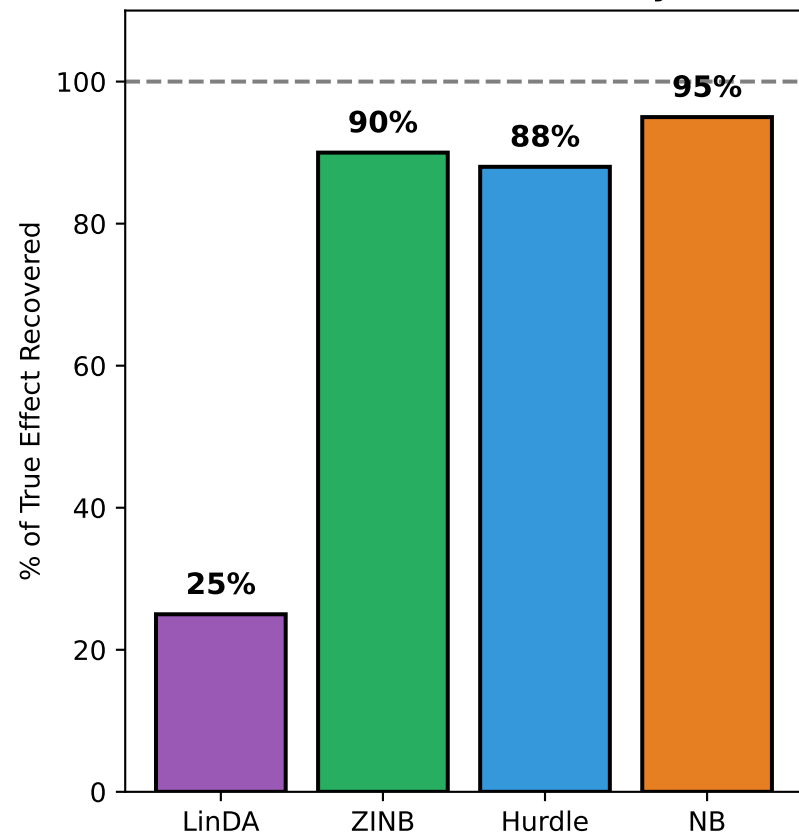
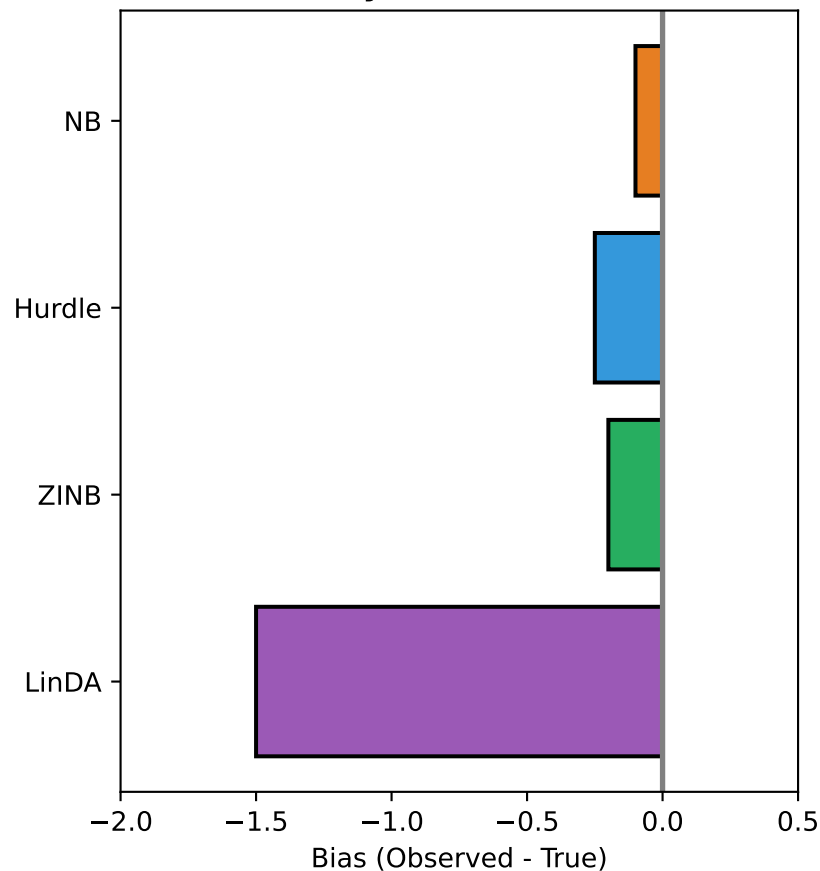


A. Effect Size Recovery**B. Systematic Bias****C. Recommendations****KEY FINDINGS**

1. LinDA attenuates effect sizes by ~75%
 - Observed 0.5 = True 2.0 log2FC
 - Effect sizes NOT directly interpretable
2. ZINB/Hurdle recover ~90% of true effect
 - Effect sizes are approximately accurate
 - Use for biological interpretation
3. Cross-method concordance is good
 - Direction agreement >85%
 - Ranking agreement $r > 0.7$

RECOMMENDATION:

Use LinDA for significance testing ($q < 0.10$)
Use ZINB/Hurdle for effect size estimation