

Supplementary Figures to “Building A Theoretical Foundation for Combining Negative Controls and Replicates”

Jiming Jiang, Johann A. Gagnon-Bartsch and Terence P. Speed

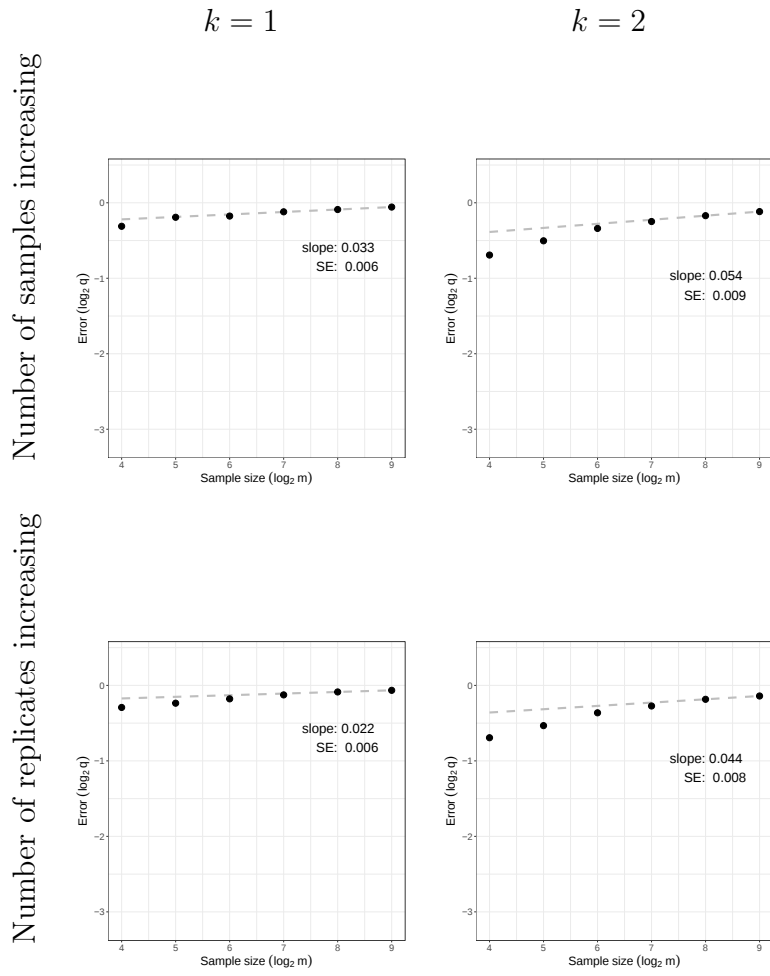


Figure S1: Like Figure 1, but for $k = 1$ and $k = 2$. Note that the vertical scale differs from Figure 1.

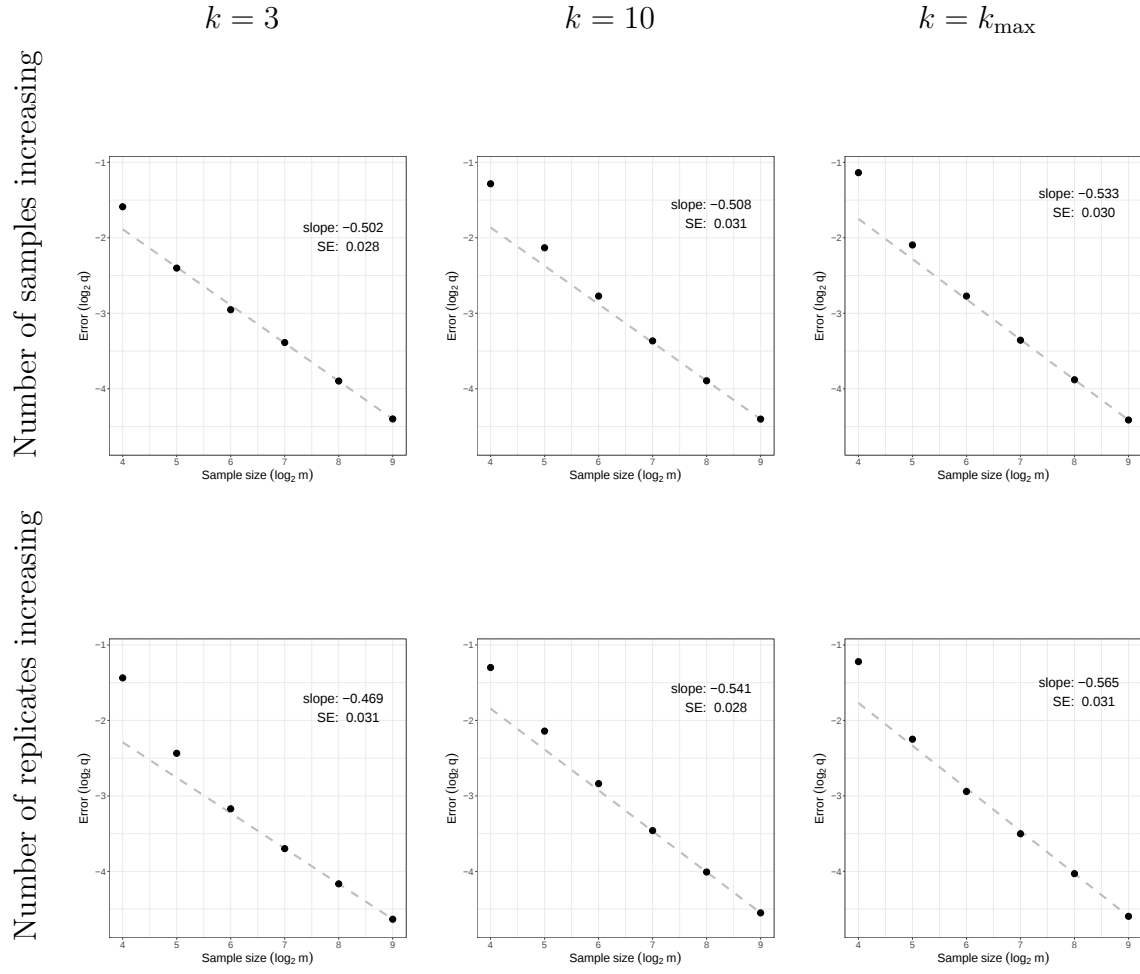


Figure S2: Like Figure 1, but with Pareto distributed data.

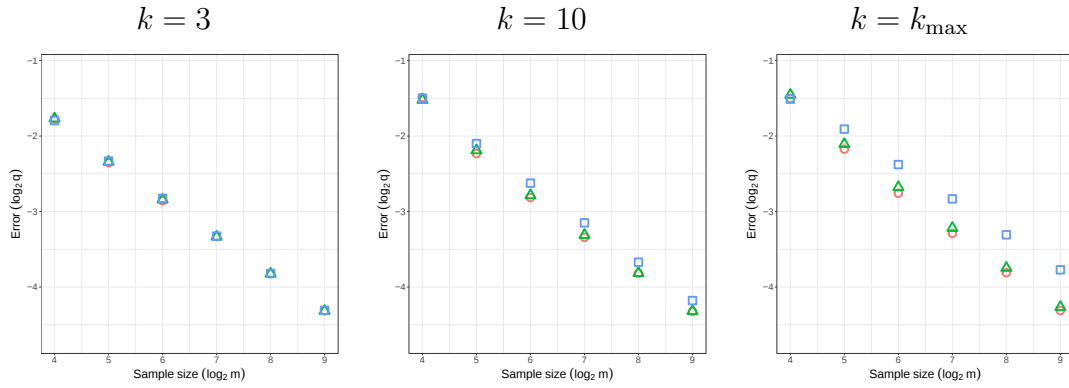


Figure S3: Like Figure 2, but with Pareto distributed data.

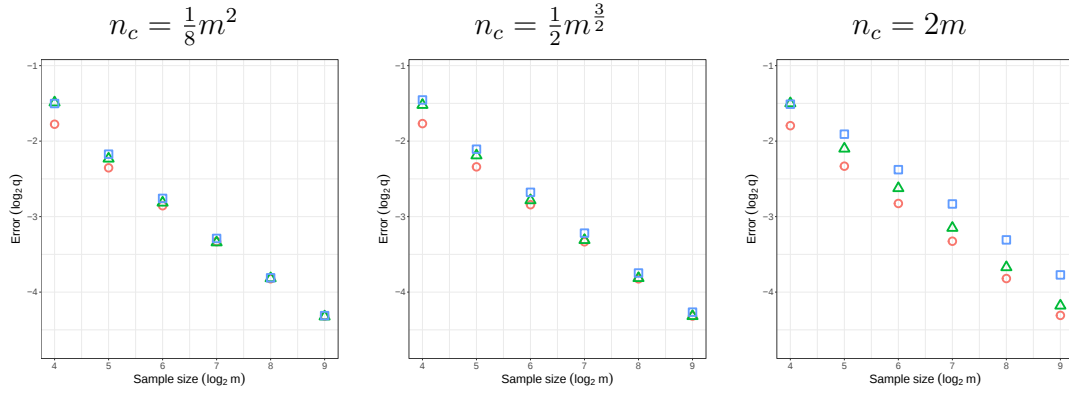


Figure S4: Like Figure 3, but with Pareto distributed data.

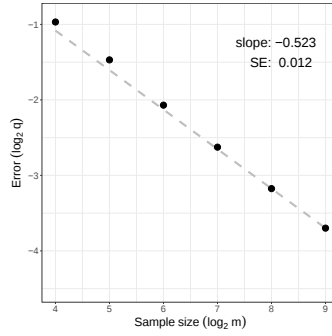


Figure S5: Results for PRPS. Note $n_c = \frac{1}{8m^2}$ as in Figure 1. Note also that the vertical scale differs from Figure 1. $k = 3$.

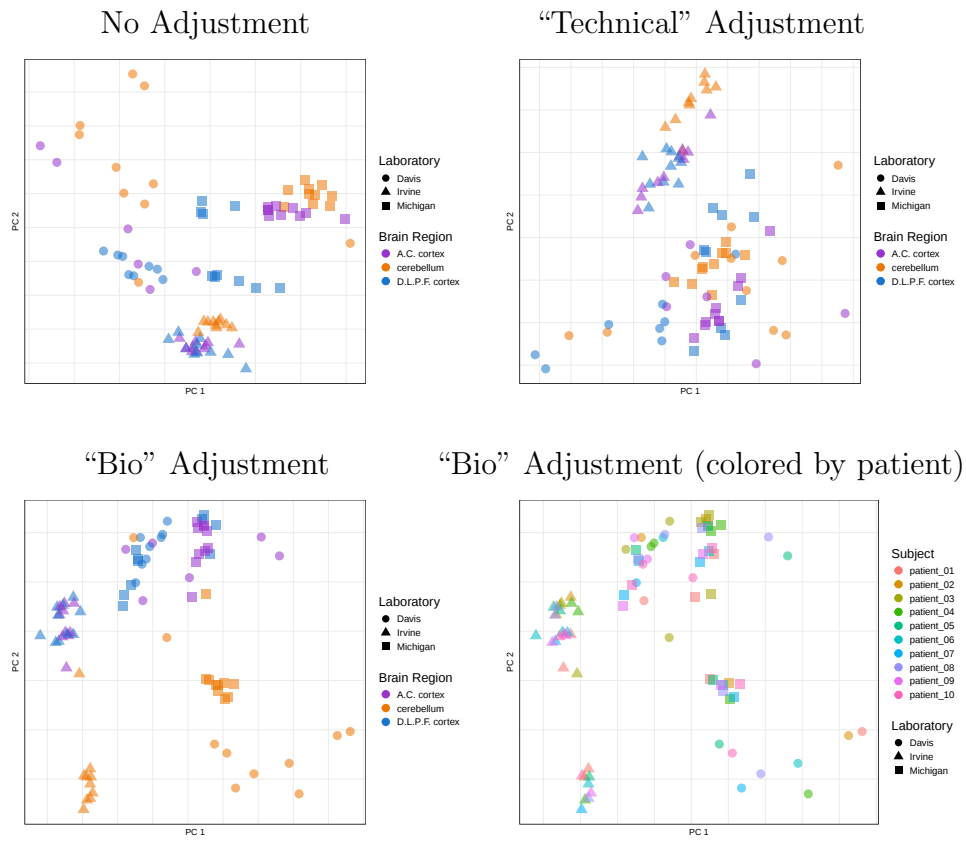


Figure S6: Like Figure 4, but with $k = 1$.

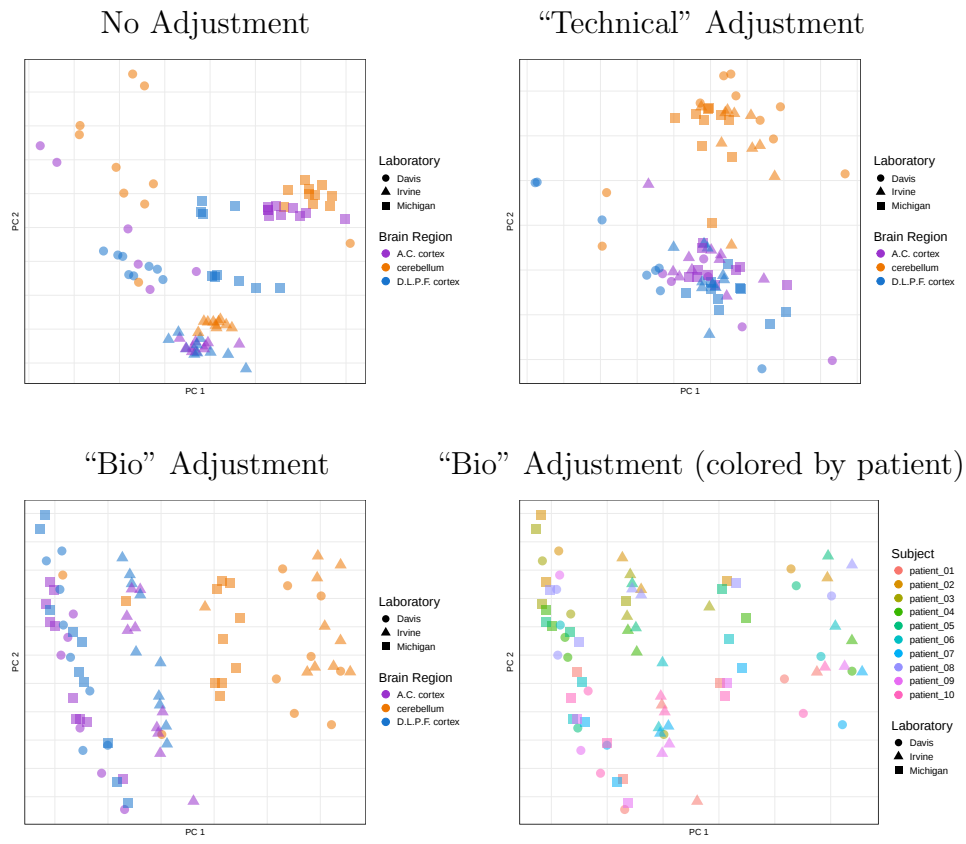


Figure S7: Like Figure 4, but with $k = 2$.

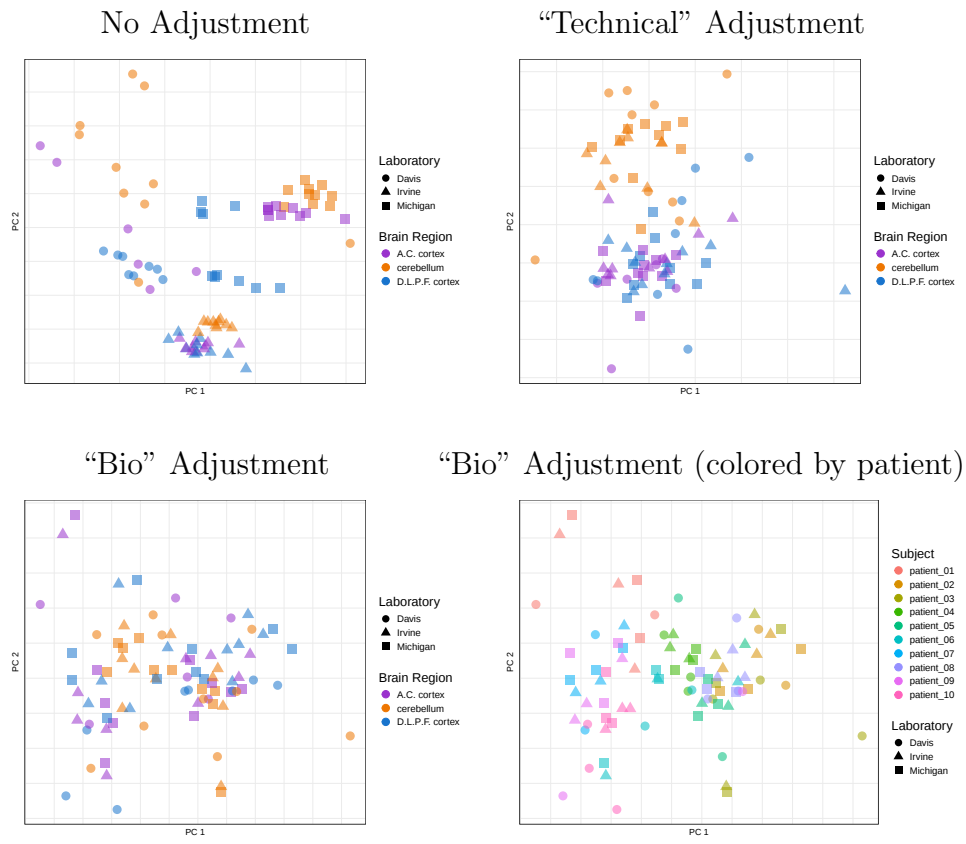


Figure S8: Like Figure 4, but with $k = 5$.

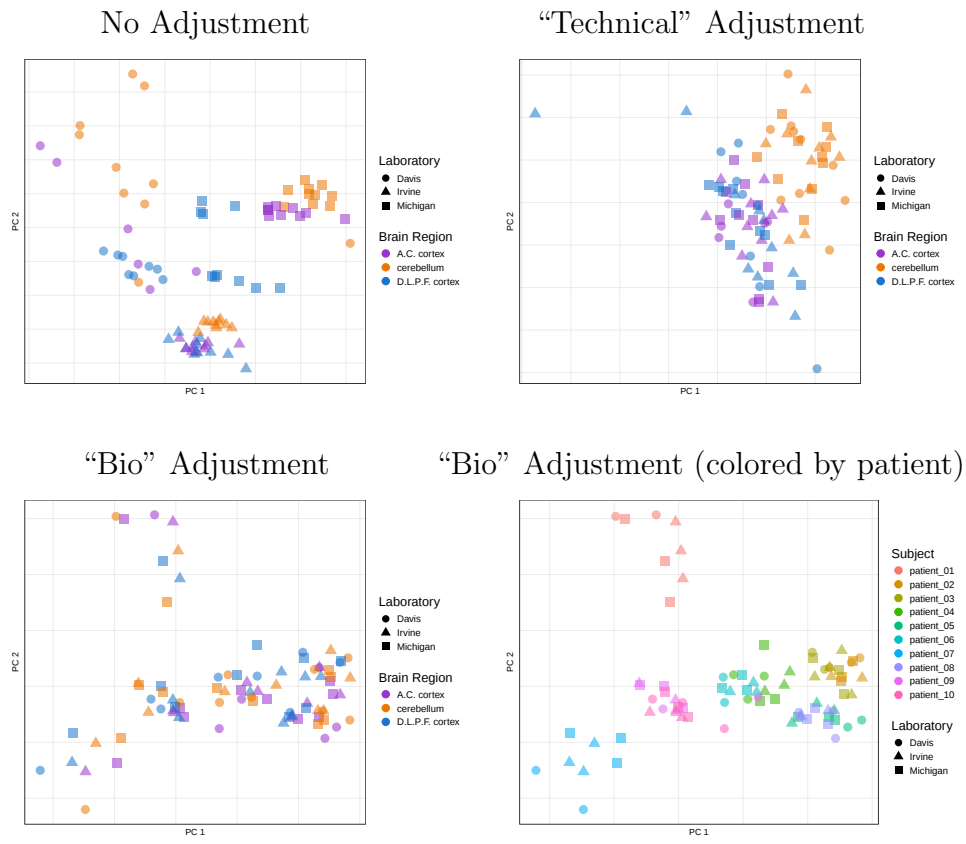


Figure S9: Like Figure 4, but with $k = 15$.

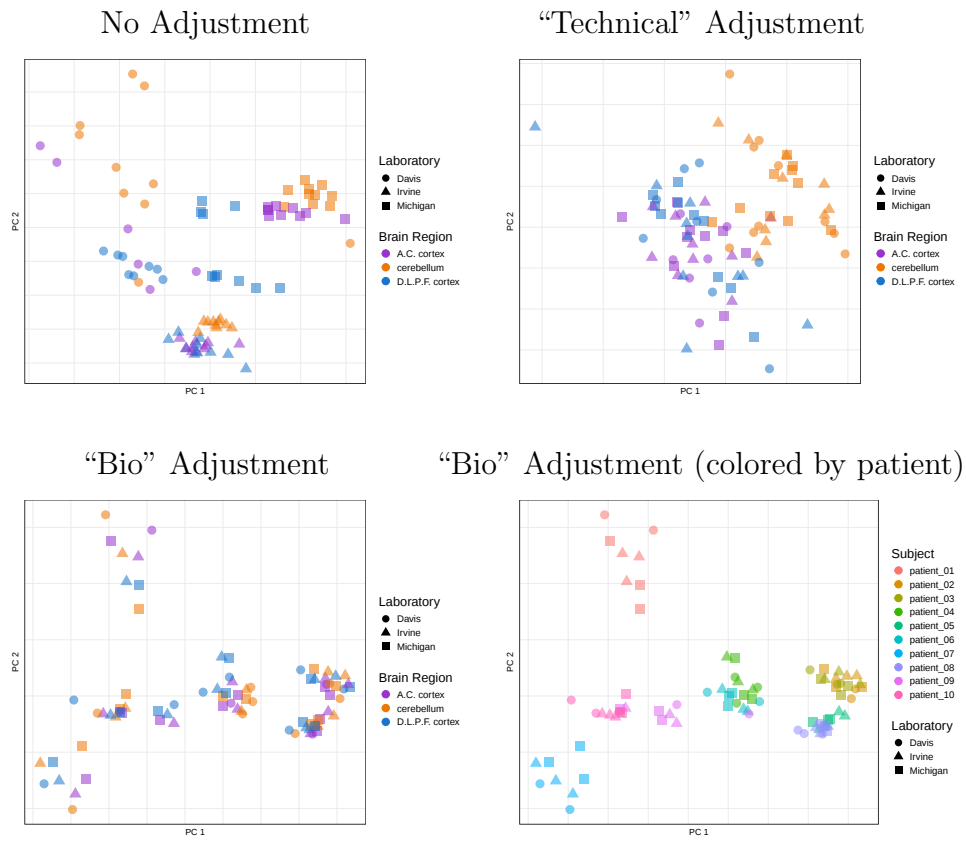


Figure S10: Like Figure 4, but with $k = 20$.

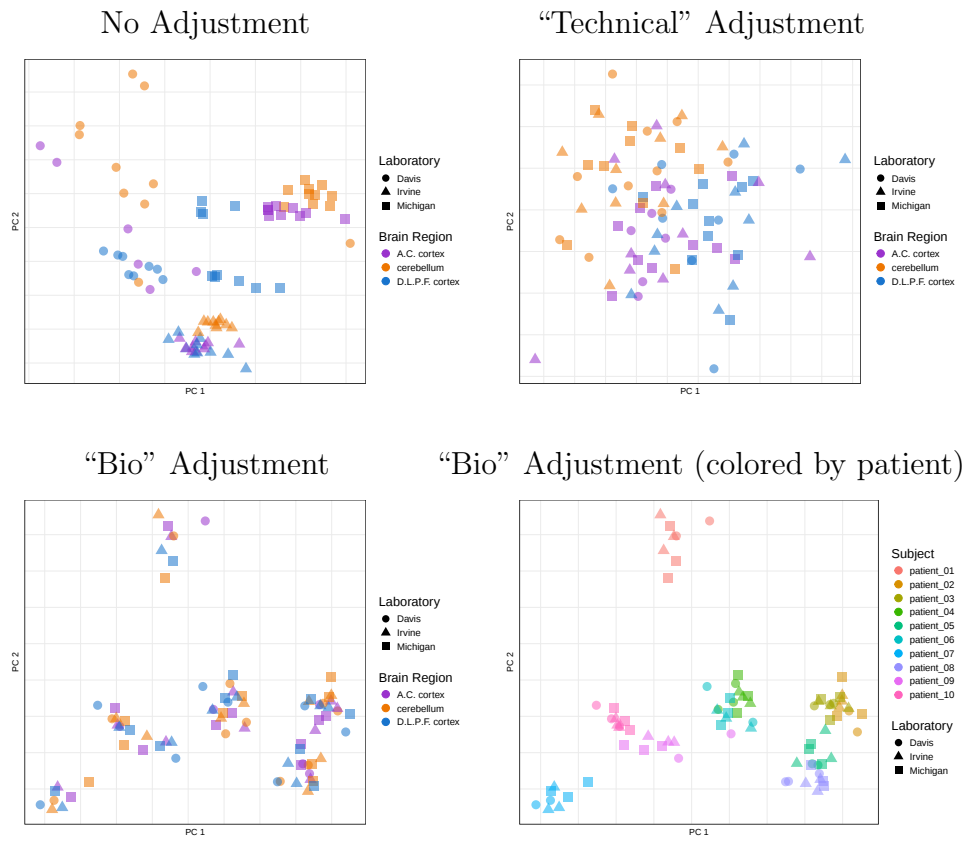
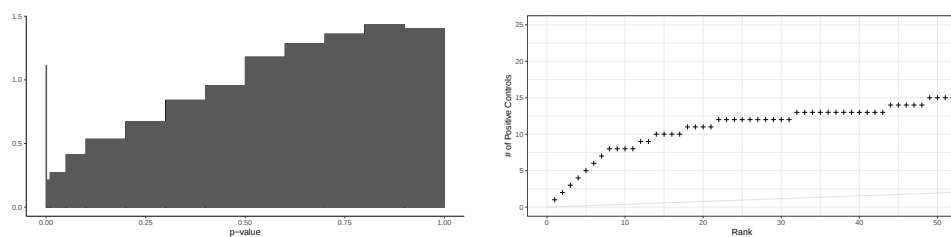
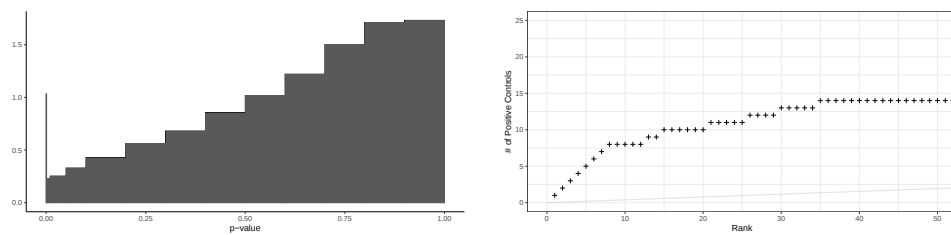


Figure S11: Like Figure 4, but with $k = 30$.

No Adjustment



“Technical” Adjustment



“Bio” Adjustment

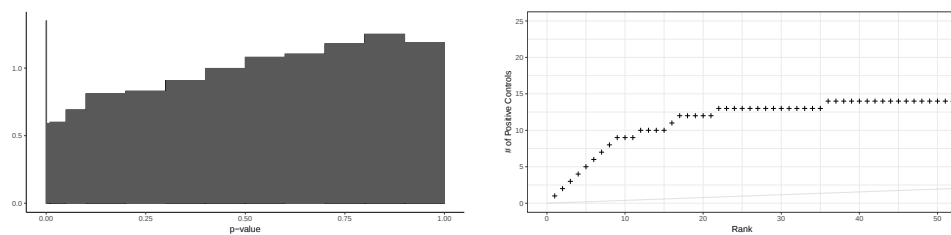
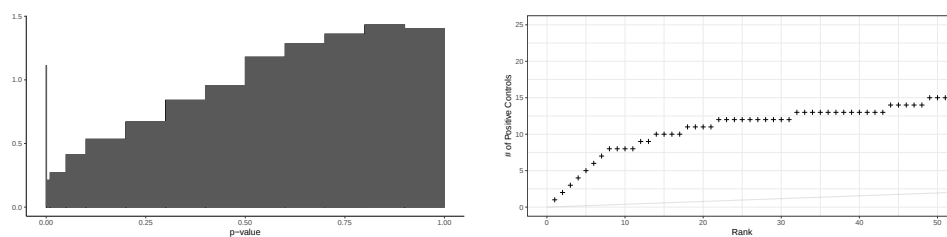
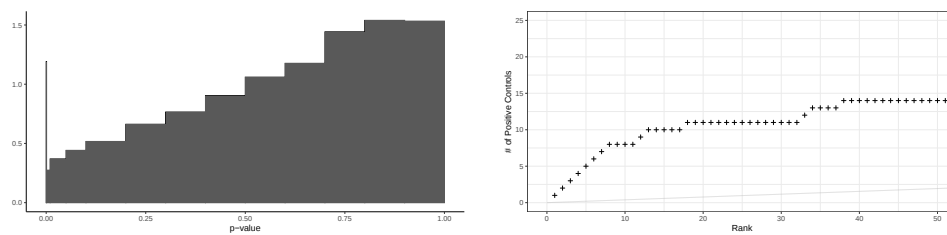


Figure S12: Like Figure 5, but with $k = 1$.

No Adjustment



“Technical” Adjustment



“Bio” Adjustment

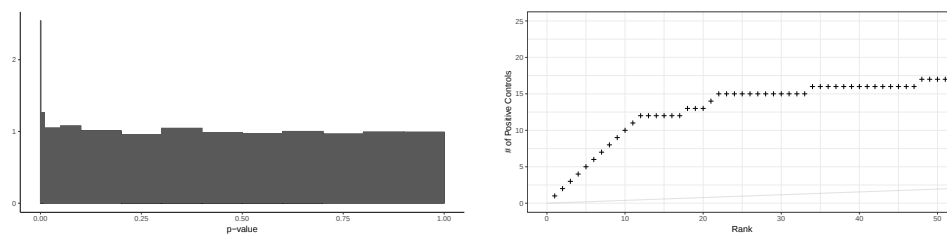
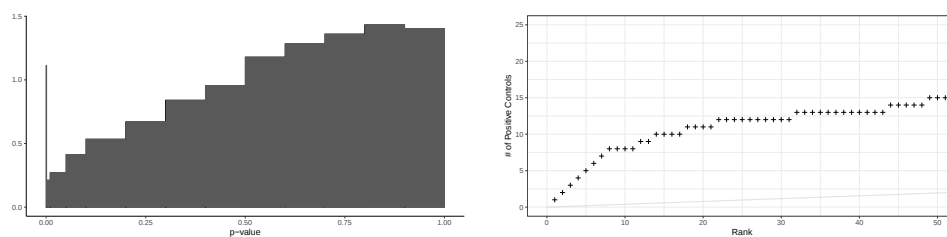
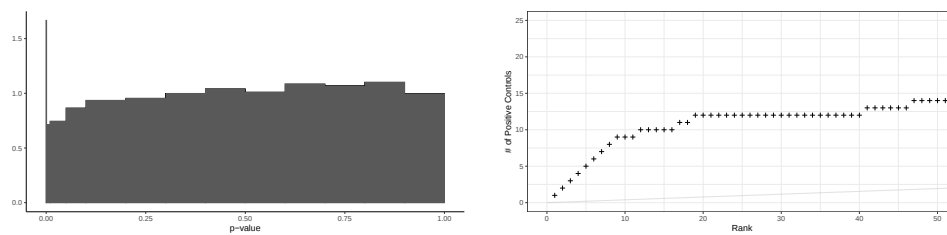


Figure S13: Like Figure 5, but with $k = 2$.

No Adjustment



“Technical” Adjustment



“Bio” Adjustment

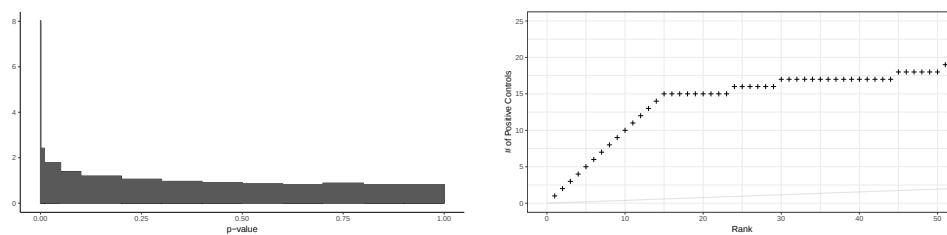
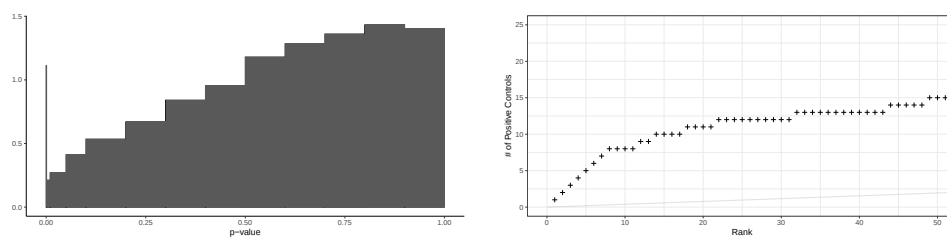
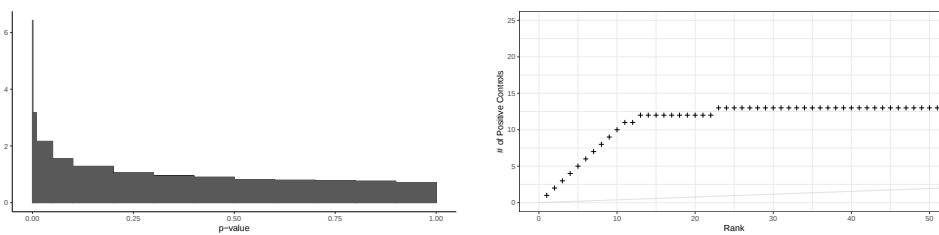


Figure S14: Like Figure 5, but with $k = 5$.

No Adjustment



“Technical” Adjustment



“Bio” Adjustment

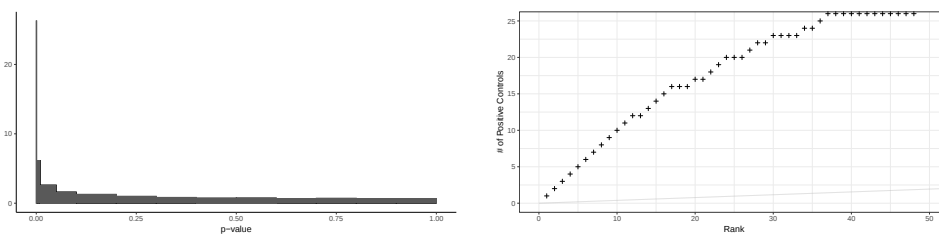
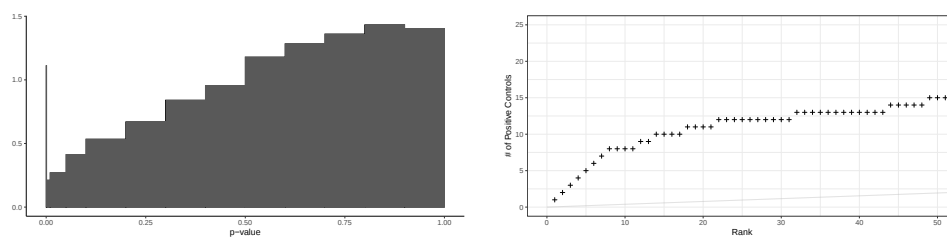
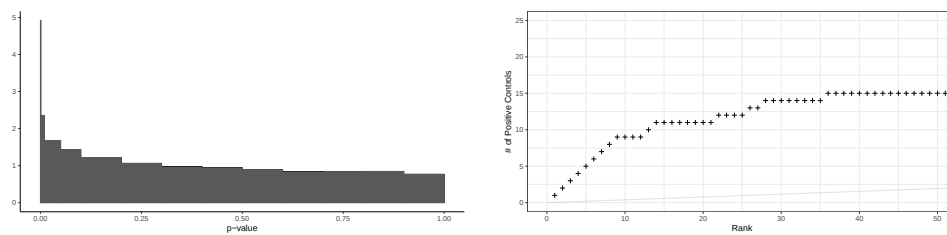


Figure S15: Like Figure 5, but with $k = 15$.

No Adjustment



“Technical” Adjustment



“Bio” Adjustment

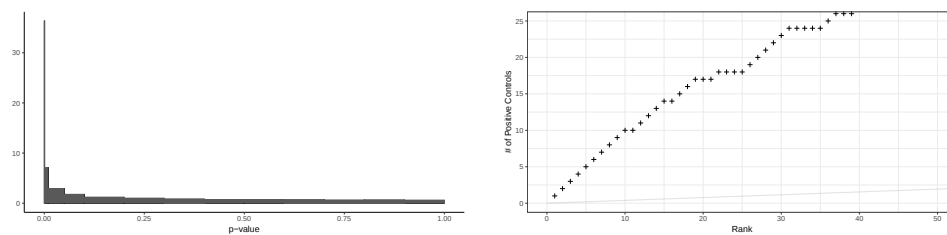
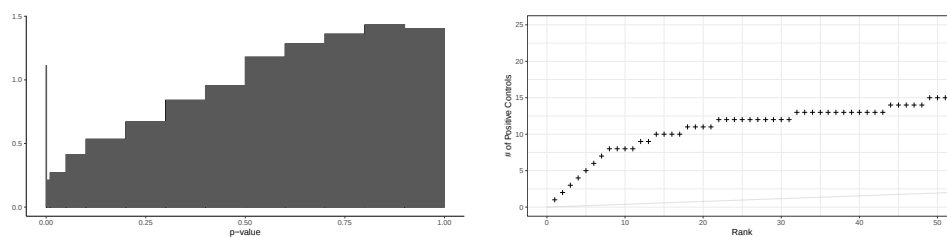
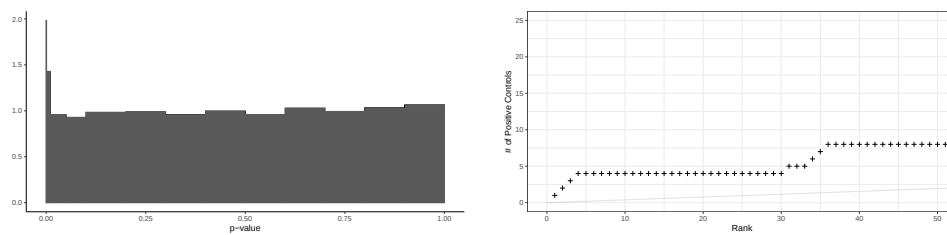


Figure S16: Like Figure 5, but with $k = 20$.

No Adjustment



“Technical” Adjustment



“Bio” Adjustment

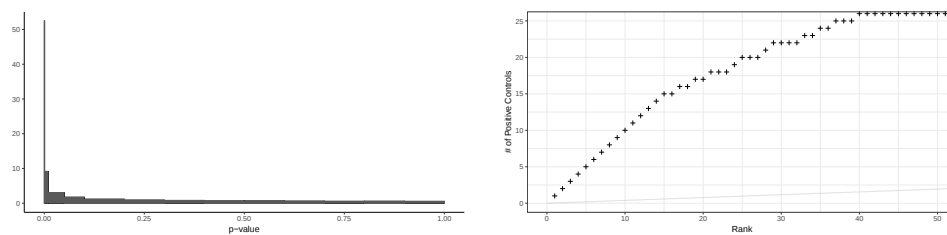


Figure S17: Like Figure 5, but with $k = 30$.

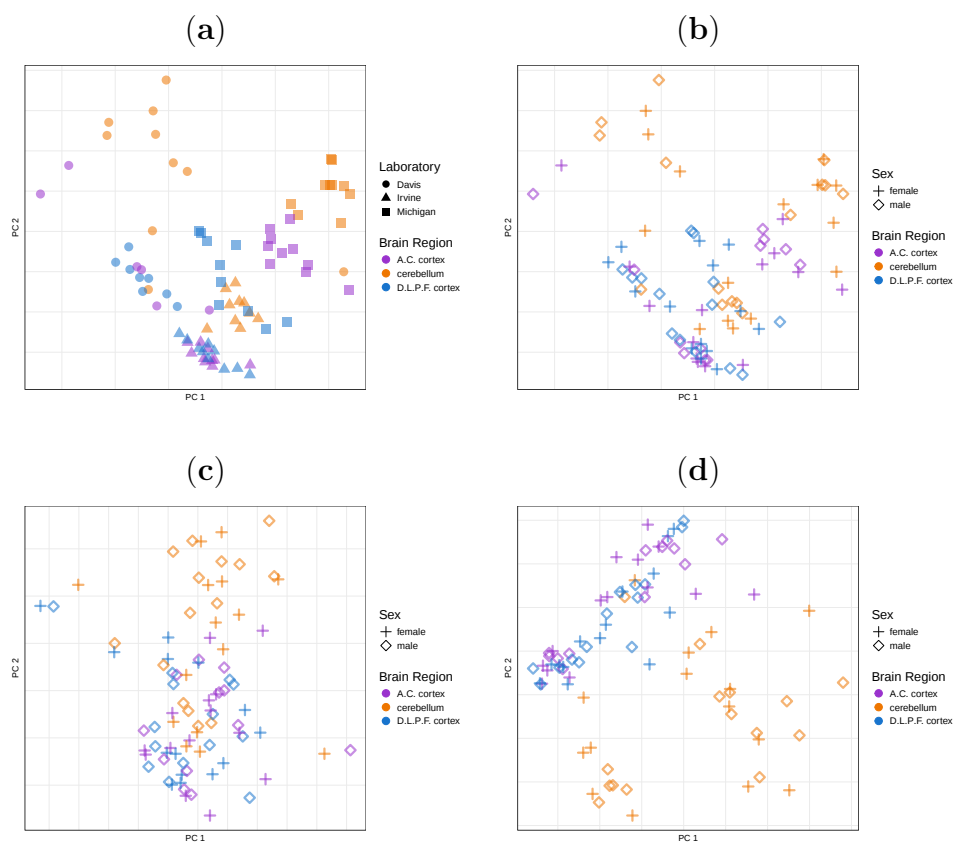


Figure S18: Like Figure 6, but with $k = 1$.

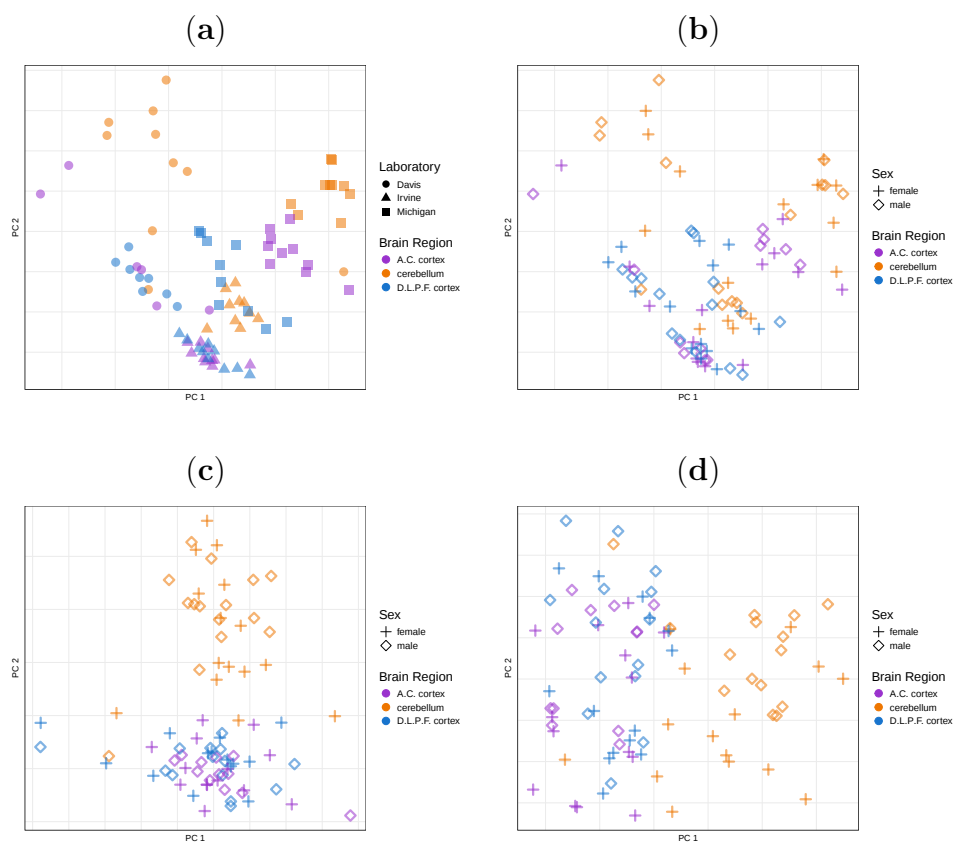


Figure S19: Like Figure 6, but with $k = 2$.

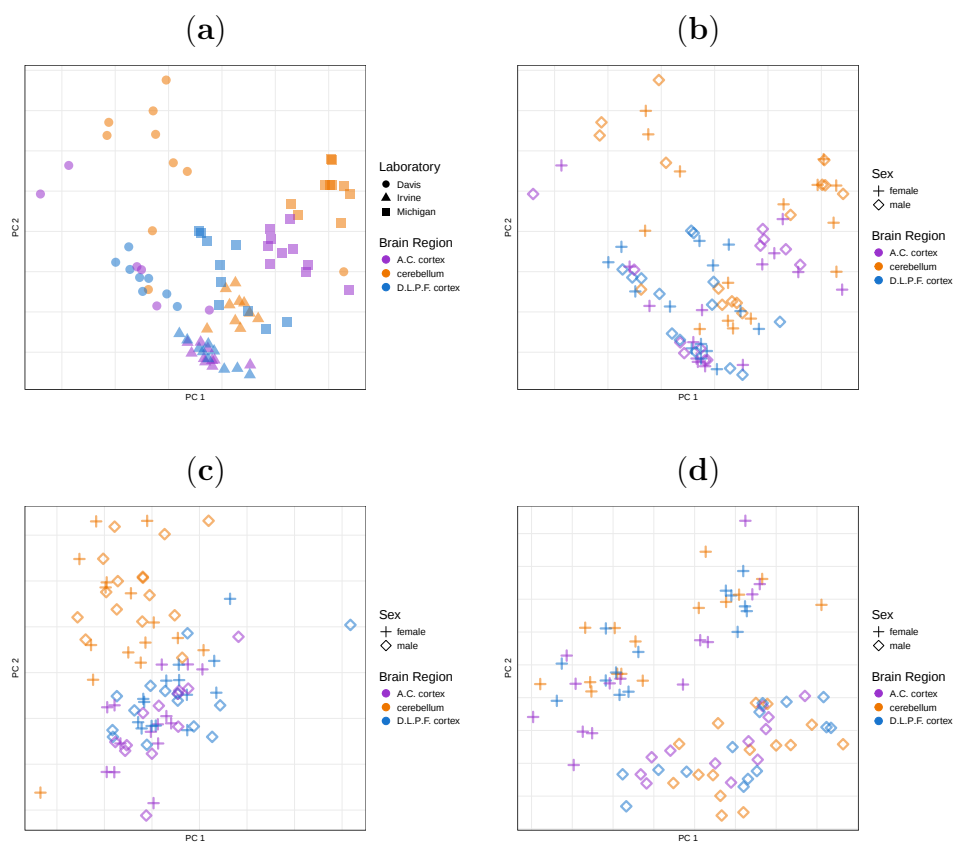


Figure S20: Like Figure 6, but with $k = 5$.

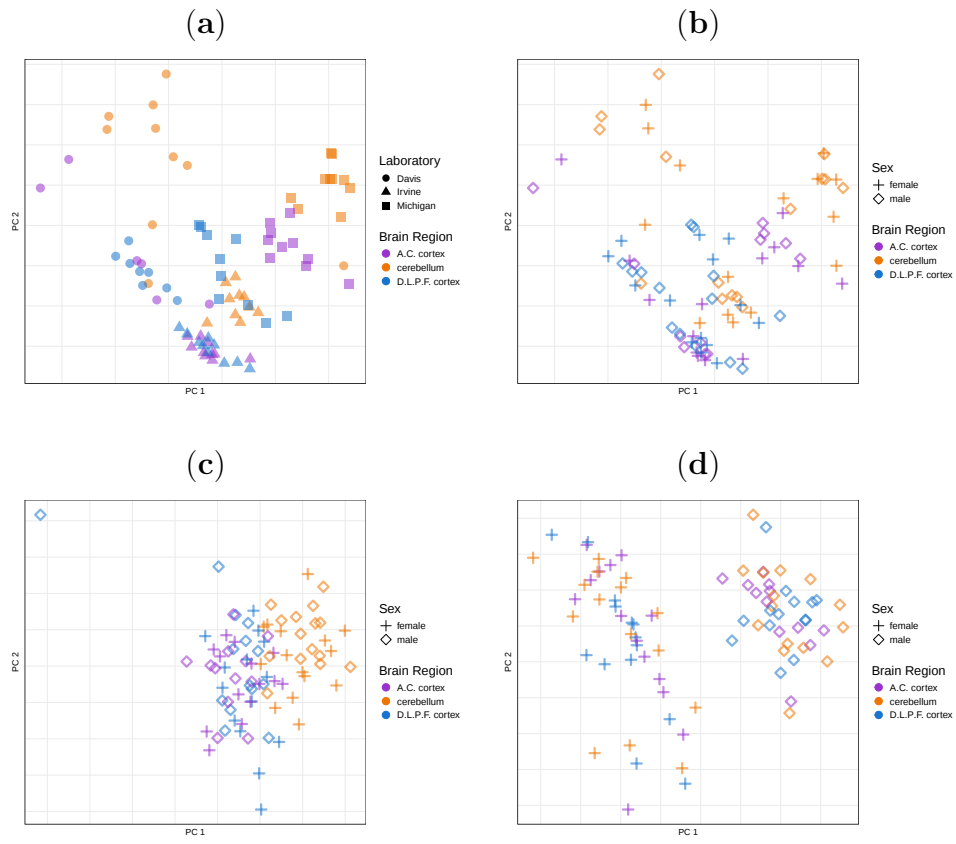


Figure S21: Like Figure 6, but with $k = 15$.

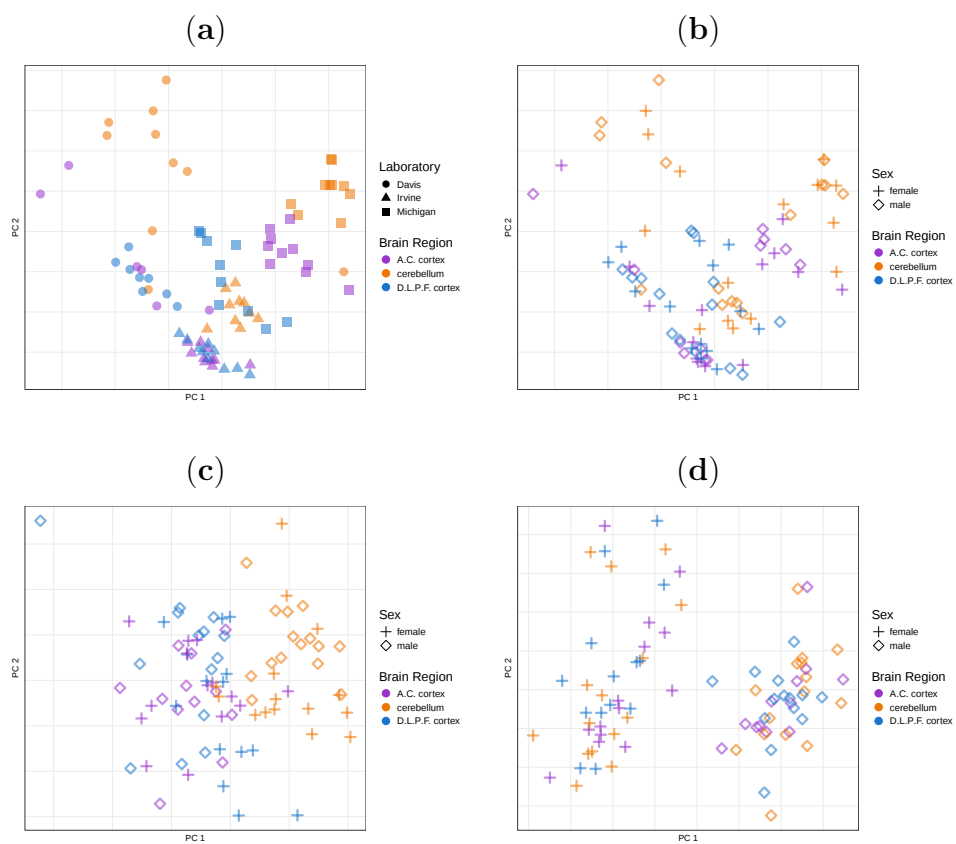


Figure S22: Like Figure 6, but with $k = 20$.

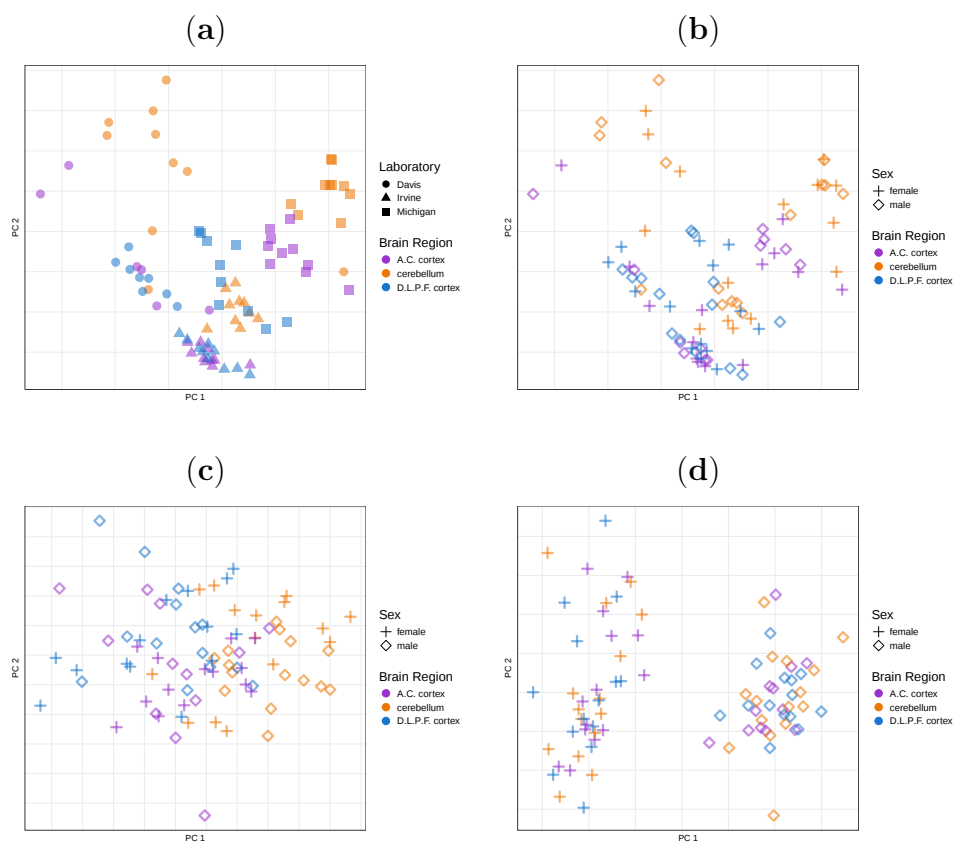


Figure S23: Like Figure 6, but with $k = 30$.