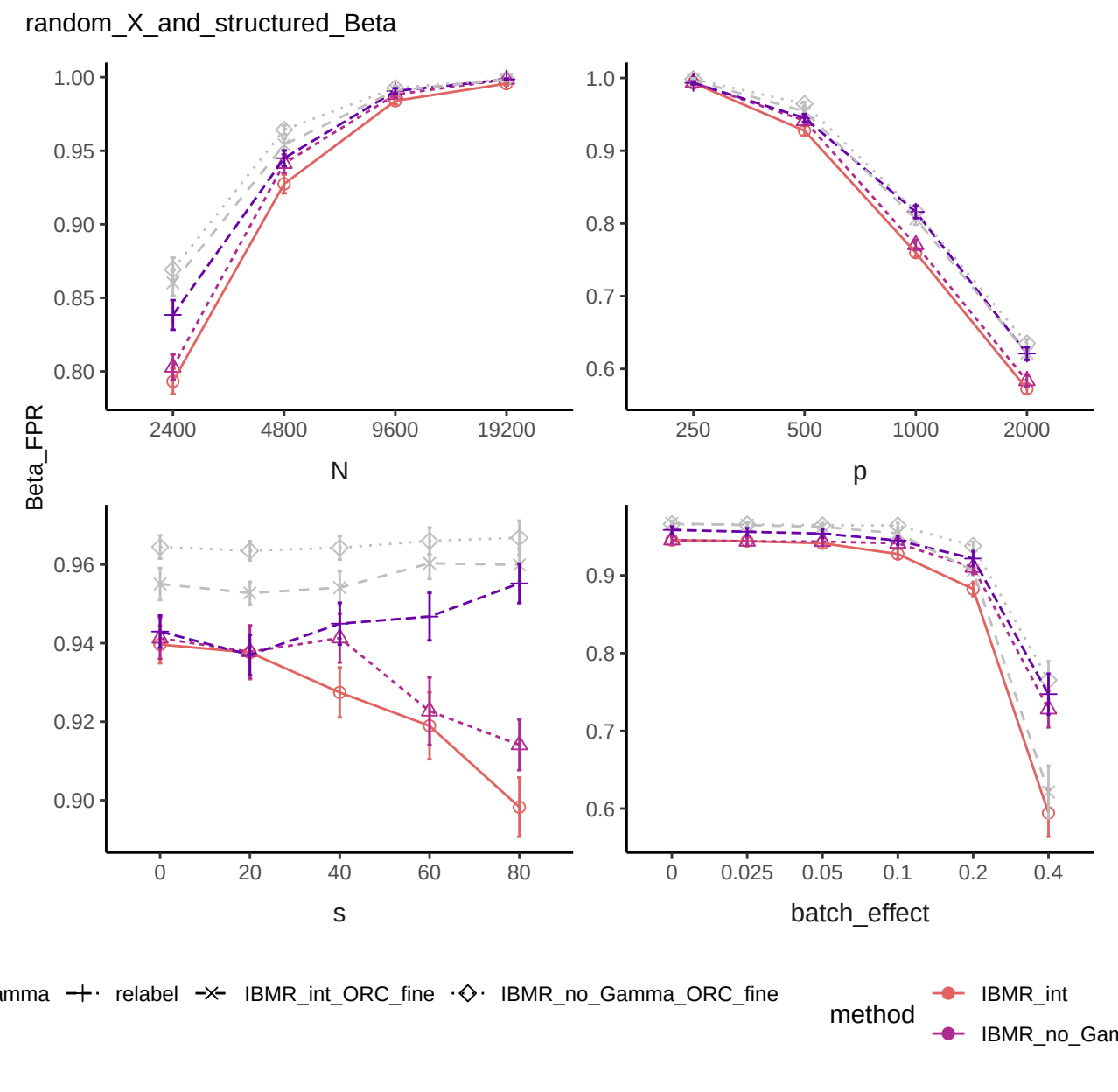
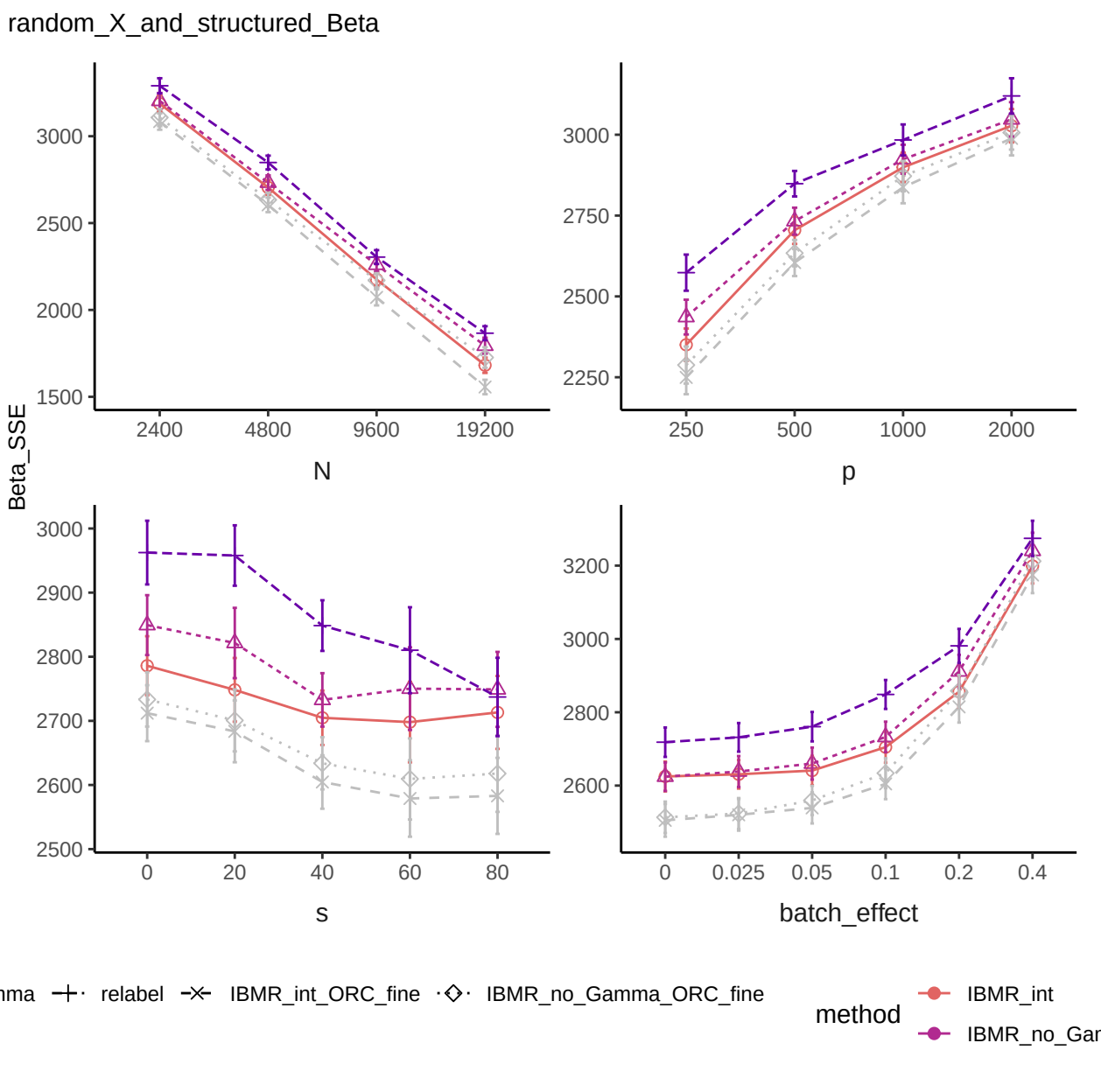
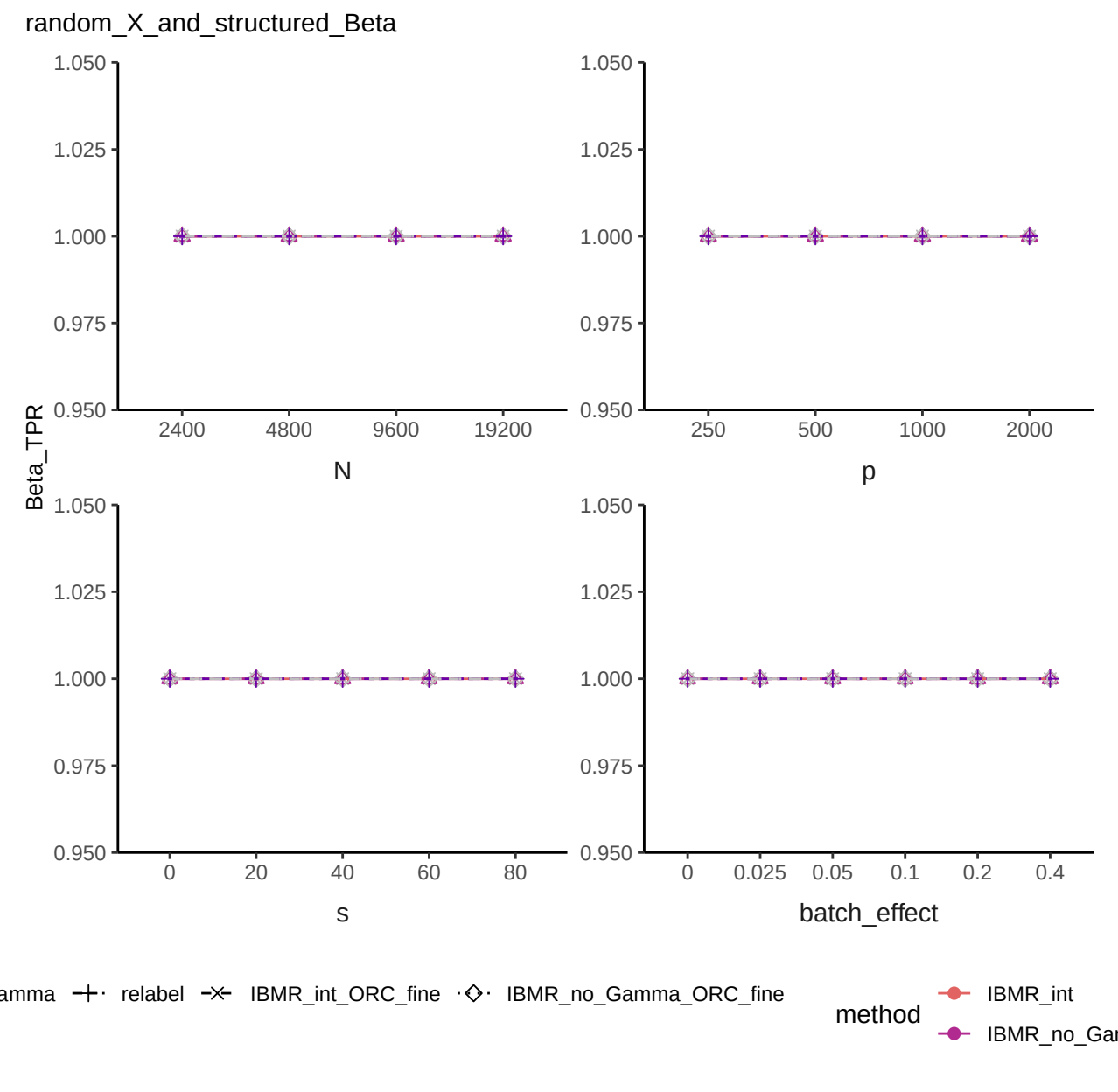
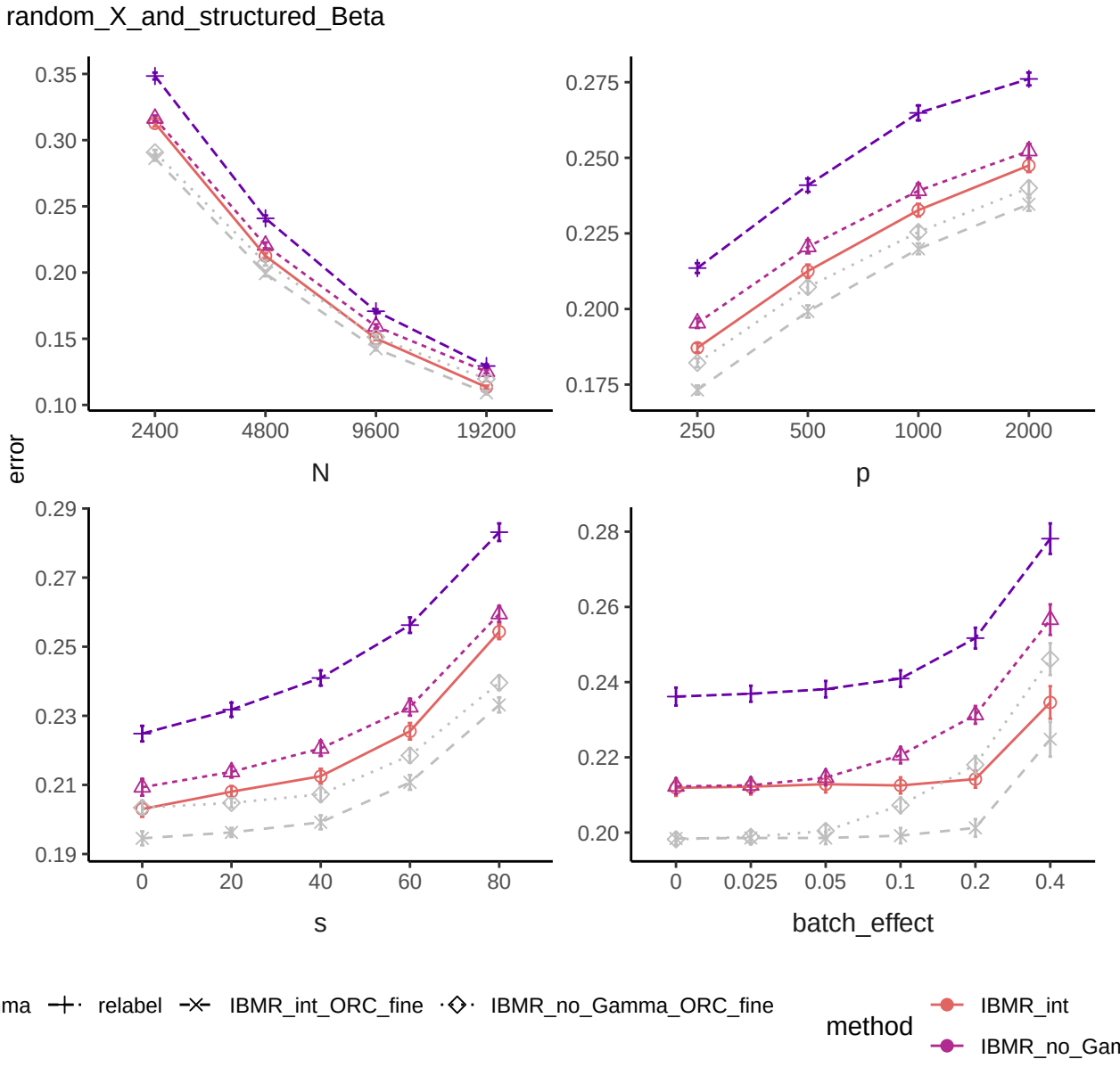
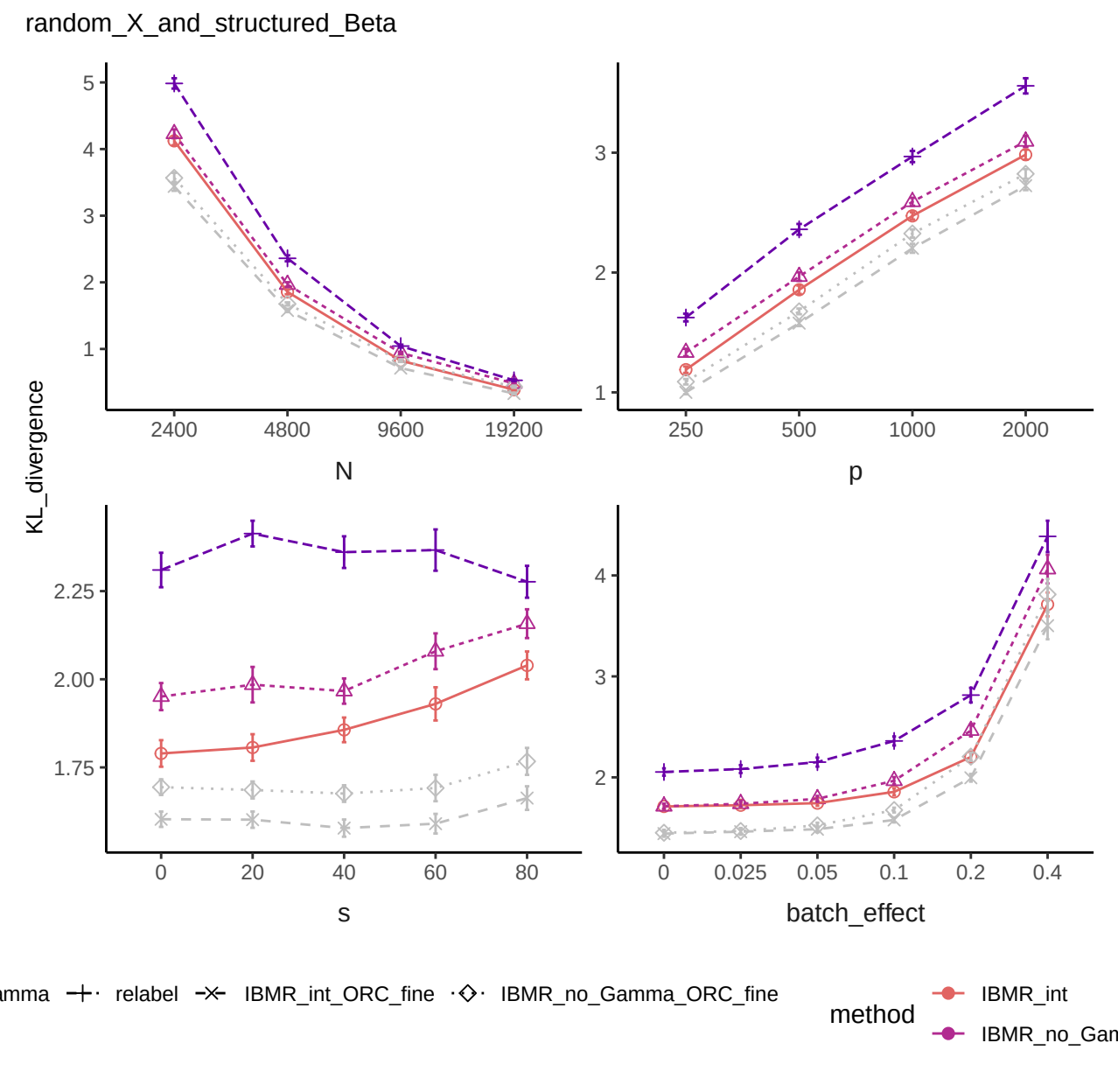

random_X_and_structured_Beta
Beta_FPR
1.00
0.95
0.90
0.85
0.80
2400
4800
9600
19200
N
1.0
0.9
0.8
0.7
0.6
250
500
1000
2000
p
0.96
0.94
0.92
0.90
0
20
40
60
80
s
0.9
0.8
0.7
0.6
0
0.025
0.05
0.1
0.2
0.4
batch_effect
amma
relabel
IBMR_int_ORC_fine
IBMR_no_Gamma_ORC_fine
method
IBMR_int
IBMR_no_Gam


random_X_and_structured_Beta
Beta_SSE
3000
2500
2000
1500
2400
4800
9600
19200
N
3000
2750
2500
2250
250
500
1000
2000
p
3000
2900
2800
2700
2600
2500
0
20
40
60
80
s
3200
3000
2800
2600
0
0.025
0.05
0.1
0.2
0.4
batch_effect
amma
relabel
IBMR_int_ORC_fine
IBMR_no_Gamma_ORC_fine
method
IBMR_int
IBMR_no_Gar


random_X_and_structured_Beta
Beta_TPR
1.050
1.025
1.000
0.975
0.950
2400
4800
9600
19200
N
250
500
1000
2000
p
0
20
40
60
80
s
0
0.025
0.05
0.1
0.2
0.4
batch_effect
amma
relabel
IBMR_int_ORC_fine
IBMR_no_Gamma_ORC_fine
method
IBMR_int
IBMR_no_Gar


random_X_and_structured_Beta
error
0.35
0.30
0.25
0.20
0.15
0.10
2400
4800
9600
19200
N
0.275
0.250
0.225
0.200
0.175
250
500
1000
2000
p
0.29
0.27
0.25
0.23
0.21
0.19
0
20
40
60
80
s
0.28
0.26
0.24
0.22
0.20
0
0.025
0.05
0.1
0.2
0.4
batch_effect
amma
relabel
IBMR_int_ORC_fine
IBMR_no_Gamma_ORC_fine
method
IBMR_int
IBMR_no_Gam


random_X_and_structured_Beta
KL_divergence
N
p
s
batch_effect
2400
4800
9600
19200
250
500
1000
2000
0
20
40
60
80
0
0.025
0.05
0.1
0.2
0.4
1.75
2.00
2.25
1
2
3
4
5
amma
relabel
IBMR_int_ORC_fine
IBMR_no_Gamma_ORC_fine
method
IBMR_int
IBMR_no_Gam