Table 1. Correlation coefficients between explanatory variables and tolerance values used for the analysis.

	J_{den}	J_{air}	J_{cool}	*Tolerance*
J_{den}	1	0.39	0.39	0.82
J_{air}		1	0.66	0.54
J_{cool}			1	0.54

Table 2. Multiple correlation coefficient (R), number of parameters (k), maximized log-likelihood (L_M), Akaike Information Criterion (AIC), standard partial regression coefficients (a_i' (i = 0 to 3)) and partial regression coefficients (a_i (i = 0 to 3)) from seven models used in this study. The standard partial regression coefficients were calculated using partial regression coefficients from each standardized dataset.

For estimating standard partial regression coefficients								
Model	a_0'	a_1'(J_{den})	a_2'(J_{air})	a_3' (J_{cool})	***R***	***k***	L_M	***AIC***
Model1	0.00	−0.51	−0.27	—	0.66	4	−50.4	108.7
Model2	0.00	−0.52	0.07	−0.31	0.66	5	−50.3	110.5
Model3	0.00	−0.61	—	—	0.61	3	−52.7	111.4
Model4	0.00	0.62	—	−0.12	0.62	4	−52.3	112.5
Model5	0.00	—	−0.47	—	0.47	3	−57.8	121.6
Model6	0.00	—	−0.43	−0.05	0.47	4	−57.8	123.5
Model7	0.00	—	—	−0.34	0.35	3	−60.6	127.2
For estimating partial regression coefficients								
Model	a_0	a_1 (J_{den})	a_2 (J_{air})	a_3 (J_{cool})	***R***	***k***	L_M	***AIC***
Model1	−0.34	−1.09	−2.38	—	0.66	4	−46.4	247.2
Model2	−0.71	−1.11	−2.73	0.20	0.66	5	−46.4	249.0
Model3	−0.67	−1.31	—	—	0.61	3	−49.1	249.8
Model4	0.10	−1.21	—	−0.36	0.62	4	−48.4	250.9
Model5	4.64	—	−4.12	—	0.47	3	−53.5	260.0
Model6	4.86	—	−3.81	−0.16	0.47	4	−53.4	261.9
Model7	6.78	—	—	−1.02	0.35	3	−56.4	265.6