Comparing Polysomnography, Actigraphy, and Sleep Diary in the Home Environment:
The Study of Women’s Health Across the Nation Sleep Study

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Supplementary Figure 1A-E. Residual and model fit statistics for each sleep outcome.

Figure 1A. Residual-based Model Statistics for Time in Bed (TIB).

Studentized Residuals for TIB

Residual Statistics
- Observations: 2616
- Minimum: -3.034
- Mean: -97E-5
- Maximum: 5.5152
- Std Dev: 0.9829

Fit Statistics
- Objective: 26615
- AIC: 26629
- AICc: 26629
- BIC: 26655
**Figure 1B.** Residual-based Model Statistics for Total Sleep Time (TST).
Figure 1C. Residual-based Model Statistics for Sleep Latency (SL).

Studentized Residuals for SL

Residual Statistics
- Observations: 2617
- Minimum: -3.24
- Mean: -0.003
- Maximum: 3.5105
- Std Dev: 1.0016

Fit Statistics
- Objective: 7537.2
- AIC: 7551.2
- AICC: 7551.2
- BC: 7577.1
Figure 1D. Residual-based Model Statistics for Wake After Sleep Onset (WASO).
Figure 1E. Residual-based Model Statistics for Sleep Efficiency (SE).

Studentized Residuals for SE

Residual Statistics
- Observations: 2607
- Minimum: -4.634
- Mean: -0.006
- Maximum: 3.3181
- Std Dev: 0.9949

Fit Statistics
- Objective: 4394.7
- AIC: 4408.7
- AICC: 4408.7
- HC: 4434.6