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Factors that influence running intensity in interchange players in professional rugby league

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Table. 1: List of individual, match-play and contextual covariates included in the models. The levels are representative of the hierarchical structure of the model, including a level 2 random factor (player) and level 1 dependent variables and the corresponding covariates.

Level of Data	Variable	Data	Classification
Level 2	Cluster of units (random factor)	<i>Player</i>	
Level 1	Unit of analysis	<i>Individual bout</i>	
	Dependent Variables	Relative distance	Continuous
		Power	Continuous
	Covariates	IFT	Continuous*
		Duration	Continuous* Mins
		Location	Dummy Home, away
		Turnaround	Dummy Short, long
		Season phase	Dummy Early, mid, late
		Opposition strength	Dummy Strong, average, weak
		Result	Dummy Won, lost
		Time out of play	Continuous* Mins
		Tackles received	Continuous Number
		Tackles made	Continuous Number
		Time in possession	Continuous* Mins
		Opposition form	Continuous Number
		Points difference	Continuous Number

IFT = Intermittent Fitness Test final velocity; *Grand mean centered variable.