

Complete results and significance tests

Low/bca and high/bca are the lower and upper limits of the 95% confidence intervals of the estimators. Confidence intervals were retrieved from a bootstrapping procedure (2000 bootstrap replications) including bca correction. INC is the estimation of instruction non-compliance.

Complete results including 95% confidence intervals for data in figure 3

Table 1: Prevalence estimates and confidence intervals for over-the-counter medications use for performance enhancement and for medication use for purposes other than performance enhancement. Results shown in percentages.

	In 2019, did you use over-the-counter medications to enhance your sporting performance?			In 2019, did you use medication for training or for competition for purposes other than performance enhancement?		
	estim.	low/bca	high/bca	estim.	low/bca	high/bca
honest yes	10.3	4.3	17.1	43.7	35.2	51.4
INC	19.7	7.9	30.8	37.3	25.7	50.0
honest no	70.0	56.6	85.5	19.0	1.7	33.8

Table 2: Prevalence estimates and confidence intervals for using prohibited substances or methods for image enhancement. Results shown in percentages.

	In 2019, did you knowingly use prohibited substances or methods to enhance your image?		
	estim.	low/bca	high/bca
honest yes	3.5	0.0	9.5
INC	46.8	38.0	55.6
honest no	49.8	38.2	60.3

Complete results including 95% confidence intervals data for data in figure 4

Table 3: Prevalence of dopers in recreational sport in percentages and confidence intervals. Results shown in percentages.

	When participating in [your sport] in 2019, did you knowingly use prohibited substances or methods to enhance your sporting performance?		
	estim.	low/bca	high/bca
honest yes	0.4	0.0	5.9
INC	8.5	0.0	16.9
honest no	91.1	82.3	100.0

Table 4: *Prevalence of dopers among females and males in percentages and confidence intervals. Results shown in percentages.*

	Female			Male		
	estim.	low/bca	high/bca	estim.	low/bca	high/bca
Honest yes	0.0	---	---	3.1	0.0	10.6
INC	9.6	0.0	21.6	12.4	0.0	26.7
Honest no	90.4	78.4	100.0	84.5	66.1	97.5

Complete results including 95% confidence intervals and significance tests for data for figure 5

Table 5: *Doping prevalence in sport categories. Results shown in percentages.*

	weighted estimates		
	estim.	low/bca	high/bca
Overall: honest yes	1.6	0.0	5.3
Overall: Inc	29.5	22.1	36.5
Overall: honest no	68.9	60.5	77.6
Artistic: honest yes	7.6	0.0	17.2
Artistic: Inc	57.1	42.8	71.6
Artistic: honest no	35.3	16.1	53.4
Games: honest yes	6.9	0.4	16.1
Games: Inc	55.7	42.9	67.3
Games: honest no	37.5	20.6	52.1
CGS: honest yes	0.0	-	-
CGS: Inc	15.4	5.8	23.0
CGS: honest no	84.6	76.5	94.7

Table 6: *Estimates as well as one-sided 95% confidence intervals for differences between sport categories. For positive differences, a positive lower limit of the confidence interval indicates a significant difference. For negative differences, a negative upper limit of the confidence interval indicates a significant difference.*

	estim.	low/bca	high/bca
Comparison cgs sport vs. Other sports			
Honest yes	-5.21		0.00
INC	-37.18		-23.98
Honest no	42.39	27.19	
Comparison games vs. Other sports			
Honest yes	6.86	0.05	
INC	33.69	20.91	
Honest no	-40.54		-26.10
Comparison artistic sports vs. other sports			
Honest yes	6.88	-1.07	
INC	31.34	16.57	
Honest no	-38.22		-20.46