(a) β = 0.5; τ_b = 20   (b) β = 1; τ_b = 20   (c) β = 1.5; τ_b = 20

(d) β = 0.5; τ_b = 200   (e) β = 1; τ_b = 200   (f) β = 1.5; τ_b = 200

(g) β = 0.5; τ_b = 2000   (h) β = 1; τ_b = 2000   (i) β = 1.5; τ_b = 2000

Power Spectral Density

Frequency [1/yrs]

Climate   Seasonal.bias   Bioturbation   Aliasing.stochastic   Meas.error

Reference.climate   Seasonal.bias.unc.   Aliasing.seasonal   Individual.variation   Total.error