

Table 2 Spearman correlations between smartphone use, cognitive and motor performance

Variable	SAS-SV score [ρ (95% CI)]	P	SUD (min/d) [ρ (95% CI)]	P
Cognitive performance				
SRT (ms)	-0.12 (-0.22, -0.02)	0.044	-0.11 (-0.21, 0.01)	0.072
CRT (ms)	-0.18 (-0.28, -0.08)	0.003	-0.19 (-0.29, -0.09)	0.002
Accuracy (errors)	0.33 (0.23–0.43)	<0.001	0.34 (0.24–0.44)	<0.001
Motor performance				
FBT (falls/min)	0.38 (0.28–0.47)	<0.001	0.45 (0.36–0.53)	<0.001
DH grip (kg)	-0.15 (-0.25, -0.05)	0.013	-0.19 (-0.29, -0.09)	0.002
NDH grip (kg)	-0.15 (-0.25, -0.05)	0.015	-0.18 (-0.28, -0.08)	0.003
30m sprint (s)	0.37 (0.27–0.47)	<0.001	0.38 (0.28–0.48)	<0.001

Nonsignificant correlations (e.g., SRT vs SUD) are retained for transparency. AS = addicted students; CI = confidence interval; CRT = choice reaction time; NAS = nonaddicted students; DH/NDH = dominant/non-dominant hand grip; FBT = Flamingo Balance Test; SAS-SV = Smartphone Addiction Scale-Short Version; SRT = simple reaction time; SUD = smartphone usage duration.