

Appendix Figure 2. Distribution of difference between estimated and self-reported daily work hours.

(a) Estimated vs. self-reported – estimated daily work hours. The residuals tend to decrease as estimated work hours increase, indicating over-estimation (under-estimation) when the predicted value is large (small). The off-diagonal lines in PGY2 and PGY3 correspond to the outlier groups discussed in Fig 2. (b) The average (blue line) and 95% confidence interval (shaded blue area) of the estimation error (self-reported – estimated daily work hours) for each individual. Note that 20 PGY1, 3 PGY2, and 6 PGY3 with no self-reported data were excluded from this analysis. For most individuals, the proposed computational method underestimates daily work hours.

