

Table S2. Lateral preferences for sport-specific tasks (raw frequencies).

Type of preference	Task (Sport)	Overall						Male			Female		
		Left	NP	Right	Left	NP	Right	Left	NP	Right	Left	NP	Right
hand (unilateral)	throwing (e.g., darts, team-handball)	71	14	817	36	5	366	35	9	451			
	holding a weapon (fencing)	68	19	815	37	7	363	31	12	452			
	holding a racket (racket sports)	69	12	821	35	5	367	34	7	454			
	bowling (ninepin, tenpin bowling)	64	13	824	31	3	373	33	10	451			
hand (bilateral)	holding a cue (billiards)	90	33	777	44	8	354	46	25	423			
	batting (baseball)	123	51	724	59	18	331	64	33	393			
	holding a stick (ice hockey)	221	82	591	97	40	268	124	42	323			
	stance (boxing)	257	77	562	86	35	284	171	42	278			
	shooting orientation (golf)	187	65	645	78	27	303	109	38	342			
	shooting orientation (target shooting)	94	67	730	40	19	343	54	48	387			
foot	shooting orientation (archery)	89	36	772	39	8	359	50	28	413			
	kicking a ball (soccer)	90	67	744	49	28	329	41	39	415			
	jump off (long jump)	289	84	525	149	27	230	140	57	295			
	jump off (high jump)	556	88	252	270	34	101	286	54	151			
rotation	front foot (skateboarding, snowboarding)	362	127	411	183	60	164	179	67	247			
	rotation along vertical axis (e.g., figure skating)	378	144	375	182	76	147	196	68	228			

Note: ‘NP’ = no lateral preference