



S1 Fig Boxplots of MVPA time, moderate time and vigorous time per measurement method and session. Δ = the mean difference between both methods per session (tested for significance using the Wilcoxon signed rank sum test); r = the Spearman correlation coefficient per session; r_m = the overall Spearman correlation adjusted for repeated measures (rm); $p_{\Delta(t)}$ = the p-value of the effect of session in the $\Delta(t)$ model which indicates if the difference between GPAQ and SenseWear measurements changes over time or sessions. Statistical significance is expressed as * $p < 0.05$, ** $p < 0.01$, and *** $p < 0.001$