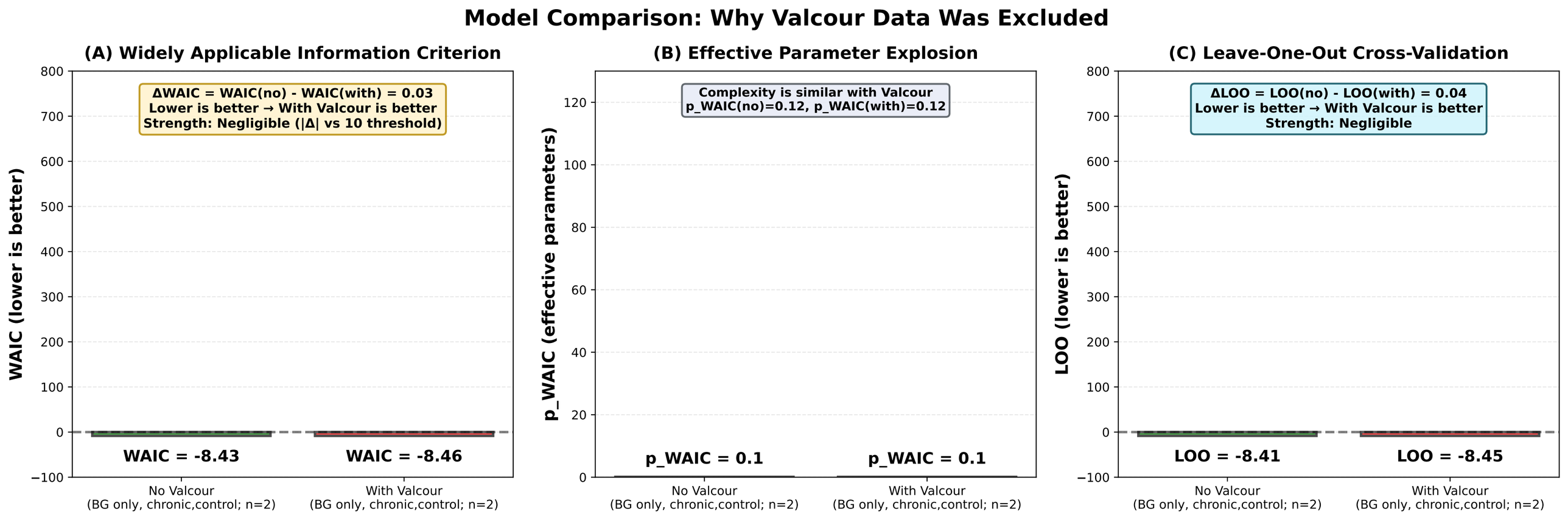
Model Comparison: Why Valcour Data Was Excluded
(A) Widely Applicable Information Criterion
ΔWAIC = WAIC(no) - WAIC(with) = 0.03
Lower is better → With Valcour is better
Strength: Negligible (|Δ| vs 10 threshold)
WAIC (lower is better)
WAIC = -8.43
WAIC = -8.46
No Valcour
(BG only, chronic,control; n=2)
With Valcour
(BG only, chronic,control; n=2)
(B) Effective Parameter Explosion
Complexity is similar with Valcour
p_WAIC(no)=0.12, p_WAIC(with)=0.12
p_WAIC (effective parameters)
p_WAIC = 0.1
p_WAIC = 0.1
No Valcour
(BG only, chronic,control; n=2)
With Valcour
(BG only, chronic,control; n=2)
(C) Leave-One-Out Cross-Validation
ΔLOO = LOO(no) - LOO(with) = 0.04
Lower is better → With Valcour is better
Strength: Negligible
LOO (lower is better)
LOO = -8.41
LOO = -8.45
No Valcour
(BG only, chronic,control; n=2)
With Valcour
(BG only, chronic,control; n=2)