Supplementary Materials

S1

Table S1. Summer season measurement results according to the facades of the classrooms

Class Information /Average Parameters	Air Temperature (°C)	Radiant Temperature (°C)	Tg (°C)	Tw (°C)	Humidity (%)	V (m/s)	Metabolic rate(met)	Coefficient of clothing (clo)
15 Temmuz Şehitleri School (east facade) (air conditioning activated)	29.05	28.89	29.00	18.10	33.64	0.44	1.0	0.6
15 Temmuz Şehitleri School (east front) (without air conditioning)	32.84	32.95	32.90	23.10	45.55	0.17	1.0	0.6
15 Temmuz Şehitleri School (north facade) (air conditioning activated)	28.54	28.18	28.4	17.20	36.04	0.42	1.0	0.6
15 Temmuz Şehitleri School (north facade) (without air conditioning)	32.46	32.12	32.30	23.20	45.93	0.2	1.0	0.6
Kadir Evliyaoğlu College (north facade) (air conditioning activated)	25.43	24.41	25.10	16.3	38.11	0.33	1.0	0.68
Kadir Evliyaoğlu College (north facade) (without air conditioning)	31.49	31.36	31.40	21.50	42.31	0.13	1.0	0.68
Kadir Evliyaoğlu College (south facade) (air conditioning activated)	27.17	27.09	27.1	16.8	34.4	0.33	1.0	0.68
Kadir Evliyaoğlu College (south facade) (without air conditioning)	32.17	32.05	32.1	22.3	42.71	0.17	1.0	0.68
TOBB Science High School (north facade) (air conditioning activated)	27.13	27.41	27.00	17.10	37.20	0.53	1.0	0.54
TOBB Science High School (north facade) (without air conditioning)	32.43	32.51	32.60	23.00	45.50	0.17	1.0	0.54
TOBB Science High School (south facade) (air conditioning activated)	28.00	30.62	28.8	17.40	32.30	0.53	1.0	0.54
TOBB Science High School (south facade) (without air conditioning)	33.07	32.23	33.10	23.30	45.73	0.13	1.0	0.54
TOBB Science High School (east+south+West facade) (air conditioning active)	29.70	30.08	30.00	18.00	30.00	0.4	1.0	0.54
TOBB Science High School (east+south+west facade) (without air conditioning)	33.45	35.00	34.42	21.30	33.10	0.2	1.0	0.54

S2

Table S2. Winter season measurement results according to the facades of the classrooms

Class Information /Average Parameters	Air Temperature (°C)	Radiant Temperature (°C)	Tg (°C)	Tw (°C)	Humidity (%)	V (m/sn)	Metabolic rate(met)	Coefficient of clothing (clo)
15 Temmuz Şehitleri School (east facade) (first measurement)	23.24	23.1	23	14.3	38.20	0.16	1.0	0.94
15 Temmuz Şehitleri School (east front) (last measurement)	27.35	27.44	28.8	17.4	46.55	0.13	1.0	0.94
15 Temmuz Şehitleri School (north facade) (first measurement)	21.72	21.66	21.70	15.60	42.38	0.13	1.0	0.94
15 Temmuz Şehitleri School (north facade) (last measurement)	25.25	25.00	25.50	18.80	52.48	0.15	1.0	0.94
Kadir Evliyaoğlu College (north facade) (first measurement)	22.07	22.43	22.30	13.50	37.03	0.13	1.0	1.02
Kadir Evliyaoğlu College (north facade) (last measurement)	25.43	24.60	25.00	17.00	45.47	0.1	1.0	1.02
Kadir Evliyaoğlu College (south facade) (first measurement)	24.46	26.01	25.3	15.00	32.68	0.13	1.0	1.02
Kadir Evliyaoğlu College (south facade) (last measurement)	28.37	28.07	28.20	19.50	43.07	0.1	1.0	1.02
TOBB Science High School (north facade) (first measurement)	21.43	21.01	21.20	13.00	38.13	0.2	1.0	0.90
TOBB Science High School (north facade) (last measurement)	25.13	24.29	24.70	16.70	45.70	0.1	1.0	0.90
TOBB Science High School (south facade) (first measurement)	23.99	24.57	24.10	14.40	31.94	0.2	1.0	0.90
TOBB Science High School (south facade) (last measurement)	27.85	28.11	28.00	19.40	44.50	0.15	1.0	0.90
TOBB Science High School (east+south+West facade) (first measurement)	24.80	25.86	25.30	14.00	28.80	0.14	1.0	0.90
TOBB Science High School (east+south+west facade) (last measurement)	28.60	29.64	28.80	18.30	37.30	0.1	1.0	0.90