

Supplementary File 3. Results of data extraction

Author	Year	Female ACL	Male ACL	Total females	Total males	Female exposure (AE)	Male exposure (AE)	Exposure type	IR analysis
Agel et al	2016	71	26	165		710000	650000	AE	T, F, M, R
Beynnon et al	2014	26	9			142192	147381	PD	T, F, M, R
Caraffa et al	1996				600				
Faude et al	2005	11				17655		PH	T, F
Gilchrist et al	2008	25		1435		88139		AE	T, F
Giza et al	2005	8		202		177778		PH	T, F
Gwinn et al	2000	22	31			39505	175628	AE	T, F, M, R
Hagglund et al	2009	8	8	228	239	27078	35681	PH	T, F, M, R
Heidt et al	2000			300					
Hewett et al	1999	2	1			13534	8513	AE	T, F, M, R
Hootman et al	2007	411	168			1467857	1866667	AE	T, F, M, R
Joseph et al	2013	96	44			786293	914551	AE	T, F, M, R
Kiani et al	2010	5		1506		66505		PH	T, F
Krutsch et al	2016		16		408		75312	PH	T, M
LeGall et al	2008	12		119		48359		PH	T, F
Mandelbaum et al	2005	73		5703		205308		AE	T, F
Mountcastle et al	2007	51	302			409223	2196812	AE	T, F, M, R
Ostenburg and Roos	2000	3		123		4839		PH	T, F
Padua et al	2015			481	348				
Pfeiffer et al	2006	1		433		15270		AE	T, F
Quisquater et al	2013			37170	796226				
Rahnama et al	2009				390				
Soderman et al	2000	5		140		7017		PH	T, F
Stanley et al	2016	99	58			702128	950820	AE	T, F, M, R
Steffen et al	2008	9		2020		66574		PH	T, F
Steffen et al	2016			447					
Tegnander et al	2008	2		181		14810		PH	T, F
Walden et al	2011	21	49	4564	1357	139149		PH	T, F
Walden et al	2012	15	20	310	652	52389	164923	PH	T, F, M, R

IR, incidence rate; IP, incidence proportion; ACL, anterior cruciate ligament; AE, athlete-exposure; IP, incidence player-hour; PD, player-day; T, total; F, female; M, male; R, ratio; A, amateur; I, intermediate; E, elite.

IP analysis	Follow-up	Participation level
	<1 year	I
	<1 year	A, I
T, M	<1 year	
T, F	<1 year	E
T, F	<1 year	I
T, F	<1 year	E
	≥1 year	A, I
T, F, M, R	<1 year	E
T, F	≥1 year	
	<1 year	A
	<1 year	I
	<1 year	A
T, F	<1 year	A
T, M	<1 year	A, E
T, F	<1 year	E
T, F	≥1 year	
	<1 year	A, I
T, F	<1 year	E
T, F, M, R	<1 year	
T, F	<1 year	A
T, F, M, R	<1 year	
T, M	<1 year	
T, F	<1 year	E
	<1 year	
T, F	<1 year	A
T, F	<1 year	
T, F	<1 year	E
T, F	<1 year	A
T, F, M, R	<1 year	E

proportion; IR, incidence rate; PH,