Corrigendum: The Main Dimensions of Sport Personality Traits: A Lexical Approach

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A Corrigendum on

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In the original article, there were errors in **Tables 4** and **5** (and in Tables S4.1 through S4.6 in the Supplemental File) as published. Instead of using the natural logarithm (LN) to transform the odd ratios into Cohen's *d*, the common logarithm (LOG) was used. Consequently, all estimates of Cohen's *d* in **Tables 4** and **5** (and Supplemental Tables S4.1 through S4.6) are underestimates of the true values. The corrected **Tables 4** and **5** and the Supplementary Tables S4.1 through S4.6 to the original article has been updated.

The author apologizes for these errors and states that they do not change the scientific conclusions of the article in any way. The original article has been updated.

TABLE 4 | Logistic regression of the most practiced sports and leisure activities on background and sport personality traits ($N = 555$).

	Fitness ($n = 149$)			Running ($n = 131$)			Soccer ($n = 122$)		
	Odds	95% CI	d	Odds	95% CI	d	Odds	95% CI	d
Background									
1. Gender (0 = F, 1 = M)	0.88	(0.59–1.32)	−0.07	1.61*	(1.04–2.48)	0.26	11.91**	(6.17–23.01)	1.37
2. Age	0.98**	(0.96–0.99)	−0.01	0.98*	(0.97–1.00)	−0.01	0.99	(0.97–1.01)	−0.01
3. Education (1 = Lo thru 3 = Hi)	1.20	(0.91–1.58)	0.10	1.15	(0.86–1.53)	0.08	0.48**	(0.34–0.67)	−0.41
Sport personality traits									
4. Friendly Fairness	1.38	(0.79–2.40)	0.18	0.94	(0.53–1.65)	−0.04	0.90	(0.46–1.75)	−0.06
5. Resilience	1.01	(0.62–1.66)	0.01	0.96	(0.55–1.68)	−0.02	0.69	(0.35–1.37)	−0.20
6. Agility	1.13	(0.57–2.25)	0.07	1.69	(0.82–3.48)	0.29	0.98	(0.43–2.23)	−0.01
7. Drive	1.34	(0.70–2.59)	0.16	2.09*	(1.03–4.23)	0.41	1.48	(0.68–3.22)	0.22
8. Perfectionism	0.89	(0.45–1.80)	−0.06	0.51	(0.23–1.12)	−0.37	4.69**	(1.92–11.47)	0.85
9. Inventiveness	0.39**	(0.20–0.75)	−0.52	1.14	(0.58–2.25)	0.07	1.05	(0.49–2.26)	0.03
Nagelkerke pseudo R^2	6.8%	9.2%	37.1%						
χ^2	26.71, $df = 9$, $p < 0.01$	35.03, $df = 9$, $p < 0.01$	153.58, $df = 9$, $p < 0.01$						

*$p < 0.05$; **$p < 0.01$.

TABLE 5 | Logistic regression of the most practiced sports and leisure activities on background and sport personality traits ($N = 555$).

	Solving puzzles ($n = 118$)			Swimming ($n = 103$)			Tennis ($n = 98$)		
	Odds	95% CI	d	Odds	95% CI	d	Odds	95% CI	d
Background									
1. Gender (0 = F, 1 = M)	0.32**	(0.20–0.52)	−0.62	0.26**	(0.16–0.43)	−0.75	0.72	(0.45–1.16)	−0.18
2. Age	1.07**	(1.05–1.09)	0.04	1.00	(0.98–1.02)	0.00	1.01	(1.00–1.03)	0.01
3. Education (1 = Lo thru 3 = Hi)	0.96	(0.71–1.31)	−0.02	1.08	(0.79–1.48)	0.04	1.43*	(1.03–1.98)	0.20
Sport personality traits									
4. Friendly Fairness	1.12	(0.58–2.15)	0.06	1.45	(0.76–2.76)	0.20	1.43	(0.75–2.74)	0.20
5. Resilience	0.84	(0.48–1.46)	−0.10	1.10	(0.63–1.93)	0.05	0.61	(0.32–1.16)	−0.28
6. Agility	1.02	(0.46–2.26)	0.01	0.91	(0.41–2.00)	−0.05	4.05**	(1.74–9.42)	0.77
7. Drive	0.66	(0.30–1.43)	−0.23	0.91	(0.42–2.01)	−0.05	0.72	(0.32–1.63)	−0.18
8. Perfectionism	1.58	(0.69–3.60)	0.25	0.80	(0.35–1.82)	−0.12	1.50	(0.63–3.55)	0.22
9. Inventiveness	0.82	(0.38–1.75)	−0.11	1.40	(0.67–2.93)	0.19	0.86	(0.41–1.83)	−0.08
Nagelkerke pseudo R^2	22.1%	11.2%	7.9%						
χ^2	85.13, $df = 9$, $p < 0.01$	39.77, $df = 9$, $p < 0.01$	27.16, $df = 9$, $p < 0.01$						

*$p < 0.05$; **$p < 0.01$.

TABLE S4.1 | Logistic regression of practicing fitness on background, HEXACO personality, and sport personality trait variables ($N = 449$).

	Fitness ($n = 125$)					
	Odds	95% CI	d	Odds	95% CI	D
Background						
1. Gender (0 = F, 1 = M)	0.78	(0.48–1.26)	−0.14	0.79	(0.48–1.30)	−0.13
2. Age	0.98*	(0.97–1.00)	−0.01	0.98*	(0.96–1.00)	−0.01
3. Education (1 = Lo thru 3 = Hi)	1.22	(0.89–1.69)	0.11	1.22	(0.88–1.70)	0.11
Personality						
4. Honesty-Humility	1.43	(0.84–2.42)	0.20	1.21	(0.68–2.13)	0.11
5. Emotionality	1.15	(0.66–1.98)	0.08	1.05	(0.60–1.85)	0.03
6. Extraversion	1.17	(0.71–1.94)	0.09	1.20	(0.69–2.10)	0.10
7. Agreeableness	0.75	(0.43–1.31)	−0.16	0.81	(0.46–1.43)	−0.12
8. Conscientiousness	0.93	(0.52–1.68)	−0.04	0.84	(0.45–1.59)	−0.10
9. Openness to Experience	0.92	(0.56–1.52)	−0.05	1.10	(0.64–1.88)	0.05
Sport personality traits						
10. Friendly Fairness				1.43	(0.75–2.75)	0.20
11. Resilience				0.89	(0.51–1.58)	−0.06
12. Agility				1.32	(0.60–2.90)	0.15
13. Drive				1.45	(0.69–3.07)	0.20
14. Perfectionism				0.92	(0.40–2.09)	−0.05
15. Inventiveness				0.32**	(0.15–0.70)	−0.63
Nagelkerke pseudo R^2	4.7%			8.1%		
χ^2	14.75, $df = 9$, $p = 0.10$			25.97, $df = 15$, $p = 0.04$		

*$p < 0.05$; ** $p < 0.01$.

TABLE S4.2 | Logistic regression of practicing running on background, HEXACO personality, and sport personality trait variables ($N = 449$).

	Running ($n = 104$)					
	Odds	95% CI	d	Odds	95% CI	d
Background						
1. Gender (0 = F, 1 = M)	1.71*	(1.01–2.90)	0.30	1.46	(0.84–2.51)	0.21
2. Age	0.98*	(0.96–0.99)	−0.01	0.98	(0.96–1.00)	−0.01
3. Education (1 = Lo thru 3 = Hi)	1.20	(0.84–1.71)	0.10	1.30	(0.90–1.87)	0.14
Personality						
4. Honesty-Humility	0.86	(0.50–1.48)	−0.08	0.97	(0.54–1.75)	−0.02
5. Emotionality	0.90	(0.50–1.62)	−0.06	0.90	(0.49–1.66)	−0.06
6. Extraversion	1.84*	(1.06–3.21)	0.34	1.41	(0.77–2.58)	0.19
7. Agreeableness	0.57	(0.31–1.05)	−0.31	0.55	(0.30–1.04)	−0.33
8. Conscientiousness	0.47*	(0.25–0.89)	−0.42	0.47*	(0.23–0.94)	−0.42
9. Openness to Experience	0.91	(0.53–1.57)	−0.05	0.82	(0.46–1.47)	−0.11
Sport personality traits						
10. Friendly Fairness				1.05	(0.54–2.06)	0.03
11. Resilience				0.94	(0.48–1.82)	−0.03
12. Agility				1.51	(0.66–3.49)	0.23
13. Drive				2.22[†]	(0.97–5.08)	0.44
14. Perfectionism				0.69	(0.27–1.73)	−0.20
15. Inventiveness				1.09	(0.47–2.50)	0.05
Nagelkerke pseudo R^2	9.7%			13.2%		
χ^2	29.89, $df = 9$, $p < 0.01$			41.01, $df = 15$, $p < 0.01$		

* $p < 0.05$; ** $p < 0.01$; [†]$p = 0.059$.

TABLE S4.3 | Logistic regression of playing soccer on background, HEXACO personality, and sport personality trait variables (N = 449).

	Soccer (n = 93)					
	Odds	95% CI	d	Odds	95% CI	D
Background						
1. Gender (0 = F, 1 = M)	15.54**	(6.77–35.66)	1.51	15.07**	(6.30–36.04)	1.50
2. Age	0.99	(0.97–1.01)	−0.01	1.00	(0.98–1.02)	0.00
3. Education (1 = Lo thru 3 = Hi)	0.52**	(0.35–0.77)	−0.36	0.49**	(0.32–0.75)	−0.39
Personality						
4. Honesty-Humility	0.56	(0.30–1.05)	−0.32	0.66	(0.33–1.35)	−0.23
5. Emotionality	1.04	(0.53–2.06)	0.02	1.08	(0.52–2.24)	0.04
6. Extraversion	1.12	(0.59–2.14)	0.06	1.17	(0.55–2.49)	0.09
7. Agreeableness	1.39	(0.71–2.71)	0.18	1.37	(0.67–2.79)	0.17
8. Conscientiousness	1.42	(0.66–3.03)	0.19	0.86	(0.38–1.98)	−0.08
9. Openness to Experience	0.64	(0.34–1.22)	−0.25	0.47*	(0.23–0.96)	−0.42
Sport personality traits						
10. Friendly Fairness				1.10	(0.48–2.48)	0.05
11. Resilience				0.64	(0.28–1.45)	−0.25
12. Agility				1.02	(0.39–2.71)	0.01
13. Drive				0.92	(0.34–2.45)	−0.05
14. Perfectionism				9.16**	(3.05–27.47)	1.22
15. Inventiveness				0.68	(0.26–1.79)	−0.21
Nagelkerke pseudo R^2	32.7%	39.8%				
χ^2	105.38, df = 9, p < 0.01	131.73, df = 15, p < 0.01				

*p < 0.05; **p < 0.01.

TABLE S4.4 | Logistic regression of solving puzzles on background, HEXACO personality, and sport personality trait variables (N = 449).

	Solving Puzzles (n = 98)					
	Odds	95% CI	d	Odds	95% CI	d
Background						
1. Gender (0 = F, 1 = M)	0.32**	(0.18–0.58)	−0.63	0.33**	(0.18–0.59)	−0.61
2. Age	1.06**	(1.04–1.09)	0.03	1.06**	(1.04–1.09)	0.03
3. Education (1 = Lo thru 3 = Hi)	0.92	(0.65–1.31)	−0.05	0.90	(0.63–1.29)	−0.06
Personality						
4. Honesty-Humility	1.07	(0.56–2.04)	0.04	1.03	(0.52–2.06)	0.02
5. Emotionality	0.95	(0.49–1.84)	−0.03	0.95	(0.49–1.87)	−0.03
6. Extraversion	0.39**	(0.21–0.71)	−0.52	0.41**	(0.21–0.81)	−0.49
7. Agreeableness	1.57	(0.81–3.03)	0.25	1.55	(0.79–3.05)	0.24
8. Conscientiousness	1.44	(0.71–2.93)	0.20	1.35	(0.64–2.85)	0.17
9. Openness to Experience	1.52	(0.83–2.79)	0.23	1.51	(0.79–2.87)	0.23
Sport personality traits						
10. Friendly Fairness				0.96	(0.44–2.07)	−0.02
11. Resilience				1.07	(0.57–2.02)	0.04
12. Agility				0.77	(0.32–1.87)	−0.14
13. Drive				0.92	(0.39–2.19)	−0.05
14. Perfectionism				1.35	(0.51–3.57)	0.17
15. Inventiveness				1.02	(0.42–2.47)	0.01
Nagelkerke pseudo R^2	22.7%	23.0%				
χ^2	71.80, df = 9, p < 0.01	72.53, df = 15, p < 0.01				

*p < 0.05; **p < 0.01.

TABLE S4.5 | Logistic regression of practicing swimming on background, HEXACO personality, and sport personality trait variables ($N = 449$).

	Swimming ($n = 82$)					
	Odds	95% CI	d	Odds	95% CI	d
Background						
1. Gender (0 = F, 1 = M)	0.23**	(0.13–0.43)	−0.81	0.24**	(0.13–0.45)	−0.79
2. Age	1.01	(0.99–1.03)	0.01	1.00	(0.98–1.03)	0.00
3. Education (1 = Lo thru 3 = Hi)	1.09	(0.76–1.59)	0.05	1.09	(0.75–1.59)	0.05
Personality						
4. Honesty-Humility	1.19	(0.64–2.22)	0.10	1.10	(0.57–2.13)	0.05
5. Emotionality	0.93	(0.48–1.79)	−0.04	0.92	(0.48–1.79)	−0.05
6. Extraversion	1.53	(0.83–2.82)	0.23	1.60	(0.82–3.11)	0.26
7. Agreeableness	0.84	(0.43–1.65)	−0.10	0.86	(0.44–1.71)	−0.08
8. Conscientiousness	0.86	(0.43–1.72)	−0.08	0.84	(0.40–1.77)	−0.10
9. Openness to Experience	1.44	(0.79–2.63)	0.20	1.51	(0.80–2.87)	0.23
Sport personality traits						
10. Friendly Fairness				0.99	(0.47–2.12)	−0.01
11. Resilience				1.17	(0.62–2.22)	0.09
12. Agility				0.78	(0.32–1.92)	−0.14
13. Drive				0.98	(0.40–2.41)	−0.01
14. Perfectionism				1.02	(0.38–2.76)	0.01
15. Inventiveness				0.88	(0.36–2.15)	−0.07
Nagelkerke pseudo R^2	12.4%	12.7%				
χ^2	35.41, $df = 9$, $p < 0.01$	36.54, $df = 15$, $p < 0.01$				

* $p < 0.05$; ** $p < 0.01$.

TABLE S4.6 | Logistic regression of playing tennis on background, HEXACO personality, and sport personality trait variables ($N = 449$).

	Tennis ($n = 79$)					
	Odds	95% CI	d	Odds	95% CI	d
Background						
1. Gender (0 = F, 1 = M)	0.78	(0.44–1.37)	−0.14	0.69	(0.38–1.24)	−0.20
2. Age	1.00	(0.98–1.02)	0.00	1.01	(0.99–1.03)	0.01
3. Education (1 = Lo thru 3 = Hi)	1.53*	(1.04–2.25)	0.22	1.54*	(1.03–2.30)	0.24
Personality						
4. Honesty-Humility	0.99	(0.53–1.82)	−0.01	1.23	(0.63–2.39)	0.11
5. Emotionality	0.88	(0.46–1.67)	−0.07	0.88	(0.45–1.74)	−0.07
6. Extraversion	0.99	(0.55–1.79)	−0.01	0.88	(0.46–1.71)	−0.07
7. Agreeableness	0.87	(0.45–1.66)	−0.08	0.72	(0.37–1.42)	−0.18
8. Conscientiousness	1.33	(0.67–2.65)	0.16	1.35	(0.63–2.87)	0.17
9. Openness to Experience	0.84	(0.47–1.53)	−0.10	0.71	(0.37–1.36)	−0.19
Sport personality traits						
10. Friendly Fairness				1.87	(0.85–4.13)	0.35
11. Resilience				0.57	(0.27–1.20)	−0.31
12. Agility				5.29**	(1.98–14.18)	0.92
13. Drive				0.48	(0.18–1.27)	−0.40
14. Perfectionism				1.25	(0.45–3.46)	0.12
15. Inventiveness				0.98	(0.39–2.46)	−0.01
Nagelkerke pseudo R^2	3.0%	9.5%				
χ^2	8.16, $df = 9$, $p = 0.52$	26.70, $df = 15$, $p = 0.03$				

*$p < 0.05$; **$p < 0.01$.