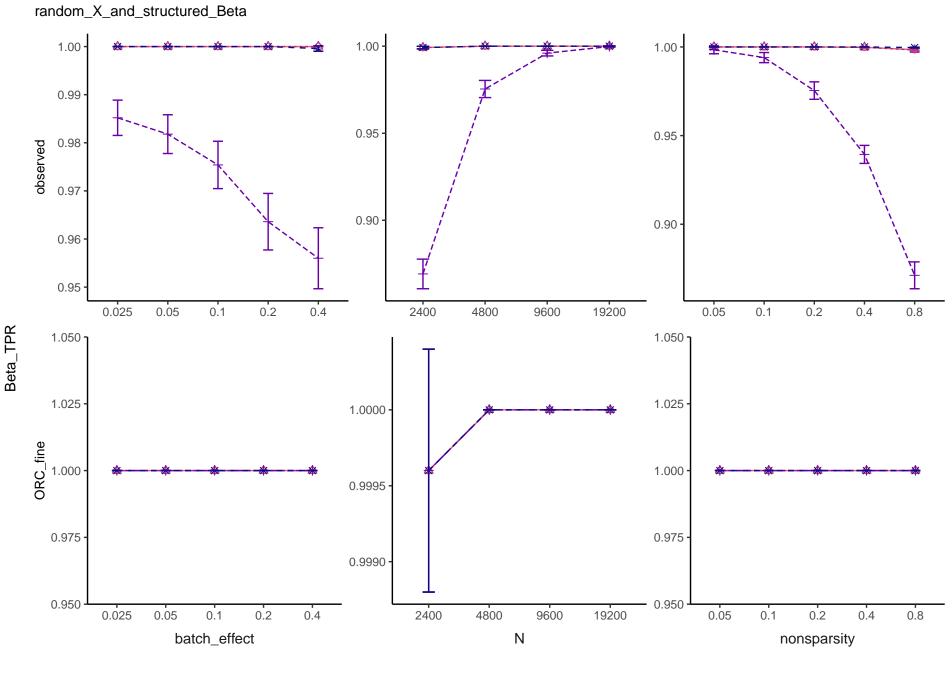
random_X_and_structured_Beta 12500 3000 10000 2800 2500 opserved 2600 7500 2000 5000 2400 2500 1500 2200 0.025 0.05 0.1 0.2 0.4 2400 4800 9600 19200 0.2 0.4 0.8 0.05 0.1 Beta_SSE 2400 2500 9000 2300 2000 ORC_fine 6000 1500 3000 2100 0.2 0.025 0.05 0.1 0.4 2400 4800 9600 19200 0.05 0.2 0.4 8.0 0.1 batch_effect Ν nonsparsity

method \rightarrow IBMR_int $-\triangle$ IBMR_no_Gamma + subset - relabel



method \rightarrow IBMR_int $-\triangle$ · IBMR_no_Gamma + · subset - relabel

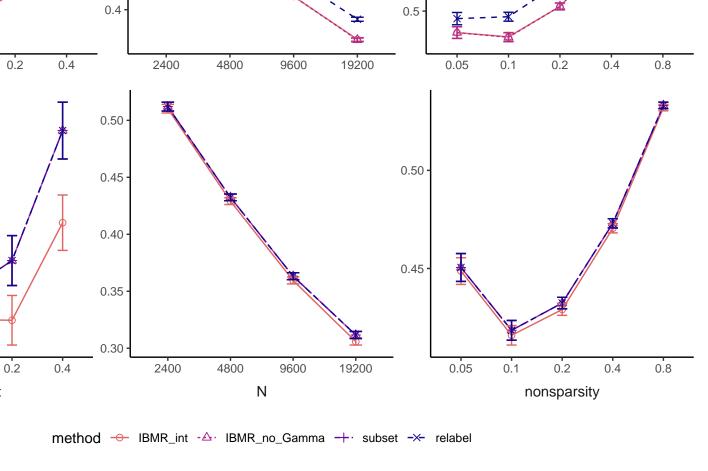
error

0.025

0.05

0.1

batch_effect



method → IBMR_int -△ IBMR_no_Gamma + subset -× relabel