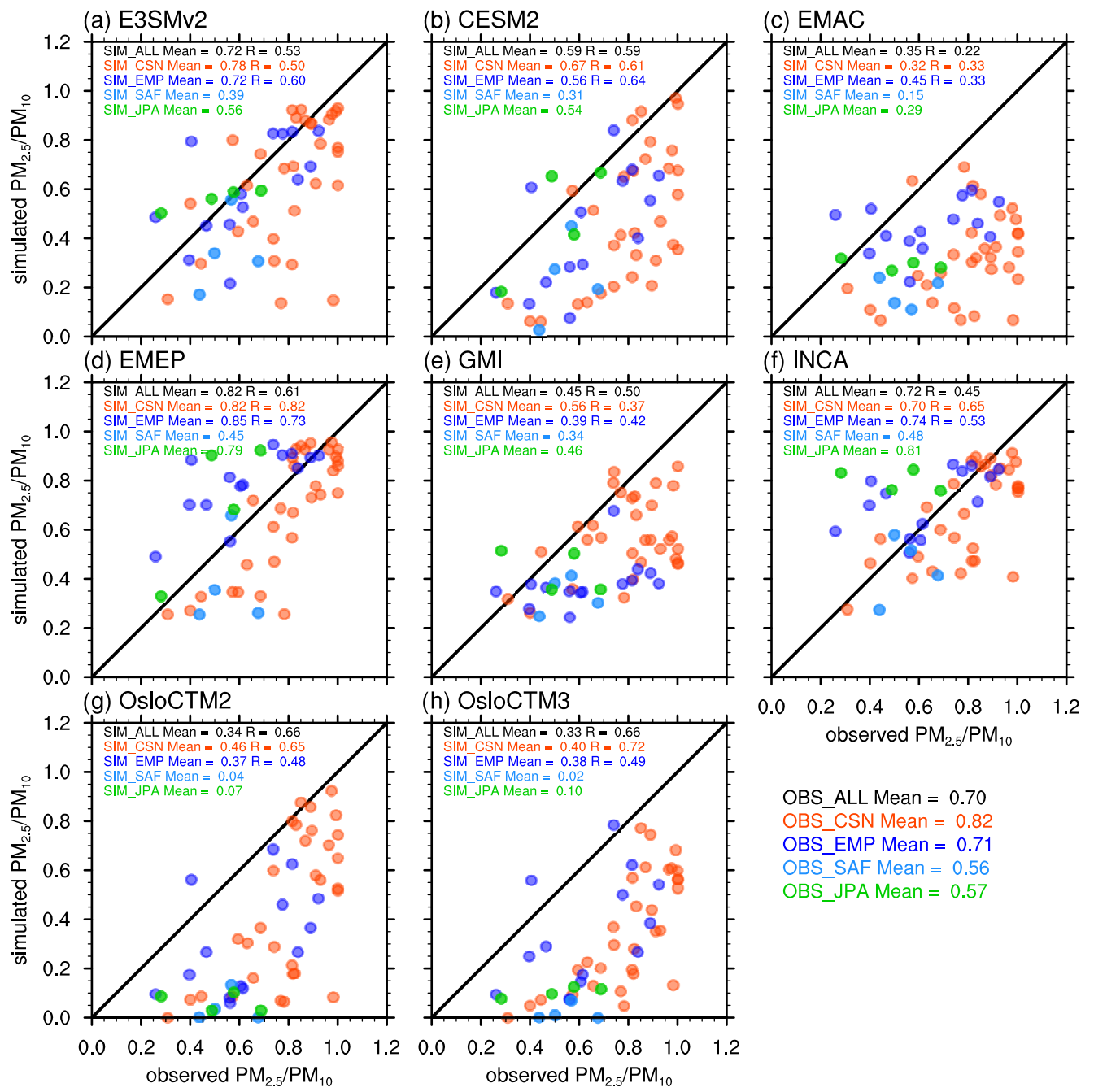
(a) E3SMv2
SIM_ALL Mean = 0.72 R = 0.53
SIM_CSN Mean = 0.78 R = 0.50
SIM_EMP Mean = 0.72 R = 0.60
SIM_SAF Mean = 0.39
SIM_JPA Mean = 0.56
(b) CESM2
SIM_ALL Mean = 0.59 R = 0.59
SIM_CSN Mean = 0.67 R = 0.61
SIM_EMP Mean = 0.56 R = 0.64
SIM_SAF Mean = 0.31
SIM_JPA Mean = 0.54
(c) EMAC
SIM_ALL Mean = 0.35 R = 0.22
SIM_CSN Mean = 0.32 R = 0.33
SIM_EMP Mean = 0.45 R = 0.33
SIM_SAF Mean = 0.15
SIM_JPA Mean = 0.29
(d) EMEP
SIM_ALL Mean = 0.82 R = 0.61
SIM_CSN Mean = 0.82 R = 0.82
SIM_EMP Mean = 0.85 R = 0.73
SIM_SAF Mean = 0.45
SIM_JPA Mean = 0.79
(e) GMI
SIM_ALL Mean = 0.45 R = 0.50
SIM_CSN Mean = 0.56 R = 0.37
SIM_EMP Mean = 0.39 R = 0.42
SIM_SAF Mean = 0.34
SIM_JPA Mean = 0.46
(f) INCA
SIM_ALL Mean = 0.72 R = 0.45
SIM_CSN Mean = 0.70 R = 0.65
SIM_EMP Mean = 0.74 R = 0.53
SIM_SAF Mean = 0.48
SIM_JPA Mean = 0.81
(g) OsloCTM2
SIM_ALL Mean = 0.34 R = 0.66
SIM_CSN Mean = 0.46 R = 0.65
SIM_EMP Mean = 0.37 R = 0.48
SIM_SAF Mean = 0.04
SIM_JPA Mean = 0.07
(h) OsloCTM3
SIM_ALL Mean = 0.33 R = 0.66
SIM_CSN Mean = 0.40 R = 0.72
SIM_EMP Mean = 0.38 R = 0.49
SIM_SAF Mean = 0.02
SIM_JPA Mean = 0.10
OBS_ALL Mean = 0.70
OBS_CSN Mean = 0.82
OBS_EMP Mean = 0.71
OBS_SAF Mean = 0.56
OBS_JPA Mean = 0.57
simulated PM2.5/PM10
observed PM2.5/PM10
0.0
0.2
0.4
0.6
0.8
1.0
1.2