

## Supplementary Material

### Predictors of Objectively Measured Physical Activity in 12 month-Old Infants: A Study of Linked Birth Cohort Data with Electronic Health Records

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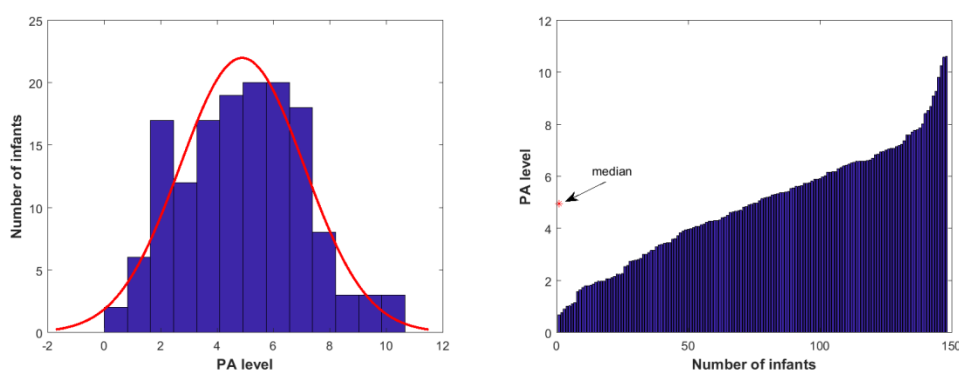
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sTable 1. More demographics of the infants in this study

Characteristic	Value
Average age of infant (in weeks) when wearing accelerometers	66.98
Number of crawling infants	44
Number of infants in daycare*	11
Days of infants wearing accelerometers	6.94
Number of infants without siblings	36

\*Infants were cared for by registered or unregistered childminder, workplace/college nursery/crèche, local authority nursery/crèche, or private nursery/crèche.



sFigure 1: The PA accelerometry data: (left) Distribution of PA levels; (right) PA levels in ascending order

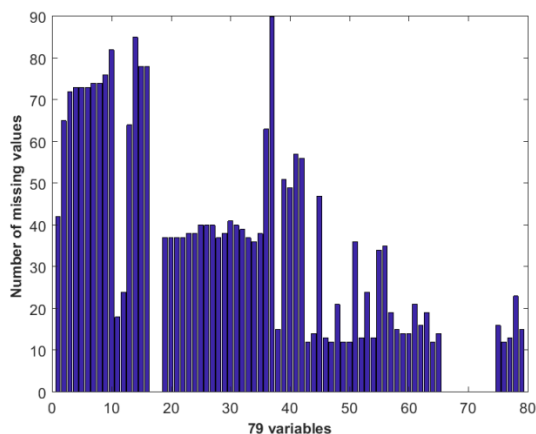


Figure 2: Distribution of numbers of missing values across the studied variables.

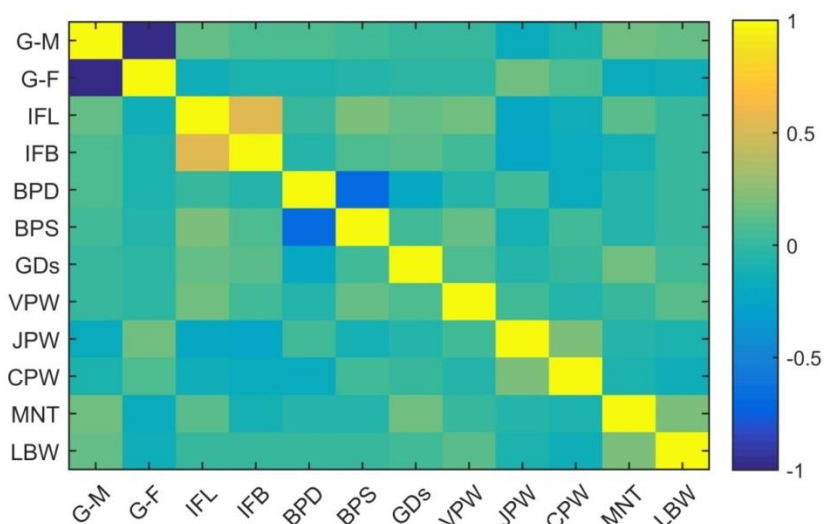
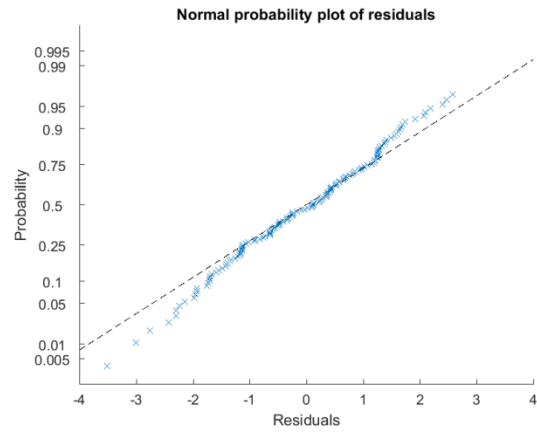
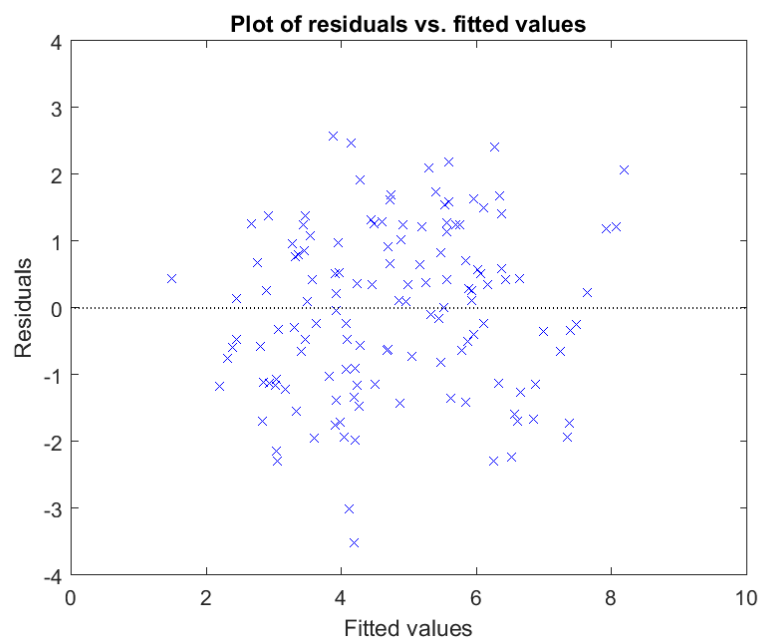


Figure 3: Pearson correlation coefficient heat map. Correlations are scaled by the colour of the corresponding cell and the variables considered for the multivariable linear regression model are represented in the same order on the x- and y-axes. Gender-male (G-M), Gender-female (G-F), infant length (IFL), infant biceps (IFB), blood pressure diastolic (BPD), blood pressure systolic (BPS), gestation period in days (GDs), vegetable per week (VPW), juice per week (JPW), adult crisp packets per week (CPW), movement during night-time (MNT), length on breastfeeding in weeks (LBW).



sFigure 4: Normal probability plot of the residuals of the fitted model.



sFigure 5: Homoscedasticity of the residuals in the regression analysis