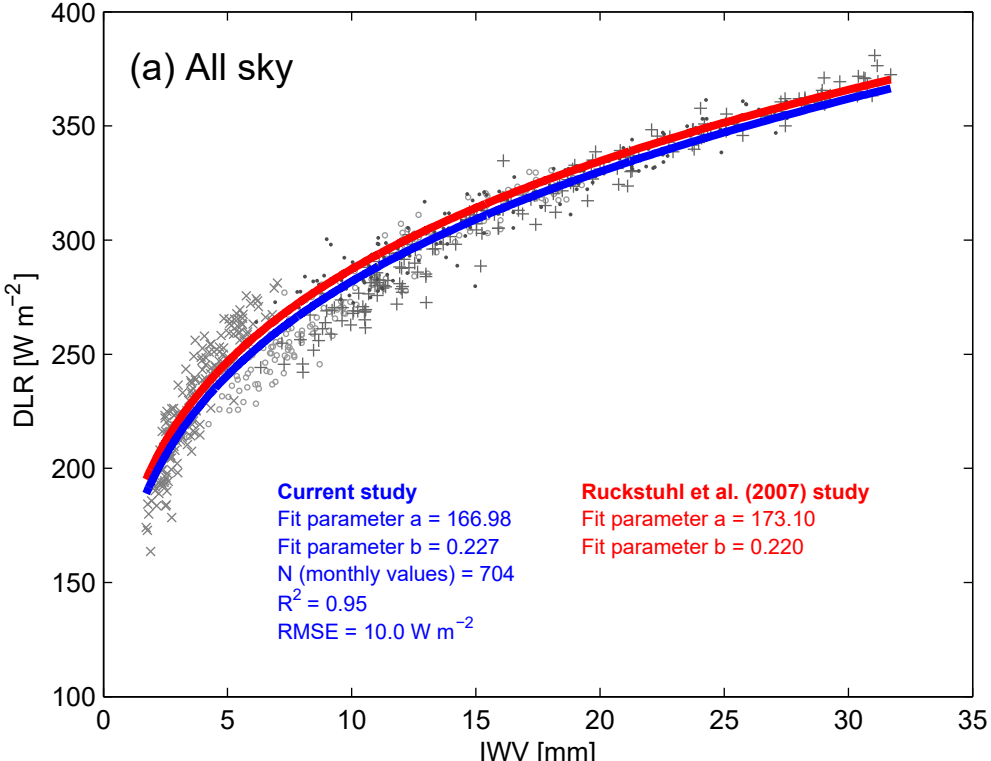
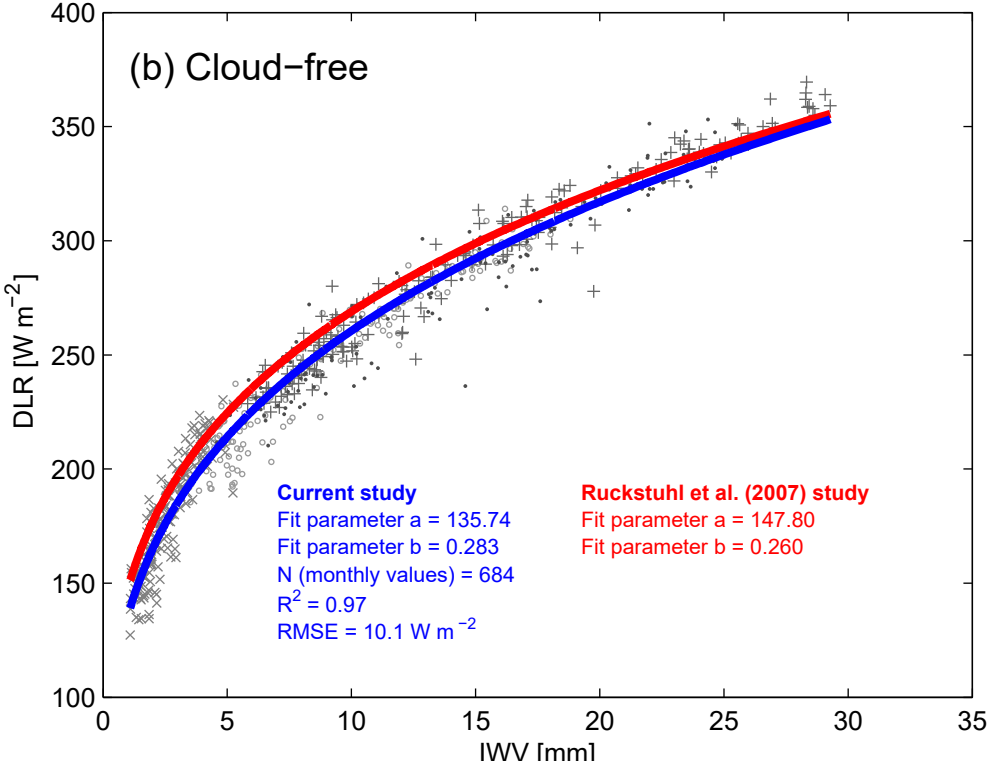

(a) All sky
DLR [W m^{-2}]
IWV [mm]
Current study
Fit parameter a = 166.98
Fit parameter b = 0.227
N (monthly values) = 704
R^2 = 0.95
RMSE = 10.0 W m^{-2}
Ruckstuhl et al. (2007) study
Fit parameter a = 173.10
Fit parameter b = 0.220


(b) Cloud−free
DLR [W m^{-2}]
IWV [mm]
Current study
Fit parameter a = 135.74
Fit parameter b = 0.283
N (monthly values) = 684
R^2 = 0.97
RMSE = 10.1 W m^{-2}
Ruckstuhl et al. (2007) study
Fit parameter a = 147.80
Fit parameter b = 0.260