

Appendix: Significance Tests

Explanation to the Bootstrap-tests for significance:

In the second and third column of the tables, the raw values are reported. Column four contains the differences between these values. In column five the reference bca- (bias corrected and accelerated) value is reported. If for positive (negative) values of the difference, the limit is also positive (negative), then this difference is significant at the given significance level ($p=0.05$).

Table 1: Comparison of the question “Have you ever been asked to participate in a competition manipulation or a match-fixing?” (RRT1) with independent variables gender, career status, sport (winter vs. summer), sport opponent (direct vs. indirect), sport participation (single vs. team) and finance status. Overall prevalence results for this question is a: 0.0842, b: 0.0200, c: 0.8957 (N = 357).

Gender						
	Male (n=182)	Female (n=173)	Diff	low/bca	high/bca	
Honest „yes“	0.0544	0.1101	0.0557	-0.1657		ns
Cheater	0.0158	0.0223	0.0066	-0.1172		ns
Honest „no“	0.9298	0.8676	-0.0623		0.2566	ns
Career status						
	active (n=143)	finished(n=213)	Diff	low/bca	high/bca	
Honest „yes“	0.0808	0.0928	0.0120	-0.1962		ns
Cheater	0.0090	0.0306	0.0216	-0.1163		ns
Honest „no“	0.9103	0.8766	-0.0336		0.2963	ns
Sport 1 (Winter/Summer)						
	Summer (n=263)	Winter (n=72)	Diff	low/bca	high/bca	
Honest „yes“	0.1099	0.0041	-0.1057		0.0522	ns
Cheater	0.0542	0.0000	-0.0542		0.0951	ns
Honest „no“	0.8359	0.9959	0.1599	-0.0590		ns
Sport 2 (direct vs. indirect opponent)						
	direct (n=114)	indirect (n=198)	Diff	low/bca	high/bca	
Honest „yes“	0.2349	0.0000	-0.2349		0.0000	ns
Cheater	0.2386	0.0000	-0.2386		0.0000	ns
Honest „no“	0.5265	1.0000	0.4735	0.0499		*
Sport 3 (single participation vs. team)						
	Single (n=138)	Team (n=165)	Diff	low/bca	high/bca	
Honest „yes“	0.0000	0.0729	0.0729	-0.0681		ns
Cheater	0.0000	0.0434	0.0434	-0.0991		ns

	Independent (N=216)	Dependent (n=117)	Diff	low/bc α	high/bc α	
Honest „yes“	0.0093	0.1991	0.1898	-0.0155		ns
Cheater	0.0648	0.1710	0.1062	-0.1194		ns
Honest „no“	0.9259	0.6299	-0.2961		0.1106	ns

* significant with significance level 5%, n.s – not significant.

Table 3: Comparison of the question “Have you ever mentioned that anyone tries to influence a referee with the aim of competition manipulation or match-fixing?” (RRT 3) with independent variables gender, career status, sport (winter vs. summer), sport opponent (direct vs. indirect), sport participation (single vs. team) and finance status. Overall prevalence results for this question is a: 0.3299, b: 0.0544, c: 0.6156 (N = 355).

Gender						
	Male (n=180)	Female (n=173)	Diff	low/bc α	high/bc α	
Honest „yes“	0.2567	0.4179	0.1612	-0.0895		ns
Cheater	0.0000	0.1232	0.1232	-0.0369		ns
Honest „no“	0.7433	0.4589	-0.2844		0.0806	ns
Career status						
	Active (n=142)	Finished (n=212)	Diff	low/bc α	high/bc α	
Honest „yes“	0.3676	0.2989	-0.0687		0.2129	ns
Cheater	0.0629	0.0467	-0.0163		0.1467	ns
Honest „no“	0.5694	0.6544	0.0850	-0.3214		ns
Sport 1 (Winter/Summer)						
	Summer (n=263)	Winter (n=71)	Diff	low/bc α	high/bc α	
Honest „yes“	0.3800	0.2053	-0.1748		0.1133	ns
Cheater	0.0710	0.0376	-0.0335		0.1990	ns
Honest „no“	0.5489	0.7572	0.2082	-0.2799		ns
Sport 2 (direct vs. indirect opponent)						
	Direct (n=113)	Indirect (n=198)	Diff	low/bc α	high/bc α	
Honest „yes“	0.3625	0.3056	-0.0569		0.1910	ns
Cheater	0.0329	0.0463	0.0134	-0.1645		ns
Honest „no“	0.6046	0.6481	0.0435	-0.3414		ns
Sport 3 (single participation vs. team)						
	Single (n=138)	Team (n=164)	Diff	low/bc α	high/bc α	
Honest „yes“	0.2339	0.4219	0.1880	-0.0517		ns
Cheater	0.0180	0.0594	0.0415	-0.1119		ns
Honest „no“	0.7481	0.5187	-0.2294		0.1473	ns
Finance status						
	Independent (n=218)	Dependent (n=120)	Diff	low/bc α	high/bc α	
Honest „yes“	0.2884	0.4951	0.2067	-0.0484		ns

Cheater	0.0000	0.2598	0.2598	0.0439		*
Honest „no“	0.7116	0.2451	-0.4665		-0.0587	*

* significant with significance level 5%, n.s – not significant.

Table 4: Comparison of the question “Have you ever mentioned that anyone tries to influence a referee with the aim of competition manipulation or match-fixing?” (RRT 4) with independent variables gender, career status, sport (winter vs. summer), sport opponent (direct vs. indirect), sport participation (single vs. team) and finance status. Overall prevalence results for this question is a: 0.0490, b: 0.0462, c: 0.9047 (N = 351).

Gender						
	Male (n=178)	Female (n=171)	Diff	low/bc α	high/bc α	
Honest „yes“	0.0000	0.1324	0.1324	-0.0255		ns
Cheater	0.0394	0.0867	0.0473	-0.1325		ns
Honest „no“	0.9606	0.7809	-0.1797		0.1103	ns
Career status						
	Active (n=139)	Finished (n=211)	Diff	low/bc α	high/bc α	
Honest „yes“	0.0329	0.0820	0.0491	-0.1210		ns
Cheater	0.0000	0.1011	0.1011	-0.0303		ns
Honest „no“	0.9671	0.8169	-0.1502		0.0887	ns
Sport 1 (Winter/Summer)						
	Summer (n=262)	Winter (n=67)	Diff	low/bc α	high/bc α	
Honest „yes“	0.0803	0.0000	-0.0803		0.1330	ns
Cheater	0.0124	0.1121	0.0998	-0.0973		ns
Honest „no“	0.9073	0.8879	-0.0195		0.2744	ns
Sport 2 (direct vs. indirect opponent)						
	Direct (n=111)	Indirect (n=195)	Diff	low/bc α	high/bc α	
Honest „yes“	0.1806	0.0143	-0.1663		0.0728	ns
Cheater	0.1250	0.0270	-0.0980		0.1173	ns
Honest „no“	0.6944	0.9588	0.2643	-0.1186		ns
Sport 3 (single participation vs. team)						
	Single (N=135)	Team (N=162)				
Honest „yes“	0.0653	0.0864	0.0211	-0.2397		ns
Cheater	0.1628	0.0000	-0.1628		0.0219	ns
Honest „no“	0.7719	0.9136	0.1417	-0.1720		ns
Finance status						
	Independent (N=216)	Dependent (N=118)				
Honest „yes“	0.0003	0.2265	0.2262	0.0209		*
Cheater	0.0000	0.2848	0.2848	0.0542		*
Honest „no“	0.9997	0.4887	-0.5110		-0.1354	*

* significant with significance level 5%, n.s – not significant.

