Supplementary Table 2 COVID-19 tests according to characteristics and location of facilities (Multiple Selection)

PMCC University hospital Special warning areaa

Total General Regional Others University Others Special warning Others

n % n % n % n % p-valueb n % n % p-valueb n % n % p-valueb

Vaginally delivery

Antibody test 1 0.3 0 0.0 0 0.0 1 0.9 1 1.2 0 0.0 1 0.5 0 0.0

No testing 266 90.5 69 89.6 89 89.0 108 92.3 65 80.2 201 94.4 164 87.7 102 95.3

PCR by women 7 2.4 1 1.3 5 5.0 1 0.9 0.372 4 4.9 3 1.4 0.001 6 3.2 1 0.9 0.175

PCR by hospital 20 6.8 7 9.1 6 6.0 7 6.0 11 13.6 9 4.2 16 8.6 4 3.7

Planned cesarean section

Antibody test 1 0.3 0 0.0 0 0.0 1 0.9 1 1.2 0 0.0 1 0.5 0 0.0

No testing 253 86.1 67 87.0 80 80.0 106 90.6 64 79.0 189 88.7 157 84.0 96 89.7

PCR by women 10 3.4 1 1.3 6 6.0 3 2.6 0.128 4 4.9 6 2.8 0.072 9 4.8 1 0.9 0.248

PCR by hospital 30 10.2 9 11.7 14 14.0 7 6.0 12 14.8 18 8.5 20 10.7 10 9.3

Emergency cesarean section

Antigen test 1 0.3 1 1.3 0 0.0 0 0.0 0 0.0 1 0.5 1 0.5 0 0.0

Antibody test 1 0.3 0 0.0 0 0.0 1 0.9 1 1.2 0 0.0 1 0.5 0 0.0

No testing 244 83.0 66 85.7 74 74.0 104 88.9 0.015 61 75.3 183 85.9 0.064 153 81.8 91 85.0 0.924

PCR by women 13 4.4 1 1.3 9 9.0 3 2.6 4 4.9 9 4.2 8 4.3 5 4.7

PCR by hospital 35 11.9 9 11.7 17 17.0 9 7.7 15 18.5 20 9.4 24 12.8 11 10.3

Surgical patients (non-obstetric)

Antigen test 2 0.7 0 0.0 0 0.0 2 1.7 0 0.0 2 0.9 2 1.1 0 0.0

No testing 247 84.0 68 88.3 76 76.0 103 88.0 63 77.8 184 86.4 153 81.8 94 87.9

PCR by patient 10 3.4 1 1.3 6 6.0 3 2.6 0.057 3 3.7 7 3.3 0.160 6 3.2 4 3.7 0.437

PCR by hospital 35 11.9 8 10.4 18 18.0 9 7.7 15 18.5 20 9.4 26 13.9 9 8.4

a: Tokyo, Osaka, Hokkaido, Ibaraki, Saitama, Chiba, Kanagawa, Ishikawa, Gifu, Aichi, Kyoto, Hyogo, Fukuoka; b: Chi-square test; PCR: polymerase chain reaction; PMCC: Perinatal Maternal and Child Care Center;