





 $random\_X\_and\_structured\_Beta$ 0.58 0.6 0.65 0.56 0.60 opserved 0.54 0.5 0.55 0.52 0.4 0.50 0.50 0.45 0.025 0.05 0.1 0.2 0.4 2400 4800 9600 0.05 0.1 0.2 0.4 0.8 19200 error 0.50 0.45 0.50 0.45 ORC\_fine 0.40 0.45 0.35 0.43 0.30 0.1 0.2 0.05 0.025 0.05 0.4 2400 4800 9600 19200 0.1 0.2 0.4 0.8 batch\_effect Ν nonsparsity method → IBMR\_int -△· IBMR\_no\_Gamma method → IBMR\_int → IBMR\_no\_Gamma → subset → relabel

KL\_divergence

method → IBMR\_int -△· IBMR\_no\_Gamma method → IBMR\_int → IBMR\_no\_Gamma → subset → relabel