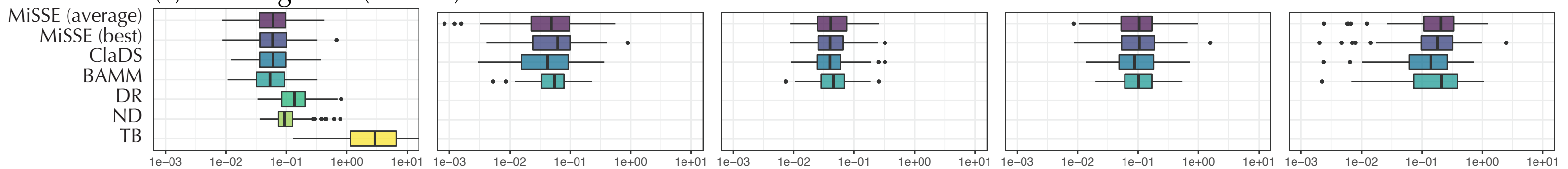
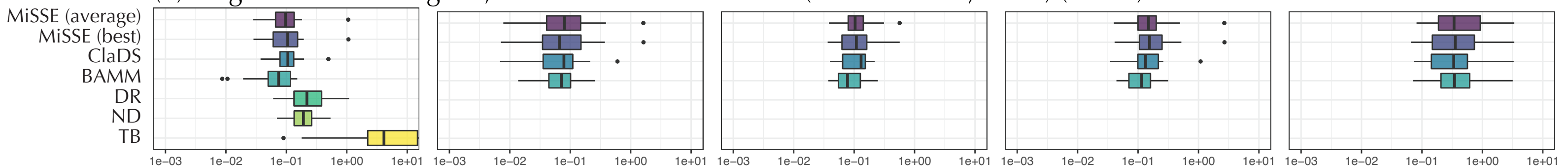


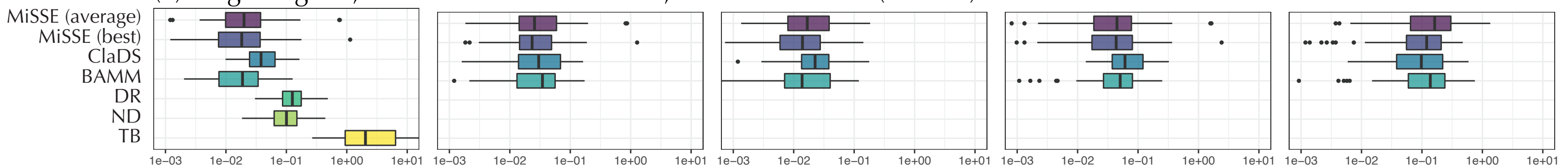
(a) Evolving rates (N=120)



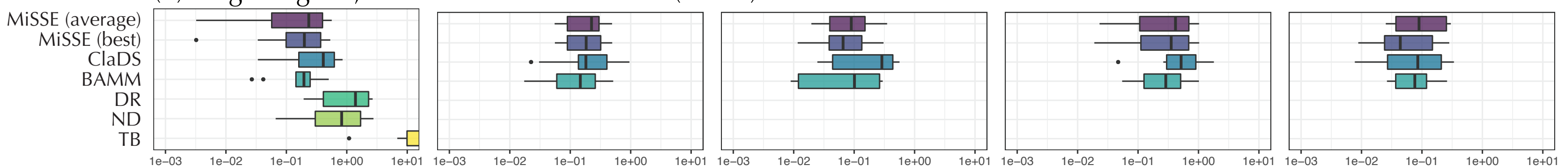
(b) Single- and multi-regime, constant-rate birth–death (Mitchel et al., 2018) (N=18)



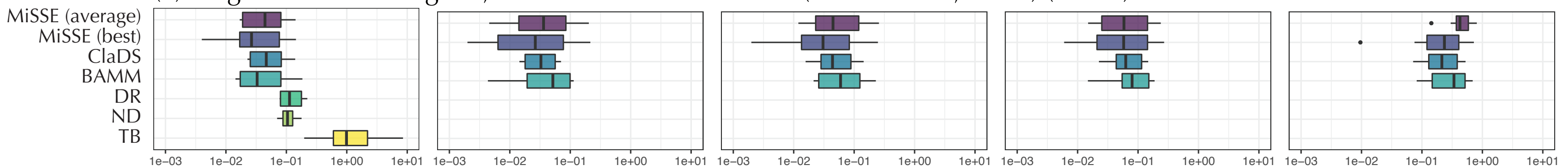
(c) Single-regime, constant-rate birth–death, lambda uniform (N=100)



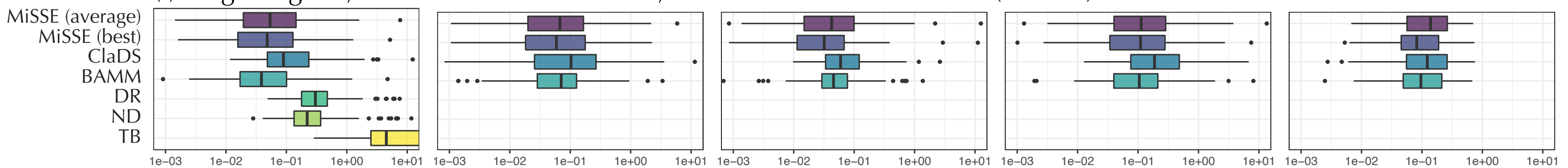
(d) Single-regime, constant-rate birth–death (N=10)



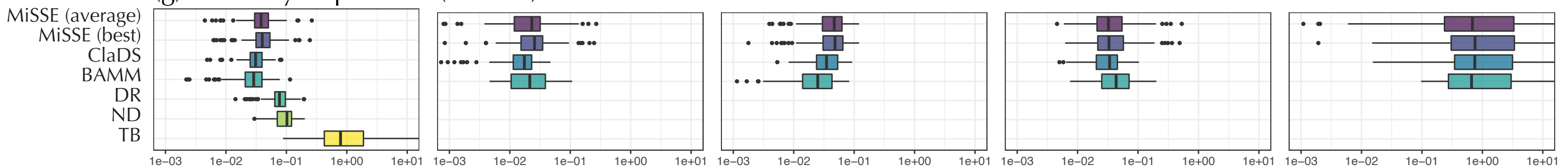
(e) Single- and multi-regime, constant-rate birth–death (Moore et al., 2016) (N=10)



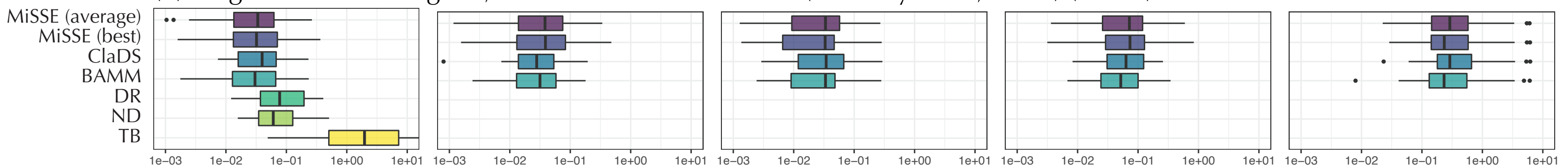
(f) Single-regime, constant-rate birth–death, net diversification uniform (N=100)



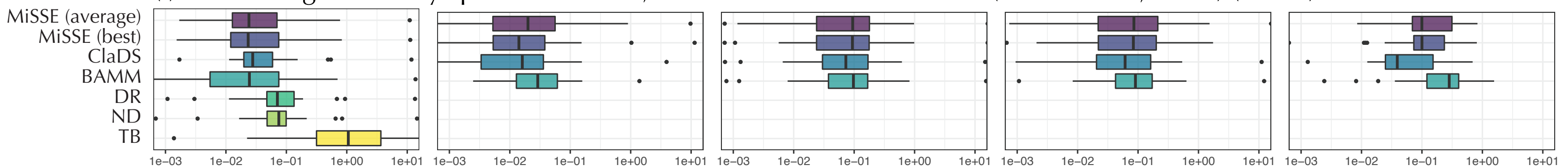
(g) Diversity-dependent (N=117)



(h) Single- and multi-regime, constant-rate birth–death (Rabosky et al., 2017) (N=40)



(i) Rate changes at every speciation event, constant extinction-fraction (Maliot et al., 2019) (N=32)

log10(mean absolute error) λ log10(mean absolute error) μ log10(mean absolute error) r log10(mean absolute error) τ log10(mean absolute error) ϵ