

Table 2. Correlations between race time trial, average lap time during finals with the other cycling and physical performance outcomes.

Cycling performance outcomes	Time trial		Finals average lap time	
	<i>r</i>	<i>P</i>	<i>r</i>	<i>P</i>
Part1 correlations (n = 36)				
250m track time	0.328	0.051 *	0.456	0.005 *
1000m track time	0.396	0.017 *	0.556	<0.001 *
Track fatigue index	0.237	0.163	0.344	0.040 *
Time trial	-	-	0.684	<0.001 *
Fastest lap during race	0.690	<0.001 *	0.913	<0.001 *
Heats average lap time	0.628	<0.001 *	0.876	<0.001 *
Finals average lap time	0.684	<0.001 *	-	-
Heats fatigue index	-0.018	0.917	0.062	0.718
Finals fatigue index	-0.045	0.794	0.167	0.331
Part2 correlations (n = 9)				
Time trial	-	-	0.672	0.068
Fastest lap during heats	0.649	0.081	0.932	0.001 *
Heats average lap time	0.508	0.199	0.659	0.075
Heats fatigue index	-0.332	0.422	-0.533	0.173
Fastest lap during finals	0.818	0.013 *	0.940	0.001 *
Finals average lap time	0.672	0.068	-	-
Finals fatigue index	0.116	0.785	0.729	0.040 *
Laps number during finals	-0.480	0.228	-0.325	0.432
Maximal aerobic power	-0.789	0.020 *	-0.441	0.274
Maximal heart rate	-0.163	0.700	0.074	0.862
VO _{2max}	-0.750	0.032 *	-0.584	0.128
Counter Movement Jump	-0.248	0.553	-0.428	0.290
Concentric KE torque	-0.331	0.423	-0.445	0.268
Eccentric KE torque	-0.435	0.281	-0.678	0.065
Concentric KF torque	-0.546	0.161	0.028	0.947
Eccentric KE torque	-0.277	0.506	0.255	0.541
Pedaling frequency decrease	-0.686	0.061	-0.368	0.370

*: P < 0.05