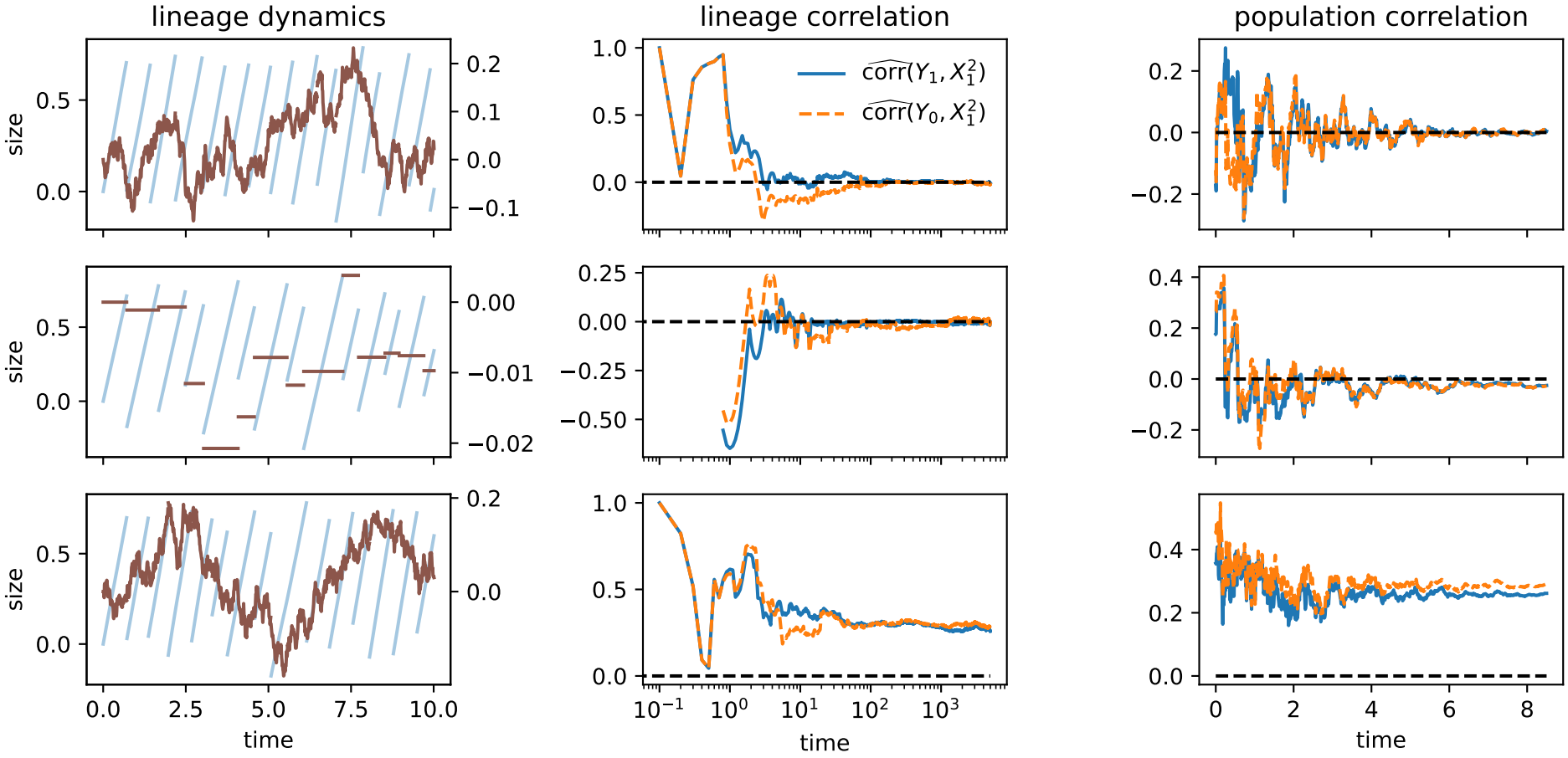
lineage dynamics
lineage correlation
population correlation
size
size
size
time
time
time
$\widehat{\mathrm{corr}}(Y_1, X_1^2)$
$\widehat{\mathrm{corr}}(Y_0, X_1^2)$