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Correction: Does environmental attention differ during walking, jogging, and cycling in greenways? Evidence from eye movement responses to videos

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KEYWORDS

greenway, physical activity, health promotion, visual attention, eye-movement tracking

A Correction on

Does environmental attention differ during walking, jogging, and cycling in greenways? Evidence from eye movement responses to videos

by Pan, Y., Liu, C., Liu, Y., Liu, Y., Zhao, J., Zheng, Y., and He, S. (2025). *Front. Psychol.* 16:1665574. doi: 10.3389/fpsyg.2025.1665574

Equation 5 in section: **Overall attention**, subsection: *Fixation density, gaze entropy and heatmap*, 2nd Paragraph was erroneously given as

$$H = - \sum_{i=1}^n p_i \log_2 p_i$$
$$H = - \sum_{i=1}^n p_i \cdot \log_2 p_i$$

The original version of this article has been updated.

There was a mistake in [Tables 1 and 2](#) as published. The Table header was not integrated correctly. The previous version of the [Tables 1 and 2](#) appear below.

TABLE 1 Kruskal–Wallis test results for eye movement metrics on different AOIs across PPAs.

Eye movement metrics	PPA AOI	Median (P25,P75)			<i>H</i>	<i>p</i> -value	ε^2
		Walking	Jogging	Cycling			
AB	\	0.16 (0.11, 0.24)	0.10 (0.05, 0.18)	0.27 (0.16, 0.40)	17.937	0.001	0.693
Gazeentropy	\	2.23 (2.08, 2.38)	1.86 (1.71, 1.95)	2.35 (2.16, 2.48)	34.551	0.001	0.434
rDFF	Road	0.28 (0.17, 0.37)	<u>0.39 (0.22, 0.51)</u>	0.27 (0.14, 0.46)	5.199	0.074	0.139
	Water	0.29 (0.14, 0.45)	0.30 (0.20, 0.44)	<u>0.38 (0.18, 0.49)</u>	0.762	0.683	0.000
	Vegetation	<u>0.40 (0.26, 0.55)</u>	0.29 (0.19, 0.37)	0.27 (0.13, 0.47)	4.834	0.089	0.123
rTDF	Road	0.23 (0.12, 0.42)	0.39 (0.17, 0.57)	0.44 (0.23, 0.60)	4.837	0.089	0.123
	Water	0.03 (0.02, 0.04)	0.03 (0.02, 0.07)	0.04 (0.03, 0.06)	4.651	0.098	0.115
	Vegetation	<u>0.74 (0.54, 0.83)</u>	<u>0.59 (0.39, 0.75)</u>	<u>0.51 (0.37, 0.68)</u>	6.363	0.042	0.190
rNF	Road	0.23 (0.12, 0.39)	0.37 (0.20, 0.52)	0.41 (0.21, 0.54)	3.751	0.153	0.076
	Water	0.03 (0.02, 0.05)	0.03 (0.02, 0.05)	0.04 (0.03, 0.07)	6.578	0.037	0.199
	Vegetation	<u>0.73 (0.56, 0.85)</u>	<u>0.60 (0.43, 0.77)</u>	<u>0.56 (0.41, 0.68)</u>	5.607	0.061	0.157
rAFD	Road	<u>0.35 (0.32, 0.37)</u>	<u>0.35 (0.33, 0.37)</u>	<u>0.37 (0.34, 0.40)</u>	4.109	0.128	0.092
	Water	0.33 (0.30, 0.36)	0.33 (0.29, 0.37)	0.31 (0.26, 0.34)	3.862	0.145	0.081
	Vegetation	0.34 (0.31, 0.36)	0.31 (0.39, 0.33)	0.32 (0.31, 0.34)	3.618	0.164	0.070

The maximum of fixation for each PPA is underlined.

TABLE 2 Descriptive statistics of eye-tracking metrics among different genders across PPAs (Partial).

Eye movement metrics	PPAAOI	Median (P25,P75)					
		Walking		Jogging		Cycling	
		Male	Female	Male	Female	Male	Female
rTDF	Road	0.19 (0.11, 0.43)	0.27 (0.12, 0.46)	0.26 (0.16, 0.48)	0.44 (0.22, 0.67)	0.37 (0.22, 0.56)	0.47 (0.27, 0.63)
rNF	Water	0.03 (0.02, 0.05)	0.03 (0.02, 0.04)	0.03 (0.02, 0.09)	0.03 (0.02, 0.05)	0.04 (0.02, 0.09)	0.05 (0.03, 0.07)
AB	\	0.14 (0.11, 0.22)	0.17 (0.11, 0.30)	0.07 (0.04, 0.14)	0.13 (0.07, 0.22)	0.23 (0.16, 0.42)	0.28 (0.18, 0.38)

The corrected [Tables 1](#) and [2](#) appear below.

TABLE 1 Kruskal–Wallis test results for eye movement metrics on different AOIs across PPAs.

Eye movement metrics	AOI	Walking <i>M</i> (P25, P75)	Jogging <i>M</i> (P25, P75)	Cycling <i>M</i> (P25, P75)	<i>H</i>	<i>p</i> -value	ε^2
AB	\	0.16 (0.11, 0.24)	0.10 (0.05, 0.18)	0.27 (0.16, 0.40)	17.937	0.001	0.693
Gaze entropy	\	2.23 (2.08, 2.38)	1.86 (1.71, 1.95)	2.35 (2.16, 2.48)	34.551	0.001	0.434
rDFF	Road	0.28 (0.17, 0.37)	<u>0.39 (0.22, 0.51)</u>	0.27 (0.14, 0.46)	5.199	0.074	0.139
	Water	0.29 (0.14, 0.45)	0.30 (0.20, 0.44)	<u>0.38 (0.18, 0.49)</u>	0.762	0.683	0.000
	Vegetation	<u>0.40 (0.26, 0.55)</u>	0.29 (0.19, 0.37)	0.27 (0.13, 0.47)	4.834	0.089	0.123
rTDF	Road	0.23 (0.12, 0.42)	0.39 (0.17, 0.57)	0.44 (0.23, 0.60)	4.837	0.089	0.123
	Water	0.03 (0.02, 0.04)	0.03 (0.02, 0.07)	0.04 (0.03, 0.06)	4.651	0.098	0.115
	Vegetation	<u>0.74 (0.54, 0.83)</u>	<u>0.59 (0.39, 0.75)</u>	<u>0.51 (0.37, 0.68)</u>	6.363	0.042	0.190
rNF	Road	0.23 (0.12, 0.39)	0.37 (0.20, 0.52)	0.41 (0.21, 0.54)	3.751	0.153	0.076
	Water	0.03 (0.02, 0.05)	0.03 (0.02, 0.05)	0.04 (0.03, 0.07)	6.578	0.037	0.199
	Vegetation	<u>0.73 (0.56, 0.85)</u>	<u>0.60 (0.43, 0.77)</u>	<u>0.56 (0.41, 0.68)</u>	5.607	0.061	0.157
rAFD	Road	<u>0.35 (0.32, 0.37)</u>	<u>0.35 (0.33, 0.37)</u>	<u>0.37 (0.34, 0.40)</u>	4.109	0.128	0.092
	Water	0.33 (0.30, 0.36)	0.33 (0.29, 0.37)	0.31 (0.26, 0.34)	3.862	0.145	0.081
	Vegetation	0.34 (0.31, 0.36)	0.31 (0.39, 0.33)	0.32 (0.31, 0.34)	3.618	0.164	0.070

The maximum of fixation for each PPA is underlined.

TABLE 2 Descriptive statistics of eye-tracking metrics among different genders across PPAs (Partial).

Eye movement metrics	Walking [<i>M</i> (P25, P75)]		Jogging [<i>M</i> (P25, P75)]		Cycling [<i>M</i> (P25, P75)]	
	Male	Female	Male	Female	Male	Female
rTDF-Road	0.19 (0.11, 0.43)	0.27 (0.12, 0.46)	0.26 (0.16, 0.48)	0.44 (0.22, 0.67)	0.37 (0.22, 0.56)	0.47 (0.27, 0.63)
rNF-Water	0.03 (0.02, 0.05)	0.03 (0.02, 0.04)	0.03 (0.02, 0.09)	0.03 (0.02, 0.05)	0.04 (0.02, 0.09)	0.05 (0.03, 0.07)
AB	0.14 (0.11, 0.22)	0.17 (0.11, 0.30)	0.07 (0.04, 0.14)	0.13 (0.07, 0.22)	0.23 (0.16, 0.42)	0.28 (0.18, 0.38)