

Table S1. Correlation between muscle oxygen desaturation and re-saturation variables with workload variables during repeated-sprint ability in women soccer players.

Variables of SmO ₂	Worst Time	Best Time	Mean Time	Max Power	Min Power	Mean Power	Fatigue Index	Heart Rate (ppm)	%Heart Rate Max	Speed (Km/h)	% Individual Speed	Efficiency Index
SmO ₂ desaturation	0.401	0.162	231	-0.262	-0.434	-0.302	0.186	168	0.026	-0.251	0.156	-0.241
SmO ₂ re-saturation	0.505 *	0.195	364	-0.348	-0.576 *	-0.426	0.234	132	-0.076	-0.374	-0.311	-0.319
Muscle Oxygen desaturation _{rate}	0.745**	127	507*	-0.377	-0.654 *	-0.524 *	0.670 *	-0.044	-0.356	-0.479	-0.597 *	-0.324
Muscle Oxygen re-saturation _{rate}	-0.779 **	-0.177	-568 *	0.409	0.675 *	0.560 *	-0.696 **	0.054	0.357	0.538 *	0.625 *	-0.373
∇%SmO ₂	0.558*	0.162	0523 *	-0.268	-0.443	-0.422	0.635 *	-298	-397	-0.479	-0.609 **	-0.165

Statistical analysis of Pearson correlation and interpreted as follows: trivial (0.00–0.09), small (0.10–0.29), moderate (0.30–0.49), * large (0.50–0.69), ** very large (0.70–0.89), *** nearly perfect (0.90–0.99), and perfect (1.00).