



**Supplementary Figure S1** Heat map depicting correlations between variables tested using Spearman's rank correlation coefficient at T1 (Figure 3A), T2 (Figure 3B), and T3 (Figure 3C). Negative correlations are shown in red, while positive ones are presented in blue. The significant correlations ( $p < 0.05$ ) are highlighted in yellow. WMI = Working Memory Index, PSI = Processing Speed Index, ADSL = General Depression Scale, OI = total score of Oldenburg Inventory, and PSQ = total score of Perceived Stress Questionnaire.