A
log10 (p−value)
window size (bp)
3k
10k
30k
100k
300k
1M
3M
B
Spearman correlation (abs value)
CGIs
EXONs
GENEs
modCpG
log(1+expression)
mod
5hmC
5mC
5hmCrel
C
Pearson correlation (abs value)
D
Simulations: effect of patient numbers
D2
1kbp
10kbp
100kbp
1Mbp
10Mbp
100Mbp
30 patients
100 patients
300 patients
1000 patients
3000 patients
10000 patients