Effect Size Interpretation Guide

CLR-based methods (LinDA) require ~4x correction

Method	Observed Effect	True Effect	Interpretation	Use Case
LinDA	0.5 log2FC	~2.0 log2FC	4x fold change (after correction)	Significance testing
LinDA	1.0 log2FC	~4.0 log2FC	16x fold change (after correction)	Large effects only
ZINB	2.0 log2FC	~2.2 log2FC	4-5x fold change (directly interpretable)	Effect size estimation
Hurdle	2.0 log2FC	~2.3 log2FC	4-5x fold change (directly interpretable)	Sparse data