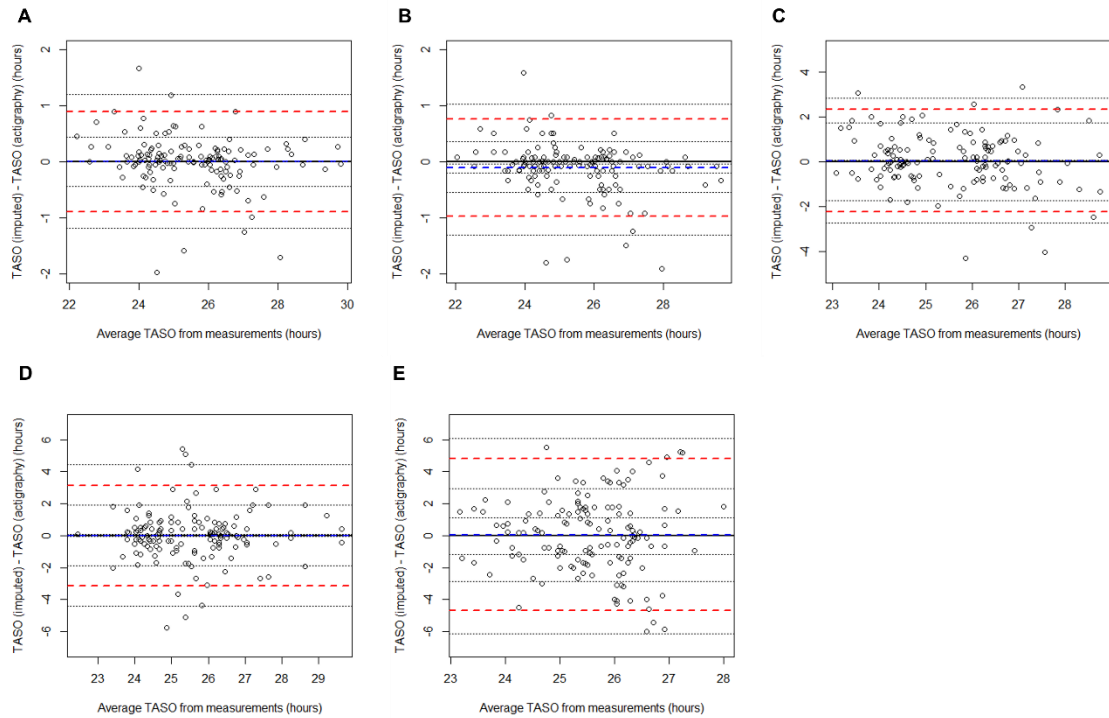
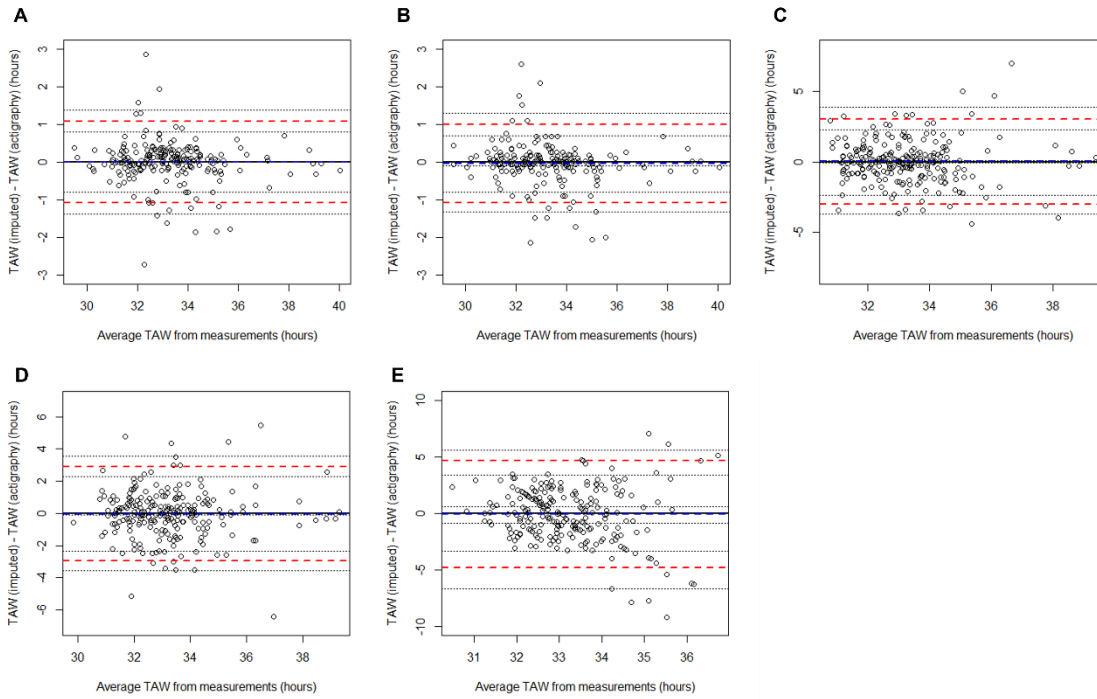


Appendix 6.2

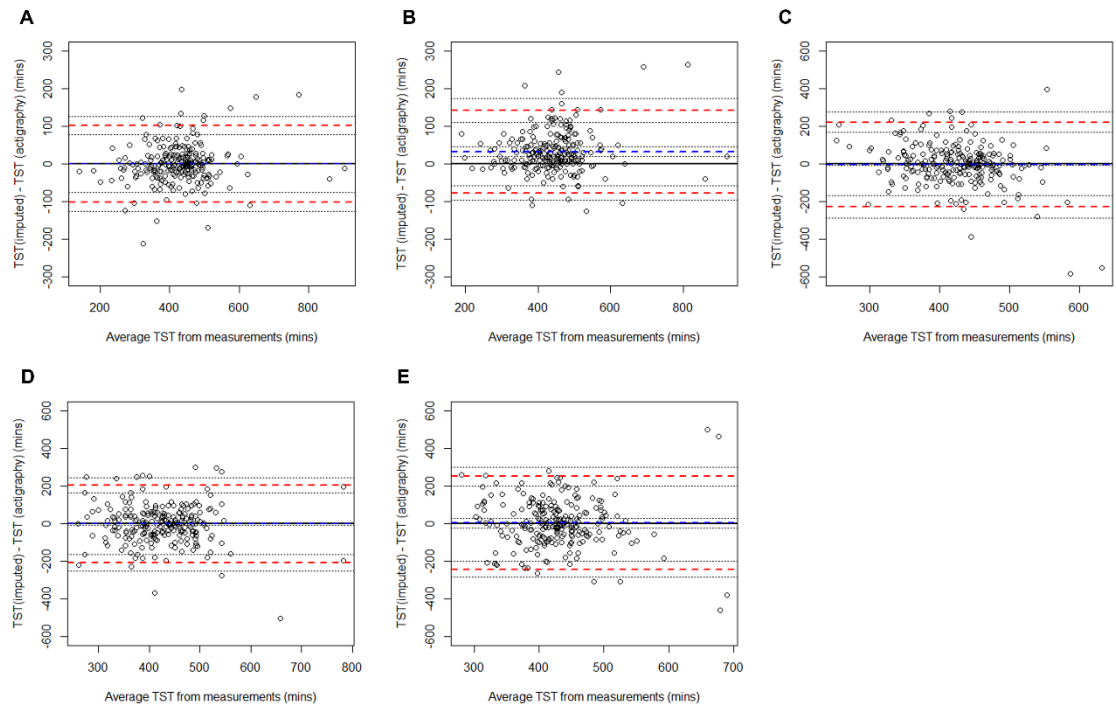
Bland-Altman plots for sleep variables considered and within the days of data available (per participant) considered.



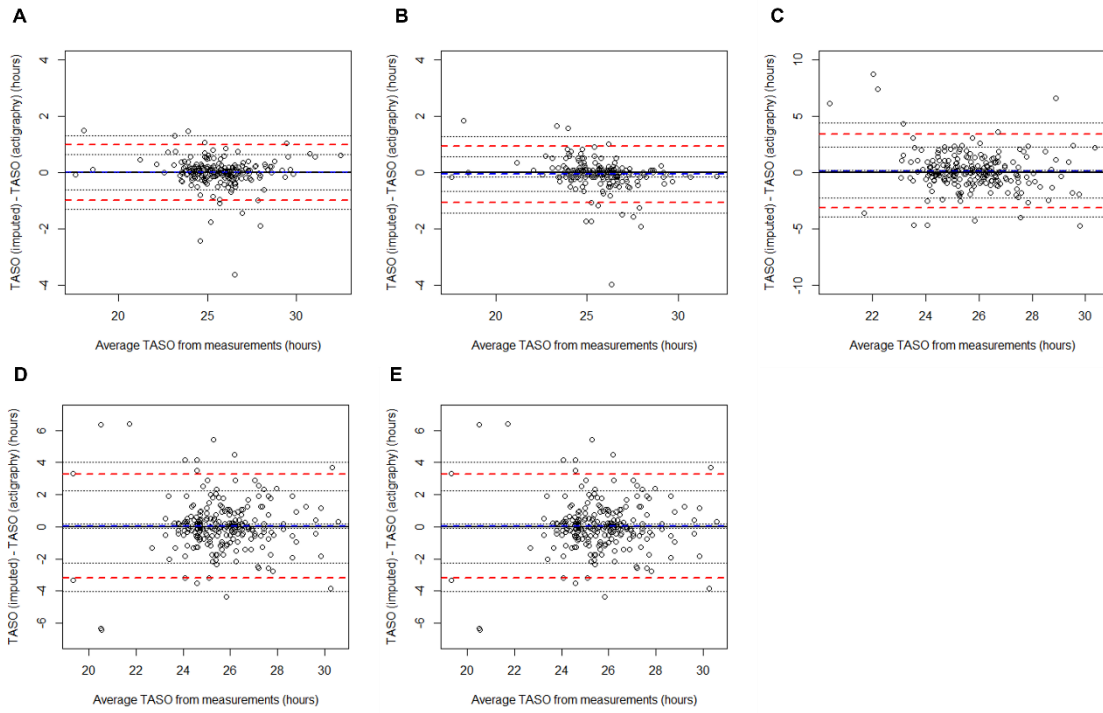
Appendix Figure 6.2a. Bland-Altman Plots displaying the agreement between actigraphy-derived Time at Sleep Onset (TASO) values, and values derived from the five considered imputation approaches: A. *Diary ± Individual Bias*, B. *Diary Only*, C. *Proximity Imputation*, D. *WP Hot Deck*, and E. *BP Hot Deck*. Blue dashed line represent the mean for TASO (imputed) minus TASO (actigraphy-derived). Red dashed lines represent 95% Confidence Limits. Black dotted lines represent the 95% bootstrap confidence intervals for these values. For every imputed value, 13 days of data from the participant who's data is being imputed was available.



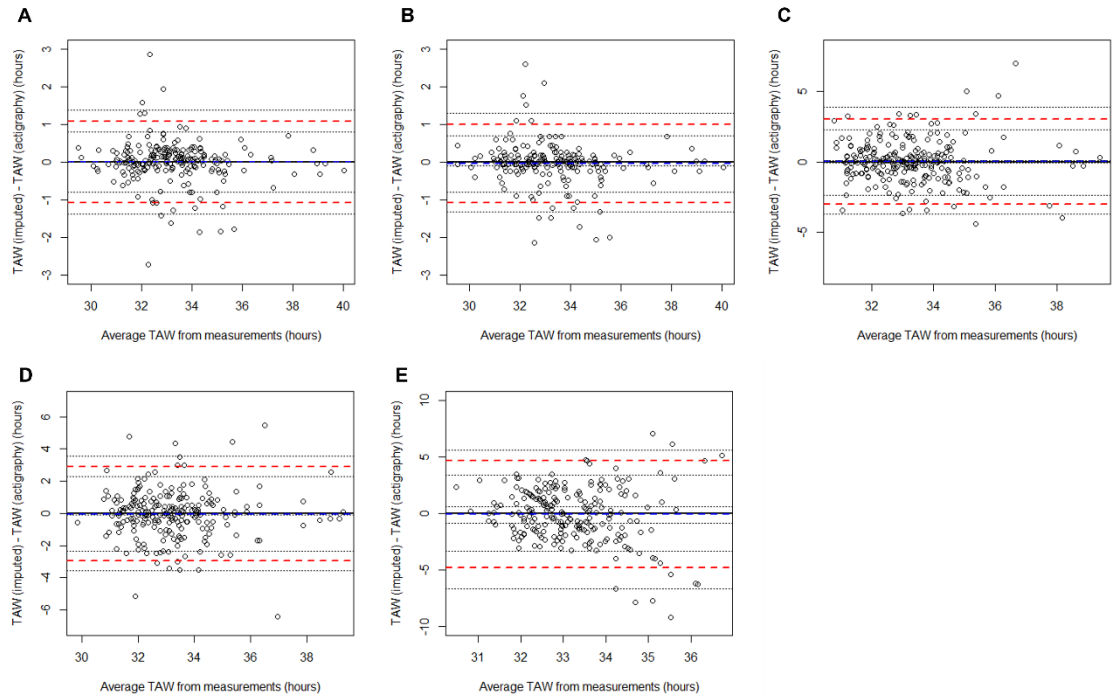
Appendix Figure 6.2b. Bland-Altman Plots displaying the agreement between actigraphy-derived Time at Wake (TAW) values, and values derived from the five considered imputation approaches: A. *Diary \pm Individual Bias*, B. *Diary Only*, C. *Proximity Imputation*, D. *WP Hot Deck*, and E. *BP Hot Deck*. Blue dashed line represent the mean for TAW (imputed) minus TAW (actigraphy-derived). Red dashed lines represent 95% Confidence Limits. Black dotted lines represent the 95% bootstrap confidence intervals for these values. For every imputed value, 13 days of data from the participant who's data is being imputed was available.



Appendix Figure 6.2c. Bland-Altman Plots displaying the agreement between actigraphy-derived Total Sleep Time (TST) values, and values derived from the five considered imputation approaches: A. *Diary \pm Individual Bias*, B. *Diary Only*, C. *Proximity Imputation*, D. *WP Hot Deck*, and E. *BP Hot Deck*. Blue dashed line represent the mean for TST (imputed) minus TST (actigraphy-derived). Red dashed lines represent 95% Confidence Limits. Black dotted lines represent the 95% bootstrap confidence intervals for these values. For every imputed value, 10 days of data from the participant who's data is being imputed was available.



Appendix Figure 6.2d. Bland-Altman Plots displaying the agreement between actigraphy-derived Time at Sleep Onset (TASO) values, and values derived from the five considered imputation approaches: A. *Diary \pm Individual Bias*, B. *Diary Only*, C. *Proximity Imputation*, D. *WP Hot Deck*, and E. *BP Hot Deck*. Blue dashed line represent the mean for TASO (imputed) minus TASO (actigraphy-derived). Red dashed lines represent 95% Confidence Limits. Black dotted lines represent the 95% bootstrap confidence intervals for these values. For every imputed value, 10 days of data from the participant who's data is being imputed was available.



Appendix Figure 6.2e. Bland-Altman Plots displaying the agreement between actigraphy-derived Time at Wake (TAW) values, and values derived from the five considered imputation approaches: A. *Diary \pm Individual Bias*, B. *Diary Only*, C. *Proximity Imputation*, D. *WP Hot Deck*, and E. *BP Hot Deck*. Blue dashed line represent the mean for TAW (imputed) minus TAW (actigraphy-derived). Red dashed lines represent 95% Confidence Limits. Black dotted lines represent the 95% bootstrap confidence intervals for these values. For every imputed value, 10 days of data from the participant who's data is being imputed was available.