random_X_and_structured_Beta 1.00 -1.0 -0.96 -0.9 0.95 0.9 0.94 observed 0.8 0.8 0.92 0.7 0.7 0.85 0.90 0.6 0.6 0.80 -4800 9600 19200 250 500 1000 2000 2400 20 40 60 80 0.025 0.05 0.1 0.2 Beta_FPR 1.00 -1.0 0.970 0.9 0.9 0.965 ORC_fine orce 8.0 0.8 0.960 0.90 0.7 0.955 0.7 0.6 0.950 0.85 250 500 2400 4800 9600 19200 1000 2000 20 40 60 80 0.025 0.05 0.1 0.2 0.4 0 0 Ν batch_effect р S method IBMR_int IBMR_no_Gamma

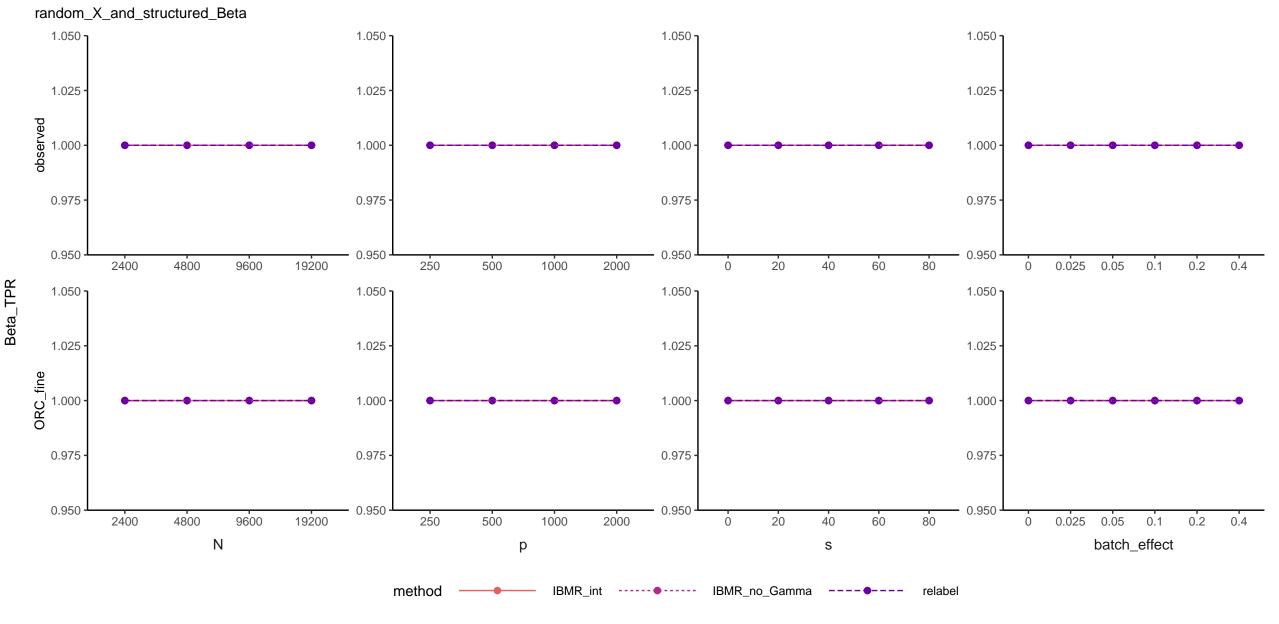
random_X_and_structured_Beta 3000 -perved 2500 **-**2800 -0.025 0.05 0.2 0.1 Beta_SSE ORC fine 2600 -2200 -1500 -0.025 0.05 0.1 0.2 0.4 Ν batch_effect р S

IBMR_no_Gamma

relabel

IBMR_int

method



random_X_and_structured_Beta 0.28 -0.35 **-**0.28 0.275 0.26 0.30 0.26 opserved 0.25 0.24 0.250 -0.24 0.22 0.225 0.15 -0.20 -0.22 0.200 4800 9600 250 500 2400 19200 1000 2000 20 40 60 80 0.025 0.05 0.2 0.4 0.30 error 0.25 0.24 0.23 0.24 0.25 0.23 ORC ORC -0.23 0.22 0.21 0.22 0.21 0.19 -0.21 0.15 -0.20 -0.20 0.10 9600 250 500 1000 2000 2400 4800 19200 20 40 60 80 0.025 0.05 0.2 0.4 0 batch_effect Ν р S method IBMR_int IBMR_no_Gamma relabel