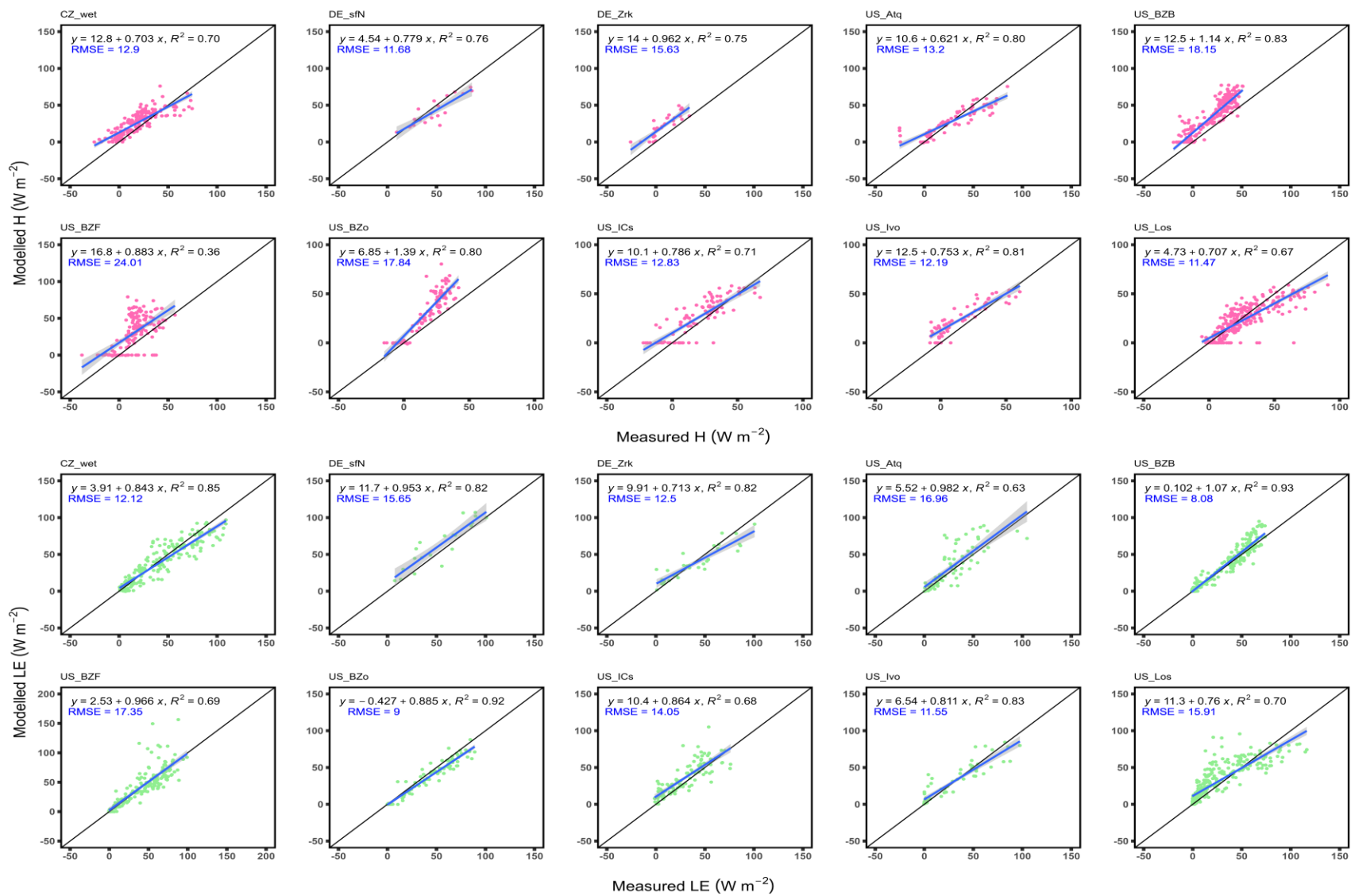
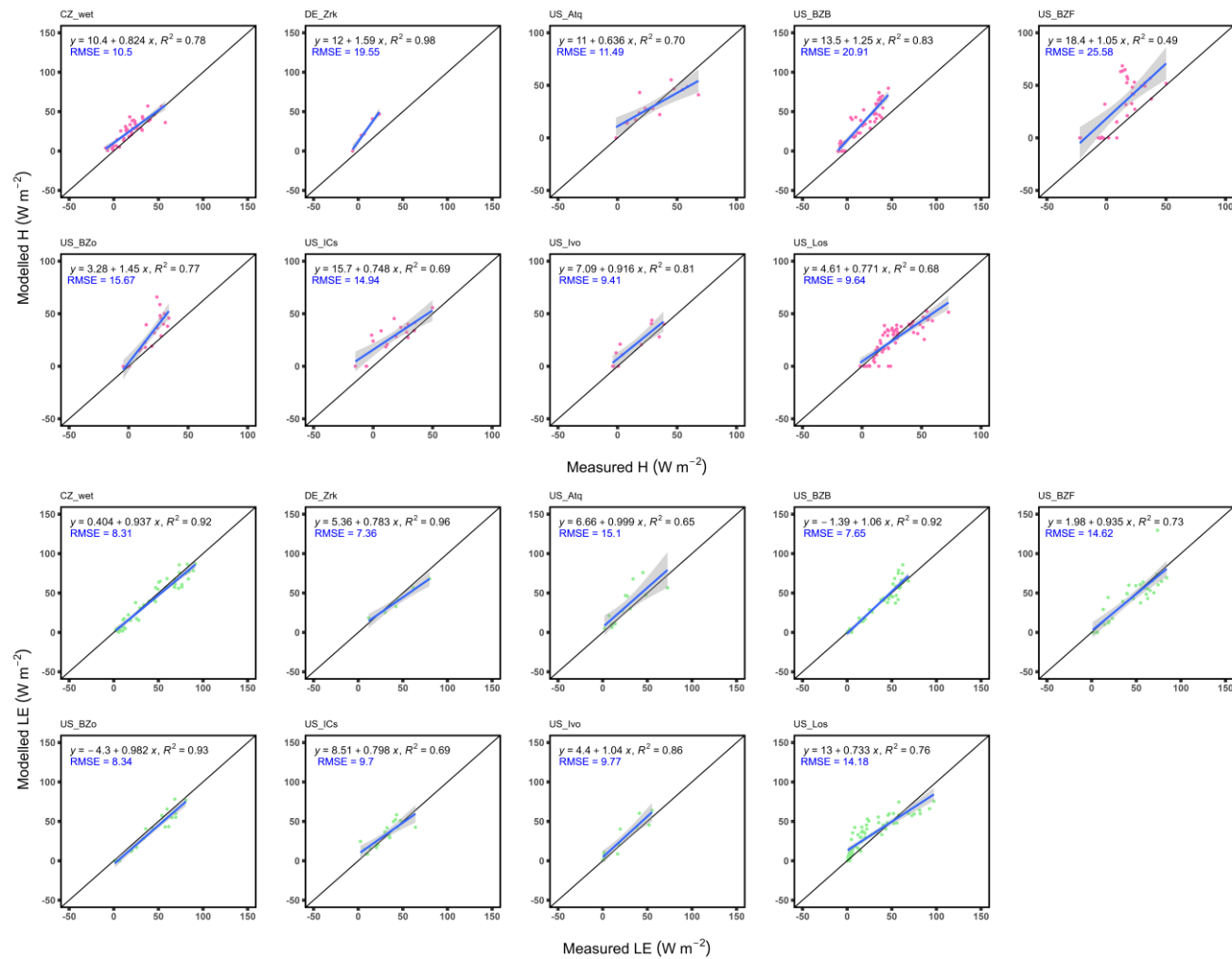


**Figure S1. Half-hourly estimates of  $H$  versus measured  $H$ . without energy balance closure correction at the half-hourly scale at the study sites. Blue lines represent the fitted linear regressions. Black lines represent 1:1 lines.**



**Figure S2. Modelled H and LE and measured H and LE without energy balance closure correction at the weekly scale. Blue lines represent the fitted linear regressions. Black lines represent 1:1 lines.**



**Figure S3. Modelled H and LE versus measured H and LE without energy balance closure correction at the monthly scale. Blue lines represent the fitted linear regressions. Black lines represent 1:1 lines.**