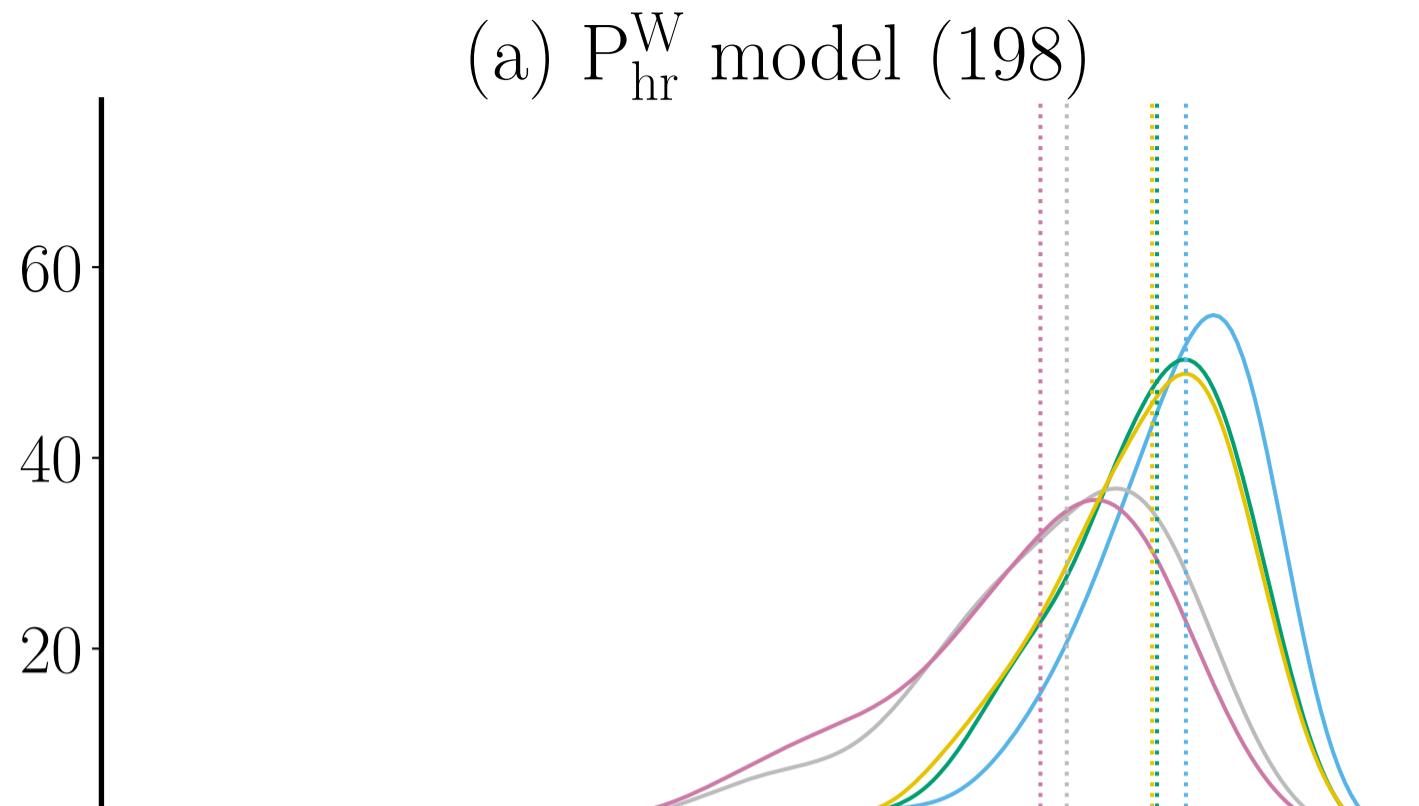


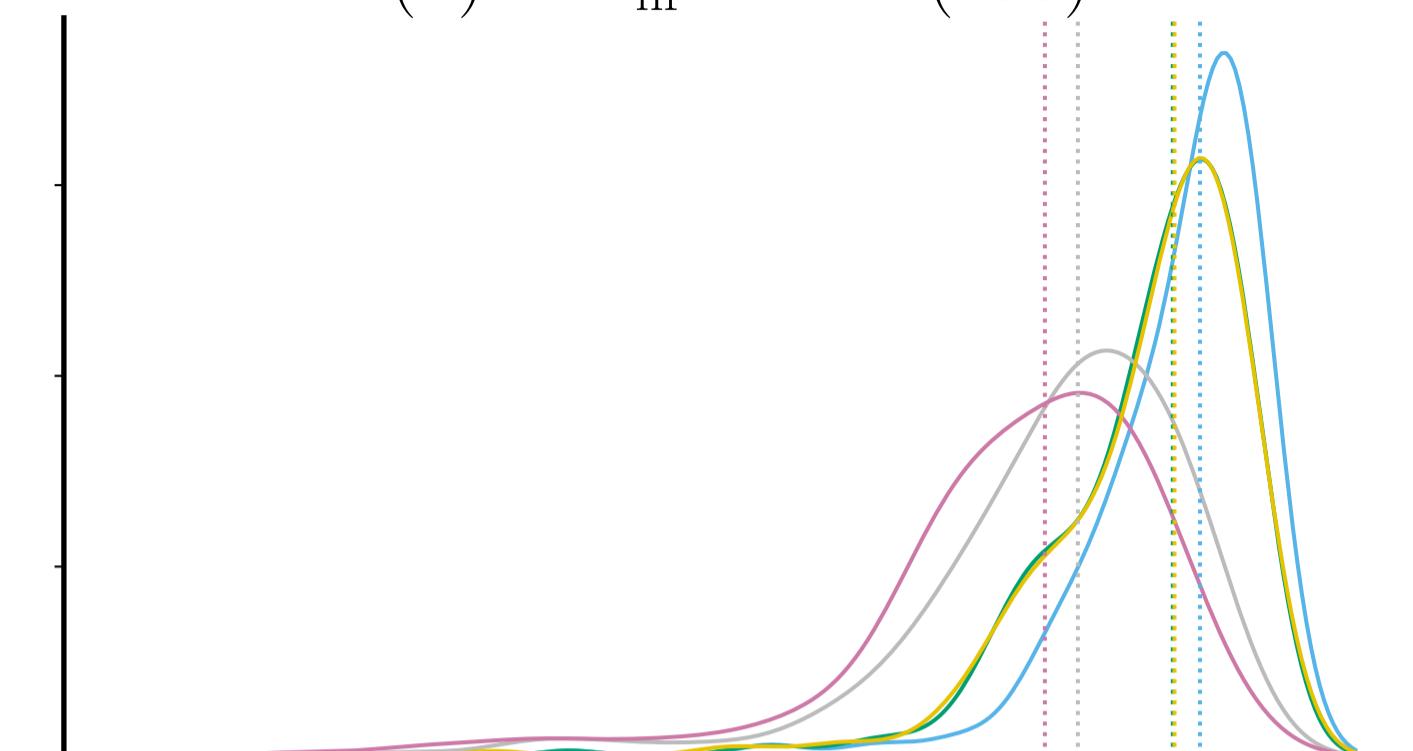
# Hourly scale

(a)  $P_{hr}^W$  model (198)

Fraction of sites [%]



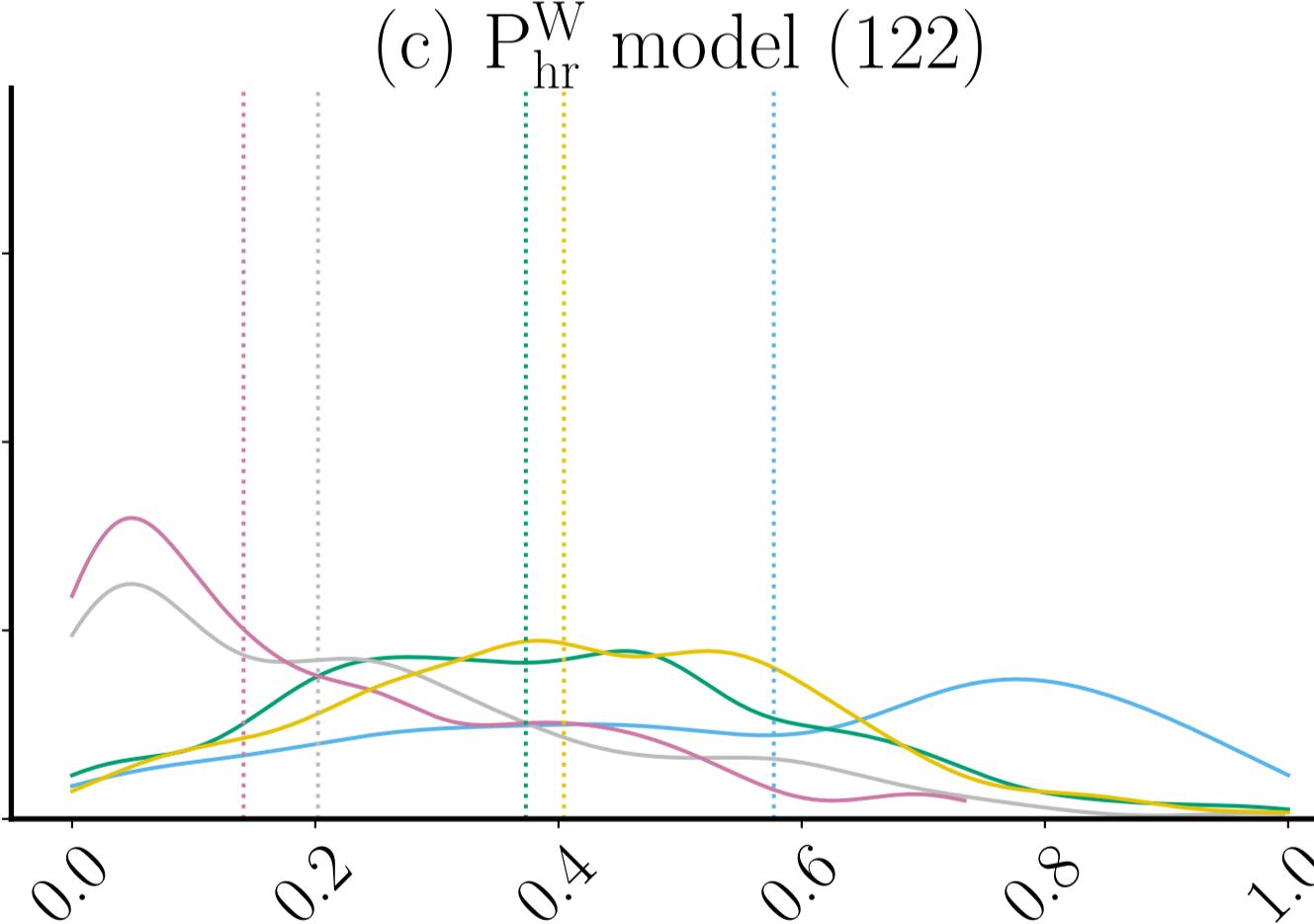
(b)  $Bao_{hr}$  model (198)



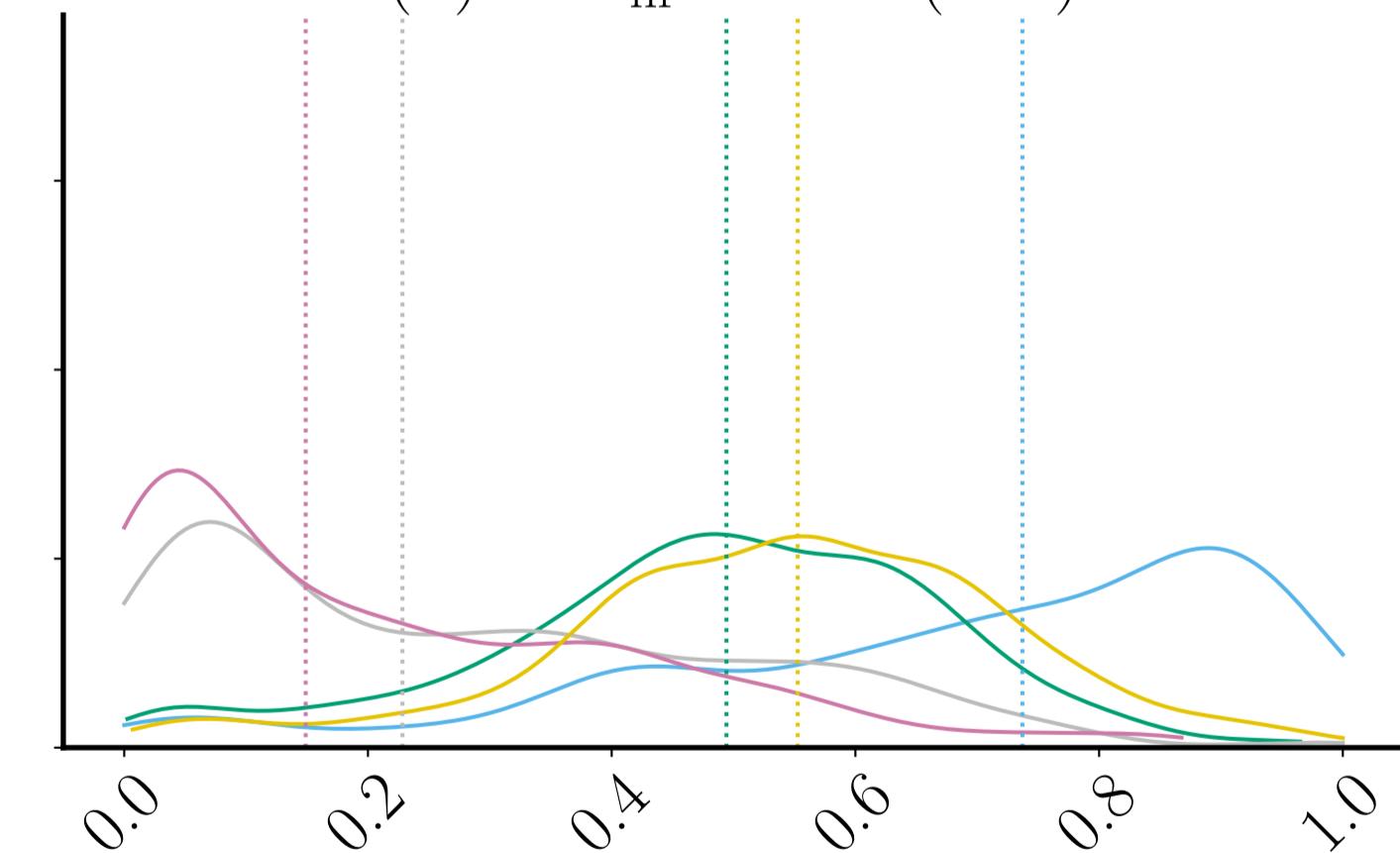
# Annual aggregation

(c)  $P_{hr}^W$  model (122)

Fraction of sites [%]



(d)  $Bao_{hr}$  model (122)



NNSE [-]



per site–year parameterization



per site parameterization using  $Cost^{IAV}$



per site parameterization



per PFT parameterization



global parameterization