







SLAK



## SUNK INCO Find your way h **Structure-Function Coupling in Aging** Aging = 1 Structure-Function coupling Blue indicates decreased coupling Sex-specific trajectories Blue indicates ↑ structure-function coupling in females Red indicates ↑ structure-function coupling in males Gu (2020). Regional structural-functional connectome coupling is heritable and associated with age, sex and cognition in adults. bioRxiv.

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Participants			Pollor dorby (PD) athlatas
Age (Years)	Age (Years)	Sport History (Current Participation*)	Roller derby (RD) attlietes
23	19	Track, Soccer, Volleyball	n = 19
24	20	Volleyball, Track	11 - 15
24	21	Gymnastics	23-45 v.o. (M = 32.1 v.o.)
26	21	Badminton, Swimming, Tennis	
26	21	Tennis, Taekwondo, Soccer	No mTBI during brain imaging
27	22	Soccer	
28	22	Volleyball*, lennis	
30	22	Cheerleading, Volleyball, Track	Control Participants
31	25	Dance, Competitive Cheer	oontroi i articipanto
32	25	No	n = 14
32	26	Basketball	
35	29	Tennis, Lacrosse, Softball, Cheerleading	20-49 y.o. (M = 24.6 y.o.)
35	49	Soccer, Field Hockey, Basketball, Lacrosse, Softball	Not compatible an example in contract on
36			Not currently engaged in contact or
40			collision sports
41			No
45			NO MIBI IN PREVIOUS 3 Yrs 8

























