0198	0.0014	2.16	0.150			
165	167		2	28.5	0.176	0.0734	0.0190	0.0014	1.74	0.131			
165	167		2	28.5	0.192	0.0801	0.0207	0.0015	2.58	0.145			
165	167		2	27.4	0.164	0.0684	0.0177	0.0013	1.06	0.140			
165	167		2	27	0.142	0.0592	0.0153	0.0011	1.48	0.100			
165	167		2	26.4	0.143	0.0596	0.0154	0.0011	0.64	0.076			
165	167		2	26.4	0.152	0.0634	0.0164	0.0012	0.66	0.072			
166	168		2	26.7	0.0885	0.0349	0.0082	0.00070	0.88	0.091			
166	168		2	27.8	0.129	0.0508	0.0120	0.0010	0.84	0.054			
166	168		2	27.8	0.131	0.0516	0.0122	0.0010	0.97	0.049			
166	168		2	27.4	0.201	0.0792	0.0187	0.0016	0.93	0.086			
167	169		2	27.4	0.174	0.0724	0.0167	0.0014	1.05	0.084			
168	170		2	27.8	0.0494	0.0206	0.0047	0.00039	0.61	0.030			
169	171		2	27	0.103	0.0428	0.0099	0.00081	1.07	0.075			
170	172		2	28.5	0.222	0.0957	0.0271	0.0018		0.150			
170	172		2	28.5	0.223	0.0961	0.0272	0.0018	1.91	0.13			
170	172		2	28.5	0.24	0.1034	0.0293	0.0019	2.23	0.16			
171	173		2	26.4	0.214	0.0922	0.0261	0.0017	0.85	0.078			
171	173		2	26.4	0.228	0.0983	0.0278	0.0018	2.18	0.20			

172	174		2	26.4	0.582	0.249	0.0698	0.0046	3.14				
172	174		2	26.4	0.818	0.350	0.0982	0.0065	3.72	0.19			
173	175		2	27.8	1.62	0.653	0.164	0.024	9.44	0.74			
173	175		2	27.8	1.31	0.528	0.132	0.019	5.48	0.53			
174	176		2	27.8	1.26	0.442	0.089	0.016	6.75	0.35			
174	176		2	27.8	1.22	0.428	0.087	0.015	4.60	0.27			
175	177		2	27.4	6.86	1.633	0.350	0.086	21.0	2.16			
175	177		2	27.4	12.09	2.877	0.617	0.152	43.8	4.05			
176	178		2	26.4	1.63	0.409	0.0750	0.021	3.41	0.25			
176	178		2	26.4	1.60	0.402	0.0736	0.020	3.05	0.26			
177	179		2	27.4	2.78	0.670	0.111	0.035	13.7	0.70			
177	179		2	27.4	2.10	0.506	0.0840	0.026	6.51	0.29			
178	180		2	27.4	17.67	4.258	0.972	0.223	41.0	4.76			
179	181		2	27.8	0.588	0.246	0.0564	0.009	2.90	0.14			
179	181		2	27.8	0.493	0.207	0.0473	0.007	1.68	0.15			
180	182		2	27.2	5.90	2.301	0.643	0.087	18.8	1.26			
180	182		2	27.2	3.27	1.275	0.356	0.048	12.5	1.11			
181	183		2	27.4	1.46	0.587	0.147	0.022	6.56	0.50			
181	183		2	27.4	0.607	0.244	0.0613	0.0090	2.29	0.30			
181	183		2	27.5	0.382	0.154	0.0386	0.0057	1.67	0.34			
181	183		2	27.5	0.23	0.092	0.0232	0.0034	1.13	0.058			
181	183		2	27.5	0.278	0.112	0.0281	0.0041	0.80	0.081			
181	183		2	27	1.13	0.454	0.114	0.0167	5.79	0.44			
181	183		2	27	1.5	0.603	0.152	0.022	7.47	0.58			
181	183		2	26.9	0.595	0.239	0.0601	0.0088	2.29	0.23			
181	183		2	26.9	0.748	0.301	0.0755	0.011	2.57	0.28			
181	183		2	25.7	2.32	0.933	0.234	0.034	5.40	0.26			
181	183		2	25.7	1.45	0.583	0.146	0.021	5.69	0.58			
182	184		2	27.8	91.47	41.89	7.59	1.19	39.2	5.02			
183	185		2	27.2	50.68	23.21	4.206	0.659	35.1				
184	186		2	27.8	2.6	0.608	0.099	0.034	2.11	0.022			
184	186		2	27.8	2.66	0.622	0.101	0.035	2.68	0.070			
185	187		2	26.4	5.5	1.705	0.281	0.072	10.5	0.12			
186	188		2	26.4	8.16	2.220	0.367	0.106	6.11				
186	188		2	26.4	7.32	1.991	0.329	0.095	6.18				
186	188		2	27.8	1.53	0.416	0.069	0.020	5.03	0.42			
187	189		2	27.8	1.61	0.472	0.100	0.021	3.58	0.30			
188	190		2	27.2	18.95	7.67	1.46	0.25	28.5	2.12			
188	190		2	27.2	16.88	6.84	1.30	0.22	34.0	1.99			
188	190		2	27.2	16.09	6.52	1.24	0.21	29.9	2.03			
189	191		2	27.4	30.14	12.03	2.59	0.39	15.9	2.59			
190	192		2	27.4	0.592	0.204	0.047	0.0021	0.92	0.072			
191	193		2	27.5	0.4	0.138	0.032	0.0014	3.17	0.081			
191	193		2	27.5	0.502	0.173	0.040	0.0018	2.06	0.11			
192	194		2	27.4	1.11	0.383	0.088	0.0039	5.27	0.41			
192	194		2	27.4	0.391	0.135	0.031	0.0014	4.09	0.23			
193	195		2	27.4	0.901	0.311	0.071	0.0032	4.85	0.43			
193	195		2	27.4	0.566	0.195	0.045	0.0020	3.09	0.46			
194	196		2	27	4.94	0.227	0.020	0.0049	7.27	0.20			
195	197		2	25.7	86.6	3.984	0.346	0.0866	32.2	4.08			
195	197		2	25.7	42.09	1.936	0.168	0.042	24.3	2.58			

195	197		2	25.7	117.2	5.391	0.469	0.117	34.9	5.32			
196	198		2	27.4	5.69	0.262	0.0228	0.0057	13.9	0.80			
196	198		2	27.4	6.45	0.297	0.0258	0.0065	7.11	0.25			
196	198		2	27.4	1.91	0.088	0.0076	0.0019	5.78	0.23			
196	198		2	27.4	5.45	0.251	0.0218	0.0055	14.7	0.64			
197	199		2	25.7	39.44	1.814	0.1578	0.0394	13.1	1.57			
197	199		2	25.7	90.6	4.168	0.3624	0.0906	43.9	5.93			
198	200		2	26.4	30.52	12.15	3.327	0.427	115.6	6.58			
199	201		2	26.4	43.94	17.49	4.789	0.615	197.2	13.64			
199	201		2	26.4	23.05	9.174	2.512	0.323	117.6	8.69			
200	202		2	28.4	12.2	4.856	1.330	0.171	54.9	4.47			
200	202		2	28.4	18.7	7.443	2.038	0.262	85.0	6.82			
200	202		2	28.4	64.3	25.59	7.009	0.900	259.0	23.45			
201	203		2	29	0.0775	0.0322	0.00746	0.00061		0.0397			
201	203		2	29	0.0343	0.0143	0.00330	0.00027		0.0159			
201	203		2	29	0.0206	0.0086	0.00198	0.00016		0.0091			
201	203		2	29	0.0196	0.0082	0.00189	0.00016		0.0066			
201	203		2	29	0.019	0.0079	0.00183	0.00015		0.0066			
201	203		2	29	0.0356	0.0148	0.00343	0.00028		0.0059			
202	204		2	29	0.0102	0.0042	0.00098	0.000081		0.0099			
202	204		2	29	0.012	0.0050	0.00115	0.000095		0.0063			
202	204		2	29	0.011	0.0046	0.00106	0.000087		0.0025			
202	204		2	29	0.0098	0.0041	0.00094	0.000077		0.0088			
202	204		2	29	0.0105	0.0044	0.00101	0.000083		0.0042			
202	204		2	29	0.0098	0.0041	0.00094	0.000077		0.0088			
202	204		2	29	0.0106	0.00441	0.00102	0.000084		0.0052			
202	204		2	29	0.0148	0.00616	0.00142	0.00012		0.0052			
202	204		2	29	0.0341	0.0142	0.00328	0.00027		0.0034			
202	204		2	29	0.0066	0.0027	0.00064	0.000052		0.0063			
202	204		2	29	0.0116	0.0048	0.00112	0.000092		0.0034			
203	205		2	29	0.0173	0.00720	0.00166	0.00014		0.0054			
203	205		2	29	0.0157	0.00653	0.00151	0.00012		0.0037			
203	205		2	29	0.0184	0.00765	0.00177	0.00015		0.006			
203	205		2	29	0.0193	0.00803	0.00186	0.00015		0.0049			
203	205		2	29	0.0232	0.00965	0.00223	0.00018		0.006			
203	205		2	29	0.0108	0.00449	0.00104	0.00009		0.0105			
203	205		2	29	0.0131	0.00545	0.00126	0.00010		0.0043			
203	205		2	29	0.0161	0.00670	0.00155	0.00013		0.0071			
204	206		2	29	0.0172	0.00716	0.00166	0.00014		0.0091			
204	206		2	29	0.0095	0.00395	0.00091	0.000075		0.0093			
204	206		2	29	0.0201	0.00836	0.00193	0.00016		0.0088			
204	206		2	29	0.0086	0.00358	0.00083	0.000068		0.0065			
204	206		2	29	0.0116	0.00483	0.00112	0.000092		0.006			
204	206		2	29	0.0287	0.0119	0.00276	0.00023		0.0127			
204	206		2	29	0.0195	0.00811	0.00188	0.00015		0.0071			
204	206		2	29	0.0206	0.00857	0.00198	0.00016		0.0077			
205	207		2	29	0.0066	0.00275	0.00064	0.000052		0.0116			
205	207		2	29	0.0079	0.00329	0.00076	0.000062		0.0072			
205	207		2	29	0.0088	0.00366	0.00085	0.000070		0.0042			
205	207		2	29	0.004	0.00166	0.00039	0.000032		0.0019			
205	207		2	29	0.0091	0.00379	0.00088	0.000072		0.0033			

205	207		2	29	0.0078	0.00325	0.00075	0.000062		0.0033		
205	207		2	29	0.0083	0.00345	0.00080	0.000066		0.0036		
205	207		2	29	0.0081	0.00337	0.00078	0.000064		0.0039		
205	207		2	29	0.0108	0.00449	0.00104	0.000085		0.0064		
205	207		2	29	0.0092	0.00383	0.00089	0.000073		0.0048		
205	207		2	29	0.0028	0.00117	0.00027	0.000022		0.0030		
205	207		2	29	0.002	0.00083	0.00019	0.000016		0.0053		
205	207		2	29	0.002	0.00083	0.00019	0.000016		0.0017		
205	207		2	29	0.0018	0.00075	0.00017	0.000014		0.0015		
205	207		2	29	0.0023	0.00096	0.00022	0.000018		0.0048		
205	207		2	29	0.0017	0.00071	0.00016	0.000013		0.0022		
206	208		2	29	0.0562	0.0159	0.00441	0.00035		0.0058		
206	208		2	29	0.0833	0.0236	0.00653	0.00053		0.0047		
206	208		2	29	0.07	0.0198	0.00549	0.00044		0.0204		
206	208		2	29	0.0686	0.0194	0.00538	0.00043		0.0302		
206	208		2	29	0.0933	0.0264	0.00732	0.00059		0.0546		
207	209		2	29	0.0312	0.0130	0.00300	0.000246		0.0245		
208	210		2	29	0.0109	0.00453	0.00105	0.000086		0.0186		
208	210		2	29	0.01	0.00416	0.00096	0.000079		0.0227		
208	210		2	29	0.0096	0.00399	0.00092	0.000076		0.0765		
208	210		2	29	0.0109	0.00453	0.00105	0.000086		0.0538		
208	210		2	29	0.0105	0.00437	0.00101	0.000083		0.188		
208	210		2	29	0.0131	0.00545	0.00126	0.000103		0.0331		
208	210		2	29	0.0108	0.00449	0.00104	0.000085		0.0289		
208	210		2	29	0.0131	0.00545	0.00126	0.000103		0.0331		
208	210		2	29	0.0117	0.00487	0.00113	0.000092		0.0331		
208	210		2	29	0.0112	0.00466	0.00108	0.000088		0.0227		
209	211		2	26.5	0.44	0.03168	0.0127	0.00075		0.0196	0.00029	
209	211		2	26.5	0.92	0.0662	0.0266	0.0016		0.0484	0.0058	
209	211		2	26.5	0.54	0.0389	0.0156	0.0009		0.0406	0.0035	
209	211		2	26.5	0.55	0.0396	0.0159	0.0009		0.0236	0.0029	
209	211		2	26.5	0.98	0.0706	0.0283	0.0017		0.0445	0.0059	
210	212		2	26.5	0.404	0.1143	0.0317	0.0025		0.119	0.0173	
210	212		2	26.5	0.0688	0.0195	0.00539	0.00043		0.0440	0.0043	
210	212		2	26.5	0.0625	0.0177	0.00490	0.00039		0.0288	0.003	
210	212		2	26.5	0.0578	0.0164	0.00453	0.00036		0.0275	0.0027	
210	212		2	26.5	0.0518	0.0147	0.00406	0.00033		0.0220	0.003	
211	213		2	27	0.0313	0.0116	0.00245	0.00039		0.0263		
211	213		2	27	0.0255	0.00941	0.00200	0.00032		0.0143		
211	213		2	27	0.0255	0.00941	0.00200	0.00032		0.0142		
211	213		2	27	0.0083	0.00306	0.00065	0.00011		0.0283		
211	213		2	27	0.0047	0.00173	0.00037	0.00006		0.0755		
211	213		2	27	0.0255	0.00941	0.00200	0.00032		0.0073		
211	213		2	27	0.018	0.00664	0.00141	0.00023		0.0100		
212	214		2	27	0.0214	0.00890	0.00206	0.00017		0.0134		
212	214		2	27	0.0229	0.00953	0.00220	0.00018		0.0120		
212	214		2	27	0.0202	0.00840	0.00194	0.00016		0.0246		
212	214		2	27	0.0214	0.00890	0.00206	0.00017		0.0236		
212	214		2	27	0.0118	0.00491	0.00114	0.00009		0.0312		
212	214		2	27	0.0251	0.0104	0.00242	0.00020		0.0240		
212	214		2	27	0.0187	0.00778	0.00180	0.00015		0.0231		

212	214		2	27	0.0227	0.00944	0.00218	0.00018		0.0237			
212	214		2	27	0.0195	0.00811	0.00188	0.00015		0.0296			
212	214		2	27	0.0152	0.00632	0.00146	0.00012		0.0347			
212	214		2	27	0.0227	0.00944	0.00218	0.00018		0.0232			
213	215		2	27	0.0062	0.00258	0.00060	0.000049		0.0074			
213	215		2	27	0.0062	0.00258	0.00060	0.000049		0.0121			
213	215		2	27	0.0061	0.00254	0.00059	0.000048		0.0337			
213	215		2	27	0.005	0.00208	0.00048	0.00004		0.0160			
213	215		2	27	0.0086	0.00358	0.00083	0.000068		0.0101			
213	215		2	27	0.0074	0.00308	0.00071	0.000058		0.0100			
213	215		2	27	0.0049	0.00204	0.00047	0.000039		0.0214			
213	215		2	27	0.0044	0.00183	0.00042	0.000035		0.0338			
213	215		2	27	0.0034	0.00141	0.00033	0.000027		0.0138			
213	215		2	27	0.006	0.00250	0.00058	0.000047		0.0067			
213	215		2	27	0.0036	0.00150	0.00035	0.000028		0.0087			
213	215		2	27	0.005	0.00208	0.00048	0.00004		0.0080			
214	216		2	27	0.015	0.00554	0.00118	0.00019		0.0232			
214	216		2	27	0.0147	0.00542	0.00115	0.00019		0.0163			
215	217		2	27	0.0104	0.00384	0.00081	0.00013		0.0211			
215	217		2	27	0.0099	0.00365	0.00078	0.00013		0.0138			
215	217		2	27	0.0377	0.0139	0.00295	0.00048		0.0170			
215	217		2	27	0.0157	0.0058	0.00123	0.00020		0.0048			
216	218		2	27	0.0262	0.0109	0.00252	0.00021		0.0230			
217	219		2	27	0.0081	0.0034	0.00078	0.000064		0.0046			
217	219		2	27	0.0148	0.0062	0.00142	0.00012		0.0059			
217	219		2	27	0.0096	0.0040	0.00092	0.000076		0.0073			
217	219		2	27	0.0093	0.0039	0.00090	0.000073		0.0040			
217	219		2	27	0.0025	0.0010	0.00024	0.00002		0.0052			
217	219		2	27	0.0022	0.0009	0.00021	0.000017		0.0038			
217	219		2	27	0.0058	0.0024	0.00056	0.000046		0.0059			
217	219		2	27	0.0041	0.0017	0.00039	0.000032		0.0133			
217	219		2	27	0.0044	0.0018	0.00042	0.000035		0.0235			
217	219		2	27	0.0025	0.0010	0.00024	0.00002		0.0025			
217	219		2	27	0.0031	0.0013	0.00030	0.000024		0.0017			
217	219		2	27	0.0011	0.0005	0.00011	0.000009		0.0036			
217	219		2	27	0.0045	0.0019	0.00043	0.000036		0.0022			
217	219		2	27	0.0032	0.0013	0.00031	0.000025		0.0015			
218	220		2	27	0.092	0.0383	0.0089	0.00073		0.0444			
218	220		2	27	0.1026	0.0427	0.0099	0.00081		0.0303			
218	220		2	27	0.1053	0.0438	0.0101	0.00083		0.0329			
218	220		2	27	0.0817	0.0340	0.0079	0.00065		0.0349			
218	220		2	27	0.05	0.0208	0.0048	0.00040		0.0257			
218	220		2	27	0.0247	0.0103	0.0024	0.00020		0.0072			
218	220		2	27	0.0927	0.0386	0.0089	0.00073		0.0518			
218	220		2	27	0.0693	0.0288	0.0067	0.00055		0.0221			
218	220		2	27	0.0961	0.0400	0.0092	0.00076		0.0356			
218	220		2	27	0.1036	0.0431	0.0100	0.00082		0.0396			
218	220		2	27	0.0929	0.0386	0.0089	0.00073		0.0208			
218	220		2	27	0.0984	0.0409	0.0095	0.00078		0.0274			
218	220		2	27	0.0604	0.0251	0.0058	0.00048		0.0211			
218	220		2	27	0.0565	0.0235	0.0054	0.00045		0.0155			

218	220		2	27	0.1151	0.0479	0.0111	0.00091		0.0255		
218	220		2	27	0.067	0.0279	0.0064	0.00053		0.006		
218	220		2	27	0.1072	0.0446	0.0103	0.00085		0.0393		
218	220		2	27	0.0666	0.0277	0.0064	0.00053		0.0234		
219	221		2	27	0.0612	0.0255	0.0059	0.00048		0.0135		
219	221		2	27	0.0655	0.0272	0.0063	0.00052		0.0092		
219	221		2	27	0.0638	0.0265	0.0061	0.00050		0.0021		
219	221		2	27	0.074	0.0308	0.0071	0.00059		0.0493		
219	221		2	27	0.0272	0.0113	0.0026	0.00022		0.0200		
219	221		2	27	0.0646	0.0269	0.0062	0.00051		0.0195		
219	221		2	27	0.0329	0.0137	0.0032	0.00026		0.0138		
219	221		2	27	0.0267	0.0111	0.00257	0.00021		0.0258		
219	221		2	27	0.0582	0.0242	0.00560	0.00046		0.0197		
219	221		2	27	0.0524	0.0218	0.00504	0.00041		0.0063		
219	221		2	27	0.0584	0.0243	0.00562	0.00046		0.0108		
219	221		2	27	0.021	0.0087	0.00202	0.00017		0.0292		
219	221		2	27	0.0221	0.0092	0.00213	0.00018		0.0153		
219	221		2	27	0.0651	0.0271	0.00626	0.00051		0.0217		
219	221		2	27	0.028	0.0116	0.00269	0.00022		0.0056		
219	221		2	27	0.0241	0.0100	0.00232	0.00019		0.0074		
219	221		2	27	0.031	0.0129	0.00298	0.00025		0.0060		
219	221		2	27	0.0651	0.0271	0.00626	0.00051		0.0201		
219	221		2	27	0.0306	0.0127	0.00294	0.00024		0.0284		
219	221		2	27	0.023	0.0096	0.00221	0.00018		0.0051		
219	221		2	27	0.026	0.0108	0.00250	0.00021		0.0205		
219	221		2	27	0.0662	0.0275	0.00637	0.00052		0.0419		
219	221		2	27	0.0682	0.0284	0.00656	0.00054		0.0085		
219	221		2	27	0.028	0.0116	0.00269	0.00022		0.0038		
219	221		2	27	0.0242	0.0101	0.00233	0.00019		0.062		
219	221		2	27	0.0262	0.0109	0.00252	0.00021		0.042		
220	222		2	27	0.0145	0.0060	0.00140	0.00012		0.0051		
220	222		2	27	0.0147	0.0061	0.00141	0.00012		0.0132		
220	222		2	27	0.0231	0.0096	0.00222	0.00018		0.0099		
221	223		2	27	0.0173	0.0072	0.00166	0.00014		0.0058		
222	224		2	27	0.0166	0.0069	0.00160	0.00013		0.0201		
223	225		2	28.5	0.0947	0.0283	0.00845	0.00094		0.0613	0.0036	
223	225		2	28.5	0.0378	0.0113	0.00337	0.00037		0.0593	0.0036	
223	225		2	28.5	0.05	0.0150	0.00446	0.00050		0.0352	0.0036	
223	225		2	28.5	0.128	0.0383	0.0114	0.0013		0.104	0.0073	
223	225		2	28.5	0.0448	0.0134	0.00400	0.00044		0.0918	0.0081	
223	225		2	28.5	0.0706	0.0211	0.00630	0.00070		0.055	0.0053	
223	225		2	28.5	0.0808	0.0242	0.00721	0.0008		0.0589	0.0045	
223	225		2	28.5	0.0925	0.0277	0.00825	0.00092		0.0355	0.0032	
223	225		2	28.5	0.04	0.0120	0.00357	0.00040		0.0348	0.0031	
223	225		2	28.5	0.0826	0.0247	0.00737	0.00082		0.0445	0.0045	
223	225		2	28.5	0.104	0.0311	0.00928	0.00103		0.0477	0.005	
223	225		2	28.5	0.101	0.0302	0.00901	0.00100		0.0475	0.0057	
223	225		2	28.5	0.0478	0.0143	0.00426	0.00047		0.044	0.0033	
223	225		2	28.5	0.0236	0.0071	0.00211	0.00023		0.034	0.0048	
223	225		2	28.5	0.03	0.0090	0.00268	0.00030		0.0293	0.0034	
223	225		2	28.5	0.0747	0.0223	0.00666	0.00074		0.0355	0.0034	

224	226		2	28.5	0.035	0.0146	0.00337	0.00028		0.0899	0.0034	
224	226		2	28.5	0.0209	0.0087	0.00201	0.00017		0.0438	0.0031	
224	226		2	28.5	0.0312	0.0130	0.00300	0.00025		0.0126	0.0028	
224	226		2	28.5	0.0183	0.0076	0.00176	0.00015		0.0121	0.0035	
224	226		2	28.5	0.0247	0.0103	0.00238	0.00020		0.0184	0.0021	
224	226		2	28.5	0.0342	0.0142	0.00329	0.00027		0.0638	0.0028	
224	226		2	28.5	0.024	0.0100	0.00231	0.00019		0.0257	0.0025	
224	226		2	28.5	0.0187	0.0078	0.00180	0.00015		0.0597	0.0018	
224	226		2	28.5	0.017	0.0071	0.00164	0.00013		0.0147	0.0018	
224	226		2	28.5	0.0163	0.0068	0.00157	0.00013		0.0107	0.0014	
224	226		2	28.5	0.0189	0.0079	0.00182	0.00015		0.0252	0.0018	
224	226		2	28.5	0.022	0.0092	0.00212	0.00017		0.0649	0.0022	
224	226		2	28.5	0.0151	0.0063	0.00145	0.00012		0.0393	0.0014	
224	226		2	28.5	0.014	0.0058	0.00135	0.00011		0.0304	0.0016	
224	226		2	28.5	0.0313	0.0130	0.00301	0.00025			0.0021	
224	226		2	28.5	0.0433	0.0180	0.00417	0.00034		0.0409	0.0034	
225	227		2	28.5	0.0266	0.0098	0.00208	0.00034		0.0336	0.0019	
225	227		2	28.5	0.037	0.0137	0.00290	0.00047		0.0388	0.0009	
225	227		2	28.5	0.015	0.0055	0.00118	0.00019		0.0516	0.001	
225	227		2	28.5	0.0092	0.0034	0.00072	0.00012		0.0311	0.0006	
225	227		2	28.5	0.0103	0.0038	0.00081	0.00013		0.0267	0.001	
225	227		2	28.5	0.009	0.0033	0.00071	0.00011		0.0398	0.0006	
225	227		2	28.5	0.0072	0.0027	0.00056	0.00009		0.038	0.0017	
225	227		2	28.5	0.0107	0.0039	0.00084	0.00014		0.0219	0.0017	
225	227		2	28.5	0.0064	0.0024	0.00050	0.00008		0.0431	0.0017	
225	227		2	28.5	0.0112	0.0041	0.00088	0.00014		0.0473	0.0017	
225	227		2	28.5	0.0057	0.0021	0.00045	0.00007		0.022	0.0017	
226	228		2	28.5	0.0114	0.0042	0.00089	0.00014		0.0065	0.0003	
226	228		2	28.5	0.0159	0.0059	0.00125	0.00020		0.0175	0.0007	
227	229		2	28.5	0.0215	0.0064	0.00192	0.00021		0.0093	0.0027	
227	229		2	28.5	0.0195	0.0058	0.00174	0.00019		0.0465	0.0027	
228	230		2	28	0.1107	0.0331	0.00987	0.00110		0.0638	0.0048	
228	230		2	28	0.049	0.0147	0.00437	0.00049		0.0403	0.0036	
228	230		2	28	0.0657	0.0196	0.00586	0.00065		0.0403	0.006	
228	230		2	28	0.0424	0.0127	0.00378	0.00042		0.0499	0.0036	
228	230		2	28	0.0922	0.0276	0.00822	0.00091		0.0457	0.006	
228	230		2	28	0.1012	0.0303	0.00903	0.00100		0.0499	0.0048	
228	230		2	28	0.0529	0.0158	0.00472	0.00052		0.0341	0.0079	
228	230		2	28	0.0413	0.0123	0.00368	0.00041		0.0578	0.0036	
228	230		2	28	0.0852	0.0255	0.00760	0.00084		0.047	0.0059	
228	230		2	28	0.0595	0.0178	0.00531	0.00059		0.0279	0.0029	
228	230		2	28	0.0511	0.0153	0.00456	0.00051		0.0325	0.0029	
228	230		2	28	0.0703	0.0210	0.00627	0.00070		0.0489	0.0055	
228	230		2	28	0.0704	0.0211	0.00628	0.00070		0.0434	0.0055	
228	230		2	28	0.0416	0.0124	0.00371	0.00041		0.0334	0.0025	
228	230		2	28	0.083	0.0248	0.00740	0.00082		0.0415	0.0042	
228	230		2	28	0.0382	0.0114	0.00341	0.00038		0.0436	0.0033	
229	231		2	28	0.0301	0.0125	0.00290	0.00024		0.102	0.0068	
229	231		2	28	0.0609	0.0253	0.00586	0.00048		0.0346	0.0045	
229	231		2	28	0.0581	0.0242	0.00559	0.00046		0.0449	0.0084	
229	231		2	28	0.0622	0.0259	0.00598	0.00049		0.0221	0.003	

229	231		2	28	0.0363	0.0151	0.00349	0.00029		0.0352	0.0145		
229	231		2	28	0.0679	0.0282	0.00653	0.00054		0.0305	0.01		
229	231		2	28	0.0648	0.0270	0.00623	0.00051		0.0222	0.0084		
229	231		2	28	0.0551	0.0229	0.00531	0.00044		0.0469	0.0469		
229	231		2	28	0.05	0.0208	0.00481	0.00040		0.125	0.0115		
229	231		2	28	0.055	0.0229	0.00529	0.00044		0.0187	0.0138		
230	232		2	28	0.0155	0.00645	0.00149	0.00012		0.0098	0.004		
230	232		2	28	0.0185	0.00770	0.00178	0.00015		0.0098	0.003		
230	232		2	28	0.015	0.00624	0.00144	0.00012		0.0091	0.003		
230	232		2	28	0.0177	0.00736	0.00170	0.00014		0.0107	0.0024		
230	232		2	28	0.0183	0.00761	0.00176	0.00015		0.0128	0.0017		
230	232		2	28	0.0191	0.00795	0.00184	0.00015		0.0129	0.0027		
230	232		2	28	0.0153	0.00637	0.00147	0.00012		0.0136	0.0037		
230	232		2	28	0.0152	0.00632	0.00146	0.00012		0.0092	0.0048		
231	233		2	28	0.1078	0.0305	0.00845	0.00068		0.0532			
231	233		2	28	0.489	0.1384	0.03834	0.00308		0.0448			
231	233		2	28	0.0326	0.0092	0.00256	0.00021		0.032			
231	233		2	28	0.0981	0.0278	0.00769	0.00062		0.0587			
231	233		2	28	0.1186	0.0336	0.00930	0.00075		0.0413			
231	233		2	28	0.03	0.0085	0.00235	0.00019		0.0059			
231	233		2	28	0.098	0.0277	0.00768	0.00062		0.0734			
231	233		2	28	0.425	0.120	0.033	0.0027		0.155	0.056		
231	233		2	28	0.251	0.071	0.020	0.0016		0.0699	0.0073		
231	233		2	28	0.068	0.0192	0.00533	0.00043		0.0744			
232	234		2	28	0.0573	0.0238	0.00551	0.00045		0.0066			
232	234		2	28	0.05	0.0208	0.00481	0.00040		0.0139			
232	234		2	28	0.0512	0.0213	0.00493	0.00040		0.0139	0.002		
232	234		2	28	0.0574	0.0239	0.00552	0.00045		0.0102	0.0013		
232	234		2	28	0.0612	0.0255	0.00589	0.00048		0.0102	0.0013		
232	234		2	28	0.0493	0.0205	0.00474	0.00039		0.0157	0.0013		
232	234		2	28	0.0536	0.0223	0.00516	0.00042		0.0139	0.0013		
232	234		2	28	0.0565	0.0235	0.00544	0.00045		0.0108			
232	234		2	28	0.0663	0.0276	0.00638	0.00052		0.0338	0.0026		
232	234		2	28	0.0663	0.0276	0.00638	0.00052		0.0066	0.0026		
233	235		2	30	0.67	0.0482	0.0194	0.0011		0.311	0.104		
233	235		2	30	0.92	0.0662	0.0266	0.0016		0.129	0.032		
233	235		2	30	0.59	0.0425	0.0171	0.0010		0.075	0.01		
233	235		2	30	0.51	0.0367	0.0147	0.0009		0.297	0.0049		
233	235		2	30	0.59	0.0425	0.0171	0.0010		0.137	0.01		
233	235		2	30	0.52	0.0374	0.0150	0.0009		0.311	0.037		
233	235		2	30	0.44	0.0317	0.0127	0.0007		0.176	0.0072		
233	235		2	30	0.58	0.0418	0.0168	0.0010		0.305	0.011		
233	235		2	30	0.85	0.0612	0.0246	0.0014		0.340	0.0071		
233	235		2	30	0.35	0.0252	0.0101	0.0006		0.227	0.0071		
234	236		2	30	0.0752	0.0313	0.00723	0.00059		0.0409	0.0025		
235	237		2	30	0.0807	0.0336	0.00776	0.00064		0.0264	0.0109		
236	238		2	30	0.0381	0.0159	0.00367	0.00030		0.0755			
237	239		2	27.7	0.0207	0.0086	0.00199	0.00016		0.0068			
237	239		2	27.7	0.0190	0.0079	0.00183	0.00015		0.0069			
237	239		2	27.7	0.0184	0.0077	0.00177	0.00015		0.0093			
237	239		2	27.7	0.021	0.0087	0.00202	0.00017		0.0072			

237	239		2	27.7	0.0224	0.0093	0.00216	0.00018		0.0329		
237	239		2	27.7	0.017	0.0071	0.00164	0.00013		0.0103		
237	239		2	27.7	0.017	0.0071	0.00164	0.00013		0.0225		
237	239		2	27.7	0.0193	0.0080	0.00186	0.00015		0.0179		
237	239		2	27.7	0.0186	0.0077	0.00179	0.00015		0.0076		
237	239		2	27.7	0.0198	0.0082	0.00191	0.00016		0.0084		
238	240		2	28	0.0163	0.0068	0.00157	0.00013		0.0253	0.0005	
238	240		2	28	0.0133	0.0055	0.00128	0.00011		0.0234		
238	240		2	28	0.0164	0.0068	0.00158	0.00013		0.0189	0.0005	
238	240		2	28	0.019	0.0079	0.00183	0.00015		0.0229	0.0021	
238	240		2	28	0.0177	0.0074	0.00170	0.00014		0.0278	0.0022	
238	240		2	28	0.0182	0.0076	0.00175	0.00014		0.0238	0.0022	
238	240		2	28	0.0161	0.0067	0.00155	0.00013		0.0144	0.0022	
238	240		2	28	0.0168	0.0070	0.00162	0.00013		0.0308	0.0022	
239	241		1	27.5	0.000066	0.000028	0.000008	0.000001		0.000224	0.000045	
239	241		1	27.5	0.000163	0.000070	0.000019	0.000001		0.000187	0.000047	
239	241		1	27.5	0.000166	0.000071	0.000019	0.000001		0.000199	0.000047	
239	241		1	27.5	0.000145	0.000062	0.000017	0.000001		0.000210	0.000047	
239	241		1	27.5	0.00005	0.000021	0.000006			0.000190	0.000052	
239	241		1	27.5	0.000165	0.000071	0.000019	0.000001		0.000241	0.000048	
239	241		1	27.5	0.000134	0.000057	0.000016	0.000001		0.000189	0.000036	
239	241		1	27.5	0.000073	0.000031	0.000008	0.000001		0.000201	0.000042	
239	241		1	27.5	0.000103	0.000044	0.000012	0.000001		0.000259	0.000032	
239	241		1	27.5	0.000144	0.000062	0.000017	0.000001		0.000115	0.000048	
239	241		1	27.5	0.000144	0.000062	0.000017	0.000001		0.000076	0.000014	
239	241		1	27.5	0.000176	0.000076	0.00002	0.000001		0.000203	0.000041	
239	241		1	27.5	0.000171	0.000073	0.00002	0.000001		0.000155	0.000032	
239	241		1	27.5	0.000167	0.000072	0.000019	0.000001		0.000185	0.000032	
239	241		1	27.5	0.00016	0.000069	0.000019	0.000001		0.000163	0.000038	
239	241		1	27.5	0.000185	0.000079	0.000021	0.000001		0.000174	0.000039	
239	241		1	27.5	0.000197	0.000085	0.000023	0.000002		0.000158	0.000038	
239	241		1	27.5	0.000158	0.000068	0.000018	0.000001		0.000151	0.000036	
239	241		1	27.5	0.000247	0.000106	0.000029	0.000002		0.000219	0.000087	
239	241		1	27.5	0.000187	0.00008	0.000022	0.000001		0.000133	0.000031	
239	241		1	27.5	0.000114	0.000049	0.000013	0.000001		0.000086	0.000021	
239	241		1	27.5	0.00014	0.00006	0.000016	0.000001		0.000114	0.000027	
239	241		1	27.5	0.00011	0.000047	0.000013	0.000001		0.000093	0.000021	
239	241		1	27.5	0.000093	0.00004	0.000011	0.000001		0.000071	0.000018	
239	241		1	27.5	0.000097	0.000042	0.000011	0.000001		0.000104	0.000022	
239	241		1	27.5	0.000122	0.000052	0.000014	0.000001		0.000129	0.000041	
239	241		1	27.5	0.000161	0.000069	0.000019	0.000001		0.000083	0.000017	
239	241		1	27.5	0.000093	0.000040	0.000011	0.000001		0.000080	0.000019	
239	241		1	27.5	0.00022	0.000094	0.000026	0.000002		0.000078	0.000017	
239	241		1	27.5	0.000104	0.000045	0.000012	0.000001		0.000081	0.00002	
239	241		1	26.5	0.000165	0.000071	0.000019	0.000001		0.000189	0.000198	
239	241		1	26.5	0.000213	0.000091	0.000025	0.000002		0.000283	0.000199	
239	241		1	26.5	0.000383	0.000164	0.000044	0.000003		0.000438	0.000098	
239	241		1	26.5	0.00035	0.00015	0.000041	0.000003		0.000402	0.000136	
239	241		1	26.5	0.000317	0.000136	0.000037	0.000003		0.000292	0.000132	
239	241		1	26.5	0.000536	0.00023	0.000062	0.000004		0.000409	0.000116	
239	241		1	26.5	0.000804	0.000345	0.000093	0.000006		0.000148	0.000099	

239	241		1	26.5	0.000198	0.000085	0.000023	0.000002		0.000115	0.000072		
239	241		1	26.5	0.000207	0.000089	0.000024	0.000002		0.000160	0.00012		
239	241		1	26.5	0.000247	0.000106	0.000029	0.000002		0.000318	0.000141		
239	241		1	26.5	0.000231	0.000099	0.000027	0.000002		0.000237	0.000036		
239	241		1	26.5	0.000243	0.000104	0.000028	0.000002		0.000070	0.000062		
239	241		1	26.5	0.000226	0.000097	0.000026	0.000002		0.000204	0.000065		
239	241		1	26.5	0.000217	0.000093	0.000025	0.000002		0.000384	0.0000066		
239	241		1	26.5	0.000047	0.000020	0.000005			0.000117	0.000037		
239	241		1	26.5	0.000124	0.000053	0.000014	0.000001		0.000194	0.000041		
239	241		1	26.5	0.000181	0.000078	0.000021	0.000001		0.000148	0.000028		
239	241		1	26.5	0.000123	0.000053	0.000014	0.000001		0.000145	0.00004		
239	241		1	26.5	0.000205	0.000088	0.000024	0.000002		0.000204	0.000035		
239	241		1	26.5	0.000136	0.000058	0.000016	0.000001		0.000239	0.000047		
239	241		1	26.5	0.000243	0.000104	0.000028	0.000002		0.000159	0.000035		
239	241		1	26.5	0.000317	0.000136	0.000037	0.000003		0.000154	0.00001		
239	241		1	26.5	0.000098	0.000042	0.000011	0.000001		0.000134	0.00002		
239	241		1	26.5	0.000142	0.000061	0.000016	0.000001		0.000135	0.000024		
239	241		1	26.5	0.000101	0.000043	0.000012	0.000001		0.000293	0.000017		
239	241		1	26.5	0.000417	0.000179	0.000048	0.000003		0.000271	0.000016		
239	241		1	26.5	0.000569	0.000244	0.000066	0.000004		0.000161	0.000013		
239	241		1	26.5	0.000138	0.000059	0.000016	0.000001		0.000183	0.000025		
239	241		1	26.5	0.000103	0.000044	0.000012	0.000001		0.000106	0.000022		
239	241		1	26.5	0.000071	0.000030	0.000008	0.000001		0.000168	0.000025		
240	242		1	29.2	0.000074	0.000032	0.000009	0.000001	0.00166				
240	242		1	29.2	0.000074	0.000032	0.000009	0.000001	0.00132				
240	242		1	29.2	0.000074	0.000032	0.000009	0.000001	0.00054				
240	242		1	29.2	0.000074	0.000032	0.000009	0.000001	0.00066				
240	242		1	29.2	0.000074	0.000032	0.000009	0.000001	0.00093				
240	242		1	27	0.000017	0.000007	0.000002		0.00062				
240	242		1	27	0.000017	0.000007	0.000002		0.00054				
240	242		1	27	0.000017	0.000007	0.000002		0.00098				
240	242		1	27	0.000017	0.000007	0.000002		0.00132				
240	242		1	27	0.000017	0.000007	0.000002		0.00094				
240	242		1	27	0.000017	0.000007	0.000002		0.00059				
240	242		1	27	0.000017	0.000007	0.000002		0.00035				
240	242		1	27	0.000017	0.000007	0.000002		0.00059				
240	242		1	27	0.000017	0.000007	0.000002		0.00040				
240	242		1	27	0.000017	0.000007	0.000002		0.00124				
241	243		1	28.8	0.000076	0.000033	0.000009	0.000001	0.00206				
241	243		1	28.8	0.000076	0.000033	0.000009	0.000001	0.00136				
241	243		1	28.8	0.000076	0.000033	0.000009	0.000001	0.00204				
241	243		1	28.8	0.000076	0.000033	0.000009	0.000001	0.00183				
241	243		1	28.8	0.000076	0.000033	0.000009	0.000001	0.00154				
241	243		1	28.8	0.000076	0.000033	0.000009	0.000001	0.00174				
242	244		1	28.8	0.00142	0.000609	0.000165	0.000011	0.00170				
242	244		1	28.8	0.00142	0.000609	0.000165	0.000011	0.00144				
242	244		1	28.8	0.00142	0.000609	0.000165	0.000011	0.00125				
242	244		1	28.8	0.00142	0.000609	0.000165	0.000011	0.00173				
242	244		1	28.8	0.00142	0.000609	0.000165	0.000011	0.00119				
242	244		1	28.8	0.00142	0.000609	0.000165	0.000011	0.00131				
243	245		1	25	0.009800	0.00042	0.000114	0.000008	0.00940				

243	245		1	25	0.009800	0.00042	0.000114	0.000008	0.00720			
243	245		1	25	0.009800	0.00042	0.000114	0.000008	0.00840			
243	245		1	25	0.009800	0.00042	0.000114	0.000008	0.00820			
243	245		1	25	0.009800	0.00042	0.000114	0.000008	0.00700			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00195			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00126			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00076			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00078			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00095			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00124			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00077			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00104			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00063			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00112			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00110			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00162			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00149			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00135			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00096			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00080			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00063			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00116			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00099			
244	246		1	25.5	0.000035	0.000015	0.000004		0.00108			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00084			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00086			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00037			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00082			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00129			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00106			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00073			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00086			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00156			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00143			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00116			
244	246		1	29.2	0.000052	0.000022	0.000006		0.00159			
245	247		1	25	0.00098	0.00042	0.00011	0.000008	0.00500			
245	247		1	25	0.00098	0.00042	0.00011	0.000008	0.00260			
245	247		1	25	0.00098	0.00042	0.00011	0.000008	0.00580			
245	247		1	25	0.00098	0.00042	0.00011	0.000008	0.00380			
245	247		1	25	0.00098	0.00042	0.00011	0.000008	0.00260			
246	248		1	25	0.00085	0.00037	0.00010	0.000007	0.00860			
246	248		1	25	0.00089	0.00038	0.00010	0.000007	0.01400			
246	248		1	25	0.00080	0.00034	0.00009	0.000006	0.00890			
246	248		1	25	0.00089	0.00038	0.00010	0.000007	0.01040			
246	248		1	25	0.00080	0.00034	0.00009	0.000006	0.00470			
246	248		1	25	0.00107	0.00046	0.00012	0.000008	0.0107			
246	248		1	25	0.0013	0.00056	0.00015	0.00001	0.0109			
246	248		1	25	0.0012	0.00052	0.00014	0.000009	0.0103			
246	248		1	25	0.00107	0.00046	0.00012	0.000008	0.0098			
246	248		1	25	0.0013	0.00056	0.00015	0.00001	0.0055			

246	248		1	25	0.0012	0.00052	0.00014	0.000009	0.0045				
247	249		2	-0.4	0.327	0.133	0.036	0.0040	0.292	0.018	0.0028		
247	249		2	-0.4	0.319	0.130	0.035	0.0039	0.350	0.021	0.0034		
247	249		2	-0.4	0.344	0.140	0.038	0.0042	0.278	0.018	0.0071		
247	249		2	-0.4	0.373	0.152	0.041	0.0045	0.356	0.024	0.0074		
247	249		2	-0.4	0.267	0.109	0.029	0.0032	0.290	0.022	0.007		
247	249		2	-0.2	0.75	0.322	0.087	0.0085	0.635	0.025	0.036		
247	249		2	-0.2	0.77	0.331	0.089	0.0087	0.609	0.022	0.011		
247	249		2	-0.2	0.756	0.325	0.088	0.0085	0.072	0.026	0.011		
247	249		2	-0.2	0.383	0.164	0.044	0.0043	0.471	0.011	0.012		
247	249		2	0	0.638	0.273	0.072	0.0071	0.567	0.032	0.019		
247	249		2	0	0.667	0.286	0.076	0.0075	0.640	0.035	0.014		
247	249		2	0	0.515	0.221	0.058	0.0058	0.661	0.047	0.017		
247	249		2	0	0.503	0.216	0.057	0.0056	0.507	0.028	0.012		
247	249		2	0	0.514	0.220	0.058	0.0058	0.452	0.029	0.022		
247	249		2	0	0.4	0.171	0.045	0.0045	0.383	0.022	0.006		
247	249		2	0	0.46	0.197	0.052	0.0052	0.506	0.035	0.010		
247	249		2	0	0.301	0.129	0.034	0.0034	0.278	0.025	0.008		
247	249		2	0	0.575	0.246	0.065	0.0064	0.482	0.083			
247	249		2	0	0.33	0.141	0.037	0.0037	0.390	0.046	0.011		
247	249		2	-1	0.536	0.232	0.059	0.0060	0.505	0.019	0.0081		
247	249		2	-1	0.449	0.194	0.050	0.0050	0.426	0.015	0.011		
247	249		2	-1	0.465	0.201	0.051	0.0052	0.513	0.008	0.011		
247	249		2	-1	0.443	0.192	0.049	0.0050	0.469	0.016	0.01		
247	249		2	-1	0.539	0.233	0.060	0.0060	0.405	0.012	0.0067		
247	249		2	-1	0.383	0.166	0.042	0.0043	0.373	0.017	0.007		
247	249		2	-1	0.4	0.173	0.044	0.0045	0.449	0.016	0.0093		
247	249		2	-1	0.332	0.144	0.037	0.0037	0.372	0.021	0.0089		
248	250		2	-0.2	0.34	0.167	0.029	0.0019	0.168	0.027	0.0068		
248	250		2	-0.2	0.388	0.191	0.033	0.0022	0.221	0.012	0.0049		
248	250		2	-0.2	0.412	0.202	0.035	0.0023	0.228	0.011			
248	250		2	-0.2	0.453	0.223	0.039	0.0026	0.193	0.015			
248	250		2	-0.2	0.375	0.184	0.032	0.0021	0.244	0.032			
249	251		2	-0.2	0.098	0.034	0.009	0.0005	0.028				
249	251		2	-0.2	0.13	0.045	0.012	0.00073	0.082				
249	251		2	-0.2	0.088	0.031	0.0084	0.00049	0.032				
249	251		2	-0.2	0.089	0.031	0.0085	0.00050	0.049				
249	251		2	-0.2	0.093	0.032	0.0089	0.00052	0.047				
249	251		2	-0.2	0.077	0.027	0.0074	0.00043	0.033				
249	251		2	-0.2	0.098	0.034	0.0094	0.00055	0.057				
249	251		2	-0.2	0.101	0.035	0.0097	0.00057	0.067				
249	251		2	-0.1	0.324	0.138	0.0248	0.0016	0.186	0.012	0.0032		
249	251		2	-0.1	0.43	0.183	0.0329	0.0021	0.154	0.024	0.003		
249	251		2	-0.1	0.346	0.147	0.0264	0.0017	0.182	0.016	0.0036		
249	251		2	-0.1	0.307	0.131	0.0235	0.0015	0.140	0.013	0.0029		
249	251		2	-0.1	0.26	0.111	0.0199	0.0012	0.121	0.0090	0.0027		
249	251		2	-0.1	0.36	0.153	0.0275	0.0017	0.134	0.025			
249	251		2	-0.1	0.234	0.100	0.0179	0.0011	0.132	0.0099	0.0023		
249	251		2	-0.1	0.451	0.192	0.0345	0.0022	0.193	0.014	0.0029		
249	251		2	-1	0.183	0.094	0.0141	0.0010	0.126	0.022	0.0014		
249	251		2	-1	0.215	0.111	0.0165	0.0012	0.127	0.0098	0.0025		

249	251		2	-1	0.247	0.127	0.0190	0.0014	0.213	0.029	0.0072		
249	251		2	-1	0.256	0.132	0.0197	0.0015	0.149	0.018	0.0031		
249	251		2	-1	0.271	0.139	0.0208	0.0015	0.161	0.0092	0.003		
249	251		2	-1	0.263	0.135	0.0202	0.0015	0.193	0.013	0.0052		
249	251		2	-1	0.229	0.118	0.0176	0.0013	0.147	0.025	0.0041		
249	251		2	-1	0.287	0.148	0.0221	0.0016	0.154	0.0092	0.0024		
249	251		2	-1	0.177	0.0695	0.0179	0.0013	0.228	0.0090	0.0036		
249	251		2	-1	0.153	0.0601	0.0155	0.0012	0.162	0.0010	0.0027		
249	251		2	-1	0.171	0.0672	0.0173	0.0013	0.183	0.0013	0.0032		
249	251		2	-1	0.155	0.0609	0.0157	0.0012	0.164	0.0015	0.0033		
250	252		2	0.1	0.215	0.0715	0.0172	0.0026	0.297				
250	252		2	0.1	0.176	0.0585	0.0141	0.0021	0.201				
251	253	A	2	0.1	0.067	0.0220	0.0060	0.0008	0.074				
251	253	A	2	0.1	0.092	0.0303	0.0083	0.0011	0.138				
251	253	A	2	0.1	0.087	0.0286	0.0078	0.0011	0.093				
251	253	A	2	0.1	0.091	0.0299	0.0082	0.0011	0.100				
251	253	A	2	0.1	0.079	0.0260	0.0071	0.0010	0.068				
251	253	A	2	0.1	0.076	0.0250	0.0068	0.0009	0.081				
252	253	B	2	0.1	0.166	0.0626	0.016	0.0022	0.196				
252	253	B	2	0.1	0.169	0.0637	0.017	0.0023	0.184				
252	253	B	2	0.1	0.146	0.0550	0.014	0.0020	0.150				
252	253	B	2	0.1	0.196	0.0739	0.0193	0.0026	0.195				
252	253	B	2	0.1	0.216	0.0814	0.0213	0.0029	0.215				
252	253	B	2	0	0.258	0.101	0.0243	0.0031	0.280	0.0054	0.0023		
252	253	B	2	0	0.25	0.097	0.0235	0.0031	0.237	0.0079	0.0018		
252	253	B	2	0	0.245	0.096	0.0231	0.0030	0.234	0.0070	0.002		
252	253	B	2	0	0.259	0.101	0.0244	0.0032	0.259	0.0052	0.0038		
252	253	B	2	0	0.238	0.093	0.0224	0.0029	0.297	0.0052	0.001		
252	253	B	2	0	0.268	0.104	0.0252	0.0033	0.282	0.0021	0.0008		
252	253	B	2	-0.5	0.102	0.0351	0.0095	0.0014	0.113	0.0034	0.0014		
252	253	B	2	-0.5	0.103	0.0354	0.0096	0.0015	0.096	0.0029	0.0009		
252	253	B	2	-0.5	0.105	0.0361	0.0098	0.0015	0.098	0.0029	0.0007		
252	253	B	2	-0.5	0.095	0.0327	0.0089	0.0013	0.092	0.0012	0.0007		
252	253	B	2	-0.5	0.112	0.0385	0.0105	0.0016	0.115	0.0030	0.0012		
252	253	B	2	-0.5	0.082	0.0282	0.0077	0.0012	0.105	0.0024	0.0008		
252	253	B	2	-0.5	0.083	0.0285	0.0078	0.0012	0.106	0.0060	0.0018		
252	253	B	2	-0.5	0.089	0.0306	0.0083	0.0013	0.089	0.0035	0.0014		
253	253	B	2	0.7	0.06	0.0206	0.0057	0.0007	0.087				
253	253	C	2	0.7	0.055	0.0189	0.0052	0.0007	0.116				
253	253	C	2	0.7	0.068	0.0233	0.0064	0.0008	0.121				
253	253	C	2	0.7	0.078	0.0267	0.0074	0.0010	0.073				
253	253	C	2	0.7	0.075	0.0257	0.0071	0.0009	0.067				
254	253	D	2	0.2	0.418	0.170	0.0422	0.0051	0.433	0.0139	0.0026		
254	253	D	2	0.2	0.436	0.178	0.0440	0.0053	0.453	0.0164	0.0028		
254	253	D	2	0.2	0.37	0.151	0.0374	0.0045	0.410	0.0181	0.0016		
254	253	D	2	0.2	0.378	0.154	0.0382	0.0046	0.428	0.0147	0.003		
254	253	D	2	0.2	0.467	0.190	0.0472	0.0057	0.392	0.0117	0.004		
254	253	D	2	0.2	0.39	0.159	0.0394	0.0048	0.384	0.0114	0.0024		
254	253	D	2	0.2	0.428	0.174	0.0432	0.0052	0.490	0.0370	0.0074		
254	253	D	2	0.2	0.466	0.190	0.0471	0.0057	0.436	0.0208	0.0047		
255	253	E	2	-0.5	0.25	0.101	0.0251	0.0031	0.221	0.0083	0.0016		

255	253	E	2	-0.5	0.245	0.099	0.0246	0.0030	0.263	0.0031		
255	253	E	2	-0.5	0.218	0.088	0.0219	0.0027	0.257	0.0075	0.0019	
255	253	E	2	-0.5	0.255	0.103	0.0256	0.0032	0.263	0.0057	0.0016	
255	253	E	2	-0.5	0.241	0.097	0.0242	0.0030	0.302	0.0057	0.0036	
255	253	E	2	-0.5	0.25	0.101	0.0251	0.0031	0.276	0.0062	0.0031	
255	253	E	2	-0.5	0.297	0.120	0.0298	0.0037	0.305	0.0080	0.0019	
255	253	E	2	-0.5	0.25	0.101	0.025	0.003	0.292	0.0095	0.0045	
256	253	F	2	-1	0.48	0.199	0.049	0.006	0.488	0.014	0.0058	
256	253	F	2	-1	0.538	0.223	0.055	0.007	0.422	0.0087	0.0063	
256	253	F	2	-1	0.436	0.180	0.044	0.005	0.463	0.014	0.0065	
256	253	F	2	-1	0.486	0.201	0.049	0.006	0.523	0.0076	0.0079	
256	253	F	2	-1	0.492	0.204	0.050	0.006	0.551	0.028	0.0076	
257	253	G	2	0.1	1.577	0.648	0.156	0.017	1.62	0.061	0.0055	
257	253	G	2	0.1	1.18	0.485	0.117	0.013	0.88	0.051	0.014	
257	253	G	2	0.1	1.65	0.677	0.164	0.017	1.17	0.054	0.011	
257	253	G	2	0.1	1.6	0.657	0.159	0.017	1.47	0.113	0.022	
257	253	G	2	0.1	0.947	0.389	0.094	0.010	1.04	0.038	0.0092	
257	253	G	2	0.1	0.817	0.335	0.081	0.009	1.12	0.059	0.014	
257	253	G	2	0.1	1.195	0.491	0.119	0.013	1.11	0.058		
257	253	G	2	0.1	1.5	0.616	0.149	0.016	1.43	0.058		
260	254		2	0.1	0.274	0.152	0.0210	0.0019	0.234	0.011	0.0057	1.01	7.9
260	254		2	0.1	0.391	0.217	0.0300	0.0027	0.353	0.011	0.006	1.53	7.9
260	254		2	0.1	0.435	0.242	0.0330	0.0030	0.425	0.015	0.0061	1.71	7.9
260	254		2	0.1	0.423	0.235	0.0320	0.0030	0.354	0.013	0.005	1.63	7.9
260	254		2	0.1	0.4	0.222	0.0310	0.0028	0.340	0.016	0.005	1.52	7.9
260	254		2	0.1	0.349	0.194	0.0270	0.0024	0.264	0.013	0.0039	1.34	7.9
260	254		2	0.1	0.409	0.227	0.0310	0.0029	0.321	0.016	0.0041	1.45	7.9
260	254		2	0.1	0.411	0.228	0.0310	0.0029	0.332	0.012	0.0042	1.47	7.9
261	255		50	3.5	0.395	0.177	0.0440	0.0028	0.588	0.028	0.0092	1.93	10.4
261	255		50	3.5	0.454	0.206	0.0510	0.0032	0.757	0.026	0.012	2.29	10.4
261	255		50	3.5	0.43	0.193	0.0480	0.0030	0.638	0.029	0.0089	2.18	10.4
261	255		50	3.5	0.366	0.164	0.0410	0.0026	0.502	0.024	0.0073	1.83	10.4
261	255		50	3.5	0.454	0.203	0.0510	0.0032	0.709	0.025	0.012	2.24	10.4
261	255		50	3.5	0.344	0.154	0.0390	0.0024	0.553	0.021	0.011	1.68	10.4
261	255		50	3.5	0.426	0.191	0.0480	0.0030	0.666	0.027	0.011	2.00	10.4
261	255		50	-0.5	0.674	0.339	0.0650	0.0047	0.668	0.042	0.0069	3.00	8.8
261	255		50	-0.5	0.594	0.299	0.0580	0.0042	0.527	0.037	0.011	2.55	8.8
261	255		50	-0.5	0.599	0.301	0.0580	0.0042	0.550	0.04	0.008	2.45	8.8
262a	256	a	50	1.8	5.37	3.13	0.400	0.038	1.89	0.049	0.005	14.90	6.5
262a	256	a	50	1.8	3.4	1.99	0.250	0.024	1.38	0.058	0.0053	12.30	6.5
262b	256	b	50	1.8	2.19	1.28	0.160	0.015	1.04	0.037	0.0088	7.53	7.3
262b	256	b	50	1.8	2.1	1.23	0.160	0.015	1.04	0.067	0.0075	7.86	7.3
262b	256	b	50	1.8	1.69	0.99	0.120	0.012	0.90	0.083	0.035	7.77	7.3
262a	256	a	50	1.8	2.72	1.58	0.200	0.019	1.18	0.048	0.0086	8.88	6.5
262b	256	b	50	1.8	1.34	0.78	0.100	0.009	0.81	0.044	0.011	6.70	7.3
262b	256	b	50	1.8	1.32	0.77	0.100	0.009	0.81	0.051	0.011	6.40	7.3
262b	256	b	50	-0.1	2.15	1.18	0.160	0.015	1.21	0.051	0.015	8.55	7.3
262b	256	b	50	-0.1	1.66	0.91	0.120	0.012	1.14	0.036	0.009	7.76	7.3
262b	256	b	50	-0.1	1.19	0.65	0.088	0.0083	0.86	0.037	0.0083	6.78	7.3
262b	256	b	50	-0.1	3.09	1.80	0.23	0.022	1.38	0.064	0.02	11.80	7.3
262b	256	b	50	-0.1	2.7	1.58	0.20	0.019	1.09	0.035	0.015	8.97	7.3

262c	256	c	50	-0.4	2	1.23	0.13	0.014	0.83	0.017	0.001	7.64	5.7
262c	256	c	50	-0.4	2.26	1.39	0.15	0.016	0.89	0.018	0.003	7.24	5.7
262a	256	a	50	-0.4	4.31	2.65	0.28	0.030	1.49	0.041	0.001	12.80	6.5
262c	256	c	50	-0.4	2.9	1.79	0.19	0.020	1.15	0.025		8.60	5.7
262c	256	c	50	-0.4	2.78	1.71	0.18	0.019	1.00	0.021	0.001	8.26	5.7
262c	256	c	50	-0.4	2.89	1.78	0.19	0.020	1.13	0.029	0.003	8.94	5.7
262c	256	c	50	-0.4	2.77	1.71	0.18	0.019	1.11	0.029	0.002	8.28	5.7
262c	256	c	50	-0.4	2.99	1.84	0.20	0.021	1.11	0.023	0.001	8.86	5.7
262c	256	c	50	0	3.06	1.83	0.22	0.021	1.16	0.032	0.0047	9.32	5.7
262c	256	c	50	0	2.83	1.69	0.20	0.020	1.15	0.038	0.0069	9.28	5.7
262c	256	c	50	0	2.29	1.37	0.16	0.016	1.02	0.064	0.011	8.23	5.7
263	257		50	0.1	0.361	0.171	0.038	0.0022	0.402	0.024	0.0048	1.58	9.1
263	257		50	0.1	0.365	0.173	0.038	0.0022	0.435	0.022	0.0029	1.61	9.1
263	257		50	0.1	0.341	0.162	0.036	0.0020	0.401	0.021	0.0033	1.37	9.1
263	257		50	0.1	0.345	0.164	0.036	0.0021	0.385	0.025	0.0035	1.57	9.1
264	258		2	-1.7	1.25	0.58	0.12	0.0088	0.505	0.12			
264	258		2	-1.7	0.9	0.42	0.089	0.0063	0.409	0.184			
264	258		2	-1.7	1.09	0.51	0.11	0.0076	0.400	0.035			
265	259		150	2	12.33	2.06	0.53		1.88	0.058		234.0	56.5
265	259		150	2	13.89	2.32	0.60		2.14	0.076		268.0	56.5
265	259		150	2	12.62	2.11	0.54		2.28	0.026		233.0	56.5
265	259		150	2	19.6	3.27	0.84		3.13	0.075		370.0	56.5
265	259		150	0.1	26.51	4.43	1.14		3.60	0.139	0.016	517.0	56.5
265	259		150	0.1	10.31	1.72	0.44		1.61	0.053		196.0	56.5
265	259		150	0.1	6.23	1.04	0.27		1.10	0.048	0.013	121.0	56.5
265	259		150	0.1	10.47	1.75	0.45		2.45	0.183	0.075	195.0	56.5
266	260		75	0	0.813	0.30	0.071		0.60	0.0078	0.0069	3.7	28.6
266	260		75	0	0.372	0.14	0.033		0.30	0.0065	0.0035	1.6	28.6
267	261		50	-0.5	17.13	4.02	0.81		1.62	0.013		297	46.7
267	261		50	-0.5	20.01	4.7	0.84		1.51	0.026		399	46.7
267	261		50	-0.5	26.44	6.21	1.25		4.37			334	46.7
267	261		50	-0.2	14.33	3.32	0.68		1.01	0.009		253	46.7
267	261		50	0.7	10.9	2.56	0.51		0.67	0.021	0.034	201	46.7
267	261		50	0.7	17.38	4.08	0.82		1.32	0.073	0.025	338	46.7
267	261		50	0.7	66.48	22.38	3.8		8.66	0.107		954	36.5
267	261		50	0.7	113.4	38.2	6.4		18.7	0.21		1277	36.5
267	261		50	-0.5	52.98	17.83	3.01		6.92	0.128		805	36.5
267	261		50	-0.5	72.61	24.44	4.12		9.35	0.155		1060	36.5
267	261		50	-0.5	9.11	2.14	0.43		1.06	0.061	0.003	165	36.5
268	262		50	-0.2	3.7	1.42	0.3		3.34	0.056	0.025	21	26.6
268	262		50	-0.2	3.69	1.41	0.3		3.57	0.041	0.016	19.5	26.6
268	262		50	-0.2	3.42	1.31	0.28		2.75	0.056	0.013	19.4	26.6
268	262		50	-0.2	2.88	1.1	0.23		2.20	0.065	0.034	17.0	26.6
268	262		50	-0.2	2.98	1.14	0.24		2.56	0.054	0.016	18.0	26.6
268	262		50	-0.2	2.43	0.93	0.2		1.78	0.062	0.018	13.5	26.6
268	262		50	-0.2	2.44	0.93	0.2		2.15	0.047	0.0087	13.5	26.6
268	262		50	-0.2	2.56	0.98	0.2		2.00	0.026	0.018	16.4	26.6
268	262		50	0	3.94	1.51	0.32		3.32	0.066	0.0087	23.7	26.6
268	262		50	0	2.83	1.08	0.23		2.14	0.020	0.0071	15.6	26.6
268	262		50	0	1.95	0.75	0.16		2.00	0.084	0.036	10.3	26.6
269	263		50	-0.2	3.23	1.56	0.32		2.40	0.027	0.05	12.8	10.3

269	263		50	-0.2	3.11	1.5	0.31		2.00	0.032	0.048	12.2	10.3
269	263		50	-0.2	1.98	0.96	0.2		1.70	0.042	0.031	8.0	10.3
269	263		50	-0.2	4.22	2.04	0.42		2.54	0.024	0.054	15.7	10.3
269	263		50	-0.2	3.24	1.57	0.33		2.12	0.037	0.035	12.2	10.3
269	263		50	-0.2	3.88	1.88	0.39		3.11	0.061	0.097	16.0	10.3
269	263		50	-0.2	9.29	4.49	0.93		4.56	0.036	0.119	31.9	10.3
269	263		50	0.7	6.5	3.14	0.65		4.42	0.135	0.075	23.6	10.3
269	263		50	0.7	3.38	1.64	0.34		3.57	0.080	0.056	15.2	10.3
269	263		50	0.7	4.68	2.26	0.47		4.07	0.076	0.079	17.4	10.3
269	263		50	0.7	6.72	3.25	0.68		4.57	0.118	0.113	25.1	10.3
269	263		50	1.9	29.47	16.33	2.19		12.00	0.947	0.26	87.8	8.2
269	263		50	1.9	18.44	10.22	1.37		8.67	0.452	0.19	60.5	8.2
269	263		50	1.9	42.63	23.63	3.17		16.30	1.05	0.47	130	8.2
269	263		50	1.9	30.49	16.9	2.27		7.99	0.615	0.22	108	8.2
269	263		50	1.9	38.12	21.13	2.84		14.70	0.788	0.31	114	8.2
269	263		50	1.9	40.93	22.68	3.05		16.10	1.35	0.31	124	8.2
269	263		50	1.9	41.62	23.07	3.1		17.00	0.885	0.45	121	8.2
269	263		50	1.9	36.52	20.24	2.72		17.40	0.754	0.42	116	8.2
270	264		50	-0.1	5.11	1.96	0.53		1.54	1.03	0.041	44.3	10.2
270	264		50	-0.1	3.58	1.38	0.37		1.37	0.337	0.103	33.2	10.2
270	264		50	-0.1	4.41	1.7	0.46		1.54	0.130	0.027	41.8	10.2
270	264		50	-0.1	3.16	1.22	0.33		1.49	0.391	0.026	29.0	10.2
270	264		50	-0.1	3.56	1.37	0.37		1.28	0.153	0.0058	34.2	10.2
270	264		50	-0.5	5.3	2.04	0.55		1.45	0.124		52.4	10.2
270	264		50	-0.5	5.68	2.18	0.59		1.68	0.093	0.007	52.5	10.2
270	264		50	-0.5	5.41	2.08	0.56		1.26	0.139	0.025	48.0	10.2
270	264		50	-0.5	4.17	1.6	0.43		2.28	0.179	0.028	43.1	10.2
270	264		50	-0.5	5.15	1.98	0.53		1.11	0.334	0.014	49.7	10.2
270	264		50	-0.5	5.07	1.95	0.53		1.09	0.593	0.017	49.3	10.2
270	264		**50**	-0.5	3.4	1.31	0.35		0.82	0.637	0.01	30.8	10.2
272	265		2	-1.7	5.19	2.11	0.80		3.34	0.145		22.6	15.5
272	265		2	-1.7	5.89	2.40	0.91		5.95	0.292		26.8	15.5
272	265		2	-1.7	5.39	2.19	0.84		4.10	0.189		21.6	15.5
273	266		1	-1.3	264	11.46	3.25		20.7	1.21		6545	75.0
273	266		1	-1.3	825	35.81	10.15		80.1	4.58		20150	75.0
273	266		1	-1.3	61.6	2.67	0.76		5.95	0.34		1638	75.0
273	266		1	-1.3	205.2	8.91	2.52		26.0	1.46		6060	75.0
273	266		1	-1.3	257	11.15	3.16		32.1	2.54		7000	75.0
273	266		1	-1.8	451	21.6	2.71		56.7	2.14		12170	74.2
273	266		1	-1.8	736	33.93	4.42		70.6	2.60		18170	74.8
273	266		1	-1.8	270	12.93	1.62		31.8	0.81		6900	74.8
273	266		1	-1.8	1009	46.51	6.05		102.9	4.71		23670	74.8
273	266		1	-1.8	747	34.44	4.48		66.1	2.79		18020	74.8
273	266		1	-1.8	1095	46.32	13.47		79.3	3.21		27830	75.5
273	266		1	-1.8	936	43.15	5.62		82.1	3.75		24260	74.8
273	266		1	-1.8	1358	57.44	16.7		82.1	3.57		33900	75.5
273	266		1	-1.6	487	27.95	7.69		53.2	1.92		12730	72.9
273	266		1	-1.6	614	35.24	9.7		73.2	3.54		16540	72.9
273	266		1	-1.6	1392	56.51	13.64		101.1	4.12		33330	75.0
273	266		1	-1.6	1100	44.66	10.78		97.1	4.00		26180	75.0
273	266		1	-1.6	1932	78.44	18.93		148.9	6.38		50410	75.0

274	267		1	-1.3	673	36.54	8.82		12.8	2.59		17080	73.5
274	267		1	-1.3	588	31.93	7.7		17.2	1.35		14850	73.5
274	267		1	-1.3	553	30.03	7.24		18.7	2.30		14520	73.5
274	267		1	-1.7	930	48.55	13.39		19.3	1.53		22550	72.4
274	267		1	-1.7	588	30.69	8.47		13.4	2.29		14510	72.4
274	267		1	-1.7	789	39.61	12.86		17.1	0.90		21240	72.4
274	267		1	-1.7	273	14.25	3.93		10.4	0.67		6740	72.4
274	267		1	-1.7	1498	75.2	24.42		22.9	2.45		36850	73.4
274	267		1	-1.7	2325	149.96	41.39		39.7	2.29		60670	73.4
274	267		1	-1.7	2650	170.93	47.44		52.4	3.12		65760	71.9
274	267		1	-1.7	4116	265.48	73.26		48.5	5.35		121410	71.9
275	268		1	-1.6	180	18.92	4.23		22.6	0.84		4194	67.9
275	268		1	-1.6	57	6.6	1.57		12.5	0.45		1302	65.3
275	268		1	-1.6	161	16.92	3.78		15.4	0.71		4032	67.9
275	268		1	-1.6	37.3	4.32	0.88		5.53	0.25		790	65.3
275	268		1	-1.6	56.0	6.48	1.32		4.72	0.28		1309	65.3
275	268		1	-1.6	93.5	10.82	2.2		13.8	1.65		2053	65.3
275	268		1	-1.6	50.7	5.87	1.19		6.17	0.29		1167	65.3
275	268		1	-1.6	114	11.98	2.68		16.3	1.63		3365	67.9
276	269		20	-0.8	71.87	41.54	4.62		20.3	1.70		283	8.3
276	269		20	-0.8	69.05	39.91	4.44		28.3	1.42		300	8.3
276	269		20	-0.8	79.75	46.1	5.13		33.7	2.18		350	8.3
276	269		20	-0.8	78.44	45.34	5.04		28.5	1.74		346	8.3
276	269		20	-0.8	50.68	29.29	3.26		19.6	2.01		214	8.3
276	269		20	-0.8	36.83	21.29	2.37		11.5	1.26		161	8.3
277	270		10	-1.6	77.36	36.92	8.41		35.8	0.49		340	11.6
277	270		10	-1.6	49.15	23.46	5.34		22.9	0.46		223	11.6
277	270		10	-1.6	29.16	12.76	3.37		12.3	0.79		141	11.6
277	270		10	-1.6	44.37	21.18	4.82		19.5	0.37		195	11.6
277	270		10	-1.6	36.97	16.18	4.27		19.4	0.46		181	10.9
277	270		10	-1.6	15.74	6.89	1.82		7.52	0.41		79.0	10.9
277	270		10	-1.6	17.01	7.45	1.97		7.79	0.12		81.4	10.9
277	270		10	-1.6	27.97	12.24	3.23		14.2	0.53		136	10.9
277	270		10	-1.6	37.96	18.12	4.13		17.4	0.28		182	10.9
277	270		10	-1.6	51.05	22.01	5.63		31.8	1.74		249	12.9
277	270		10	-1.6	34.47	15.46	3.65		20.7	0.84		167	11.6
277	270		10	-1.6	13.64	6.12	1.44		8.75	0.22		61.4	11.6
277	270		10	-1.6	13.19	5.92	1.4		7.85	0.24		56.1	11.6
277	270		10	-1.6	12.14	5.44	1.29		7.12	0.14		47.5	11.6
277	270		10	-1.7	74.96	33.76	8.43		37.3	1.73		371	11.9
277	270		10	-1.7	35.02	15.87	3.97		23.7	1.74		169	11.9
277	270		10	-1.7	24.29	11.01	2.75		13.9	0.85		119	11.9
277	270		10	-1.7	38.32	17.36	4.34		23.9	1.90		181	11.9
277	270		10	-1.7	19.99	9.06	2.26		12.3	0.54		98.3	11.9
277	270		10	-1.7	36.62	16.59	4.15		21.4	1.75		173.0	11.9
277	270		10	-1.7	9.97	4.69	1.05		6.45	0.20		41.7	11.5
277	270		10	-1.7	12.85	6.04	1.35		7.11	0.20		57.7	11.5
277	270		10	-1.7	14.39	6.77	1.52		7.89	0.23		60.3	11.5
277	270		10	-1.7	11.84	5.57	1.25		6.38	0.19		51.7	11.5
	271	A	10	-1.7	302.9	142.6	30.2		156.3	2.07		1188	10.7

	271	A	10	-1.7	370.9	174.7	36.9		185.5	2.31		1495	10.7
	271	A	10	-1.7	355.1	167.2	35.4		181.2	3.55		1443	10.7
	271	A	10	-1.7	353.2	166.3	35.2		186.4	1.26		1442	10.7
	271	A	10	-1.7	310.7	146.3	30.9		150.5	1.87		1370	10.7
	271	A	10	-1.7	411.8	191.9	40.8		205.3	3.55		1750	10.7
	271	B	10	-1.4	112.0	45.4	12.7		53.4	1.61		735	16
	271	B	10	-1.4	110.5	44.7	12.6		51.4	1.16		551	16
	271	B	10	-1.4	135.6	54.9	15.42		61.7	2.26		683	16
	271	B	10	-1.4	92.71	38.22	10.45		41.1	0.66		448	15.8
	271	B	10	-1.4	128.6	52.07	14.62		59.7	1.88		662	16
	271	B	10	-1.4	71.1	29.3	8.0		30.7	0.57		346	15.8
	271	B	10	-1.4	53.9	22.2	6.1		26.6	0.43		276	15.8
	271	B	10	-1.4	49.7	20.5	5.6		25.6	0.58		279	15.8
	271	B	10	-1.4	90.9	37.5	10.2		41.7	2.47		502	15.8
	271	B	10	-1.7	181.3	78.05	21.39		84.5	1.00		830	15.8
	271	B	10	-1.7	71.4	31.5	7.5		37.7	0.86		316	13.9
	271	B	10	-1.7	108.5	48.4	11.3		49.4	1.54		498	13.4
	271	B	10	-1.7	129.3	57.7	13.4		62.1	1.39		611	13.4
	271	B	10	-1.7	82.8	36.4	8.6		42.4	0.69		456	13.9
	271	B	10	-1.7	103	46.0	10.7		47.4	1.72		504	13.4
	271	B	10	-1.7	87.4	38.5	9.1		43.4	1.60		412	13.9
	271	B	10	-1.7	119.4	53.3	12.4		62.4	1.11		520	13.4
	271	B	10	-1.8	212.3	90.6	24.1		121.6	3.82		1108	15.1
	271	B	10	-1.8	259.2	103.5	30.1		137.3	5.44		1282	17.2
	271	B	10	-1.8	242.6	103.5	27.5		113.5	6.28		1168	15.1
	271	B	10	-1.8	234.2	93.5	27.2		112.5	7.24		1129	17.2
	271	B	10	-1.8	222.5	88.8	25.9		112.0	3.96		1124	17.2
	271	B	10	-1.8	194.2	79.0	22.0		91.4	3.82		953	17.4
	271	B	10	-1.8	158.1	64.4	17.9		77.5	1.83		807	17.4
	271	B	10	-1.8	233.9	99.8	26.6		107.3	6.1		1135	15.1
	271	B	10	-1.8	151.4	61.6	17.2		63.4	3.41		788	17.4
	271	B	10	-1.8	44.67	19.2	4.9		27.0	0.47		205	13.2
	271	B	10	-1.8	42.25	18.2	4.7		24.7	0.69		213	13.2
	271	B	10	-1.8	47.05	20.2	5.2		26.9	0.37		228	13.2
	271	B	10	-1.8	49.77	21.4	5.5		28.0	0.85		219	13.2
	271	B	10	-1.8	59.11	25.4	6.5		25.9	0.58		284	13.2
	271	B	10	-1.7	266.8	126.8	25.7		125.0	1.72		1081	10.5
	271	B	10	-1.7	285.6	135.8	27.5		132.3	2.03		1134	10.5
	271	B	10	-1.7	229.2	108.9	22.1		101.4	0.54		942	10.5
	271	B	10	-1.7	152.8	69.0	14.9		95.5	1.47		639	12.5
	271	B	10	-1.7	144.5	63.3	15.2		68.1	1.79		696	13.2
	271	B	10	-1.7	117.3	52.9	11.4		66.2	2.13		547	12.5
	271	B	10	-1.7	69.93	30.6	7.3		41.5	0.83		339	13.2
	271	B	10	-1.7	83.1	37.5	8.1		41.9	0.88		385	12.5
	271	B	10	-1.4	153.7	71.3	15.3		81.5	1.93		673	12.1
	271	B	10	-1.4	158.3	73.4	15.8		91.7	3.36		738	12.1
	271	B	10	-1.4	106.7	49.5	10.6		51.2	0.75		434	12.1
	271	B	10	-1.4	144.6	67.1	14.4		88.4	1.85		615	12.1
	271	B	10	-1.4	135.7	62.9	13.5		86.5	1.28		536	12.1
	271	B	10	-1.4	105.8	43.1	12.0		47.0	0.29		421	12.1

	271	B	10	-1.4	245.9	100.1	27.9		135.4	6.91		1089	17.4
	271	B	10	-1.4	128.2	59.5	12.8		74.6	2.18		559	12.1
	271	B	10	-1.4	235.3	113.0	23.7		113.6	0.94		942	10.5
	272		60	-1.6	184.8	79.1	20.2		35.2	3.45		881	14.5
	272		60	-1.6	114.1	48.8	12.5		20.3	1.26		481	14.5
	272		60	-1.6	237.3	108.0	23.8		20.9	1.25		894	12.6
	272		60	-1.6	247.6	112.7	24.8		26.5	1.96		919	12.6
	272		60	-1.6	106.3	45.5	11.6		26.0	1.70		467	14.5
	272		60	-1.6	135.7	58.1	14.8		36.9	1.88		603	14.5
	272		60	-1.6	166.5	75.8	16.7		43.4	2.76		788	12.6
	272		60	-1.6	171.8	78.2	17.2		26.2	1.51		734	12.6
	273		55	-1.7	707.7	286.0	74.2		66.4	2.89		2776	20.7
	273		55	-1.7	1073	455.8	101.2		81.1	4.54		3925	20.4
	273		55	-1.7	472.5	190.9	49.5		39.5	2.29		1887	20.7
	273		55	-1.7	1023.3	428.9	102.6		56.7	3.58		3736	19.9
	273		55	-1.7	478.9	193.5	50.2		65.7	3.98		1867	20.7
	273		55	-1.7	348.5	140.8	36.5		37.3	2.75		1403	20.7
	273		55	-1.7	512.3	207.0	53.7		49.0	3.83		2039	20.7
	273		55	-1.7	418.4	169.1	43.9		64.9	4.48		1590	20.7
	273		55	-1.7	310.7	125.6	32.6		29.7	2.81		1234	20.7
	274		55	-1.6	169.4	77.1	10.7		20.5	0.62		649	19.6
	274		55	-1.6	173.9	78.2	11.0		28.8	1.71		783	19.6
	274		55	-1.6	236.1	107.5	14.9		23.1	0.48		786	19.6
	275		90	-0.8	20.8	9.03	1.39		1.67	0.075		159	21.2
	275		90	-0.8	23.2	10.07	1.55		2.04	0.124		220	21.2
	276		25	-0.7	230.9	103.4	24.2		126.2	17.7		1062	14.1
	276		25	-0.7	134.6	56.3	13.8		50.4	2.65		575	16.3
	276		25	-0.7	150.9	63.1	15.5		90.0	5.33		729	16.3
	276		25	-0.7	222.5	93.3	24.9		129.7	3.88		1086	16.7
	276		25	-0.7	150.5	62.9	15.5		75.3	8.72		913	16.3
	276		25	-0.7	151.4	63.3	15.6		69.9	5.63		735	16.3
	276		25	-0.7	224.7	94.3	25.1		143.2	12.86		998	16.7
	276		25	-0.7	151.4	63.3	15.6		63.4	4.56		924	16.3
	276		25	-0.7	196.4	88.0	20.6		89.6	6.68		864	16.3
	276		25	-0.7	109.7	48.6	11.0		37.8	2.40		577	16.3
	276		25	-0.7	108	47.8	10.9		43.3	3.09		494	16.3
	276		25	-0.7	117.3	52.0	11.8		45.8	2.41		546	16.3
	276		25	-0.7	112.6	49.9	11.3		52.6	3.28		487	16.3
	276		25	-0.7	96.8	42.9	9.7		33.9	1.73		456	14.9
	276		25	-0.7	72.2	32.0	7.3		29.0	1.26		391	14.9
	276		25	-0.7	110.8	49.1	11.2		43.2	2.72		557	16.3
	276		25	-0.7	83.3	36.9	8.4		27.0	1.37		399	14.9
	276		25	-1.1	10.3	4.3	1.2		6.13	0.22		53	17.2
	276		25	-1.1	5.4	2.2	0.6		4.11	0.20		28.2	17.2
	276		25	-1.1	10	4.1	0.6		5.76	0.22		46.7	17.2
	276		25	-1.1	5.6	2.3	0.6		4.14	0.19		28.6	17.2
	276		25	-1.1	10.3	4.3	1.2		5.57	0.20		52	17.2
	276		25	-1.1	8.9	3.7	1.0		4.67	0.24		47.7	17.2
	276		25	-1.1	9.5	3.9	1.1		5.42	0.22		48.3	17.2
	276		25	-1.1	12.8	5.3	1.4		6.15	0.26		64	17.2
	276		25	-1.2	125.6	60.5	11.3		49.7	2.31		551	11.7

	276		25	-1.2	134.8	64.9	12.2		49.7	2.49		518	11.7
	276		25	-1.2	128.2	61.7	11.6		41.6	2.10		554	11.7
	276		25	-1.2	96.2	46.3	8.7		44.4	2.85		398	11.1
	276		25	-1.2	156.9	75.5	14.2		57.7	2.85		631	10.7
	276		25	-1.1	117.8	56.7	10.6		49.3	1.62		447	11.7
	276		25	-1.1	112.3	54.1	10.1		41.0	2.14		446	11.7
	276		25	-1.2	201.4	100.3	16.8		66.3	5.40		785	11.1
	276		25	-1.2	138.6	66.7	12.5		45.3	1.69		537	11.7
	276		25	-1.2	150.9	72.4	14.8		53.7	3.85		635	10.7
	276		25	-1.2	135.7	65.3	12.3		48.5	1.87		628	11.7
	276		25	-1.2	114.8	55.3	10.4		50.2	6.49		514	11.7
	276		25	-1.2	129.2	62.2	11.7		43.7	3.30		559	11.7
	276		25	-1.2	195.9	94.3	17.7		63.0	7.34		788	10.7
	276		25	-1.2	158.8	77.3	14.1		49.6	5.14		704	12.7
	276		25	-1.2	77.8	35.4	7.7		24.9	1.19		362	13.5
	276		25	-1.2	107.3	52.3	9.5		34.9	1.44		413	12.7
	276		25	-1.2	74.4	33.9	3.3		18.7	0.57		326	13.5
	276		25	-1.2	59.2	27.0	5.8		34.2	2.08		291	13.5
	276		25	-1.2	62.3	28.4	6.1		24.7	1.20		279	13.5
	276		25	-1.2	69.6	31.7	6.9		25.5	1.28		301	13.5
	276		25	-1.2	74.8	34.1	7.4		23.8	2.09		323	13.5
	276		25	-1.2	128.5	62.6	11.4		39.4	2.23		530	12.7
	276		25	-1.2	30.4	13.6	1.4		14.5	0.37		133	12.9
	276		25	-1.2	41.2	18.4	4.4		19.8	0.77		196	12.9
	276		25	-1.2	71.1	32.4	7.0		26.1	1.70		292	13.5
	276		25	-1.2	93.4	42.5	9.2		31.4	2.00		354	13.5
	276		25	-1.2	32.5	14.5	3.4		13.0	0.57		145	12.9
	276		25	-1.2	50.4	23.0	5.0		16.4	1.11		221	13.5
	276		25	-1.2	57.3	26.1	5.6		17.2	1.48		234	13.5
278	277		500	-0.3	11.06	4.76	1.33	0.13	5.15	0.24	0.1	48.0	13.2
278	277		500	-0.3	8.1	3.49	0.97	0.094	4.54	0.35	0.1	35.3	13.2
278	277		500	-0.3	4.32	1.86	0.52	0.050	2.33	0.16	0.035	17.4	13.2
278	277		500	-0.3	11.66	5.02	1.40	0.135	4.01	0.11	0.047	48.0	13.2
278	277		500	-0.3	5.42	2.33	0.65	0.063	1.94	0.17	0.076	19.2	13.2
278	277		500	-0.3	6.05	2.61	0.73	0.070	3.33	0.44	0.098	27.0	13.2
278	277		500	-0.3	5.47	2.36	0.66	0.063	2.01	0.14	0.042	22.5	13.2
278	277		500	-0.3	6.41	2.76	0.77	0.074	2.79	0.12	0.058	26.9	13.2
278	277		500	-0.3	6.04	2.60	0.72	0.070	3.00	0.21	0.11	26.1	13.2
278	277		500	-0.3	5.16	2.22	0.62	0.060	2.88	0.18	0.058	20.4	13.2
278	277		500	-0.3	7.06	3.04	0.85	0.082	2.94	0.1	0.04	29.0	13.2
278	277		500	-0.3	8.3	3.57	1.00	0.096	5.00	0.32	0.12	37.2	13.2
278	277		500	-0.7	9.06	3.90	1.09	0.105	4.82	0.36	0.046	43.8	13.2
278	277		500	-0.7	5.97	2.57	0.72	0.069	3.24	0.16	0.063	25.4	13.2
278	277		500	-0.7	4.15	1.79	0.50	0.048	1.68	0.12	0.017	16.5	13.2
278	277		500	-0.7	10.58	4.56	1.27	0.123	4.22	0.29	0.079	51.5	13.2
278	277		500	-0.7	4.96	2.14	0.60	0.058	2.56	0.13	0.045	19.5	13.2
278	277		500	-0.7	5.5	2.37	0.66	0.064	2.35	0.12	0.033	24.5	13.2
278	277		500	-0.7	3.94	1.70	0.47	0.046	1.99	0.12	0.057	14.6	13.2
278	277		500	-0.7	8.49	3.66	1.02	0.098	3.34	0.16	0.073	30.7	13.2
278	278	A1	1	-1.6	1.25	0.51	0.143	0.015	0.535	0.023	0.01	5.1	14.6
278	278	A1	1	-1.6	1.03	0.421	0.118	0.012	0.553	0.023	0.015	3.8	14.6

278	278	A1	1	-1.6	1.17	0.478	0.134	0.014	0.479	0.023	0.01	4.1	14.6
278	278	A3	1	-1.4	0.878	0.358	0.1	0.011	0.509	0.028	0.032	3.85	14.6
278	278	A3	1	-1.8	1.29	0.527	0.147	0.015	0.928	0.017	0.023	3.79	14.6
278	278	A3	1	-1.8	1.37	0.56	0.156	0.016	0.727	0.029	0.02	3.15	14.6
278	278	A2	1	-1.5	27.09	12.18	3.35	0.336	13.97	1.65	0.59	121	13.4
278	278	A2	1	-1.5	30.3	13.63	3.74	0.375	14.05	1.43	0.42	130	13.4
278	278	A3	1	-1.5	5.00	2.04	0.571	0.06	3.25	0.126	0.061	20.3	14.6
278	278	A3	1	-1.5	9.73	3.98	1.11	0.117	4.45	0.135	0.189	42.3	14.6
278	278	A3	1	-1.5	14.61	6.57	1.8	0.181	7.61	0.416	0.283	63.5	13.4
278	278	A3	1	-1.5	6.62	2.7	0.756	0.079	3.66	0.125	0.141	28.2	14.6
278	278	A3	1	-1.5	8.71	3.56	0.995	0.105	4.56	0.165	0.261	38.7	14.6
278	278	A3	1	-1.5	6.5	2.66	0.742	0.078	3.36	0.110	0.16	27.1	14.6
278	278	A3	1	-1.5	5.75	2.35	0.657	0.069	3.01	0.130	0.11	23.9	14.6
278	278	A3	1	-1.5	7.77	3.17	0.887	0.093	4.63	0.160	0.15	32.7	14.6
278	278	A3	1	-1.5	11.96	5.38	1.48	0.148	5.31	0.260	0.25	54.2	13.4
278	278	A3	1	-1.5	4.42	1.81	0.504	0.053	3.09	0.08	0.11	19.3	14.6
278	278	A3	1	-1.5	16.53	7.43	2.04	0.20	8.19	0.87	0.28	74	13.4
278	278	A3	1	-1.5	14.59	6.56	1.8	0.18	7.60	0.65	0.23	63.7	13.4
278	278	A3	1	-1.5	16.35	7.35	2.02	0.20	7.82	0.73	0.21	72.7	13.4
278	278	A3	1	-1.6	9.4	3.84	1.07	0.11	3.72	0.58	0.045	37.7	14.6
278	278	A3	1	-1.6	13.38	6.02	1.65	0.17	6.57	0.82	0.068	57.6	13.4
278	278	A3	1	-1.6	6.87	2.81	0.785	0.082	3.21	0.20	0.017	28.4	14.6
278	278	A3	1	-1.4	19.2	8.63	2.37	0.24	10.8	0.25	0.22	87.5	13.4
278	278	A3	1	-1.4	30.5	13.72	3.77	0.38	13.1	0.37	0.26	138	13.4
278	278	A3	1	-1.4	18.83	8.47	2.33	0.23	7.89	0.27	0.18	83.3	13.4
278	278	A3	1	-1.4	7.52	3.07	0.859	0.09	3.55	0.057	0.063	32	14.6
278	278	A3	1	-1.4	3.91	1.6	0.447	0.047	2.00	0.042	0.057	14.5	14.6
278	278	A3	1	-1.4	6.45	2.64	0.737	0.077	2.93	0.08	0.086	26.5	14.6
278	278	A3	1	-1.4	7.51	3.07	0.858	0.09	3.91	0.14	0.074	34.2	14.6
278	278	A3	1	-1.4	8.49	3.47	0.97	0.102	4.07	0.068	0.074	38.3	14.6
278	278	A3	1	-1.4	6.14	2.51	0.701	0.074	2.78		0.062	25.9	14.6
278	278	A3	1	-1.4	6.55	2.68	0.748	0.079	3.47	0.056	0.061	29.5	14.6
278	278	A3	1	-1.4	7.14	2.92	0.815	0.086	3.51	0.13	0.067	29.6	14.6
278	278	A3	1	-1.4	5.93	2.42	0.677	0.071	2.82	0.14	0.067	28.1	14.6
278	278	A3	1	-1.4	7.17	2.93	0.819	0.086	3.45	0.082	0.056	32.2	14.6
278	278	A3	1	-1.4	7.19	2.94	0.821	0.086	3.29	0.078	0.045	31.3	14.6
278	278	A3	1	-1.4	5.33	2.18	0.609	0.064	2.03	0.093	0.039	25.1	14.6
278	278	A3	1	-1.4	5.44	2.22	0.621	0.065	2.01	0.071	0.045	21.9	14.6
278	278	A3	1	-1.4	8.89	3.63	1.02	0.107	5.49	0.40	0.072	39	14.6
278	278	A3	1	-1.8	11.25	5.06	1.39	0.14	4.94	0.23	0.11	49.6	13.4
278	278	A3	1	-1.8	6.64	2.71	0.758	0.08	3.45	0.13	0.063	24.7	14.6
278	278	A3	1	-1.0	10.01	4.5	1.24	0.12	7.05	0.44	0.08	50.3	13.4
278	278	A3	1	-1.0	13.07	5.88	1.61	0.16	7.69	0.45	0.08	66	13.4
278	278	A3	1	-1.0	9.59	3.92	1.1	0.12	6.61	0.23	0.04	43.4	14.6
278	278	A3	1	-1.0	7.78	3.18	0.888	0.093	4.45	0.17	0.074	34.4	14.6
278	278	A3	1	-1.0	8.15	3.33	0.93	0.098	4.19	0.20	0.057	38	14.6
278	278	A3	1	-1.0	6.6	2.7	0.754	0.079	3.68	0.20	0.09	28.7	14.6
278	278	A3	1	-1.0	4.59	1.88	0.524	0.055	2.90	0.22	0.067	21.9	14.6
278	278	A3	1	-1.0	4.15	1.7	0.474	0.05	2.65	0.12	0.068	13.9	14.6
278	278	A3	1	-1.0	8.52	3.48	0.973	0.102	4.69	0.27	0.083	41.4	14.6
278	278	A3	1	-1.0	5.9	2.41	0.673	0.071	3.12	0.068	0.062	23.2	14.6

278	278	A3	1	-1.0	5.89	2.41	0.673	0.071	4.10	0.18	0.11	25.7	14.6
278	278	A3	1	-1.0	4.58	1.87	0.523	0.055	2.85	0.13	0.045	17.8	14.6
278	278	A3	3	-1.0	6.1	2.49	0.697	0.073	3.88	0.093	0.067	22.1	14.6
278	279	B1	3	-1.8	57.7	23.15	6.98	0.66	23.7	1.36	0.53	324	18
278	279	B1	3	-1.8	37.59	15.43	4.54	0.43	19.8	1.01	0.32	192	18
278	279	B1	3	-1.6	50.77	20.38	6.14	0.58	16.9	1.01	0.16	269	18
278	279	B1	3	-1.8	47.58	19.53	5.75	0.55	26.9	0.91	0.4	301	18
278	279	B1	3	-1.8	86.8	34.84	10.5	1.00	33.2	1.60	0.72	548	18
278	279	B1	3	-1.8	63.77	25.59	7.72	0.73	30.7	1.49	0.33	328	18
278	279	B1	3	-1.8	116.7	47.78	13.16	1.26	46.3	2.05	1.94	651	16
278	279	B1	3	-1.8	60.82	24.41	7.36	0.70	26.4	1.22	0.84	363	18
278	279	B1	3	-1.4	117.9	48	14.2	1.44	66.8	3.23	1.06	686	18.4
278	279	B1	3	-1.4	53.05	20.89	6.36	0.67	31.1	1.67	0.35	331	18.1
278	279	B1	3	-1.5	82.16	32.99	9.69	0.94	60.7	4.44	1.1	444	17.4
278	279	B1	3	-1.5	95.71	38.42	11.28	1.09	33.5	1.16	0.65	535	17.4
278	279	B1	3	-1.5	55.08	22.11	6.49	0.63	24.2	1.86	0.79	310	17.4
278	279	B1	3	-1.5	83.49	33.51	9.84	0.95	30.8	0.54	0.43	441	17.4
278	279	B1	3	-1.9	121.4	49.18	15.48	1.32	42.5	1.54	0.98	706	16
278	279	B1	3	-1.9	72.11	28.94	8.5	0.82	21.9	1.46	0.57	476	18
278	279	B1	3	-1.9	106.5	43.14	13.58	1.16	40.1	2.03	0.88	568	16
278	279	B1	3	-1.9	73.87	29.65	8.71	0.84	28.0	1.43	0.93	431	18
278	279	B1	3	-1.9	62.78	25.2	7.4	0.72	26.9	1.11	1.44	345	18
278	279	B1	3	-1.8	159.9	65.46	18.04	1.73	58.1	3.61	1.24	884	18
278	279	B1	3	-1.8	113.1	46.3	12.76	1.22	47.2	1.01	1.25	560	16
278	279	B1	3	-1.8	61.23	24.58	7.41	0.70	28.8	1.50	0.28	390	16
278	279	B1	3	-1.8	71.91	28.86	8.7	0.83	30.8	1.00	0.73	379	16
278	279	B2	3	-1.8	93.65	37.75	10.83	1.11	36.4	1.53	0.79	435	17.3
278	279	B2	3	-1.8	79.25	31.95	9.16	0.94	30.3	1.29	0.87	420	17.3
278	279	B2	3	-1.8	88.31	35.6	10.21	1.05	45.1	1.24	1.45	437	17.3
278	279	B2	3	-1.8	91.23	36.77	10.55	1.09	35.5	3.39	1.12	497	17.3
278	279	B2	3	-1.8	200	81.86	24.12	2.42	56.1	2.19	2.52	1171	18.1
278	279	B2	3	-1.8	125.9	49.97	14.88	1.68	77.5	2.63	0.8	701	18.1
278	279	B2	3	-1.4	125.3	49.73	14.81	1.67	84.1	3.32	2.2	646	18.1
278	279	B2	3	-1.4	128	50.8	15.13	1.70	76.1	3.29	1.08	709	18.1
278	279	B2	3	-1.4	121	48.02	14.3	1.61	65.2	2.13	1.15	658	18.1
278	279	B2	3	-1.4	68.1	26.82	8.17	0.87	37.8	2.36	0.95	432	19.4
278	279	B2	3	-1.4	70.77	27.87	8.49	0.90	31.5	1.77	0.94	409	19.4
278	279	B2	3	-1.4	53.38	21.02	6.4	0.68	35.7	1.68	0.65	317	19.4
278	279	B2	3	-1.5	63.82	26.02	7.5	0.77	28.7	1.29	0.58	383	17.2
278	279	B2	3	-1.5	122.1	50.66	13.86	1.39	42.9	2.76	1.15	612	16.5
278	279	B2	3	-1.5	110.3	45.76	12.52	1.26	38.4	2.14	1.39	589	16.5
278	279	B2	3	-1.5	85.27	34.76	10.02	1.03	28.9	0.68	0.37	484	17.2
278	279	B2	3	-1.5	78.65	32.07	9.24	0.95	26.7	0.86	0.57	397	17.2
278	279	B2	3	-1.9	173.6	72.03	19.7	1.98	68.9	2.05	0.68	836	18.1
278	279	B2	3	-1.9	124	51.45	14.07	1.41	40.4	1.6	1.12	668	18.1
278	279	B2	3	-1.9	57.28	23.35	6.73	0.69	21.8	1.22	0.5	292	17.3
278	279	B2	3	-1.9	79.74	32.51	9.37	0.97	31.5	1.33	0.56	367	17.3
278	279	B2	3	-1.8	99.9	40.27	11.55	1.19	42.6	2.43	0.8	545	17.3
278	279	B2	3	-1.8	81.26	32.76	9.39	0.97	38.6	0.67	0.97	411	17.3
278	279	B2	3	-1.8	56.85	22.92	6.57	0.68	26.0	1.03	0.61	299	17.3
278	279	B2	3	-1.8	65.58	26.44	7.58	0.78	23.4	0.93	0.57	347	17.3

278	279	B3	3	-1.8	31.3	12.85	3.78	0.36	19.9	0.59	0.45	148	16.5
278	279	B3	3	-1.8	33.59	13.79	4.06	0.39	18.0	0.7	0.36	176	16.5
278	279	B3	3	-1.8	55.98	22.47	6.77	0.64	21.4	1.14	0.41	279	16.5
278	279	B3	3	-1.6	27.25	11.18	3.29	0.31	15.1	0.48	0.15	127	16.5
278	279	B3	3	-1.6	32.23	13.23	3.89	0.37	15.6	0.45	0.27	157	16.5
278	279	B3	3	-1.6	36.41	14.94	4.4	0.42	16.5	0.49	0.13	192	16.5
278	279	B3	3	-1.8	41.21	16.91	4.98	0.47	22.2	0.85	0.46	231	16.5
278	279	B3	3	-1.8	32.87	13.49	3.97	0.38	19.1	0.61	0.36	173	16.5
278	279	B3	3	-1.8	66.65	26.75	8.06	0.77	25.7	1.46	0.36	358	16.5
278	279	B3	3	-1.5	33.01	13.63	3.81	0.42	12.7	0.53	0.33	163	16.2
278	279	B3	3	-1.5	35.56	14.68	4.1	0.46	20.3	0.6	0.41	163	16.2
278	279	B3	3	-1.5	38.13	15.74	4.4	0.49	20.0	0.71	0.35	198	16.2
278	279	B3	3	-1.5	49.49	20.43	5.71	0.63	21.8	2.16	0.68	262	16.2
278	279	B3	3	-1.5	28.78	11.88	3.32	0.37	15.1	0.45	0.29	142	16.2
278	279	B3	3	-1.9	22.21	9.17	2.56	0.28	10.2	0.32	0.14	111	16.5
278	279	B3	3	-1.9	38.13	15.74	4.4	0.49	17.5	0.58	0.32	180	16.5
278	279	B3	3	-1.9	35.95	14.84	4.15	0.46	18.5	0.94	0.16	192	16.5
278	279	B3	3	-1.9	56.62	23.08	6.65	0.69	22.7	0.95	0.56	302	16.5
278	279	B3	3	-1.9	52.47	21.39	6.17	0.64	19.6	1.38	0.3	281	16.5
278	279	B3	3	-1.4	55.2	21.74	6.62	0.70	29.5	0.61	0.94	291	17.8
278	279	B3	3	-1.4	30.89	12.3	3.82	0.34	17.4	0.57	0.34	159	17.8
278	279	B3	3	-1.4	40.77	16.23	5.04	0.45	25.4	1.12	0.5	238	17.8
278	279	B3	3	-1.4	43.41	17.29	5.37	0.48	26.1	0.99	0.44	236	17.8
278	279	B3	3	-1.4	49.19	19.59	6.08	0.55	29.6	1.22	0.37	271	17.8
279	280		50	-1.2	0.792	0.338	0.103	0.008	0.473	0.036	0.01	4.5	12.2
279	280		50	-1.2	0.797	0.340	0.104	0.008	0.466	0.029	0.011	4.5	12.2
279	280		50	-1.2	0.785	0.335	0.102	0.008	0.428	0.032	0.0085	4.3	12.2
279	280		50	-1.2	0.83	0.354	0.108	0.009	0.406	0.030	0.0099	4.3	12.2
279	280		50	-1.2	0.62	0.264	0.081	0.007	0.505	0.045	0.013	3.2	12.2
279	280		50	-1.2	0.832	0.355	0.108	0.009	0.444	0.036	0.011		
279	280		50	-1.2	0.761	0.324	0.099	0.008	0.458	0.035	0.012		
279	280		50	-1.2	0.823	0.351	0.107	0.009	0.365	0.031	0.011		
279	280		50	-1.2	0.848	0.362	0.110	0.009	0.441	0.037	0.0085		
279	280		50	-1.2	0.86	0.367	0.112	0.009	0.456	0.033	0.0093		
279	280		50	-1.2	0.868	0.370	0.113	0.009	0.490	0.038	0.011		
279	280		50	-1.2	0.862	0.367	0.112	0.009	0.602	0.041	0.012		
280	281		100	-0.9	168.8	16.02	4.15	0.42	2.07	0.166		3789	68.3
280	281		100	-0.9	127.7	12.12	3.14	0.32	1.83	0.134		2921	68.3
280	281		100	-0.7	102.8	9.76	2.53	0.26	0.99	0.194	0.10	2350	68.3
280	281		100	-0.5	136.2	12.92	3.35	0.34	1.58	0.053		2960	68.3
280	281		100	-0.5	144.3	13.69	3.55	0.36	1.90	0.204		3714	68.3
281	282		600	-0.9	120.7	40.66	14.00	1.12	19.70		1.06	1224	20.5
281	282		600	-0.9	78.27	26.36	9.08	0.73	8.97	0.69	0.33	1003	20.5
281	282		1000	-0.7	109.4	36.84	12.69	1.02	19.37	13.3	0.527	1446	20.5
282	283		100	-0.7	38.64	3.818	1.244	0.089	1.06	0.015	0.014	858	64.0
282	283		100	-0.7	35.56	3.513	1.145	0.082	0.86	0.023	0.017	868	64.0
283	284		100	-1.4	44.08	8.96	2.54	0.27	4.77	0.565	0.18	873	53.7
283	284		100	-1.4	42.77	8.69	2.46	0.27	1.61	0.132	0.23	834	53.7
283	284		100	-1.4	45.71	9.29	2.63	0.28	3.11	0.413	0.17	844	53.7
283	284		100	-1.4	64.45	13.66	3.69	0.43	3.48	0.403	0.28	1171	52.6
283	284		100	-1.4	53.46	10.86	3.08	0.33	3.18	0.512	0.25	963	53.7

283	284		100	-1.4	63.22	13.4	3.62	0.42	5.68	0.747	0.26	1179	52.6
283	284		100	-1.4	53.4	10.85	3.08	0.33	2.71	0.394	0.23	962	53.7
283	284		100	-1.4	63.25	13.4	3.62	0.42	4.59	0.517	0.24	1205	52.6
283	284		100	-1.4	24.08	4.74	1.4	0.13	1.73	0.420	0.14	472	54.1
283	284		100	-1.4	48.66	9.89	2.8	0.3	2.65	0.364	0.2	957	53.7
283	284		100	-1.4	24.49	4.82	1.42	0.13	1.73	0.507	0.17	459	54.1
283	284		100	-1.4	21.64	4.26	1.26	0.11	1.36	0.362	0.2	402	54.1
283	284		100	-1	23.43	4.61	1.36	0.12	2.58	0.236	0.11	458	54.1
283	284		100	-1	42.57	8.65	2.45	0.26	5.23	0.643	0.18	845	53.7
283	284		100	-1	25.27	4.98	1.47	0.13	2.91	0.331	0.11	526	54.1
283	284		100	-1	21.01	4.14	1.22	0.11	1.84	0.159	0.11	447	54.1
283	284		100	-1	5.84	1.13	0.316	0.031	0.80	0.041	0.021	134	51.7
283	284		100	-1	46.33	9.41	2.67	0.29	5.29	0.649	0.24	921	53.7
283	284		100	-1	11.69	2.26	0.632	0.062	1.19	0.063	0.037	251	51.7
283	284		100	-1	9.94	1.92	0.538	0.053	0.98	0.065	0.026	200	51.7
283	284		100	-1	15.88	3.07	0.859	0.084	1.37	0.093	0.021	262	51.7
283	284		100	-1	6.44	1.24	0.348	0.034	0.88	0.024	0.1	106	51.7
283	284		100	-0.8	73.19	15.51	4.19	0.48	7.09	0.797	0.25	1275	52.6
283	284		100	-0.8	57.97	11.78	3.34	0.36	5.69	0.802	0.35	1130	53.7
283	284		100	-0.8	26.27	5.17	1.52	0.14	1.67	0.234	0.1	517	54.1
283	284		100	-0.8	12.49	2.41	0.676	0.066	0.83	0.079	0.065	215	51.7
283	284		100	-0.8	14.55	2.81	0.787	0.077	1.41	0.209	0.14	247	51.7
283	284		100	-0.8	44.81	9.11	2.58	0.28	1.80	0.143	0.057	839	53.7
283	284		100	-0.8	76.64	16.24	4.39	0.51	6.41	0.717	0.16	1415	52.6
283	284		100	-0.8	12.25	2.37	0.663	0.065	1.06	0.105	0.039	267	51.7
283	284		100	-0.8	10.41	2.01	0.563	0.055	1.03	0.075	0.028	184	51.7
283	284		100	-0.7	62.55	13.25	3.58	0.41	3.93	0.524	0.16	1164	52.6
283	284		100	-0.7	39.24	7.73	2.28	0.2	2.37	0.162	0.051	758	54.1
283	284		100	-0.7	10.26	1.98	0.56	0.054	0.47	0.075	0.028	208	51.7
283	284		100	-0.7	32.97	6.49	1.91	0.17	2.55	0.218	0.047	610	54.1
283	284		100	-0.7	35.58	7.01	2.06	0.19	2.06	0.183	0.11	674	54.1
283	284		100	-0.7	19.91	3.85	1.08	0.11	1.22	0.114	0.021	325	51.7
283	284		100	-0.7	53.81	10.93	3.1	0.33	3.64	0.403	0.047	1005	53.7
283	284		100	-0.7	55.54	11.29	3.2	0.34	3.37	0.346	0.15	1021	53.7
283	284		100	-0.7	17.22	3.33	0.93	0.09	1.05	0.072	0.041	319	51.7
284(1)	285	1	600	-1	48.67	14.41	3.99	2.09	3.30	0.174	0.114	693	31.1
284(1)	285	1	600	-1	136.0	43.25	11.42	5.98	3.44	0.111	0.114	2051	28.9
284(1)	285	1	600	-1	138.6	44.07	11.64	6.1	3.87	0.214	0.08	1542	28.9
284(1)	285	1	600	-1	82.84	24.52	6.79	3.56	3.41	0.138	0.133	1160	31.1
284(1)	285	1	600	-1	154.9	49.27	13.01	6.82	3.76	0.478	0.17	1923	28.9
284(1)	285	1	600	-1	72.09	21.34	5.91	3.1	5.17	0.201	0.108	959	31.1
284(1)	285	1	600	-1	47.33	14.01	3.88	2.04	2.04	0.185	0.112	863	31.1
284(1)	285	1	600	-1	48.52	14.36	3.98	2.09	3.21	0.137	0.086	829	31.1
284(1)	285	1	600	-1	53.36	15.79	4.38	2.29	2.17	0.096	0.079	661	31.1
284(1)	285	1	600	-1	129.1	41.05	10.84	5.68	9.12	0.401	0.211	1940	28.9
284(1)	285	1	600	-1	10.2	3.02	0.84	0.44	1.10	0.060	0.041	171	31.1
284(1)	285	1	600	-0.8	50.36	14.91	4.13	2.17	3.63	0.136	0.092	834	31.1
284(1)	285	1	600	-0.5	18.4	5.45	1.51	0.79	1.55	0.105	0.044	359	31.1
284(2)	285	2	600	0.1	147.5	52.21	13.72	0.59	4.14	0.410	0.24	2001	21.7
284(2)	285	2	600	0.1	158.0	55.92	14.69	0.63	8.29	0.590	0.32	1958	21.7
284(2)	285	2	600	0.1	41.34	13.31	3.39	0.17	6.83	0.450	0.17	805	26.8

284(2)	285	2	600	0.1	156.4	55.35	14.54	0.63	12.8	0.720	0.27	2196	21.7
284(2)	285	2	600	0.2	168.3	59.56	15.65	0.67	8.87	0.360	0.28	2162	21.7
284(2)	285	2	600	0.2	155.8	55.14	14.49	0.62	7.39	0.200	0.92	2136	21.7
284(2)	285	2	600	0.2	177.3	62.75	16.49	0.71	10.1	0.260	0.36	2278	21.7
284(2)	285	2	600	0.2	34.53	11.12	2.83	0.14	3.81	0.510	0.16	758	26.8
284(2)	285	2	600	0.2	22.36	7.2	1.83	0.089	3.59	0.047	0.031	711	26.8
284(2)	285	2	600	0.2	184.2	65.2	17.13	0.74	9.63	0.490	0.6	1722	21.7
284(2)	285	2	600	0.2	146.2	51.75	13.6	0.59	9.01	1.71	0.25	2033	21.7
284(2)	285	2	600	0.2	63.92	20.58	5.24	0.26	4.48	0.18	0.13	631	26.8
284(2)	285	2	600	0.2	182.1	64.47	16.94	0.73	10.2	0.56	0.063	1748	21.7
284(2)	285	2	600	0.3	159.2	56.36	14.81	0.64	8.47	0.39	0.17	1586	21.7
284(2)	285	2	600	0.3	149.4	52.87	13.89	0.6	11.1	0.29	0.17	1986	21.7
284(2)	285	2	600	0.2	152.2	53.86	14.15	0.61	7.76	0.25	0.18	2124	21.7
284(2)	285	2	600	0.2	74.01	23.83	6.07	0.3	6.52	0.086	0.043	851	26.8
284(2)	285	2	600	0.2	64.83	20.88	5.32	0.26	4.69	0.25	0.043	965	26.8
284(2)	285	2	600	0.2	174.1	61.64	16.19	0.7	5.69	0.12	0.17	1298	21.7
284(2)	285	2	600	0.2	148.3	52.48	13.79	0.59	4.20	0.13	0.19	1604	21.7
284(2)	285	2	600	0.2	83.01	26.73	6.81	0.33	5.93	0.33	0.064	921	26.8
284(2)	285	2	600	0.2	142.6	50.47	13.26	0.57	5.79	0.43	0.077	2028	21.7
285	286		600	0.2	328.3	193.01	17.07	2.3	32.4	2.94	0.25	1038	7.5
285	286		600	0.2	306.0	179.92	15.91	2.14	44.0	3.16	0.78	927	7.5
285	286		600	0.2	575.4	338.32	29.92	4.03	89.6	4.05	0.7	1839	7.5
285	286		600	0.2	108.4	65.06	6.72	0.65	12.8	0.12	0.21	388	7.5
285	286		600	0.2	169.4	101.62	10.5	1.02	17.8	0.74	1.41	508	7.5
285	286		600	0.3	225.4	135.21	13.97	1.35	29.5	1.60	0.96	708	7.5
285	286		600	0.3	281.3	168.77	17.44	1.69	35.9	2.74	1.73	831	7.5
285	286		600	0.3	215.1	129.08	13.34	1.29	30.4	1.78	0.46	652	7.5
285	286		600	0.2	175.9	105.53	10.91	1.06	34.8	4.7	1.03	541	7.5
286	287		600	0.1	278.0	162.06	21.68	1.95	61.0	3.2	2.19	1003	7.7
286	287		600	0.1	375.3	218.81	29.28	2.63	45.9	5.35	8.36	1382	7.7
286	287		600	0.2	438.8	254.06	32.47	3.07	30.8	3.52	0.81	1430	7.3
286	287		600	0.2	183.8	106.79	14.71	1.29	15.8	0.74	0.62	645	7.6
286	287		600	0.2	445.9	258.18	33	3.12	56.6	5.35	1.29	1593	7.3
286	287		600	0.2	287.0	167.29	22.38	2.01	23.6	0.63	1.24	841	7.7
286	287		600	0.2	218.2	127.23	17.02	1.53	26.8	1.45	0.35	737	7.7
286	287		600	0.3	692.0	400.69	51.21	4.84	93.2	7.52	4.42	2188	7.3
286	287		600	0.3	342.5	199.68	26.72	2.4	60.6	4.91	2.94	1120	7.7
286	287		600	0.3	476.1	275.67	35.23	3.33	72.2	7.16	1.62	1573	7.3
286	287		600	0.3	473.7	274.28	35.06	3.32	66.5	4.5	2.86	1502	7.3
286	287		600	0.3	439.5	254.45	35.52	3.08	60.7	5.53	2.37	1501	7.3
286	287		600	0.2	280.9	163.76	21.91	1.97	50.8	4.06	0.77	925	7.7
286	287		600	0.2	301.4	175.73	23.51	2.11	59.1	2.43	1.33	1033	7.7
286	287		600	0.2	223.6	130.38	17.44	1.57	31.3	1.38	1.11	725	7.7
286	287		600	0.2	170.5	99.05	13.64	1.19	40.1	5.15	1.37	595	7.6
286	287		600	0.2	128.4	74.59	10.27	0.9	24.7	2.51	0.53	429	7.6
287	288		600	0.1	100.4	47.48	10.74	0.8	28.8	1.62	0.94	356	10.7
287	288		600	0.1	75.06	35.5	8.03	0.6	24.0	0.52	1.54	280	10.7
287	288		600	0.1	75.9	35.9	8.12	0.61	17.8	0.63	0.59	288	10.7
287	288		600	0.1	60.95	28.83	6.52	0.49	19.4	0.83	0.45	263	10.7
287	288		600	0.1	90.14	42.64	9.65	0.72	19.1	1.21	0.79	347	10.7
287	288		600	0.1	86.84	41.08	9.29	0.7	26.1	1.45	1.07	347	10.7

287	288		600	0.1	98.05	46.38	10.49	0.78	37.1	1.53	1.47	374	10.7
287	288		600	0.1	87.31	41.3	9.34	0.7	30.6	2.57	1.01	325	10.7
287	288		600	0.2	70.85	33.51	7.58	0.57	23.9	1.03	1.12	290	10.7
288	289		600	0.1	73.76	34.89	5.09	0.52	24.7	0.52	0.28	350	19.1
288	289		600	0.2	81.64	38.62	5.63	0.57	20.5	0.62	0.38	348	19.1
288	289		600	0.2	68.61	32.45	4.73	0.48	14.2	0.32	0.16	225	19.1
288	289		600	0.2	61.33	29.01	4.23	0.43	10.9	0.46	0.13	215	19.1
288	289		600	0.2	21.92	10.37	1.51	0.15	5.4			159	19.1
288	289		600	0.3	152.2	71.84	10.96	0.91	39.3	3.22	1	817	17.7
288	289		600	0.3	140.1	66.12	10.09	0.84	30.8	0.41	0.23	546	17.7
288	289		600	0.3	71.58	33.86	4.94	0.5	20.8	0.57	0.42	335	19.1
288	289		600	0.3	58.45	27.65	4.03	0.41	12.6	0.23	0.16	295	19.1
288	289		600	0.3	98.44	46.56	6.79	0.69	12.7	0.43	0.31	333	19.1
288	289		600	0.3	37.8	17.88	2.61	0.27	9.3	0.061	0.08	158	19.1
288	289		600	0.2	111.3	52.52	8.01	0.67	13.5	0.096	0.24	329	17.7
289	290		600	0.1	357.1	159.99	22.14	3.21	48.0	1.08	0.92	2351	22.9
289	290		600	0.1	29.86	12	2.27	0.33	6.7		0.3	156	22.9
289	290		600	0.2	90.34	36.32	6.87	0.99	15.4	1.18	1.08	627	22.9
289	290		600	0.2	31.82	12.79	2.42	0.35	6.8	0.17	0.86	180	22.9
290	291		600	0.2	161.1	51.7	18.52	1.29	26.0	15.2	0.48	2098	19.9
290	291		600	0.2	139.6	44.81	16.05	1.12	20.1	36.7	0.3	1691	19.9
290	291		600	0.2	145.1	46.58	16.69	1.16	30.1	19.9	0.6	1779	19.9
290	291		600	0.2	84.08	26.99	9.67	0.67	12.3	14.3	0.38	1071	19.9
291	292		550	0.5	12.54	5.570	1.190		3.70			60.6	14.0
291	292		550	0.5	15.2	6.940	1.390		6.40			73.4	14.0
291	292		550	0.5	19.57	8.260	1.910		9.89			98.3	16.8
291	292		550	0.5	24.91	11.830	2.330		8.07			102.1	11.4
291	292		550	0.5	4.6	1.840	0.463		2.11			23.4	18.5
291	292		550	0.5	16.8	7.090	1.640		8.45			84.4	16.8
291	292		550	0.5	14.89	6.610	1.410		4.62			71.9	14.0
291	292		550	0.5	18.6	7.850	1.810		8.11			93.5	16.8
291	292		550	0.5	21.6	10.260	2.020		6.98			88.5	11.4
291	292		550	0.5	14.41	6.400	1.370		6.24			69.6	14.0
291	292		550	0.5	14.2	6.300	1.350		4.88			68.6	14.0
291	292		550	0.5	24.52	9.280	2.480		6.33			151.4	20.4
291	292		550	0.5	15.7	7.170	1.430		3.81			75.8	14.0
291	292		550	0.5	10.94	4.859	1.040		3.66			52.9	14.0
291	292		550	0.5	5.64	2.320	0.562		2.73			28.5	17.8
291	292		550	0.5	4.21	1.650	0.415		1.64			21.4	18.5
291	292		550	0.5	5.13	2.110	0.511		1.20			25.9	17.8
291	292		550	0.5	25.12	9.510	2.540		15.6			155.1	20.4
291	292		550	0.5	18.88	7.970	1.840		8.96			94.9	16.8
291	292		550	0.5	3.99	1.600	0.402		1.67			20.3	18.5
291	292		550	0.5	3.3	1.320	0.332		1.95			16.8	18.5
291	292		550	0.5	8.53	3.520	0.850		4.34			43.1	17.8
291	292		550	0.5	5.19	2.140	0.517		5.04			26.2	17.8
291	292		550	0.5	4.32	1.750	0.440		3.42			21.9	18.5
291	292		550	0.5	4.17	1.670	0.420		2.32			21.2	18.5
291	292		550	0.5	20.79	9.880	1.940		7.05			85.2	11.4
291	292		550	0.5	19.18	8.090	1.870		5.70			96.4	16.8
291	292		550	0.5	8.9	3.670	0.886		3.11			44.9	17.8

291	292		550	0.5	3.8	1.520	0.383		2.39			19.3	18.5
291	292		550	0.5	17.97	7.580	1.750		7.02			90.3	16.8
291	292		550	0.5	16.79	7.080	1.640		5.25			84.4	16.8
291	292		550	0.5	18.53	8.460	1.690		8.03			89.5	14.0
291	292		550	0.5	5.32	2.190	0.530		1.91			26.9	17.8
292	293		550	0.5	41.4	4.637	1.242		1.63			1101	65.3
292	293		550	0.5	85.7	9.598	2.571		2.99			1995	65.3
293	294		550	0.5	2.49	1.257	0.217		0.379			17.6	7.3
293	294		550	0.5	5.496	2.775	0.478		0.966			26.3	7.3
293	294		550	0.5	2.289	1.156	0.199		0.913			17.9	7.3
293	294		550	0.5	2.234	1.128	0.194		0.433			20	7.3
293	294		550	0.5	3.04	1.535	0.264		0.505			19.3	7.3
293	294		550	0.5	2.418	1.221	0.210		0.404			23.6	7.3
294	295	A	550	0.5	0.286	0.151	0.024		0.164			2.09	9.4
294	295	A	550	0.5	0.434	0.230	0.037		0.261			2.24	9.4
294	295	A	550	0.5	0.254	0.134	0.022		0.181			1.26	9.4
294	295	A	550	0.5	0.229	0.121	0.019		0.117			1.13	9.4
294	295	A	550	0.5	0.376	0.199	0.032		0.223			2.30	9.4
294	295	A	550	0.5	0.336	0.178	0.029		0.255			2.26	9.4
294	295	A	550	0.5	0.454	0.240	0.039		0.273			2.48	9.4
294	295	A	550	0.5	0.304	0.161	0.026		0.244			2.25	9.4
294	295	A	550	0.5	0.342	0.181	0.029		0.229			2.37	9.4
294	295	A	550	0.5	0.401	0.212	0.034		0.249			2.34	9.4
294	295	B	550	0.5	0.232	0.114	0.022		0.160			1.26	
294	295	B	550	0.5	0.186	0.092	0.018		0.147			1.23	
294	295	B	550	0.5	0.284	0.140	0.027		0.210			1.37	
295	296	A	550	0.5	2.88	1.524	0.245		1.269			14.44	8.0
295	296	A	550	0.5	2.413	1.276	0.205		0.824			12.20	8.0
295	296	A	550	0.5	3.11	1.645	0.264		1.112			10.93	8.0
295	296	A	550	0.5	3.046	1.611	0.259		1.093			12.32	8.0
295	296	B	550	0.5	1.453	0.818	0.122		0.559			5.70	
295	296	B	550	0.5	2.013	1.133	0.169		1.098			6.75	
295	296	B	550	0.5	1.296	0.730	0.109		0.646			4.94	
295	296	B	550	0.5	1.486	0.837	0.125		0.699			6.05	
296	297		550	0.5	0.154	0.083	0.012		0.064			0.771	6.1
296	297		550	0.5	0.159	0.086	0.012		0.082			0.85	6.1
296	297		550	0.5	0.153	0.082	0.012		0.085			0.787	6.1
296	297		550	0.5	0.19	0.102	0.014		0.067			0.799	6.1
296	297		550	0.5	0.124	0.067	0.009		0.100			0.523	6.1
296	297		550	0.5	0.179	0.096	0.014		0.085			0.869	6.1
296	297		550	0.5	0.143	0.077	0.011		0.068			0.768	6.1
296	297		550	0.5	0.146	0.079	0.011		0.057			0.755	6.1
296	297		550	0.5	0.161	0.087	0.012		0.071			0.763	6.1
297	298		550	0.5	4.484	1.664	0.399		2.63			30.08	25.6
297	298		550	0.5	2.681	0.995	0.239		2.13			19.27	25.6
297	298		550	0.5	2.726	1.011	0.243		1.31			20.01	25.6
297	298		550	0.5	2.984	1.107	0.266		1.84			22.11	25.6
297	298		550	0.5	2.789	1.035	0.248		1.77			17.51	25.6
297	298		550	0.5	2.574	0.955	0.229		1.58			17.5	25.6
297	298		550	0.5	3.598	1.335	0.320		2.55			28.07	25.6
297	298		550	0.5	3.272	1.214	0.291		2.55			24.69	25.6

298	299	A	550	0.5	12.11	4.869	1.127		3.62			64.85	23.6
298	299	A	550	0.5	16.59	6.668	1.543		5.55			92.54	23.6
298	299	A	550	0.5	16.01	6.436	1.489		6.34			77.09	23.6
298	299	A	550	0.5	10.47	4.208	0.973		6.68			58.68	23.6
298	299	A	550	0.5	10.24	4.115	0.952		2.95			68.19	23.6
298	299	A	550	0.5	10.64	4.276	0.989		2.55			81.15	23.6
298	299	A	550	0.5	14.78	5.943	1.375		6.20			88.97	23.6
298	299	B	550	0.5	14.891	5.629	1.400		6.12			104.23	26.9
298	299	B	550	0.5	12.33	4.661	1.159		4.12			74.29	26.9
298	299	B	550	0.5	17.99	6.799	1.691		6.69			87.34	26.9
298	299	B	550	0.5	15.61	5.901	1.467		6.92			91.16	26.9
298	299	B	550	0.5	19.80	7.483	1.861		8.14			129.02	26.9
298	299	B	550	0.5	16.19	6.119	1.522		6.15			79.62	26.9
298	299	B	550	0.5	19.90	7.520	1.870		7.87			99.34	26.9
299	300		550	0.5	4.604	1.763	0.585		1.03			55.8	13.4
299	300		550	0.5	2.417	0.926	0.307		0.45			28.2	13.4
299	300		550	0.5	2.648	1.014	0.336		0.93			28.8	13.4
299	300		550	0.5	3.742	1.433	0.475		0.70			41.9	13.4
299	300		550	0.5	4.306	1.649	0.547		0.94			50	13.4
299	300		550	0.5	3.588	1.374	0.456		1.37			36.5	13.4
299	300		550	0.5	4.396	1.684	0.558		1.55			45.5	13.4
299	300		550	0.5	3.031	1.161	0.385		0.79			36	13.4
299	300		550	0.5	3.707	1.420	0.471		1.10			33.2	13.4
299	300		550	0.5	3.162	1.211	0.402		0.90			34.4	13.4
	301	A	50	10.3	12.14	4.04	1.08		10.4	0.902			
	301	A	50	10.3	11.61	3.87	1.03		8.65	0.423			
	301	A	50	10.3	13.64	4.54	1.21		8.35	0.525			
	301	B	50	10.6	10.69	3.45	1.01		7.12	0.576			
	301	B	50	10.6	10.77	3.48	1.02		8.47	0.603			
	301	C	50	5	4.69	1.58	0.44		3.71	0.134			
	301	C	50	5	8.24	2.77	0.78		5.42	0.113			
	301	C	50	5	7.29	2.45	0.69		4.32	0.116			
	301	D	50	5	4.93	1.66	0.47		3.42	0.148			
	301	D	50	6	8.05	2.83	0.77		5.30	0.108			
	301	D	50	5	6.31	2.22	0.60		3.61	0.100			
	301	D	50	5	6.7	2.35	0.64		4.49	0.084			
	301	E	50	4	11.28	4.29	1.10		14.6	0.513			
	301	E	50	4.6	3.87	1.47	0.38		3.83	0.011			
	301	E	50	4.6	9.83	3.74	0.96		5.80	0.017			
	301	E	50	4.6	5.59	2.12	0.54		7.30	0.036			
	301	E	50	4.6	6.79	2.58	0.66		6.98	0.011			
	301	E	50	4.6	5.58	2.12	0.54		6.32	0.037			
	301	E	50	5.2	6.67	2.54	0.65		4.02	0.050			
	301	E	50	5.2	6.6	2.51	0.64		5.31	0.038			
	301	E	50	5.2	6.92	2.63	0.67		7.05	0.032			
	301	E	50	5.2	10.03	3.81	0.98		6.59	0.031			
	301	E	50	5.2	13.06	4.96	1.27		8.11	0.078			
	301	E	50	5.2	14.56	5.53	1.42		8.50	0.070			
	301	E	50	5.2	13.13	4.99	1.28		11.1	0.091			
	301	E	50	5.2	13.39	5.09	1.30		8.61	0.078			
	301	E	50	5.7	23.46	8.92	2.29		9.60	0.244			

	301	E	50	5.7	18.43	7.01	1.80		14.85	0.487			
	301	E	50	4.5	18.44	7.01	1.80		13.05	0.571			
	301	E	50	5.1	23.8	9.05	2.32		18.19	0.252			
	301	E	50	5.2	12.63	4.80	1.23		10.24	0.067			
	301	E	50	5.1	15.37	5.84	1.50		16.56	0.111			
	301	E	50	4.5	15.95	6.06	1.55		9.46	0.166			
	301	E	50	4.5	14.92	5.67	1.45		11.50	0.550			
	301	E	50	4.5	11.44	4.35	1.11		10.78	0.221			
	301	E	50	4.5	18.5	7.03	1.80		12.73	0.412			
	301	E	50	5.1	16.75	6.37	1.63		17.47	0.179			
	301	E	50	5.1	12.67	4.82	1.23		9.77	0.109			
	301	E	50	5.1	14.62	5.56	1.42		10.81	0.092			
	301	E	50	5.7	10.45	3.97	1.02		10.58	0.259			
	301	E	50	5.2	17.8	6.77	1.73		12.28	0.071			
	301	F	50	5.2	16.91	6.43	1.65		11.52	0.180			
	301	F	50	4.5	14.76	5.61	1.44		11.38	0.254			
	301	F	50	4.5	18.05	6.86	1.76		11.10	0.368			
	301	F	50	4.5	16.18	6.15	1.58		9.83	0.311			
	301	F	50	5.7	10.53	4.00	1.03		11.27	0.168			
	301	F	50	5.7	23.29	8.85	2.27		12.62	0.187			
	301	G	50	4.6	4.59	1.58	0.40		4.60	0.015			
	301	G	50	4.6	4.74	1.63	0.42		5.30	0.020			
	301	G	50	5.2	13.58	4.68	1.19		8.51	0.163			
	301	G	50	5.2	11.41	3.93	1.00		7.65	0.037			
	301	G	50	4.5	15.9	5.48	1.40		13.52	0.216			
	301	G	50	4.5	11.07	3.82	0.97		7.98	0.086			
	301	G	50	5.1	13.3	4.59	1.17		14.18	0.304			
	301	G	50	5.1	12.35	4.26	1.09		10.71	0.176			
	301	G	50	5.1	12.77	4.40	1.12		12.60	0.144			
	301	G	50	5.1	12.92	4.45	1.14		8.22	0.097			
	301	G	50	5.1	11.67	4.02	1.03		8.14	0.019			
	301	G	50	5.7	5.09	1.76	0.45		8.59	0.253			
	301	G	50	5.7	12.95	4.47	1.14		7.97	0.342			
	301	G	50	5.7	14.78	5.10	1.30		11.66	0.434			
	301	G	50	5.7	19.35	6.67	1.70		10.97	0.249			
	301	G	50	5.7	21.77	7.51	1.91		9.29	0.071			
	302	A	50	10.4	17.14	6.41	1.73		13.83	1.140			
	302	A	50	10.4	17.94	6.71	1.82		16.09	0.947			
	302	A	50	10.4	13.80	5.16	1.40		16.06	0.918			
	302	B	50	10.4	16.27	6.09	1.65		21.05	1.503			
	302	B	50	10.4	14.24	5.33	1.44		16.61	1.181			
	302	B	50	10.4	12.06	4.51	1.22		16.34	1.136			
	302	B	50	10.4	10.91	4.08	1.10		16.10	0.805			
	302	B	50	10.4	12.29	4.60	1.24		13.32	0.626			
	302	C	50	10.3	8.512	2.80	0.76		11.92	0.951			
	302	C	50	10.3	7.601	2.50	0.68		8.70	0.641			
	302	D	50	7	12.42	4.50	1.21		12.97	0.676			
	302	D	50	7	8.32	3.01	0.81		6.79	0.353			
	302	D	50	7	23.82	8.62	2.32		25.49	2.023			
	302	D	50	7	8.4	3.04	0.82		8.60	0.455			
	302	D	50	7	7.07	2.56	0.69		7.04	0.352			

	302	D	50	6	6.83	2.47	0.67		6.85	0.315			
	302	D	50	5	4.04	1.46	0.39		3.65	0.106			
	302	D	50	6	8.28	3.00	0.81		7.44	0.322			
	302	E	50	7	7.91	2.93	0.80		7.96	0.191			
	302	E	50	7	5.71	2.11	0.58		6.02	0.421			
	302	E	50	6	5.75	2.13	0.58		5.66	0.182			
	302	E	50	6	8.43	3.12	0.85		6.40	0.580			
	302	E	50	6	6.4	2.37	0.65		5.92	0.212			
	302	E	50	5	3.11	1.15	0.31		5.40	0.077			
	302	F	50	4	5.59	2.07	0.55		6.42	0.129			
	302	F	50	4	11.44	4.23	1.12		15.05	0.507			
	302	F	50	5.2	4.78	1.77	0.47		3.99	0.052			
	302	F	50	4.2	14.57	5.39	1.43		12.90	0.038			
	302	F	50	4.2	13.54	5.01	1.33		13.01	0.160			
	302	F	50	4.2	13.68	5.06	1.34		12.44	0.054			
	302	F	50	4.2	10.17	3.76	1.00		8.17	0.065			
	302	F	50	5.5	14.85	5.49	1.46		13.14	0.287			
	302	F	50	5.5	12.26	4.53	1.20		13.30	0.120			
	302	F	50	5.5	13.54	5.01	1.33		13.19	0.192			
	302	F	50	5.5	22.49	8.32	2.21		10.77	0.177			
	302	F	50	5.5	14.96	5.53	1.47		13.31	0.437			
	302	F	50	5.5	9.04	3.34	0.89		14.51	0.247			
	302	F	50	5.5	13.04	4.82	1.28		12.86	0.640			
	302	F	50	5.8	16.67	6.16	1.64		17.02	0.400			
	302	F	50	5.8	7.72	2.85	0.76		10.91	0.382			
	302	F	50	6.4	16.92	6.26	1.66		17.56	0.917			
	302	F	50	6.4	17.57	6.50	1.72		16.20	0.424			
	302	F	50	6.4	12.17	4.50	1.19		14.95	0.549			
	302	F	50	6.4	15.13	5.60	1.48		14.81	0.665			
	302	F	50	6.4	12.85	4.75	1.26		11.92	0.412			
	302	F	50	6.4	12.1	4.47	1.19		14.94	0.979			
	302	F	50	4	10.56	3.91	1.04		9.31	0.163			
	302	G	50	5.5	15.54	5.75	1.52		19.74	0.388			
	302	G	50	5.5	11.26	4.16	1.10		15.16	0.455			
	302	G	50	5.5	13.88	5.13	1.36		10.75	0.168			
	302	H	50	4	7.29	2.71	0.74		5.12	0.057			
	302	H	50	4	6.89	2.56	0.70		3.77	0.463			
	302	H	50	4	5.85	2.18	0.60		4.42	0.207			
	302	H	50	5	6.23	2.32	0.63		6.39	0.229			
	302	H	50	5	6.41	2.39	0.65		6.61	0.172			
	302	H	50	5	6.62	2.46	0.67		6.50	0.081			
	302	H	50	5	5.32	1.98	0.54		5.42	0.182			
	302	H	50	5	5.74	2.14	0.58		6.41	0.076			
	302	H	50	5	6.87	2.56	0.70		6.62	0.104			
	302	H	50	5	4.39	1.63	0.45		4.26	0.087			
	302	H	50	5.5	10.84	4.03	1.10		6.64	0.240			
	302	H	50	4.7	2.57	0.96	0.26		6.93	0.114			
	302	H	50	4.7	4.95	1.84	0.50		6.91	0.275			
	302	H	50	4.7	6.63	2.47	0.68		7.33	0.355			
	302	H	50	4.7	6.16	2.29	0.63		5.87	0.207			
	302	H	50	4.7	2.16	0.80	0.22		5.67	0.179			

	302	H	50	4.7	3.59	1.34	0.37		7.20	0.342			
	302	H	50	4.7	10.44	3.88	1.06		5.39	0.148			
	302	H	50	4.7	5.69	2.12	0.58		5.13	0.230			
	302	H	50	5.8	22.39	8.33	2.28		8.06	0.359			
	302	H	50	5.8	7.99	2.97	0.81		7.56	0.296			
	302	H	50	5.8	7.08	2.63	0.72		15.28	0.497			
	302	H	50	5.8	7.84	2.92	0.80		7.61	0.353			
	302	H	50	6.4	9.65	3.59	0.98		9.20	0.279			
	302	H	50	6.4	6.81	2.53	0.69		8.84	0.357			
	302	H	50	5.2	4.95	1.84	0.50		4.88	0.182			
	302	H	50	5.2	4.95	1.84	0.50		5.23	0.094			
	302	H	50	5.2	5.9	2.20	0.60		5.78	0.080			
	303	D1	1500	2	6.93	4.16	0.52		0.56			22.0	4.96
	303	D1	1500	2	5.69	3.42	0.43		0.58			22.4	4.96
	303	D1	1500	2	8.05	4.84	0.61		0.85			24.2	4.96
	303	D1	1500	2	8.46	5.08	0.64		0.66			19.9	4.96
	303	D1	1500	2	4.84	2.91	0.36		0.44			16.7	4.96
	303	D2	1500	2	9.46	5.82	0.64		0.50			23.3	4.42
	303	D2	1500	2	9.75	6.00	0.66		0.56			26.9	4.42
	303	D2	1500	2	8.19	5.04	0.55		0.61			23.9	4.42
	303	D2	1500	2	7.21	4.43	0.49		0.49			20.0	4.42
	303	D2	1500	2	6.97	4.29	0.47		0.37			20.9	4.42
	303	D2	1500	2	4.97	2.84	0.40		0.38			15.5	5.84
	303	D2	1500	2	7.3	4.18	0.59		0.81			25.5	5.84
	303	D2	1500	2	6.66	3.81	0.54		0.81			20.7	5.84
	303	D2	1500	2	4.21	2.41	0.34		0.44			16.2	5.84
	303	D2	1500	2	3.77	2.16	0.31		0.55			14.4	5.84
	303	D2	1500	2	7.45	4.49	0.52		0.54			24.5	4.25
	303	D2	1500	2	11.35	6.84	0.79		0.88			29.8	4.25
	303	D2	1500	2	7.3	4.40	0.51		0.72			22.3	4.25
	303	D2	1500	2	6.92	4.17	0.48		0.51			21.1	4.25
	303	D2	1500	2	6.84	4.12	0.48		0.78			20.7	4.25
	303	D3	1500	2	7.98	4.46	0.66		0.18			21.1	4.66
	303	D3	1500	2	6.6	3.69	0.55		0.38			19.4	4.66
	303	D3	1500	2	6.84	3.82	0.57		0.37			16.5	4.66
	303	D3	1500	2	4.83	2.70	0.40		0.44			17.8	4.66
	303	D3	1500	2	5.62	3.14	0.47		0.27			12.3	4.66
	303	D3	1500	2	6.66	3.72	0.55		0.35			20.2	4.66
	303	D4	1500	2	8.12	4.77	0.56		0.55			21.2	4.14
	303	D4	1500	2	9.42	5.54	0.65		0.68			27.7	4.14
	303	D4	1500	2	6.24	3.67	0.43		0.52			18.9	4.14
	303	D4	1500	2	10.83	6.37	0.75		0.78			26.5	4.14
	303	D4	1500	2	10.16	5.94	0.70		0.66			25.9	4.54
	303	D4	1500	2	10.16	5.94	0.70		0.83			25.7	4.54
	303	D4	1500	2	10.37	6.07	0.71		0.80			28.8	4.54
	303	D4	1500	2	9.47	5.54	0.65		0.74			23.6	4.54
	303	D5	1500	2	8.56	5.40	0.63		0.58			25.3	4.88
	303	D5	1500	2	10.09	6.36	0.75		0.59			27.2	4.88
	303	D5	1500	2	9.23	5.81	0.68		1.18			26.1	4.88
	303	D5	1500	2	9.48	5.97	0.70		1.22			26.0	4.88
	303	D5	1500	2	9.80	6.17	0.73		0.79			26.7	4.88

	303	D5	1500	2	8.99	5.66	0.67		0.92			27.6	4.88
	303	D5	1500	2	8.99	5.66	0.67		0.76			25.3	4.88
	303	D5	1500	2	8.64	5.54	0.51		0.50			27.0	4.46
	303	D5	1500	2	8.54	5.47	0.50		0.57			24.5	4.46
	303	D5	1500	2	6.32	4.05	0.37		0.50			21.7	4.46
	303	D5	1500	2	6.87	4.40	0.40		0.72			22.6	4.46
	303	D5	1500	2	8.56	5.49	0.50		0.29			23.9	4.46
	303	D5	1500	2	8.42	5.40	0.49		0.61			26.4	4.46
	303	D5	1500	2	7.65	4.90	0.45		0.63			22.0	4.46
	303	D5	1500	2	10.22	6.57	0.62		0.67			28.1	4.2
	303	D5	1500	2	10.47	6.73	0.64		0.65			27.7	4.2
	303	D5	1500	2	9.08	5.84	0.55		0.62			27.0	4.2
	303	D5	1500	2	8.68	5.58	0.53		0.71			24.3	4.2
	303	D5	1500	2	9.08	5.84	0.55		0.56			25.6	4.2
	303	D5	1500	2	9.10	5.85	0.55		0.64			28.6	4.2
	303	D5(100atm)	1500	2	7.97	5.11	0.47		0.43			23.5	4.46
	303	D5(100atm)	1500	2	8.45	5.41	0.49		0.57			24.0	4.46
	303	D5(100atm)	1500	2	6.50	4.17	0.38		0.31			25.7	4.46
	303	D5(100atm)	1500	2	9.82	6.29	0.58		0.60			26.3	4.46
	303	D5(100atm)	1500	2	7.85	5.03	0.46		0.33			24.6	4.46
	303	D5(100atm)	1500	2	7.07	4.53	0.41		0.72			23.5	4.46
	303	D5(100atm)	1500	2	9.34	6.01	0.57		0.50			27.8	4.2
	303	D5(100atm)	1500	2	7.71	4.96	0.47		0.80			23.4	4.2
	303	D5(100atm)	1500	2	7.54	4.85	0.46		0.23			23.7	4.2
	303	D5(100atm)	1500	2	8.67	5.58	0.53		0.40			27.6	4.2
	303	D5(100atm)	1500	2	10.01	6.43	0.61		0.60			26.4	4.2
	303	D6	1500	2	6.46	3.63	0.44		1.11			21.5	8.38
	303	D6	1500	2	6.08	3.41	0.42		0.89			21.7	8.38
	303	D6	1500	2	2.14	1.20	0.15		0.36			12.8	8.38
	303	D6	1500	2	6.69	3.76	0.46		1.22			28.5	8.38
	303	D6	1500	2	4.03	2.26	0.28		1.03			21.4	8.38
	303	D6	1500	2	6.93	3.90	0.47		0.27			22.6	8.38
	303	D7	1500	2	7.70	4.43	0.65		1.18			28.6	14.1
	303	D7	1500	2	7.37	4.25	0.63		1.22			30.4	14.1
	303	D7	1500	2	4.67	2.69	0.40		0.79			31.2	14.1
	303	D7	1500	2	6.77	3.90	0.58		0.92			29.4	14.1
	303	D8	1500	2	3.71	2.01	0.29		1.42			15.6	4.53
	303	D8	1500	2	5.74	3.11	0.45		1.04			29.0	4.53
	303	D8	1500	2	3.46	1.87	0.27		1.28			15.6	4.53
	303	D8	1500	2	4.27	2.31	0.33		1.55			18.0	4.53
	303	D8	1500	2	2.38	1.29	0.18		0.28			16.2	4.53
	303	D8	1500	2	4.21	2.28	0.33		0.88			18.1	4.53
	303	D8	1500	2	6.32	3.43	0.49		1.90			25.2	4.53
	303	D8	1500	2	6.19	3.36	0.48		1.88			19.8	4.53
	303	D8	1500	2	7.72	4.19	0.60		1.13			23	4.53
	303	D8	1500	2	7.20	3.90	0.56		1.58			20.5	4.53
	303	D9	1500	2	3.31	1.74	0.29		1.09			18.9	7.54
	303	D9	1500	2	2.83	1.48	0.24		0.41			15.7	7.54
	303	D9	1500	2	2.36	1.24	0.20		0.38			12.5	7.54
	303	D9	1500	2	3.58	1.88	0.31		0.71			17.5	7.54
	303	D9	1500	2	1.18	0.62	0.10		0.76			12.1	7.54

	303	S1	130	8	1.54	0.68	0.16		1.138			20.0	9.79
	303	S1	130	8	1.48	0.65	0.15		0.803			19.7	9.79
	303	S1	130	8	2.1	0.92	0.22		0.813			19.5	9.79
	303	S1	130	8	2.87	1.26	0.30		1.216			19.7	9.79
	303	S1	130	8	2.46	1.08	0.26		1.051			20.2	9.79
	303	S2	50	2	1.16	0.45	0.13		0.580			11.2	9.25
	303	S2	50	2	1.55	0.60	0.17		0.790			8.5	9.25
	303	S2	50	2	1.42	0.55	0.15		0.530			9.2	9.25
	303	S2	50	2	1.06	0.41	0.11		0.570			2.7	9.25
	303	S2	50	2	2.35	0.92	0.25		0.700			11.8	9.25
	303	S2	50	2	1.88	0.73	0.20		0.700			7.2	9.25
	303	S2	50	2	1.32	0.51	0.14		0.550			6.3	9.25
	303	S3	25	6	1.71	0.67	0.16		1.013			15.2	15.4
	303	S3	25	6	1.11	0.44	0.11		0.849			15.6	15.4
	303	S3	25	6	2.17	0.85	0.21		1.445			19.7	15.4
	303	S3	25	6	2.79	1.09	0.27		1.134			17.3	15.4
	303	S3	25	6	0.816	0.32	0.08		0.559			15.2	15.4
	303	S4	125	2	3.96	2.13	0.36		0.571			20.1	11.7
	303	S4	125	2	3.11	1.68	0.28		0.665			20.1	11.7
	303	S4	125	2	3.35	1.81	0.30		0.925			20.7	11.7
	303	S4	125	2	3.9	2.10	0.35		0.569			20.8	11.7
	303	S4	125	2	3.86	2.08	0.35		0.660			21.2	11.7
	303	S4	125	2	2.54	1.37	0.23		0.584			19.3	11.7
	303	S4	125	2	2.62	1.41	0.24		0.617			20.4	11.7
	303	S4	125	2	5.04	2.72	0.45		0.789			22.2	11.7
	303	a	75	6	0.282	0.087	0.032		0.201			4.24	20.8
	303	a	75	6	0.247	0.076	0.028		0.103			4.08	20.8
	303	a	75	6	0.307	0.094	0.035		0.235			4.97	20.8
	303	a	75	6	0.241	0.074	0.027		0.181			3.78	20.8
	303	a	75	6	0.208	0.064	0.024		0.191			3.10	20.8
	303	a	75	6	0.282	0.087	0.032		0.235			4.23	20.8
	303	a	75	6	0.285	0.088	0.032		0.243			3.82	20.8
	303	a	75	6	0.29	0.089	0.033		0.310			4.40	20.8
	303	b	75	6	1.66	0.687	0.181		1.449			20.85	13.5
	303	b	75	6	2.401	0.994	0.262		0.899			19.53	13.5
	303	b	75	6	2.707	1.121	0.296		1.73			18.25	13.5
	303	b	75	6	1.414	0.585	0.155		1.51			19.81	13.5
	303	b	75	6	1.298	0.537	0.142		1.21			19.64	13.5
	303	b	75	6	2.303	0.954	0.252		1.46			23.05	13.5
	303	b	75	6	1.241	0.514	0.136		0.634			19.34	13.5
	303	c	75	3	8.65	5.45	0.59		2.09			25.09	4.6
	303	c	75	3	7.04	4.43	0.48		2.27			21.29	4.6
	303	c	75	3	9.48	5.97	0.64		2.63			25.32	4.6
	303	c	75	3	5.41	3.41	0.37		1.55			22.61	4.6
	303	c	75	3	9.8	6.17	0.66		2.61			26.84	4.6
	303	c	75	3	6.79	4.27	0.46		2.43			24.42	4.6
	303	c	75	3	7.45	4.69	0.51		2.35			21.87	4.6
	303	c	75	3	8.56	5.39	0.58		2.55			25.57	4.6
	303	c	75	5	9.64	6.00	0.64		3.20			27.26	6.1
	303	c	75	5	9.76	6.08	0.65		3.07			26.74	6.1
	303	c	75	5	9.61	5.98	0.64		3.38			27.05	6.1

	303	c	75	5	5.98	3.72	0.40		2.84			24.70	6.1
	303	c	75	5	7.1	4.42	0.47		2.78			21.24	6.1
	303	c	75	5	6.58	4.10	0.44		3.05			21.45	6.1
	303	c	75	5	9.57	5.96	0.63		3.17			26.51	6.1
	303	c	75	5	9.8	6.10	0.65		3.07			27.86	6.1
	304	a	75	5	1.35	0.864	0.08		0.888			4.08	6.1
	304	a	75	5	1.4	0.896	0.083		0.915			4.02	5.3
	304	a	75	5	1.1	0.704	0.066		0.660			3.73	5.3
	304	a	75	5	1.43	0.915	0.085		0.779			4.35	5.3
	304	a	75	5	1.68	1.075	0.1		0.868			4.51	5.3
	304	a	75	5	1.35	0.864	0.08		0.837			4.56	5.3
	304	a	75	5	1.34	0.857	0.08		0.758			4.10	5.3
	304	a	75	5	1.08	0.691	0.064		0.627			3.51	5.3
	304	b	75	4	1.24	0.762	0.082		0.657			4.11	8.6
	304	b	75	4	1.65	1.013	0.109		0.847			5.05	8.6
	304	b	75	4	1.33	0.817	0.088		0.809			4.32	8.6
	304	b	75	4	1.77	1.087	0.117		0.811			5.05	8.6
	304	b	75	4	1.4	0.86	0.092		0.885			4.51	8.6
	304	b	75	4	1.43	0.878	0.094		0.777			4.28	8.6
	304	b	75	4	1.46	0.897	0.096		0.847			4.21	8.6
	304	b	75	4	0.72	0.442	0.048		0.589			3.09	8.6
	305	a	250	3	0.379	0.127	0.043		0.375				
	305	a	250	3	0.288	0.096	0.033		0.314				
	305	a	250	3	0.304	0.102	0.035		0.264				
	305	a	250	3	0.321	0.107	0.037		0.240				
	305	a	250	3	0.399	0.134	0.046		0.285				
	305	a	250	3	0.411	0.138	0.047		0.383				
	305	a	250	3	0.208	0.07	0.024		0.156				
	305	a	250	3	0.343	0.115	0.039		0.283				
	305	b	15	8	0.836	0.497	0.063		0.361				
	305	b	15	8	0.875	0.52	0.066		0.665				
	305	b	15	8	1.002	0.595	0.075		0.748				
	305	b	15	8	0.998	0.593	0.075		0.817				
	305	b	15	7.3	0.65	0.367	0.052		0.223				
	305	b	15	7.3	0.54	0.305	0.043		0.187				
	305	b	15	7.3	0.54	0.305	0.043		0.217				
	305	b	15	7.3	0.57	0.322	0.046		0.190				
	306		75	5	1.12	0.489	0.105		1.07			11.29	8.6
	306		75	5	1.16	0.506	0.108		1.08			11.82	8.6
	306		75	5	0.841	0.367	0.079		1.16			9.79	8.6
	306		75	5	1.1	0.48	0.103		0.984			10.88	8.6
	306		75	5	0.927	0.405	0.087		0.894			10.19	8.6
	306		75	5	1.23	0.537	0.115		0.997			11.15	8.6
	306		75	5	1.04	0.454	0.097		1.06			9.79	8.6
	306		75	5	1.11	0.485	0.104		1.10			9.70	8.6
	307		15	8	0.565	0.321	0.048		0.453			3.66	7.7
	307		15	8	0.451	0.256	0.038		0.418			4.00	7.7
	307		15	8	0.425	0.241	0.036		0.484			4.35	7.7
	307		15	8	0.426	0.242	0.036		0.519			3.52	7.7
	307		15	8	0.511	0.290	0.043		0.294			4.75	7.7
	307		15	8	0.465	0.264	0.039		0.296			5.20	7.7

	307		15	8	0.263	0.149	0.022		0.303			4.01	7.7
	307		15	8	0.263	0.149	0.022		0.296			4.67	7.7
	308		75	5.8	0.9	0.468	0.076		0.644			18.76	9.29
	308		75	5.8	3.77	1.960	0.317		1.86			23.05	9.29
	309	a	75	5.8	0.233	0.106	0.018		0.259			5.09	9.29
	309	a	75	5.8	0.255	0.116	0.020		0.243			4.20	9.29
	309	b	15	8	0.836	0.497	0.063		0.361			4.65	5.86
	309	b	15	8	0.875	0.520	0.066		0.665			4.82	5.86
	309	b	15	8	1.002	0.595	0.075		0.748			4.64	5.86
	309	b	15	8	0.998	0.593	0.075		0.817			5.56	5.86
	310		15	22	0.29	0.134	0.031		0.546			14.88	
	310		15	22	0.28	0.130	0.030		0.537			12.58	
	310		15	22	0.21	0.097	0.022		0.698			5.19	
	310		15	22	0.28	0.130	0.030		0.616			14.36	
	311	a	135	4.7	0.195	0.091	0.024		0.422			4.50	9.31
	311	a	135	4.7	0.223	0.104	0.027		0.445			3.19	9.31
	311	a	135	4.7	0.19	0.089	0.023		0.406			2.22	9.31
	311	a	135	4.7	0.207	0.096	0.025		0.385			2.58	9.31
	311	a	135	4.7	0.199	0.093	0.024		0.314			1.83	9.31
	311	a	135	4.7	0.205	0.096	0.025		0.413			2.99	9.31
	311	b	75	5.8	0.188	0.084	0.022		0.272			2.24	
	311	b	75	5.8	0.178	0.080	0.021		0.283			1.90	
	312	a	75	6	0.315	0.143	0.034		0.367			3.94	
	312	a	75	6	0.308	0.140	0.034		0.382			4.80	
	312	a	75	6	0.343	0.156	0.038		0.575			4.89	
	312	a	75	6	0.323	0.147	0.035		0.410			4.30	
	312	a	75	5.8	0.395	0.193	0.042		0.424			4.19	
	312	a	75	5.8	0.41	0.200	0.044		0.422			3.49	
	312	b	100	3	0.31	0.156	0.031		0.314			7.78	8.23
	312	b	100	3	0.37	0.186	0.037		0.283			7.38	8.23
	312	b	100	3	0.39	0.196	0.039		0.383			7.62	8.23
	312	b	100	3	0.365	0.183	0.036		0.364			11.22	8.23
	313		100	13.6	0.41	0.177	0.049		0.543			4.75	
	313		100	13.6	0.317	0.136	0.038		0.605			4.92	
	313		100	13.6	0.413	0.178	0.049		0.830			6.29	
	313		100	13.6	0.34	0.146	0.041		0.769			4.79	
	313		100	13.6	0.39	0.168	0.047		0.765			4.19	
	313		100	13.6	0.38	0.164	0.045		0.637			4.34	
	313		100	13.6	0.405	0.174	0.048		0.784			3.80	
	313		100	13.6	0.326	0.140	0.039		0.604			7.06	
	314		100	12	0.33	0.136	0.038		0.506			5.83	16.74
	314		100	12	0.433	0.179	0.050		0.625			5.49	16.74
	314		100	12	0.413	0.171	0.048		0.608			5.70	16.74
	314		100	12	0.373	0.154	0.043		0.456			4.90	16.74
	315	a	75	6	0.45	0.217	0.052		0.381			3.73	8.42
	315	a	75	6	0.432	0.209	0.050		0.386			3.55	8.42
	315	a	75	6	0.488	0.235	0.057		0.339			4.76	8.42
	315	a	75	6	0.433	0.209	0.050		0.348			4.68	8.42
	315	b	100	3	0.45	0.238	0.049		0.267			17.54	10.91
	315	b	100	3	0.38	0.201	0.042		0.266			13.16	10.91
	315	b	100	3	0.41	0.217	0.045		0.294			14.21	10.91

	315	b	100	3	0.497	0.263	0.055		0.262			13.59	10.91
	316	a	100	11.3	0.34	0.168	0.036		0.485			15.52	18.38
	316	a	100	11.3	0.52	0.257	0.055		0.827			16.45	18.38
	316	a	100	11.3	0.31	0.153	0.033		0.479			9.28	18.38
	316	a	100	11.3	0.49	0.242	0.052		0.620			4.72	18.38
	316	a	100	20	0.17	0.077	0.021		0.829			13.06	
	316	a	100	20	0.29	0.131	0.035		0.988			15.41	
	316	a	100	16	0.415	0.188	0.051		0.928			15.00	
	316	a	100	16	0.245	0.111	0.030		0.557			16.43	
	316	a	100	16	0.325	0.147	0.040		0.856			17.06	
	316	a	100	16	0.35	0.158	0.043		1.28			29.12	
	316	a	100	16	0.34	0.154	0.042		0.901			31.23	
	316	b	15	20.2	0.23	0.110	0.025		0.763			7.42	12
	316	b	15	20.2	0.22	0.105	0.024		0.874			7.65	12
	316	b	15	20.2	0.15	0.072	0.016		0.644			12.30	12
	316	b	15	20.2	0.12	0.058	0.013		0.691			9.61	12
	317	a	100	11.3	0.33	0.143	0.037		0.640			4.08	
	317	a	100	11.3	0.37	0.160	0.041		0.867			4.94	
	317	a	100	11.3	0.29	0.125	0.032		0.514			2.72	
	317	a	100	11.3	0.34	0.147	0.038		0.814			3.58	
	317	a	100	13	0.195	0.084	0.023		0.591			7.78	
	317	a	100	13	0.128	0.055	0.015		0.418			7.86	
	317	a	100	13	0.275	0.118	0.032		0.348			7.13	
	317	a	100	13	0.155	0.066	0.018		0.390			2.35	
	317	a	100	13	0.17	0.073	0.020		0.481			3.38	
	317	a	100	13	0.145	0.062	0.017		0.396			3.50	
	317	a	100	13	0.158	0.067	0.019		0.348			3.38	
	317	a	100	13	0.083	0.035	0.010		0.261			2.99	
	317	b	15	20.2	0.09	0.039	0.010		0.487			6.30	
	317	b	15	20.2	0.1	0.044	0.012		0.331			8.44	
	317	b	15	20.2	0.115	0.050	0.013		0.611			8.70	
	318		100	6	0.51	0.232	0.060		0.577			25.02	
	318		100	6	0.72	0.327	0.085		1.16			22.51	
	318		100	6	0.39	0.177	0.046		0.382			26.69	
	318		100	6	0.48	0.218	0.057		0.764			10.45	
	318		100	6	0.44	0.200	0.052		0.584			11.51	
	318		100	3	0.87	0.396	0.103		1.04			39.18	
	318		100	3	0.6	0.273	0.071		0.736			39.85	
	318		100	3	0.55	0.250	0.065		0.937			43.15	
	318		100	3	0.47	0.214	0.056		0.655			40.26	
	319		750	3	1.60	0.668	0.151		0.543			9.52	
	320		750	3	12.9	7.108	0.929		1.27			46.60	8.92
	321		1500	2	43.02	26.93	2.93		5.22			127.5	4.75
	322		125	3	7.34	0.999	0.286		0.663			167.5	60.3
	322		125	3	12.02	1.636	0.468		0.540			292.6	60.3
	322		125	3	9.29	1.264	0.361		1.27			222.0	60.3
	322		125	3	6.66	0.906	0.259		0.534			148.3	60.3
	322		125	3	3.31	0.450	0.129		0.310			81.1	60.3
	322		125	3	2.09	0.284	0.081		0.242			48.9	60.3
	322		125	3	2.34	0.318	0.091		0.250			55.1	60.3
	322		125	3	2.86	0.389	0.111		0.316			66.3	60.3

	323		4000	1.5	41.65	21.72	3.75		8.73			165.4	9.87
	324		4000	1.5	239	118.16	10.87		6.40			1521.0	20.1
	325		1500	2	0.921	0.251	0.083		0.290			3.17	
	325		1500	2	0.791	0.348	0.060		0.287			3.00	
	326	a	1500	2	2.114	0.869	0.161		0.603			19.04	19.4
	326	a	1500	2	2.798	1.150	0.213		1.05			18.99	19.4
	326	b	3350	1.5	2.855	1.252	0.254		0.931			19.91	
	326	c	2500	1.5	1.751	0.827	0.149		0.149	7		11.72	12.3
	326	d	2500	1.5	3.307	1.656	0.259		0.549	f		18.37	13.0
	326	d	2500	1.5	3.138	1.572	0.246		0.621	f		17.76	13.0
	326	d	2500	1.5	2.724	1.364	0.213		0.500	f		15.03	13.0
	326	e	2500	1.5	2.56	1.280	0.198		0.698	m		13.38	12.8
	326	e	2500	1.5	2.694	1.347	0.209		0.371	m		14.53	12.8
	327		750	3	19.5	3.764	0.741		1.06			412.0	59.7
	327		750	3	1.742	0.368	0.066		0.336			29.47	59.7
	327		750	3	1.05	0.222	0.040		0.213			22.98	59.7
	327		750	3	1.114	0.235	0.042		0.191			23.22	59.7
	327		750	3	1.462	0.308	0.056		0.243			29.53	59.7
	327		750	3	4.275	0.825	0.162		0.361			97.47	59.7
	327		750	3	1.526	0.322	0.058		0.187			32.92	59.7
	327		750	3	22.63	3.734	0.724		1.36			461.4	59.7
	327		750	3	2.69	0.465	0.083		0.233			63.60	59.7
	328		750	3	1.225	0.687	0.053		0.366			5.81	
	329	a	750	3	53.71	31.85	3.33		3.80			237.4	7.1
	329	a	750	3	16.01	9.492	0.992		2.29			82.96	7.1
	329	a	750	3	21.46	12.73	1.331		2.73			94.54	7.1
	329	a	750	3	50.66	30.04	3.141		3.90			198.7	7.1
	329	a	750	3	25.50	15.30	1.581		2.14			100.8	7.1
	329	a	750	3	16.55	9.929	1.026		1.71			76.18	7.1
	329	b	750	3	52.98	29.77	3.497		3.20			241.9	10.4
	329	b	750	3	23.38	13.14	1.543		2.60			116.1	10.4
	329	b	750	3	14.76	8.856	0.945		0.548			60.00	8.3
	329	b	750	3	6.63	3.726	0.438		0.698			33.20	8.3
	329	c	1500	2	77.14	41.79	5.824		4.170			443.7	13.9
	329	c	1500	2	94.24	58.24	5.456		4.990			359.9	13.9
	329	d	750	3	10.37	5.764	0.723		0.996			59.66	11.8
	329	d	750	3	11.34	6.303	0.790		1.09			59.84	11.8
	329	d	750	3	22.88	12.72	1.595		0.749			106.6	11.8
	330		1500	2	62.13	34.98	4.163		6.30			292.5	10.6
	330		1500	2	183.1	109.0	11.5		9.21			789.5	8.6
	330		750	3	49.91	29.95	3.194		2.13			180.2	8.6
	331	a	4000	1.5	3.839	2.165	0.280		0.318			12.37	
	331	b	4000	1.5	3.912	2.358	0.235		0.333			10.11	
	332		750	3	4.007	2.474	0.171		0.809			12.38	9.1
	333	a	750	3	34.97	21.40	2.294		2.56			106.8	5.9
	333	b	750	3	21.02	12.40	1.471		2.10			75.26	6.0
	333	c	750	3	12.31	7.595	0.603		1.86			43.80	8.1
	334	a	1500	2	6.09	2.328	0.661		0.773			92.70	
	334	b	1500	2	9.32	2.494	0.862		1.30			154.0	31.9
	334	c	1500	2	2.13	0.550	0.177		0.336			32.70	31.9
	334	d	1500	2	3.09	1.135	0.276		0.126			35.35	31.9

	335		750	3	24.63	13.69	1.601		1.95			144.2	9.9
	336	a	750	3	7.662	4.482	0.505		0.885			43.35	
	336	b	4000	1.5	1.015	0.594	0.067		0.257			2.15	4.3
	337		2500	1.5	15.85	6.101	1.315		0.715			175.3	20.9
	338	a	750	3	26.12	9.101	1.708		2.35			406.0	34.4
	338	b	1500	2	44.32	16.71	3.279		6.51			605.8	30.1
	338	b	750	3	33.25	12.53	2.460		1.87			447.9	30.1
	339		4000	1.5	0.517	0.278	0.030		0.130			1.92	
	340		750	3	18.12	4.174	1.019		3.36			224.7	47.5
	340		750	3	1.039	0.239	0.058		0.335			15.43	47.5
	340		750	3	3.542	0.816	0.199		0.623			60.51	47.5
	341		1500	2	8.742	3.116	0.682		1.56			80.95	29.6
	342		750	3	9.338	4.085	0.965		3.63			41.25	11.6
	342		750	3	9.006	3.940	0.930		4.51			42.72	11.6
	343		4000	1.5	3.511	1.369	0.333		0.390			31.43	18.5
	344	a	2500	1.5	12.36	5.671	1.045		0.644			96.78	16.3
	344	a	2500	1.5	10.41	4.773	0.879		0.470			86.21	16.3
	344	a	2500	1.5	10.23	4.693	0.864		0.585			88.02	16.3
	344	a	2500	1.5	3.352	1.538	0.283		0.313			32.80	16.3
	344	a	2500	1.5	10.19	4.675	0.861		0.724			89.30	16.3
	344	a	2500	1.5	3.675	1.686	0.311		0.315			31.13	16.3
	344	a	2500	1.5	12.015	5.026	0.954		0.802			94.06	16.3
	344	a	2500	1.5	10.67	4.461	0.847		0.724			121.07	24.5
	344	a	2500	1.5	8.246	3.449	0.655		0.795			73.35	24.5
	344	a	2500	1.5	8.378	3.505	0.665		0.758			77.06	24.5
	344	a	2500	1.5	10.17	4.237	0.838		0.604			122.96	21.5
	344	a	2500	1.5	10.23	4.261	0.843		0.653			84.64	21.5
	344	a	2500	1.5	11.89	4.951	0.979		0.704			110.29	21.5
	344	a	2500	1.5	9.074	3.779	0.748		0.376			93.91	21.5
	344	b	3350	1.5	5.655	2.96	0.50		0.581			35.03	14.7
	344	b	3350	1.5	6.26	2.48	0.53		0.604			86.31	25.9
	344	b	3350	1.5	13.04	5.17	1.10		0.699			144.71	25.9
	344	c	2500	1.5	5.34	2.25	0.46		0.229			64.1	22.6
	344	c	2500	1.5	9.54	4.03	0.82		0.541			102.6	22.6
	344	c	2500	1.5	6.95	2.93	0.6		0.383			67.6	22.6
	344	c	2500	1.5	2.53	1.07	0.22		0.256				22.6
	344	c	2500	1.5	2.68	1.13	0.23		0.150			27.8	22.6
	344	c	2500	1.5	2.04	0.86	0.18		0.227				22.6
	344	c	2500	1.5	2.95	1.24	0.25		0.193			36.6	22.6
	344	c	2500	1.5	6.89	2.91	0.59		0.442			59.2	22.6
	344	d	1500	2	14.28	6.48	1.23		0.792			130.3	18.4
	344	d	1500	2	10.11	4.59	0.87		0.597			89.0	18.4
	344	d	1500	2	11.44	5.19	0.98		0.524			101.2	18.4
	344	d	1500	2	10.38	4.71	0.89		0.597			90.1	18.4
	344	e	1500	2	9.499	3.496	0.864		0.515			104.1	27.5
	344	e	1500	2	4.736	1.743	0.431		0.157			67.35	27.5
	344	e	1500	2	3.256	1.198	0.296		0.194			45.38	27.5
	345	a	750	3	1.4	0.56	0.11		0.062				27.5
	345	a	750	3	1.55	0.62	0.12		0.079			22.4	25.1
	345	a	750	3	2.05	0.82	0.16		0.261			19.7	25.1
	345	a	750	3	1.7	0.68	0.13		0.103			21.0	25.1

	345	a	750	3	1.96	0.79	0.15		0.206			22.6	25.1
	345	a	750	3	2.16	0.87	0.17		0.057			21.12	25.1
	345	a	750	3	1.83	0.69	0.14		0.142			19.77	25.1
	345	a	750	3	2.12	0.8	0.16		0.231			23.80	25.1
	345	a	750	3	1.78	0.67	0.13		0.168				25.1
	345	a	750	3	1.47	0.55	0.11		0.149			19.35	25.1
	345	a	750	3	1.45	0.55	0.11		0.154			20.40	25.1
	345	a	750	3	1.51	0.57	0.11		0.089			19.67	25.1
	345	b	750	3	1.725	0.607	0.154		0.226			23.43	27.9
	345	b	750	3	1.25	0.44	0.111		0.140			17.81	27.9
	345	b	750	3	1.253	0.441	0.112		0.110			18.62	27.9
	345	b	750	3	1.394	0.491	0.124		0.203			17.85	27.9
	345	b	750	3	1.267	0.446	0.113		0.135			16.05	27.9
	346		750	2	1.088	0.354	0.085		0.110			14.48	32.9
	346		750	2	1.123	0.366	0.087		0.113			16.03	32.9
	346		750	2	1.419	0.462	0.110		0.178			20.50	32.9
	346		750	2	1.234	0.461	0.111		0.103			16.25	32.9
	346		750	2	1.356	0.507	0.122		0.170			18.53	32.9
	347		175	2	3.91	1.58	0.47		0.771			43.85	102.0
	347		175	2	5.45	2.2	0.66		1.41			59.90	102.0
	347		175	2	3.84	1.55	0.46		0.815			40.40	102.0
	347		175	2	2.8	1.13	0.34		0.612			31.35	102.0
	347		175	2	2.75	1.11	0.33		0.729			30.15	102.0
	347		175	2	2.06	0.83	0.25		0.578			23.25	102.0
	347		175	2	1.71	0.69	0.21		0.617			19.00	102.0
	347		175	2	2.13	0.86	0.26		0.593			23.60	102.0
	347		175	2	4.1	1.66	0.5		0.841			45.00	102.0
	347		175	2	3.69	1.49	0.45		0.783			40.45	102.0
	348		2500	1.5	11.56	4.197	1.277		1.49			133.9	17.4
	348		1500	2	4.073	2.13	0.367		0.286			22.70	
	348		750	3	3.54	1.635	0.343		0.323			26.57	7.7
	349		750	3	11.92	2.718	0.708		1.32			249	50.4
	349		750	3	17.27	3.938	1.026		1.61			260	50.4
	349		750	3	18.74	4.273	1.113		1.34			335	50.4
	349		750	3	11.9	2.71	0.71		0.883			207	50.4
	349		750	3	14.51	3.31	0.86		1.01				50.4
	349		750	3	11.53	2.63	0.68		1.07			208	50.4
	349		750	3	11.48	2.62	0.68		0.820			205	50.4
	350	a	1500	2	5.28	2.18	0.55		0.533			48	13.2
	350	a	1500	2	10.74	4.43	1.13		1.16			107	13.2
	350	a	1500	2	12.05	4.61	1.31		1.50			122.6	13.2
	350	b	750	3	8.65	3.72	0.93		1.72			81.21	10.1
	350	b	750	3	6.23	2.68	0.67		1.38			58.27	10.1
	350	c	1500	2	9.221	4.20	1.03		1.48			85.62	14.7
	350	c	1500	2	10.04	3.795	0.924		0.486			118.00	14.7
	351	1	750	3	2.065	0.892	0.129		0.463			17.96	
	352	2	750	3	0.625	0.253	0.05		0.121			5.73	
	353	3	750	3	0.429	0.188	0.032		0.113			3.70	
	354	4	750	3	0.468	0.248	0.034		0.174			2.48	7.9
	354	4	750	3	0.446	0.236	0.032		0.176			2.65	7.9
	355	5	750	3	0.484	0.270	0.034		0.141			2.12	

	356	6	750	3	0.545	0.328	0.038		0.228				
	356	6	750	3	0.718	0.432	0.050		0.348				
	356	6	750	3	0.598	0.360	0.042		0.203				
	356	6	750	3	0.726	0.437	0.051		0.291				
	356	6	750	3	0.707	0.426	0.049		0.274				
	356	6	750	3	0.9	0.542	0.063		0.323				
	356	6	750	3	0.76	0.458	0.053		0.318				
	356	6	750	3	0.751	0.452	0.052		0.353				
	357	7	750	3	0.431	0.219	0.031		0.368			2.09	8.1
	357	7	750	3	0.427	0.217	0.031		0.185			2.60	8.1
	357	8	750	3	0.541	0.241	0.064		0.342			2.63	8.0
	357	8	750	3	0.568	0.253	0.068		0.259			2.70	8.0
	357	8	750	3	0.588	0.261	0.070		0.397			2.73	8.0
	357	8	750	3	0.511	0.227	0.061		0.168			2.44	8.0
	357	8	750	3	0.596	0.265	0.071		0.483			2.75	8.0
	357	8	750	3	0.578	0.257	0.069		0.267			2.88	8.0
	358	9	750	3	0.543	0.232	0.065		0.513				
	358	9	750	3	0.56	0.239	0.067		0.425				
	358	9	750	3	0.58	0.248	0.069		0.416				
	358	9	750	3	0.57	0.243	0.068		0.532				
	359	10	750	3	0.435	0.179	0.05		0.231			2.33	
	360	11	750	3	0.762	0.335	0.08		0.397			4.33	
	361	12	750	3	0.874	0.399	0.101		0.548			4.16	
	361	12	750	3	0.511	0.234	0.059		0.285			2.11	
	362	13	750	3	1.197	0.521	0.153		0.816			5.54	
	362	13	750	3	1.277	0.555	0.163		0.753			5.80	
	363	14	750	3	0.997	0.529	0.088		0.286			3.38	
	363	14	750	3	0.908	0.482	0.080		0.740			4.39	
	364	15	750	3	2.459	1.126	0.28		1.14			19.83	
	365	16	750	3	2.534	1.1403	0.284		1.39			11.84	
	365	16	750	3	1.3	0.585	0.146		0.668			6.67	
	366	17	750	3	1.011	0.494	0.093		0.520			4.27	8.1
	366	17	750	3	0.807	0.395	0.074		0.625			3.56	8.1
	366	17	750	3	0.924	0.452	0.085		0.365			3.51	8.1
	366	17	750	3	0.979	0.479	0.090		0.703			3.63	8.1
	367	18	750	3	0.517	0.241	0.054		0.086			2.19	
	368	19	750	3	0.914	0.439	0.077		0.432			5.11	
	368	20	750	3	0.956	0.423	0.105		0.603			5.14	11.2
	368	20	750	3	0.947	0.419	0.104		0.217			5.47	11.2
	368	20	750	3	0.944	0.417	0.104		0.267			5.52	11.2
	369	21	750	3	0.381	0.180	0.041		0.228			2.03	
	370	22	750	3	1.238	0.624	0.117		0.770			5.29	
	370	23	750	3	0.412	0.186	0.050		0.237			2.31	8.8
	370	23	750	3	0.442	0.199	0.053		0.262			2.14	8.8
	370	23	750	3	0.455	0.205	0.055		0.253			2.35	8.8
	371	24	750	3	0.488	0.223	0.051		0.237			2.50	
	371	25	750	3	0.323	0.130	0.034		0.225			2.07	
	371	26	750	3	0.54	0.258	0.058		0.337			2.26	7.2
	371	26	750	3	0.53	0.253	0.057		0.367			2.50	7.2
	371	26	750	3	0.53	0.253	0.057		0.289			2.25	7.2
	371	26	750	3	0.5	0.239	0.054		0.255			2.12	7.2

	371	26	750	3	0.445	0.213	0.048		0.235			2.05	7.2
	372	27	750	3	0.7	0.296	0.071		0.488			4.58	
	373	28	750	3	1.592	0.923	0.125		0.583			4.96	
	373	29	750	3	1.275	0.687	0.109		0.632			4.79	
	374	30	750	3	3.332	1.696	0.322		1.27			12.39	6.8
	375	31	750	3	3.862	2.394	0.246		0.703			11.53	4.1
	376	32	750	3	1.351	0.762	0.095		0.366			6.40	
	376	33	750	3	1.793	1.038	0.131		0.448			6.79	
	376	34	750	3	5.197	3.035	0.389		0.702			17.68	5.0
	376	34	750	3	4.36	2.546	0.326		0.736			16.39	5.0
	376	34	750	3	4.999	2.919	0.374		0.945			17.48	5.0
	377	35	750	3	4.969	2.877	0.357		1.01			16.35	3.7
	378	36	750	3	0.744	0.424	0.054		0.164			3.35	
	378	37	750	3	0.939	0.550	0.066		0.244			3.22	
	378	38	750	3	1.122	0.660	0.079		0.314			6.52	
	378	39	750	3	0.685	0.390	0.050		0.187			2.66	
	378	39	750	3	1.245	0.684	0.096		0.261			5.99	
	378	40	750	3	1.192	0.653	0.083		0.286			5.62	
	378	41	750	3	2.38	1.383	0.174		0.550			8.10	5.3
	378	42	750	3	6.126	3.657	0.412		0.933			18.79	6.0
	378	42	750	3	5.302	3.165	0.356		0.910			17.21	6.0
	378	42	750	3	5.717	3.413	0.384		0.685			17.12	6.0
	378	43	750	3	2.068	1.063	0.197		1.24			9.23	
	378	43	750	3	2.28	1.172	0.217		1.60			8.98	
	378	43	750	3	1.682	0.865	0.160		0.455			8.63	
	378	43	750	3	1.745	0.897	0.166		0.835			8.68	
	379	44	750	3	5.392	3.165	0.401		1.05			16.19	5.7
	379	44	750	3	3.827	2.246	0.284		1.19			16.15	5.7
	379	44	750	3	2.385	1.400	0.177		1.01			6.78	5.7
	380	45	750	3	8.557	4.723	0.529		1.62			43.00	13.4
	381	46	750	3	2.585	1.543	0.173		0.796			8.82	
	381	47	750	3	2.983	1.748	0.225		0.426			8.45	5.1
	381	47	750	3	1.561	0.915	0.118		0.662			5.26	5.1
	382	48	750	3	1.902	1.143	0.132		0.491			6.20	
	382	49	750	3	3.289	1.842	0.257		0.778			12.70	6.5
	382	49	750	3	3.707	2.076	0.289		0.374			15.32	6.5
	383	50	750	3	0.684	0.384	0.055		0.281			2.13	
	383	51	750	3	0.872	0.416	0.094		0.562			3.60	
	384	52	750	3	1.008	0.475	0.112		0.774			3.72	
	385	53	750	3	1.062	0.609	0.079		0.411			3.39	
	386	54	750	3	0.818	0.356	0.059		0.503			3.39	
	387	55	1500	2	2.01	0.938	0.152		0.160			16.48	15.6
	387	55	1500	2	2.3	1.073	0.174		0.157			18.85	15.6
	387	55	1500	2	2.92	1.362	0.221		0.139			17.49	15.6
	388	56	1500	2	1.017	0.537	0.075		0.247			5.50	
	389	57	1500	2	2.192	1.190	0.190		0.408			10.91	
	390	58	1500	2	1.81	0.853	0.131		0.268			10.11	
	390	59	1500	2	1.634	0.770	0.119		0.451			10.21	
	391	60	1500	2	0.411	0.215	0.031		0.052			1.90	
	391	61	1500	2	0.31	0.162	0.023		0.040			1.08	
	392	61	1500	2	0.36	0.188	0.027		0.046			1.43	

	392	61	1500	2	0.344	0.162	0.025		0.077			2.28	
	393	62	1500	2	0.99	0.471	0.073		0.066			8.53	
	394	63	1500	2	2.9	1.465	0.232		0.241			13.62	
	395	64	1500	2	1.89	0.987	0.155		0.545			5.61	8.6
	395	64	1500	2	0.706	0.369	0.058		0.292			2.84	8.6
	395	65	1500	2	0.707	0.369	0.058		0.122			4.71	14.9
	396	66	1500	2	0.89	0.451	0.078		0.225			4.73	
	397	67	1500	2	1.01	0.448	0.113		0.273			3.80	8.8
	397	67	1500	2	0.771	0.342	0.086		0.289			3.50	8.8
	397	67	1500	2	0.863	0.383	0.097		0.233			4.40	8.8
	397	67	1500	2	0.692	0.307	0.078		0.252			3.70	8.8
	397	67	1500	2	0.756	0.335	0.085		0.196			3.71	8.8
	397	67	1500	2	0.731	0.324	0.082		0.209			3.69	8.8
	398	68	1500	2	0.82	0.344	0.103		0.511			4.23	
	399	69	1500	2	0.882	0.386	0.09		0.254			5.31	9.1
	399	69	1500	2	1.12	0.49	0.114		0.279			5.09	9.1
	400	70	1500	2	0.935	0.412	0.094		0.277			4.61	14.8
	400	70	1500	2	0.41	0.181	0.041		0.107			2.40	14.8
	401	71	1500	2	1.031	0.474	0.11		0.560			5.43	14.1
	401	71	1500	2	1.148	0.528	0.123		0.133			5.61	14.1
	401	71	1500	2	0.626	0.288	0.067		0.197			4.99	14.1
	402	72	1500	2	0.59	0.312	0.055		0.430			3.16	11.7
	402	73	1500	2	2.05	1.106	0.158		0.535			4.90	
	402	73	1500	2	1.84	0.993	0.142		0.494			5.90	
	402	74	1500	2	1.718	0.97	0.152		0.485			5.94	
	402	74	1500	2	1.557	0.88	0.137		0.715			6.09	
	403	75	1500	2	2.8	1.29	0.29		0.854			11.11	9.9
	403	75	1500	2	2.25	1.04	0.233		0.849			11.19	9.9
	403	76	1500	2	2.533	1.345	0.241		0.713			11.45	9.7
	403	76	1500	2	3.143	1.669	0.299		0.549			13.01	9.7
	403	76	1500	2	3.219	1.709	0.306		0.731			13.16	9.7
	403	76	1500	2	3.332	1.769	0.317		0.593			12.90	9.7
	404	77	1500	2	1.79	0.977	0.147		0.422			5.79	9.8
	405	78	1500	2	1.2	0.640	0.108		0.176			4.80	9.8
	405	79	1500	2	1.022	0.627	0.077		0.130			4.64	9.9
	405	79	1500	2	1.704	1.046	0.128		0.458			4.97	9.9
	406	80	1500	2	2.477	1.242	0.257		0.707			12.12	
	407	81	1500	2	2.34	1.203	0.228		0.958			11.30	9.9
	407	**81**	1500	2	3.3	1.696	0.322		1.30			11.10	9.9
	408	82	1500	2	2.544	1.555	0.201		0.366			7.06	8.3
	408	82	1500	2	4.511	2.758	0.357		0.302			14.48	8.3
	408	83	1500	2	2.568	1.58	0.194		0.332			6.88	8.1
	408	83	1500	2	2.18	1.341	0.165		0.831			7.39	8.1
	408	83	1500	2	2.668	1.641	0.202		0.626			7.66	8.1
	408	84	1500	2	2.63	1.594	0.198		0.309			7.60	6.8
	408	84	1500	2	2.68	1.625	0.202		0.388			7.11	6.8
	408	84	1500	2	1.79	1.085	0.135		0.502			7.19	6.8
	408	84	1500	2	2.72	1.649	0.205		0.201			7.60	6.8
	408	85	1500	2	3.38	1.914	0.239		0.408			16.17	8.5
	408	85	1500	2	5.82	3.295	0.412		0.596			17.91	8.5
	408	85	1500	2	5.24	2.967	0.371		0.467			17.88	8.5

	408	85	1500	2	2.43	1.376	0.172		0.493			6.81	8.5
	408	86	1500	2	5.44	3.227	0.415		0.973			19.66	8.1
	408	86	1500	2	3.49	2.069	0.266		0.643			13.39	8.1
	409	87	1500	2	4.81	2.866	0.365		0.668			4.81	
	410	88	1500	2	2.78	1.628	0.206		0.374			7.70	8.4
	410	88	1500	2	2.04	1.194	0.151		0.361			6.71	8.4
	410	88	1500	2	2.53	1.481	0.187		0.589			10.16	8.4
	410	88	1500	2	2.00	1.171	0.148		0.470			6.49	8.4
	410	89	1500	2	1.92	1.013	0.169		1.06			11.10	6.6
	410	89	1500	2	2.34	1.235	0.206		0.429			7.99	6.6
	411	90	1500	2	2.977	1.712	0.215		0.634			12.51	
	412	91	1500	2	1.274	0.774	0.095		0.238			5.86	8.5
	412	91	1500	2	2.922	1.775	0.219		0.265			7.54	8.5
	412	92	1500	2	2.687	1.615	0.211		0.504			7.63	9.0
	412	92	1500	2	1.319	0.793	0.104		0.218			5.48	9.0
	412	92	1500	2	2.476	1.488	0.195		0.457			7.38	9.0
	412	93	1500	2	3.97	2.264	0.294		0.507			13.50	7.4
	412	93	1500	2	3.96	2.258	0.293		0.816			12.90	7.4
	412	94	1500	2	1.35	0.745	0.108		0.326			4.41	
	412	94	1500	2	0.542	0.299	0.043		0.098			3.56	
	412	95	1500	2	1.65	1.096	0.124		0.238			5.39	
	412	96	1500	2	4.625	2.636	0.342		0.680			15.42	7.4
	413	97	1500	2	3.55	1.818	0.299		0.962			18.49	
	413	98	1500	2	6.919	3.812	0.549		1.02			32.18	9.1
	414	99	1500	2	6.596	3.971	0.479		0.983			20.94	4.2
	414	100	1500	2	5.77	2.827	0.421		1.13			28.56	9.3
	415	101	1500	2	0.524	0.291	0.042		0.166			1.72	
	415	102	1500	2	0.912	0.553	0.066		0.363			3.07	
	415	103	1500	2	0.946	0.522	0.076		0.319			4.13	
	416	104	1500	2	0.664	0.369	0.047		0.260			3.37	
	417	105	1500	2	1.00	0.568	0.075		0.287			3.40	
	417	106	1500	2	1.094	0.660	0.079		0.316			3.67	
	418	107	1500	2	3.19	1.451	0.303		0.922			17.34	
	418	108	1500	2	1.416	0.797	0.128		0.607			5.06	
	419	109	1500	2	1.332	0.681	0.132		0.426			5.96	9.2
	419	109	1500	2	0.978	0.5	0.097		0.416			5.76	9.2
	419	109	1500	2	1.395	0.713	0.139		0.610			6.36	9.2
	419	109	1500	2	0.96	0.491	0.095		0.297			5.54	9.2
	420	110	1500	2	1.337	0.819	0.096		0.275			3.64	9.2
	420	110	1500	2	0.893	0.547	0.064		0.249			3.21	
	421	111	1500	2	1.452	0.715	0.163		0.537			6.00	
	422	112	1500	2	34.49	21.80	2.38		4.17			90.29	3.7
	423	113	2500	1.5	1.681	0.884	0.127		0.202			8.80	
	424	114	2500	1.5	2.724	1.220	0.188		0.136			19.18	
	425	115	2500	1.5	0.528	0.228	0.049		0.162			4.44	
	426	116	2500	1.5	0.777	0.412	0.049		0.271			4.49	
	427	117	2500	1.5	1.528	0.877	0.094		0.157			6.76	
	427	117	2500	1.5	1.512	0.874	0.100		0.067			7.07	
	427	118	2500	1.5	1.398	0.717	0.093		0.238			9.02	
	428	119	2500	1.5	1.189	0.600	0.095		0.122			6.72	
	428	120	2500	1.5	1.534	0.913	0.092		0.291			6.73	

	429	121	2500	1.5	1.705	0.856	0.132		0.271			10.40	
	430	122	2500	1.5	0.393	0.213	0.029		0.090			2.05	
	430	122	2500	1.5	0.424	0.230	0.032		0.077			2.26	
	430	122	2500	1.5	0.459	0.249	0.034		0.081			2.31	
	430	123	2500	1.5	0.407	0.218	0.035		0.138			2.19	
	430	123	2500	1.5	0.5	0.283	0.039		0.135			2.12	
	431	124	2500	1.5	1.178	0.575	0.100		0.406			7.70	8.0
	431	124	2500	1.5	2.634	1.287	0.224		0.392			13.86	8.0
	431	125	2500	1.5	0.81	0.394	0.067		0.271			5.09	
	431	125	2500	1.5	0.926	0.450	0.076		0.172			5.54	
	431	126	2500	1.5	0.818	0.402	0.063		0.191			5.93	
	431	127	2500	1.5	1.267	0.646	0.102		0.276			8.07	
	432	128	2500	1.5	0.735	0.343	0.069		0.222			4.62	
	433	129	2500	1.5	0.708	0.301	0.068		0.251			4.40	
	433	130	2500	1.5	3.444	2.170	0.209		0.785			9.59	8.8
	433	131	2500	1.5	1.261	0.463	0.104		0.346			14.33	
	433	132	2500	1.5	7.03	3.494	0.672		1.32			38.21	11.8
	434	133	2500	1.5	0.605	0.301	0.062		0.178			2.34	
	434	133	2500	1.5	1.065	0.530	0.108		0.346			5.25	
	434	134	2500	1.5	1.316	0.738	0.102		0.155			5.22	
	435	135	2500	1.5	4.074	2.151	0.331		1.50			18.43	8.1
	435	136	2500	1.5	2.463	1.101	0.275		0.701			12.01	11.2
	435	136	2500	1.5	3.082	1.378	0.344		1.31			19.38	11.2
	436	137	2500	1.5	1.085	0.589	0.070		0.156			5.74	
	436	138	2500	1.5	2.495	1.237	0.237		0.758			11.04	7.6
	436	138	2500	1.5	2.71	1.343	0.258		1.01			11.89	7.6
	436	138	2500	1.5	2.531	1.255	0.241		0.675			10.55	7.6
	436	138	2500	1.5	3.051	1.512	0.290		1.10			12.20	7.6
	436	138	2500	1.5	2.533	1.251	0.261		0.922			12.73	
	437	139	2500	1.5	3.639	2.202	0.235		0.935			10.02	4.6
	438	140	2500	1.5	0.445	0.210	0.045		0.082			2.75	
	439	141	2500	1.5	2.155	1.297	0.148		0.556			6.57	
	439	142	2500	1.5	8.892	4.917	0.774		1.79			32.33	4.7
	440	143	2500	1.5	1.157	0.702	0.090		0.310			4.12	
	441	144	2500	1.5	2.64	1.632	0.175		0.269			7.39	
	441	145	2500	1.5	2.125	1.245	0.149		0.264			6.58	
	441	146	2500	1.5	4.638	2.843	0.339		0.839			15.67	9.6
	442	147	2500	1.5	1.041	0.579	0.094		0.109			4.11	
	443	148	2500	1.5	0.803	0.391	0.084		0.433			3.79	
	443	149	2500	1.5	1.029	0.546	0.107		0.369			3.76	
	444	150	2500	1.5	2.577	1.649	0.143		0.503			6.69	
	444	151	2500	1.5	1.524	0.823	0.137		0.373			5.69	
	445	152	2500	1.5	0.447	0.229	0.038		0.135			3.55	
	446	153	2500	1.5	16.78	9.934	1.195		1.26			71.71	7.6
	446	153	2500	1.5	10.52	4.986	0.915		1.05			77.35	13.0
	447	154	2500	1.5	0.868	0.520	0.061		0.232			3.09	
	448	155	2500	1.5	5.64	3.141	0.486		1.16			23.80	8.9
	449	156	4000	1.5	0.98	0.46	0.07		0.350			5.63	
	450	157	4000	1.5	0.47	0.24	0.03		0.200			3.28	
	450	158	4000	1.5	0.58	0.29	0.04		0.220			3.21	
	451	159	4000	1.5	0.65	0.39	0.04		0.130			4.03	

	451	160	4000	1.5	1.68	0.95	0.12		0.210			6.15	7.0
	451	160	4000	1.5	1.06	0.51	0.09		0.300			6.18	7.0
	451	160	4000	1.5	0.96	0.43	0.08		0.320			6.31	7.0
	451	160	4000	1.5	1.77	1.00	0.13		0.300			6.22	7.0
	451	160	4000	1.5	1.33	0.75	0.1		0.340			6.18	7.0
	451	161	4000	1.5	1.41	0.73	0.11		0.410			6.93	
	451	161	4000	1.5	1	0.44	0.1		0.280			6.01	
	451	162	4000	1.5	0.59	0.33	0.04		0.530			3.64	
	451	162	4000	1.5	0.94	0.52	0.07		0.220			3.20	
	452	163	4000	1.5	1.2	0.56	0.12		0.760			5.35	
	452	164	4000	1.5	8.69	5.10	0.54		2.14			31.12	6.1
	453	165	4000	1.5	0.53	0.20	0.04		0.120			2.96	
	454	166	4000	1.5	0.81	0.43	0.05		0.170			3.34	
	455	167	4000	1.5	1.2	0.47	0.08		0.300			6.19	
	456	168	4000	1.5	0.61	0.27	0.05		0.290			2.99	
	456	169	4000	1.5	0.76	0.36	0.06		0.230			4.26	
	457	170	4000	1.5	0.64	0.34	0.05		0.300			2.72	
	458	171	4000	1.5	8.48	4.53	0.74		1.23			32.79	7.6
	459	172	4000	1.5	0.33	0.12	0.02		0.180			3.49	
	459	173	4000	1.5	1.18	0.63	0.08		0.210			6.84	
	459	174	4000	1.5	2.15	0.82	0.21		0.430			16.96	
	459	175	4000	1.5	0.94	0.4	0.08		0.350			6.29	
	460	176	4000	1.5	0.88	0.51	0.06		0.180			2.82	
	460	177	4000	1.5	1.24	0.63	0.10		0.590			5.52	
	461	178	4000	1.5	2.01	1.24	0.11		0.620			5.46	
	461	179	4000	1.5	1.47	0.76	0.14		0.820			5.46	
	462	180	4000	1.5	0.49	0.25	0.03		0.180			2.41	
	463	181	4000	1.5	0.95	0.56	0.05		0.370			3.08	9.6
	464	182	4000	1.5	1.95	1.11	0.11		0.390			7.05	
	464	183	4000	1.5	2.51	1.27	0.2		0.430			11.54	
	465	184	4000	1.5	1.15	0.51	0.12		0.580			5.16	
	465	184	4000	1.5	1.21	0.61	0.12		0.250			4.72	
	465	184	4000	1.5	1.42	0.79	0.12		0.440			4.48	
	465	185	4000	1.5	1.38	0.70	0.13		0.410			5.68	
	465	186	4000	1.5	1.39	0.68	0.13		0.760			6.18	
	465	186	4000	1.5	1.5	0.73	0.15		0.610			6.21	
	465	186	4000	1.5	1.08	0.48	0.12		0.460			5.57	
	465	186	4000	1.5	1.69	0.91	0.14		0.560			6.05	
	466	187	4000	1.5	0.36	0.16	0.03		0.240			1.55	
	467	188	4000	1.5	2.84	1.72	0.17		0.530			8.24	
	468	189	4000	1.5	1.18	0.54	0.14		0.490			3.95	
	469	190	4000	1.5	0.48	0.22	0.04		0.160			2.53	
	469	191	4000	1.5	1.38	0.79	0.09		0.310			5.11	
	470	192	4000	1.5	0.79	0.42	0.06		0.240			3.33	
	470	192	4000	1.5	1	0.57	0.07		0.250			3.19	
	471	193	4000	1.5	0.8	0.47	0.05		0.240			2.21	
	471	194	4000	1.5	0.52	0.24	0.04		0.120			2.76	
	472		1	29	59.86	24.78	6.70		209.2	7.03		260.5	17.8
	472		1	29	166.4	68.91	18.64		513.1	81.6		676.9	17.8
	472		1	29	117.6	48.69	13.17		464.7	78.9		495.6	17.8
	473	a	1	28	102.5	41.60	11.99		134.2	5.58		420.5	20.6

	473	a	1	28	54.8	22.25	6.412		69.5	3.50		233.6	20.6	
	473	a	1	28	47.84	19.42	5.597		75.1	4.05		200.2	20.6	
	473	a	1	28	66.62	27.05	7.795		94.2	5.90		289.7	20.6	
	473	a	1	28	59.38	24.11	6.947		88.1	3.42		227.5	20.6	
	473	a	1	28	53.64	21.78	6.276		69.2	3.74		223.9	20.6	
	473	b	1	29	69.02	27.47	8.006		95.9	2.17		278.5	20.5	
	473	b	1	29	104.5	41.60	12.13		140.1	4.26		428.0	20.5	
	473	b	1	29	116.2	46.26	13.48		161.0	5.01		461.4	20.5	
	473	b	1	29	94.77	37.72	10.99		123.9	3.82		386.2	20.5	
	473	b	1	29	53.88	21.44	6.250		85.0	2.35		222.2	20.5	
	474		1	29	10.23	4.194	1.258		29.6	0.91		56.6	17.6	
	474		1	29	11.51	4.719	1.416		34.4	1.18		59.9	17.6	
	475		1	30	11.34	4.604	1.315		17.6	1.17		54.0	20.5	
	475		1	30	11.39	4.624	1.321		16.7	0.89		54.4	20.5	
	475		1	30	17.45	7.085	2.024		23.4	2.11		81.5	20.5	
	475		1	30	7.73	3.138	0.897		11.6	0.70		38.5	20.5	
	475		1	30	7.23	2.935	0.839		8.18	0.36		33.6	20.5	
	475		1	30	4.635	1.882	0.538		9.07	0.41		23.6	20.5	
	476		1	30	1.78	0.644	0.201		8.24	0.49		8.6	14.9	
	476		1	30	1.35	0.489	0.153		6.89	0.34		6.7	14.9	
	476		1	30	1.06	0.384	0.120		7.24	0.38		5.3	14.9	
	476		1	30	1.635	0.592	0.185		8.47	0.46		8.0	14.9	
	476		1	30	2.215	0.802	0.250		11.07	0.55		10.7	14.9	
	476		1	30	1.22	0.442	0.138		6.93	0.32		5.95	14.9	
	477	a	1	28	1.305	0.556	0.140		6.97	0.22		6.74	14.9	
	477	a	1	28	1.135	0.484	0.121		6.50	0.4		5.69	14.9	
	477	a	1	28	1.29	0.550	0.138		7.17	0.29		6.56	14.9	
	477	a	1	28	1.05	0.447	0.112		4.69	0.11		5.58	14.9	
	477	a	1	28	1.59	0.677	0.170		8.13	0.22		7.95	14.9	
	477	a	1	28	1.09	0.464	0.117		6.94	0.42		5.52	14.9	
	477	b	1	28	8.04	3.385	0.900		29.92	0.93		39.2	16.7	
	477	b	1	28	3.83	1.612	0.429		15.22	0.52		20.4	16.7	
	477	b	1	28	5.14	2.164	0.576		23.54	0.54		25.7	16.7	
	478		1	29	69.63	27.02	5.779		143.5	2.59		235.6	28.6	
	478		1	29	61.27	23.77	5.085		113.1	1.09		195.0	28.6	
	478		1	29	63.52	24.65	5.272		134.2	2.69		203.9	28.6	
	478		1	29	33.07	12.83	2.745		86.37	2.12		102.4	28.6	
	478		1	29	35.33	13.71	2.932		88.54	1.93		112.4	28.6	
	479		1	28.5	9.27	4.087	0.871		35.71	0.46		33.10	17.9	
	479		1	28.5	8.42	3.713	0.791		34.38	0.32		29.33	17.9	
	479		1	28.5	9.53	4.203	0.896		34.26	0.39		33.83	17.9	
	479		1	28.5	8.96	3.950	0.842		36.35	0.39		30.44	17.9	
	479		1	28.5	10.28	4.532	0.966		39.29	0.59		34.75	17.9	
	479		1	28.5	8.58	3.784	0.807		36.98	0.54		29.8	17.9	
	480		1	29	12.52	4.772	1.53		37.72	1.65		60.8	18.4	
	480		1	29	18.26	6.957	2.23		69.19	1.48		88.6	18.4	
	481		1	26.2	41.92	18.65	5.24		143.5	7.04		128.0	14.5	
	481		1	26.2	67.53	30.05	8.44		312.5	9.47		222.6	14.5	
	481		1	26.2	27.86	12.40	3.48		115.2	5.78		58.6	14.5	
	481		1	26.5	27.58	12.27	3.45		145.4	11.0		109.3	14.5	
	482	a	1	26.2	58.14	25.81	7.09		199.6	2.46		186.2	16.2	

	482	a	1	26.2	87.12	38.68	10.63		273.4	4.68		266.2	16.2	
	482	a	1	26.2	34.18	15.18	4.17		164.5	6.54		90.8	16.2	
	482	a	1	26.2	31.94	14.18	3.90		126.3	2.56		124.8	16.2	
	482	a	1	26.2	71.53	31.76	8.73		228.6	2.71		260.1	16.2	
	482	a	1	26.2	50.49	22.42	6.16		204.8	11.0		165.5	16.2	
	482	b	1	28.5	47.66	20.92	5.62		217.1	6.6		168.9	15.7	
	482	b	1	28.5	63.65	27.94	7.51		232.8	3.34		244.6	15.7	
	482	b	1	28.5	71.05	31.19	8.38		305.1	8.35		262.5	15.7	
	483		1	29	30.18	12.10	3.86		98.1	4.34		122.4	16.4	
	483		1	29	44.16	17.71	5.65		133.3	7.77		185.8	16.4	
	483		1	29	37.37	14.99	4.78		134.9	5.91		152.3	16.4	
	483		1	29	29.55	11.85	3.78		93.0	4.96		121.6	16.4	
	484	a	1	29	31.54	12.90	3.44		79.1	2.85		133.9	19.0	
	484	a	1	29	47.37	19.37	5.16		108.1	9.45		203.4	19.0	
	484	a	1	29	36.7	15.01	4.00		79.7	4.68		155.0	19.0	
	484	a	1	29	33.96	13.89	3.70		75.9	5.44		138.4	19.0	
	484	a	1	29	33.7	13.78	3.67		82.9	2.91		136.0	19.0	
	484	a	1	29	27.05	11.06	2.95		70.9	4.1		115.9	19.0	
	484	a	1	29	30.12	12.32	3.28		70.4	3.46		126.8	19.0	
	484	a	1	29	38	15.54	4.14		94.1	4.38		167.2	19.0	
	484	a	1	29	41.85	17.12	4.56		124.8	7.57		176.2	19.0	
	484	b	1	30	30.53	12.98	3.36		74.8	1.37		123.8	20.3	
	484	b	1	30	31.61	13.43	3.48		98.5	5.37		139.7	20.3	
	484	b	1	30	35.57	15.12	3.91		110.7	5.29		143.9	20.3	
	484	b	1	30	24.06	10.23	2.65		71.4	1.85		100.7	20.3	
	484	b	1	30	28.78	12.23	3.17		77.1	1.63		118.1	20.3	
	484	b	1	30	26.67	11.33	2.93		82.5	1.44		111.3	20.3	
	485		1	29	82.96	34.43	9.21		201.4	6.86		323.9	18.7	
	485		1	29	75.84	31.47	8.42		259.3	37.2		317.4	18.7	
	485		1	29	64.94	26.95	7.21		212.3	28.4		284.1	18.7	
	485		1	29	60.24	25.00	6.69		173.5	21.6		260.6	18.7	
	485		1	29	64.35	26.71	7.14		155.5	12.2		280.7	18.7	
	485		1	29	68.39	28.38	7.59		169.2	9.18		285.6	18.7	
	486	a	1	29	39.72	17.00	4.49		123.1	2.04		182.2	16.2	
	486	a	1	29	50.16	21.47	5.67		153.5	4.69		240.8	16.2	
	486	a	1	29	47.89	20.50	5.41		142.3	7.77		230.6	16.2	
	486	b	1	30	54.19	22.65	6.23		139.5	4.33		266.8	17.1	
	486	b	1	30	70.83	29.61	8.15		205.4	9.08		338.2	17.1	
	486	b	1	30	28.4	11.87	3.27		134.8	13.9		152.3	17.1	
	486	b	1	30	52.91	22.12	6.08		132.7	3.14		250.8	17.1	
	486	b	1	30	43.19	18.05	4.97		141.3	6.97		215.7	17.1	
	486	b	1	30	46.47	19.42	5.34		144.9	2.90		223.2	17.1	
	486	b	1	30	70.08	29.29	8.06		176.2	5.36		336.5	17.1	
	486	b	1	30	87.09	36.40	10.02		266.8	17.1		408.0	17.1	
	486	b	1	30	66.67	27.87	7.67		232.1	27.6		318.9	17.1	
	486	b	1	30	72.74	30.41	8.366		253.9	19.8		346.4	17.1	
	487		1	29	19.74	8.016	2.508		91.3	6.28		86.6	15.6	
	487		1	29	23.88	9.695	3.033		89.8	6.18		103.7	15.6	
	487		1	29	11.53	4.681	1.464		61.3	2.93		50.9	15.6	
	488	a	1	28	7.05	3.046	0.839		31.2	4.54		31.3	15.3	
	488	a	1	28	6.83	2.951	0.813		31.4	0.96		30.8	15.3	

	488	a	1	28	6.55	2.830	0.779		28.0	1.06		29.8	15.3	
	488	a	1	28	6.9	2.981	0.821		35.0	8.20		31.2	15.3	
	488	a	1	28	5.52	2.385	0.657		21.9	0.83		24.8	15.3	
	488	a	1	28	6.38	2.756	0.759		24.2	1.42		27.5	15.3	
	488	a	1	28	5.93	2.562	0.706		24.2	2.36		26.7	15.3	
	488	a	1	28	4.39	1.894	0.522		13.0	0.62		19.3	15.3	
	488	a	1	28	5.72	2.469	0.680		25.7	2.95		26.4	15.3	
	488	a	1	28	4.40	1.899	0.523		21.9	1.04		20.3	15.3	
	488	a	1	28	6.44	2.666	0.741		29.3	1.32		28.0	16.2	
	488	a	1	28	21.3	8.818	2.450		45.8	2.35		45.7	16.2	
	488	a	1	28	7.12	2.948	0.819		33.0	1.40		32.3	16.2	
	488	a	1	28	6.08	2.414	0.626		32.3	1.57		27.2	16.2	
	488	a	1	28	11.73	4.657	1.208		42.9	3.43		52.0	16.2	
	488	a	1	28	6.57	2.608	0.677		25.4	2.01		29.7	16.2	
	488	b	1	28	14.23	5.649	1.466		20.7	1.97		32.8	16.2	
	488	b	1	28	12.6	5.002	1.298		50.3	3.60		52.2	16.2	
	488	b	1	28	5.31	2.108	0.547		21.3	1.63		23.8	16.2	
	488	b	1	28	6.49	2.577	0.668		24.9	2.27		32.4	16.2	
	489		1	28	93.77	36.95	10.60		168.9	10.9		379.0	24.1	
	489		1	28	73.56	28.98	8.31		123.4	6.04		286.0	24.1	
	489		1	28	89.36	35.21	10.10		142.8	10.2		354.0	24.1	
	489		1	28	104.2	41.04	11.77		195.7	15.1		417.0	24.1	
	489		1	28	97.42	38.38	11.01		160.7	8.94		383.0	24.1	
	489		1	28	66.7	26.28	7.537		131.1	7.35		268.0	24.1	
	490		1	30	5.48	2.252	0.625		16.6	0.29		22.3	17.6	
	490		1	30	5.26	2.164	0.600		19.0	0.34		21.4	17.6	
	490		1	30	5.34	2.195	0.609		16.2	0.42		22.2	17.6	
	490		1	30	9.38	3.855	1.069		21.6	0.39		38.0	17.6	
	490		1	30	5.46	2.244	0.622		18.2	0.37		22.3	17.6	
	490		1	30	4.5	1.850	0.513		14.6	0.45		18.9	17.6	
	491		1	28	3.56	1.524	0.413		9.37	0.35		17.11	11.9	
	491		1	28	3.855	1.650	0.447		9.28	0.58		19.15	11.9	
	491		1	28	3.865	1.654	0.448		9.05	0.49		18.94	11.9	
	491		1	28	4.54	1.943	0.527		10.29	0.65		21.66	11.9	
	491		1	28	4.355	1.864	0.505		9.92	0.46		20.89	11.9	
	491		1	28	3.485	1.492	0.404		8.74	0.41		17.63	11.9	
	492		1	24.8	16.06	6.713	1.815		39.5	1.96			13.8	
	492		1	24.8	14.97	6.257	1.692		71.3	3.13			13.8	
	492		1	24.9	14.77	6.174	1.669		51.6	1.32			13.8	
	493		1	29	24.19	9.845	2.298		46.2	0.69		90.6	22.1	
	493		1	29	24.92	10.14	2.367		63.8	0.72		93.2	22.1	
	493		1	29	20.78	8.457	1.974		69.6	1.26		80.0	22.1	
	493		1	29	27.29	11.11	2.593		106.7	1.22		97.7	22.1	
	494		1	29	71.81	28.80	9.048		105.3	5.04		315.6	16.6	
	494		1	30	193.2	77.46	24.34		716.5	54.0		814.6	16.6	
	495		1	29	126.5	53.53	15.94		719.8	10.1		666.6	14.0	
	495		1	29	141.0	59.63	17.76		874.3	18.0		731.4	14.0	
	495		1	29	158.7	67.14	20.00		1048	26.5		803.2	14.0	
	496		1	29	345.6	138.2	43.20		1196	70.1		1571.0	21.1	
	496		1	29	468.7	187.5	58.59		1064	74.9		2118.0	21.1	
	496		1	29	337.1	134.8	42.14		1527	53.4		1542.0	21.1	

	496		1	29	428.0	171.2	53.49		1398	58.5		1913.2	21.1
	497		1	29	66.62	26.78	7.53		205.1	10.2		323.4	20.4
	497		1	29	79.8	32.08	9.02		190.7	19.2		353.7	20.4
	497		1	29	70.94	28.52	8.02		227.8	12.7		344.3	20.4
	497		1	29	87.91	35.34	9.93		215.9	10.9		374.8	20.4
	497		1	29	103.5	41.62	11.70		231.8	14.0		434.9	20.4
	497		1	29	58.19	23.39	6.58		146.9	16.6		281.4	20.4
	498		1	29	25.11	10.67	3.06		85.3	3.33		126.8	16.5
	498		1	29	23.9	10.16	2.92		64.5	2.19		120.0	16.5
	498		1	29	18.09	7.69	2.21		71.2	3.60		92.2	16.5
	498		1	29	22.8	9.69	2.78		90.2	6.50		115.2	16.5
	498		1	30	42.83	18.20	5.23		147.4	14.2		204.9	16.5
	498		1	30	19.12	8.13	2.33		91.6	8.74		95.50	16.5
	499		1	28	4.97	2.06	0.57		16.2	0.25		24.31	13.6
	499		1	28	5.475	2.27	0.63		19.1	0.60		27.03	13.6
	499		1	28	6.28	2.60	0.72		27.3	1.24		32.20	13.6
	499		1	28	6.95	2.88	0.80		22.2	0.51		34.02	13.6
	499		1	28	5.75	2.38	0.66		21.1	0.51		29.30	13.6
	499		1	28	5.19	2.15	0.60		18.0	0.46		26.39	13.6
	500		1	29	81.78	32.14	9.24		247.0	19.2		326.5	20.2
	500		1	29	76.86	30.21	8.69		219.1	10.8		294.6	20.2
	500		1	29	58.38	22.94	6.60		177.1	6.30		231.3	20.2
	500		1	29	73.34	28.82	8.29		262.5	20.2		297.8	20.2
	500		1	29	85.57	33.63	9.67		281.0	21.6		334.6	20.2
	500		1	29	51.32	20.17	5.80		187.6	12.2		221.4	20.2
	501	a	1	25.2	15.42	5.23	1.43		34.6	2.99			30.1
	501	a	1	25.2	17.07	5.79	1.59		34.6	2.76			30.1
	501	a	1	25.2	18.86	6.39	1.75		42.1	3.62			30.1
	501	a	1	25.2	18.56	6.29	1.73		31.8	2.32			30.1
	501	a	1	25.2	18.13	6.15	1.69		38.6	3.26			30.1
	501	a	1	25.2	11.84	4.01	1.10		18.9	1.02			30.1
	501	b	1	24.8	6.29	2.35	0.73		8.64	0.34			28.6
	501	b	1	24.8	18.54	6.93	2.15		48.4	3.52			28.6
	501	b	1	24.8	11.75	4.39	1.36		21.1	1.58			28.6
	501	b	1	24.8	8.41	3.15	0.98		12.6	0.80			28.6
	501	c	1	24.9	13.78	4.92	1.31		42.1	1.74			26.4
	501	c	1	24.9	13.81	4.93	1.31		34.2	1.25			26.4
	501	c	1	24.9	14.29	5.10	1.36		26.4	1.25			26.4
	501	c	1	24.9	16.36	5.84	1.55		22.5	1.08			26.4
	501	c	1	24.9	13.39	4.78	1.27		35.2	0.93			26.4
	502		1	28	1.73	0.70	0.19		3.90	0.087		7.57	21.2
	502		1	28	2.11	0.85	0.23		4.43	0.040		8.45	21.2
	502		1	28	1.66	0.67	0.18		4.13	0.055		6.72	21.2
	502		1	28	1.74	0.70	0.19		5.78	0.084		7.33	21.2
	502		1	28	1.56	0.63	0.17		4.79	0.077		6.23	21.2
	502		1	28	1.55	0.63	0.17		4.63	0.047		6.78	21.2
	503		1	30	24.29	10.30	2.94		86.1	2.44		99.9	13.3
	503		1	30	19.34	8.20	2.34		79.1	2.76		80.9	13.3
	503		1	30	24.40	10.34	2.95		90.7	3.49		100.2	13.3
	503		1	30	23.04	9.77	2.79		86.0	1.70		93.4	13.3
	503		1	30	34.51	14.63	4.18		117.6	2.87		147.0	13.3

	503		1	30	33.72	14.30	4.08		113.4	2.68		145.3	13.3	
	503		1	30	30.78	13.05	3.72		137.9	4.56		121.1	13.3	
	503		1	30	23.44	9.94	2.84		86.1	2.08		97.3	13.3	
	504		1	27.5	17.36	6.96	1.89		50.4	5.59		60.2	16.2	
	504		1	27.5	34.08	13.67	3.71		72.4	7.48		132.8	16.2	
	504		1	27.5	19.18	7.69	2.09		52.7	3.25		73.0	16.2	
	505		1	25	0.750	0.272	0.083		2.42	0.072			26.4	
	505		1	25	0.749	0.272	0.083		2.78	0.103			26.4	
	505		1	25	0.806	0.292	0.089		3.17	0.101			26.4	
	505		1	25	0.722	0.262	0.080		2.08	0.044			26.4	
	505		1	25	0.770	0.279	0.085		2.21	0.089			26.4	
	505		1	25	0.876	0.318	0.097		2.09	0.078			26.4	
	506		1	28.5	0.938	0.282	0.070		1.80	0.021		2.21	39.6	
	506		1	28.5	1.02	0.31	0.08		2.64	0.032		2.64	39.6	
	506		1	28.5	0.89	0.27	0.07		2.50	0.038		2.42	39.6	
	506		1	28.5	0.874	0.262	0.066		2.24	0.031		1.93	39.6	
	506		1	28.5	0.826	0.248	0.062		1.35	0.026		1.90	39.6	
	506		1	28.5	0.895	0.269	0.067		2.24	0.016		2.50	39.6	
	507		1	27.5	13.98	3.56	0.87		26.6	2.44		94.34	43.0	
	508		1	28.5	3.87	1.70	0.42		16.2	1.57		12.12	14.2	
	508		1	28.5	4.80	2.10	0.52		16.2	1.14		18.22	14.2	
	508		1	28.5	3.89	1.70	0.42		17.6	1.11		13.73	14.2	
	508		1	28.5	3.77	1.65	0.41		14.7	0.65		11.63	14.2	
	508		1	28.5	4.22	1.85	0.46		17.8	1.09		14.80	14.2	
	508		1	28.5	3.98	1.74	0.43		16.6	1.13		11.83	14.2	
	509		1	26.1	9.41	4.02	1.20		26.0	0.90		38.20	13.7	
	509		1	26.1	12.81	5.47	1.63		33.8	0.76		49.40	13.7	
	509		1	26.1	10.37	4.43	1.32		24.9	1.30		41.80	13.7	
	509		1	26.1	18.93	8.08	2.40		45.8	2.88		76.00	13.7	
	509		1	26.1	10.68	4.56	1.36		30.2	1.58		43.30	13.7	
	509		1	26.1	14.31	6.11	1.82		33.1	1.63		54.10	13.7	
	510		1	27.5	4.35	1.74	0.47		8.58	1.07		10.96		
	510		1	28.2	4.17	1.75	0.48		14.3	1.01		11.89	16.1	
	510		1	28.2	2.65	1.11	0.30		10.7	0.50		6.06	16.1	
	510		1	28.2	3.16	1.33	0.36		11.8	0.65		8.67	16.1	
	510		1	28.2	2.93	1.23	0.33		11.7	0.56		8.80	16.1	
	510		1	28.2	2.70	1.13	0.31		11.7	0.61		6.98	16.1	
	510		1	28.2	3.08	1.29	0.35		11.9	0.47		8.84	16.1	
	511		1	28.1	1.41	0.58	0.16		4.72	0.57			13.1	
	511		1	28.1	1.21	0.49	0.14		4.76	1.28			13.1	
	511		1	28.1	3.02	1.24	0.34		8.67	1.83			13.1	
	511		1	28.1	1.79	0.73	0.20		5.70	0.71		7.40	13.1	
	511		1	28.1	1.28	0.52	0.15		4.49	0.40		3.46	13.1	
	511		1	28.1	2.84	1.16	0.32		7.67	1.15		11.57	13.1	
	511		1	28.1	1.45	0.59	0.17		5.55	0.52		6.00	13.1	
	511		1	28.1	1.34	0.55	0.15		5.25	0.36		4.86	13.1	
	511		1	28.1	2.27	0.93	0.26		6.46	0.69		9.08	13.1	
	511		1	28.1	1.60	0.65	0.18		5.57	0.43		6.44	13.1	
	512	a	1	30.3	14.90	6.38	1.49		31.2	0.94		54.00	14.5	
	512	a(moulted)	1	30.3	17.1	7.32	1.71		81.0	3.22		103.9		
	512	a(moulted)	1	30.3	19.69	8.43	1.97		86.9	3.63		95.9		

	512	b	1	27.5	26.68	12.03	2.56		34.8	2.89		58.52	14.7	
	512	b	1	27.5	23.13	10.43	2.22		30.2	3.12		63.54	14.7	
	512	b	1	27.5	11.22	5.06	1.08		16.6	2.03		28.90	14.7	
	512	b	1	27.5	28.93	13.05	2.78		42.0	2.68		85.40	14.7	
	512	b	1	27.5	14.83	6.69	1.42		19.2	0.83		34.17	14.7	
	512	b	1	27.5	14.93	6.73	1.43		18.8	1.62		23.32	14.7	
	513		1	25	0.164	0.058	0.017		1.55	0.120				
	513		1	25	0.166	0.059	0.017		1.46	0.085				
	513		1	25	0.133	0.047	0.014		1.51	0.093				
	513		1	25	0.165	0.058	0.017		2.42	0.349				
	514		1	25.6	0.230	0.098	0.027		1.24	0.069				
	514		1	25.6	0.247	0.105	0.029		1.35	0.086				
	514		1	25.6	0.180	0.077	0.021		0.96	0.063				
	514		1	25.6	0.228	0.097	0.026		1.03	0.088				
	515		1	23	0.0076	0.0034	0.0008		0.0353	0.00197				
	515		1	23	0.0068	0.0031	0.0007		0.0281	0.00174				
	515		1	23	0.0075	0.0034	0.0008		0.0257	0.00191				
	515		1	23	0.0074	0.0033	0.0008		0.0368	0.00181				
	515		1	23	0.0064	0.0029	0.0007		0.0410	0.00192				
	515		1	23	0.0077	0.0034	0.0008		0.0347	0.00197				
	516		1	25	0.0080	0.0029	0.0006		0.0461	0.00287				
	516		1	25	0.0055	0.0020	0.0004		0.0440	0.00325				
	516		1	25	0.0060	0.0022	0.0005		0.0368	0.00270				
	517		1	24	0.00117	0.00038	0.00010		0.0046	0.00056				
	517		1	24	0.00117	0.00038	0.00010		0.0055	0.00046				
	517		1	24	0.00117	0.00038	0.00010		0.0043	0.00042				
	517		1	24	0.00117	0.00038	0.00010		0.0040	0.00059				
	517		1	24	0.00117	0.00038	0.00010		0.0046	0.00039				
	517		1	24	0.00117	0.00038	0.00010		0.0061	0.00065				
	518		1	30	19.24	3.463	0.462		7.59	0.014		38.45	58.8	
	518		1	30	19.76	3.557	0.474		5.80	0.025		41.25	58.8	
	518		1	30	19.94	3.589	0.479		4.51	0.012		39.30	58.8	
	518		1	30	18.46	3.323	0.443		6.69	0.054		39.25	58.8	
	518		1	30	20.46	3.683	0.491		4.88	0.018		40.45	58.8	
	518		1	30	19.83	3.569	0.476		6.50	0.055		42.35	58.8	
	519	a	1	27.5	10.98	4.710	0.933		7.54	0.075		20.37		
	519	b	1	28.6	15.94	6.344	1.403		9.29	0.374		61.32	15.7	
	519	b	1	28.6	18.54	7.379	1.632		12.96	1.015		72.03	15.7	
	519	b	1	28.6	5.42	2.157	0.477		6.73	0.416		20.66	15.7	
	519	b	1	28.6	52.31	20.82	4.60		29.26	0.409		221.77	14.8	
	520		1	24	0.056	0.022	0.007		0.223	0.019		0.43		
	520		1	24	0.063	0.024	0.008		0.203	0.017		0.84		
	520		1	24	0.122	0.047	0.015		0.314	0.046		0.74		
	520		1	24	0.066	0.025	0.008		0.162	0.026		0.34		
	520		1	24	0.058	0.022	0.007		0.310	0.035		0.43		
	520		1	24	0.098	0.038	0.012		0.230	0.036		0.49		
	520		1	24	0.090	0.035	0.011		0.397	0.038		0.47		
	520		1	24	0.104	0.040	0.013		0.308	0.043		0.53		
	520		1	24	0.081	0.031	0.010		0.246	0.054		0.54		
	520		1	24	0.098	0.038	0.012		0.389	0.060		0.52		
	521		1	23	0.405	0.127	0.036		0.497	0.057		5.99		

	521		1	23	0.249	0.078	0.022		0.213	0.049			3.16	
	521		1	23	0.196	0.061	0.017		0.324	0.048			1.85	
	521		1	23	0.264	0.083	0.023		0.297	0.045			2.96	
	521		1	23	0.245	0.077	0.022		0.240	0.043			2.96	
	521		1	23	0.190	0.059	0.017		0.232	0.083			2.07	
	521		1	23	0.114	0.036	0.010		0.224	0.045			1.04	
	521		1	23	0.256	0.080	0.023		0.418	0.048			2.92	
	521		1	23	0.158	0.049	0.014		0.221	0.036			1.71	
	521		1	23	0.168	0.053	0.015		0.308	0.044			1.95	
	522		1	25	0.272	0.085	0.024		1.042	0.088			1.54	
	522		1	25	0.494	0.155	0.044		1.334	0.138			2.76	
	522		1	25	0.202	0.063	0.018		0.170	0.015			3.23	
	522		1	25	0.329	0.103	0.029		0.839	0.051			3.77	
	522		1	25	0.149	0.047	0.013		0.544	0.038			1.25	
	523	a	1	30	23.39	11.04	2.67		101.1	9.46			107.2	
	523	a	1	30	16.92	7.99	1.93		69.9	5.07			79.2	
	523	a	1	30	20.97	9.90	2.39		98.6	10.1			100.8	
	523	a	1	30	17.98	8.49	2.05		70.3	6.65			85.3	
	523	b	1	30	33.28	15.71	3.79		157.9	31.0			146.2	
	523	b	1	30	47.94	22.63	5.47		227.8	35.8			205.7	
	523	b	1	30	31.66	14.94	3.61		136.2	21.8			138.3	
	523	b	1	30	20.58	9.71	2.35		84.6	7.44			100.5	