

Supplementary materials

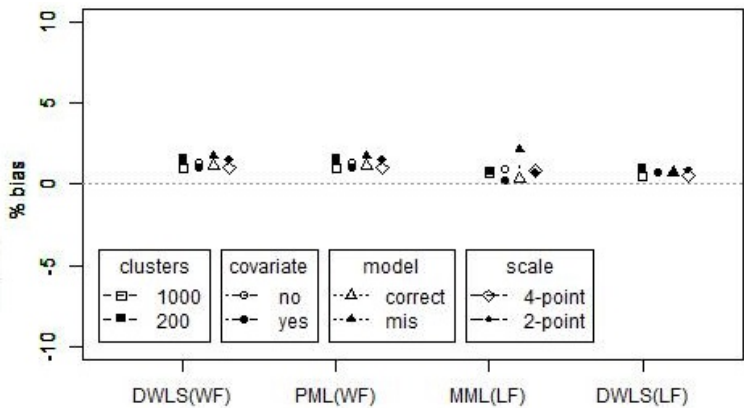


Figure 1: Bias of within factor loadings in unbalanced data.

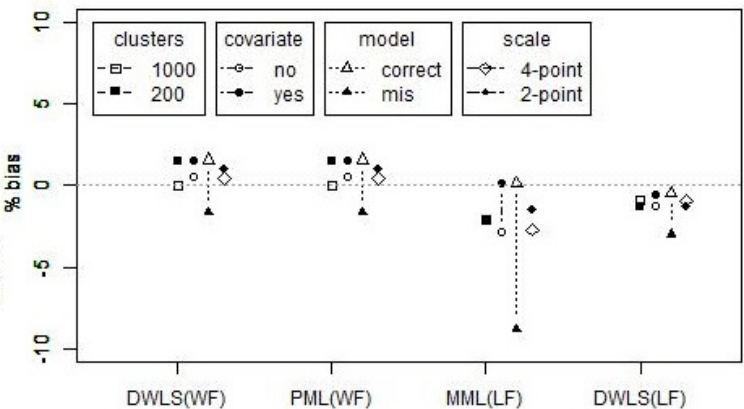


Figure 2: Bias of between factor loadings in unbalanced data.

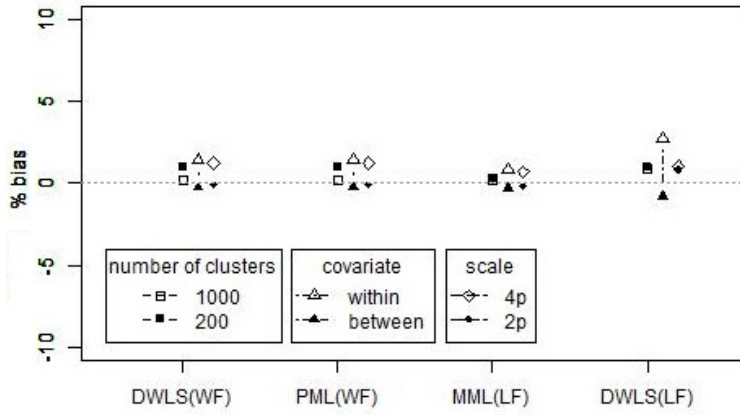


Figure 3: Bias of covariate regression coefficients in balanced data.

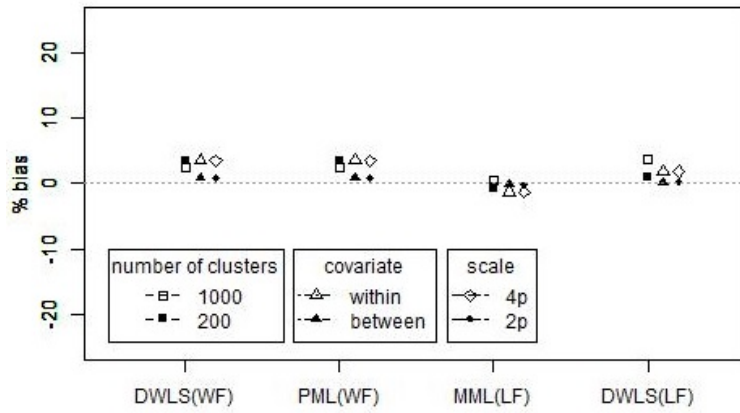


Figure 4: SE bias of covariate regression coefficients in balanced data.

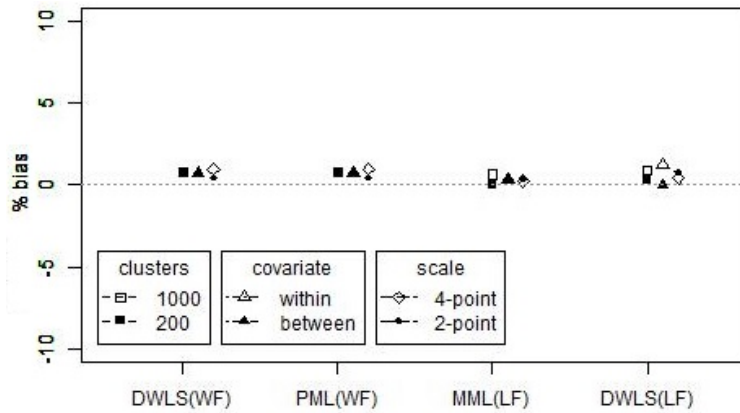


Figure 5: Bias of covariate regression coefficients in unbalanced data.

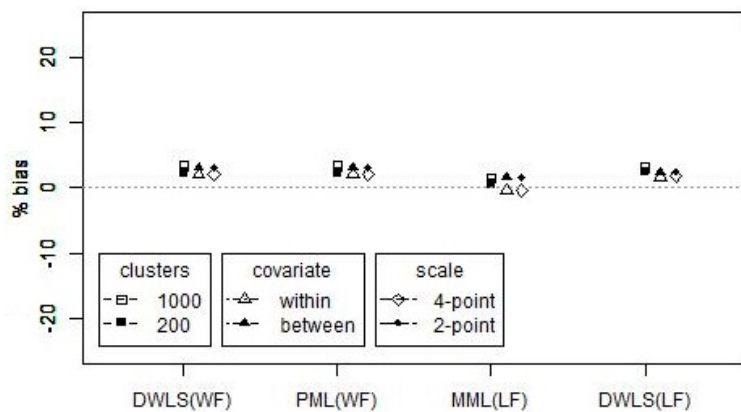


Figure 6: SE bias of covariate regression coefficients in unbalanced data.

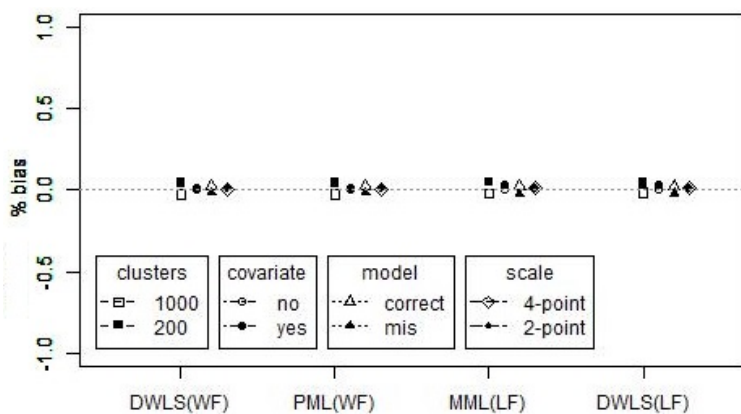


Figure 7: Bias of thresholds in balanced data.

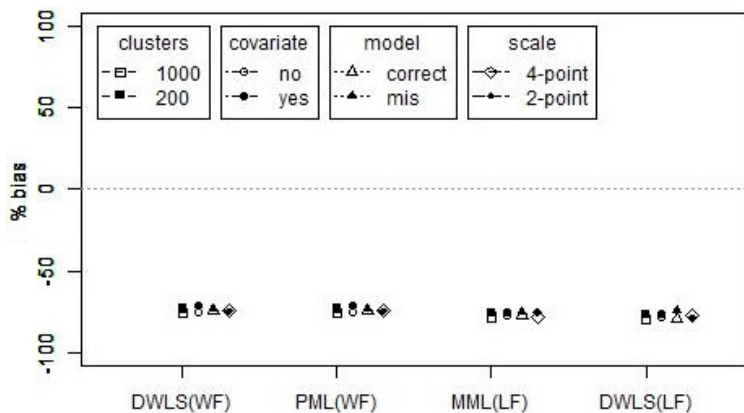


Figure 8: SE bias of thresholds in balanced data.

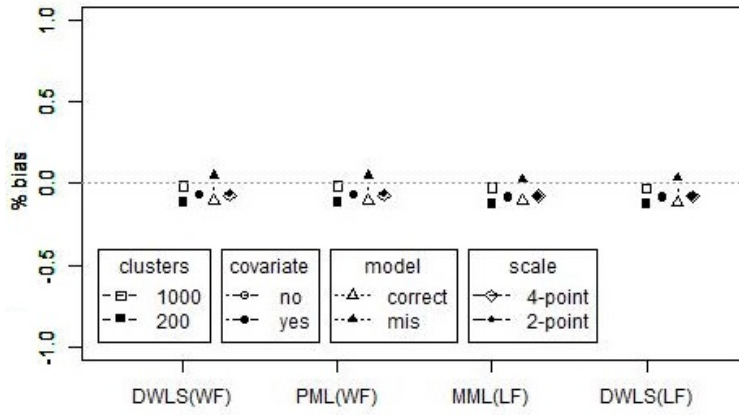


Figure 9: Bias of thresholds in unbalanced data.

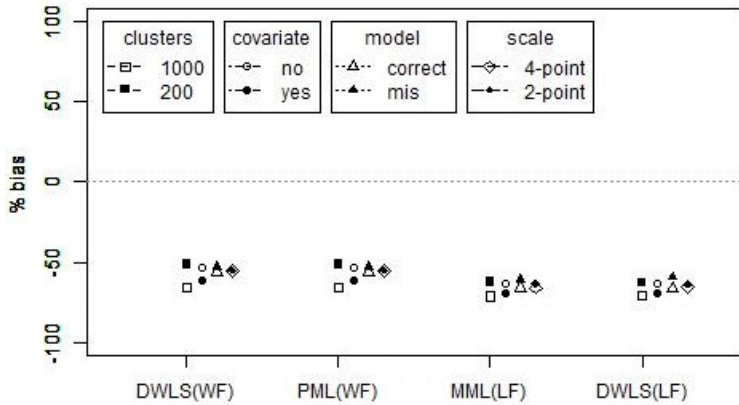


Figure 10: SE bias of thresholds in unbalanced data.