Supplemental material

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Br J Sports Med

Supplementary Appendix for the paper

The genetic contribution to anterior cruciate ligament rupture

by Magnusson et al., 2020

Contents:

Figure S1. Number of twins with the included ICD-9 codes (844C) and ICD-10 codes (S83.7, S83.5, S83.5R, S83.5S, S83.5X).

Table S1. Model fit and variance components estimates for the classical twin model for having a diagnostic code of cruciate ligament injury in the Swedish Twin Registry.
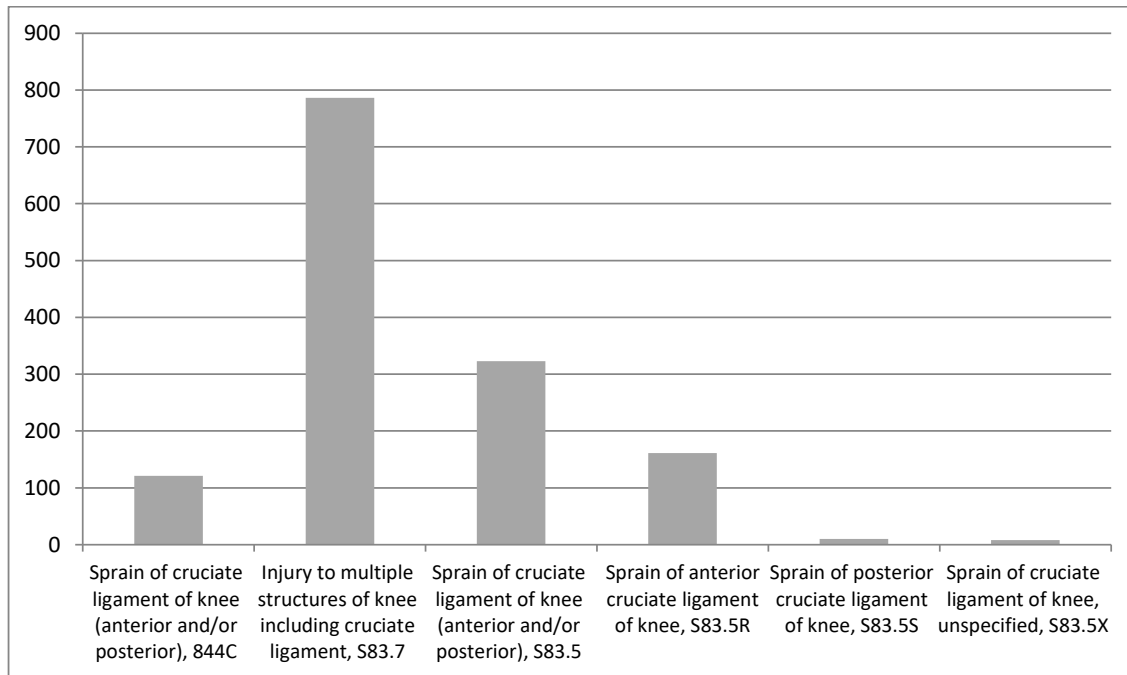
Variance components estimates					
Model	A (95% CI)	C (95% CI)	D (95% CI)	E (95% CI)	AIC
ACE	0·64 (0·40-0·88)	0		0·36 (0·12-0·60)	3959·35
ADE	**0**		**0·69 (0·47-0·91)**	**0·31 (0·09-0·53)**	**3957·35**
AE	0·64 (0·40-0·88)			0·36 (0·12-0·60)	3958·11

A: Additive genetic factors, C: Common environmental factors, D: Dominant genetic factors, E: Unique environmental factors. Models compared by AIC - Akaike Information Criteria (smaller value indicates better fit).