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Opar, David A., Williams, Morgan, Timmins, Ryan, Hickey, Jack, [Duhig, Steven](#), & [Shield, Anthony](#)

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Eccentric hamstring strength and hamstring injury risk in Australian footballers.

*Medicine & Science in Sports & Exercise*, 46.

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Table 3. Logistic regression model outputs and receiver operator characteristic curve data using previous hamstring strain injury (HSI), age and eccentric strength at the start of preseason as input variables.

		ChiSquare	p	AUC	Sensitivity	1 - Specificity
Model 1	Whole Model	9.69	0.021	0.674	0.5185	0.1887
	Prior HSI	1.83	0.176			
	Start of preseason eccentric strength <sup>#</sup>	7.23	0.007			
	Prior HSI x Start of preseason eccentric strength <sup>#</sup>	0.69	0.406			
Model 2	Whole Model	11.51	0.009	0.625	1.000	0.748
	Start of preseason eccentric strength <sup>#</sup>	7.15	0.008			
	Age	0.38	0.536			
	Age x Start of preseason eccentric strength <sup>#</sup>	5.00	0.025			

<sup>#</sup>Start of preseason eccentric strength determined as the average of both left and right limb forces.  
AUC, area under the curve.