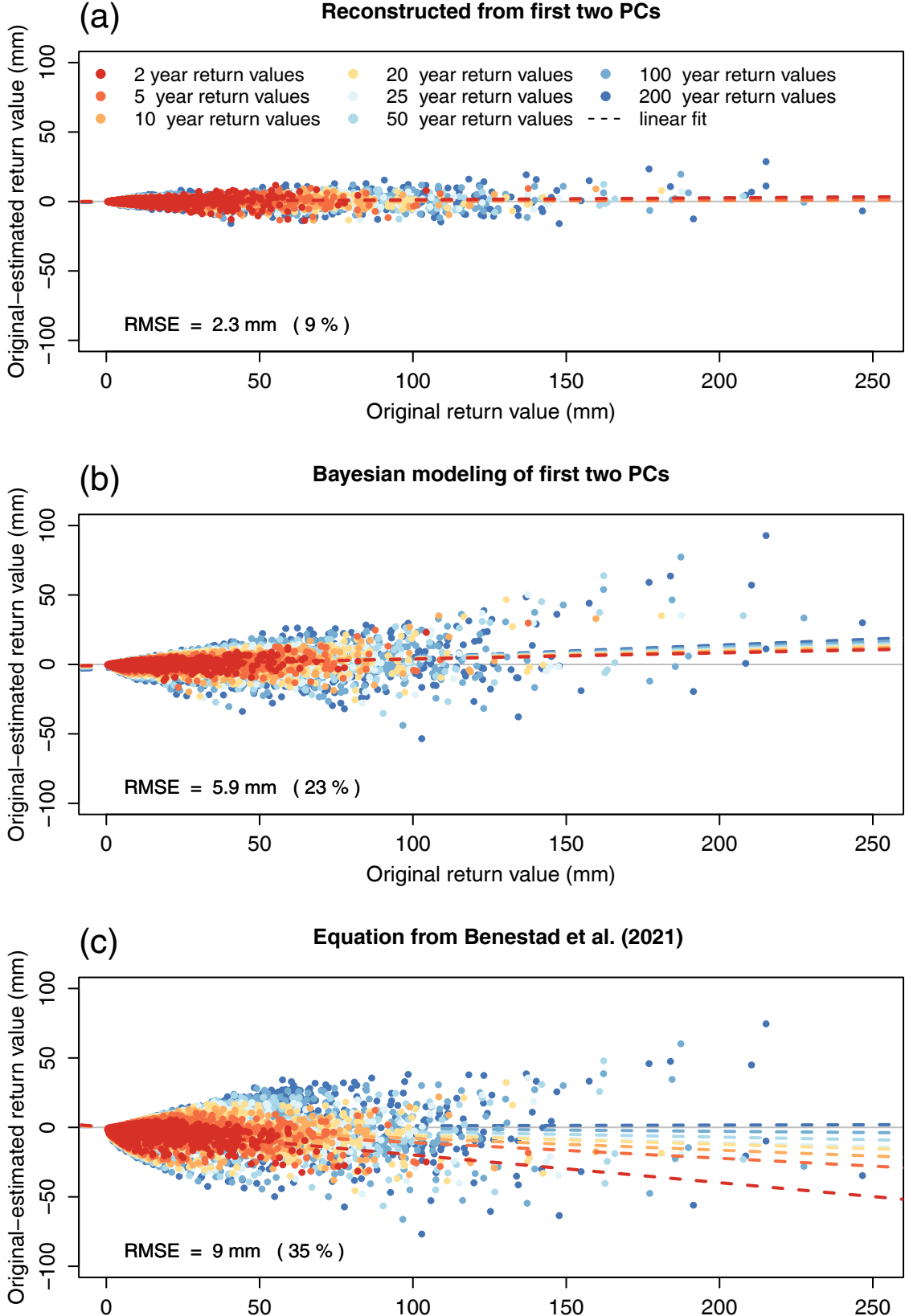
(a)
Reconstructed from first two PCs
2 year return values
5 year return values
10 year return values
20 year return values
25 year return values
50 year return values
100 year return values
200 year return values
linear fit
RMSE = 2.3 mm (9 %)
Original−estimated return value (mm)
Original return value (mm)
(b)
Bayesian modeling of first two PCs
RMSE = 5.9 mm (23 %)
Original−estimated return value (mm)
Original return value (mm)
(c)
Equation from Benestad et al. (2021)
RMSE = 9 mm (35 %)
Original−estimated return value (mm)