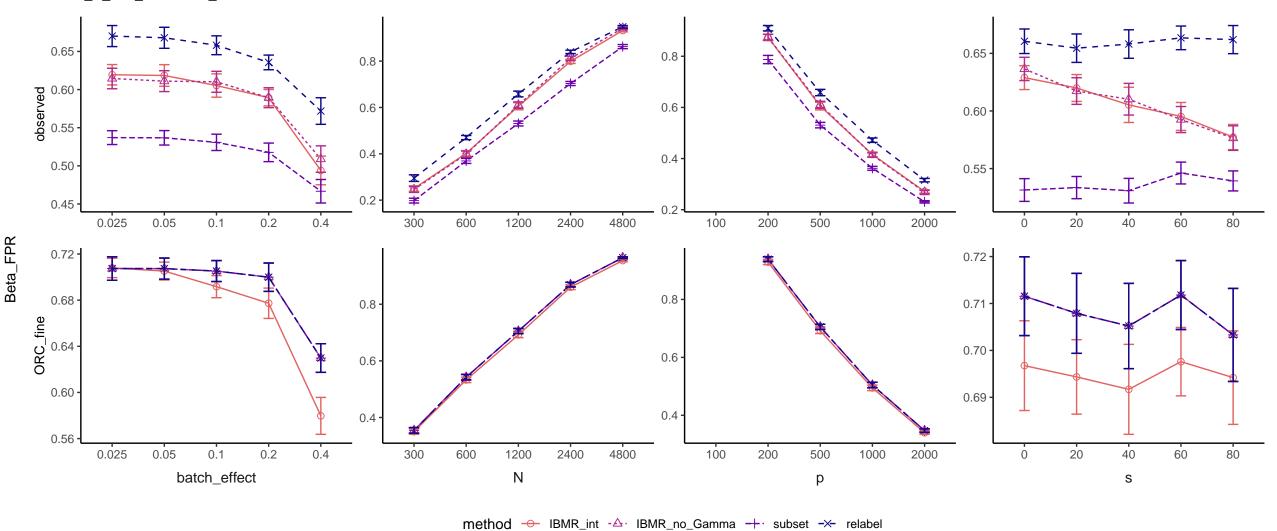
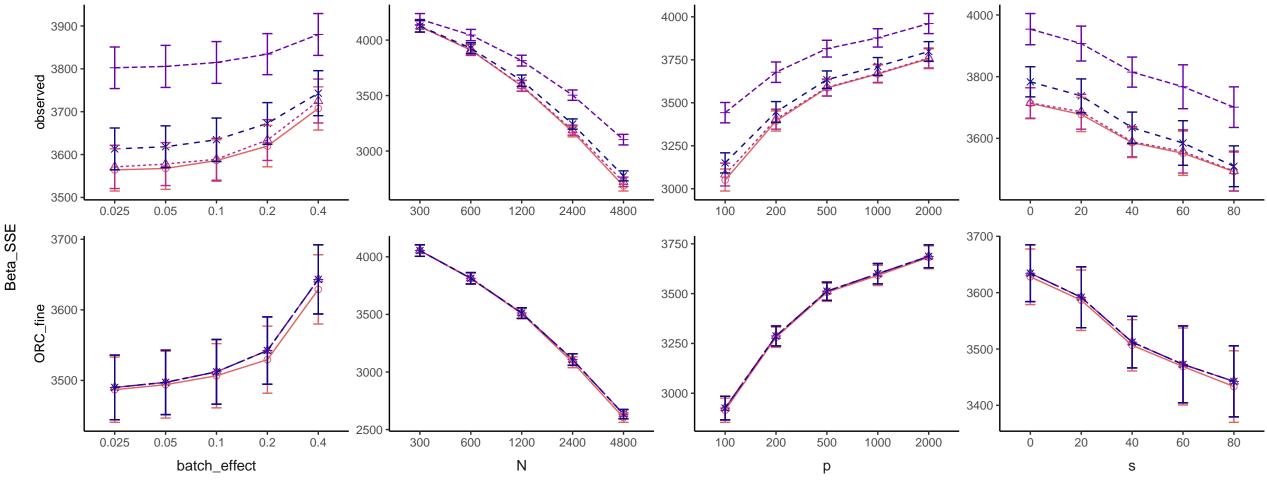
random_X_and_structured_Beta



random_X_and_structured_Beta



method → IBMR_int -△· IBMR_no_Gamma +· subset -× relabel

random_X_and_structured_Beta 1.00 -1.00 -1.0 -1.000 0.99 0.975 0.98 0.8 observed 0.98 0.950 0.96 0.925 0.6 -0.96 0.900 -0.95 **-**0.025 0.05 0.2 300 500 1000 2000 0.1 0.4 600 1200 2400 4800 100 200 Beta_TPR 1.00 -1.000 1.000 -0.95 0.999 0.998 ORC_fine 0.995 0.90 0.996 0.85 0.997 0.990 0.994 0.80 -0.996 -0.992 300 1200 100 0.025 0.4 4800 0.05 0.2 600 200 500 2000 80 0.1 2400 1000 0 20 40 60 batch_effect Ν р S

method → IBMR_int -△· IBMR_no_Gamma +· subset -× relabel

random_X_and_structured_Beta 0.57 0.8 -0.6 0.54 0.54 0.6 opserved 0.50 0.51 0.5 -0.48 0.46 0.45 0.025 1200 4800 100 2000 0.05 0.2 300 600 2400 200 500 1000 80 0.7 error 0.43 -0.45 0.43 0.6 0.42 -0.41 -0.41 0.5 0.40 0.42 0.4 0.41 0.35 0.3 0.40 0.40 -0.2 0.30 0.025 100 0.4 1200 500 2000 0.05 0.2 300 600 2400 4800 200 1000 40 0.1 20 60 80

method → IBMR_int -△· IBMR_no_Gamma → subset -× relabel

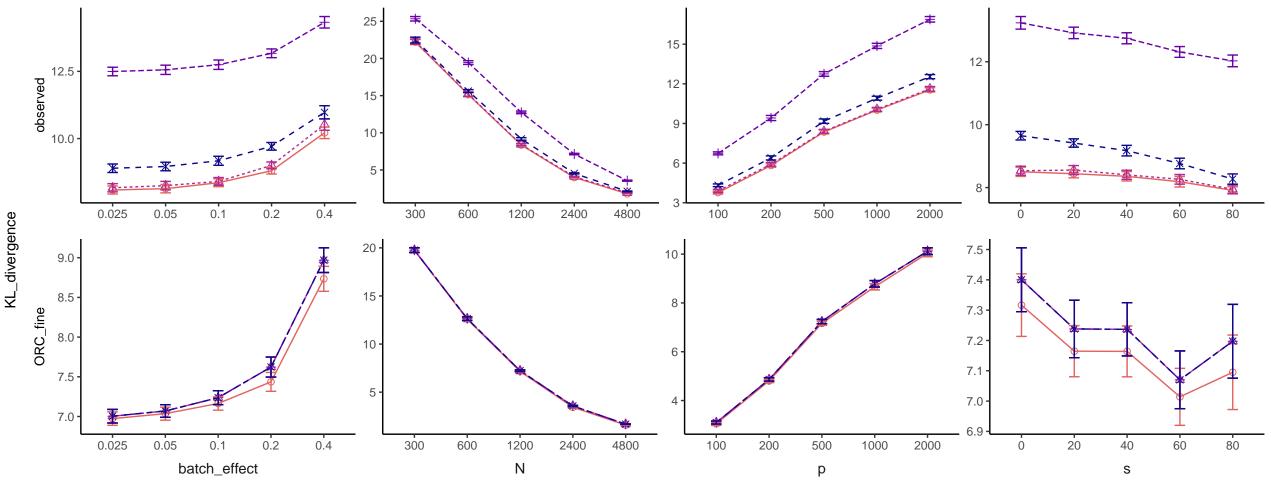
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batch_effect

random_X_and_structured_Beta



method → IBMR_int -△· IBMR_no_Gamma +· subset -× relabel