Prediction of T_{opt} Across Model Setups

No Acclimation

Intercept: -54.94 $[-83.24, -26.64]$
Slope: 3.4 $[2.2, 4.6]$
R^2: 0.45
Bias: 1.52
RMSE: 4.83

Full Acclimation

Intercept: -0.3 $[-5.23, 4.63]$
Slope: 1.04 $[0.84, 1.23]$
R^2: 0.74
Bias: 0.6
RMSE: 3.3

PC

Intercept: -32.12 $[-47.95, -16.29]$
Slope: 2.42 $[1.75, 3.09]$
R^2: 0.58
Bias: 1.43
RMSE: 4.24

SS

Intercept: -40.08 $[-53.69, -26.48]$
Slope: 2.85 $[2.26, 3.45]$
R^2: 0.71
Bias: 2.22
RMSE: 3.53

ER

Intercept: -17.53 $[-25.93, -9.12]$
Slope: 1.7 $[1.36, 2.03]$
R^2: 0.73
Bias: -0.05
RMSE: 3.38

PC + ER

Intercept: -9.98 $[-16.77, -3.18]$
Slope: 1.39 $[1.12, 1.65]$
R^2: 0.74
Bias: -0.18
RMSE: 3.33

PC + SS

Intercept: -19.74 $[-30.21, -9.27]$
Slope: 1.94 $[1.49, 2.39]$
R^2: 0.66
Bias: 1.99
RMSE: 3.81

ER + SS

Intercept: -3.81 $[-9.22, 1.6]$
Slope: 1.19 $[0.97, 1.41]$
R^2: 0.76
Bias: 0.88
RMSE: 3.23

Observed T_{opt} [°C]

Modelled T_{opt} [°C]
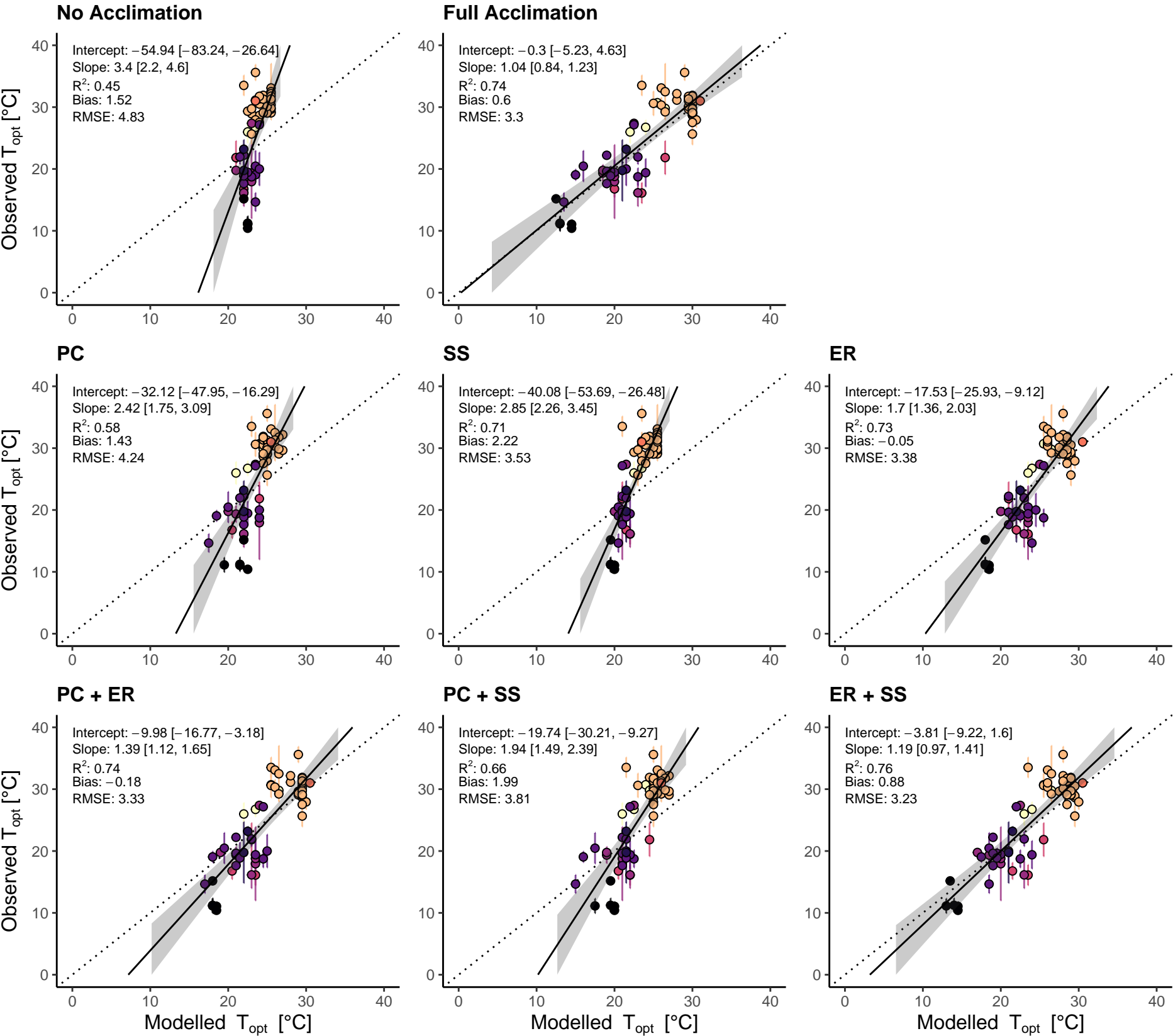
Köppen–Geiger Climate Zone

ET   Dfc   Dfb   Cfb   Cfa   Aw   Am   Af