Statistics for Genomic Data Science: Week 3

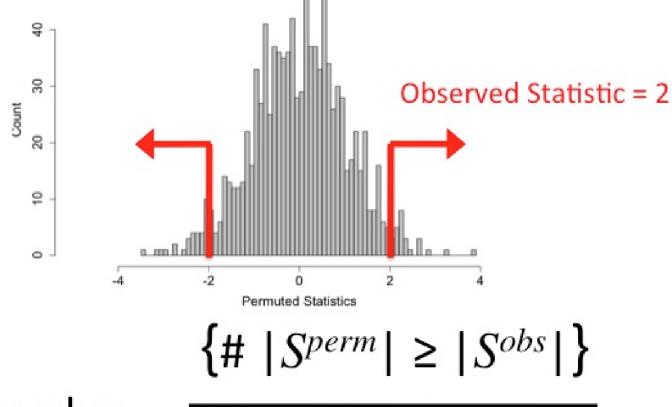
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This week:

More modeling Statistical significance Multiple testing



P-value =

of Permutations

Family wise error rate:
Pr(# False Positives ≥ 1)

• False discovery rate:

• EFP (e-values)

E[# False Positives]