

In the article “Performance on Cognitive Screening Tests and Long-Term Substance Use Outcomes in Patients with Polysubstance Use Disorder” [Eur Addict Res 2023;29(2):150–159, DOI: 10.1159/000528921] by Hetland et al., the reported odds ratios for cognitive status and gender were incorrectly reported in Table 3. Following publication, the authors identified an error in the logistic regression analyses’ predictor variables. The categorical predictor variables were mistakenly defined as scaled variables for the purposes of conducting the analysis. Consequently, the reported odds ratios for cognitive status and gender were presented in Table 3 as if they were scaled variables instead of categorical variables. To rectify this, the authors reanalyzed the data, ensuring the predictor variables were correctly defined.

The corrected Table 3 is shown here.

Table 3. Summary of logistic regression analysis with substance use as the dependent variable and impairment defined by MoCA[®], WASI, or BRIEF-A GEC, respectively, age and gender as predictor variables

Dependent variable	Predictor	MoCA [®]			WASI FSIQ			BRIEF-A GEC		
		OR	95% CI	p value	OR	95% CI	p value	OR	95% CI	p value
Year 1 Abstinent	(Constant)	0.6	–	0.483	0.8	–	0.804	0.7	–	0.585
	Cognitive impaired	1.8	0.9–3.7	0.111	1.4	0.6–3.2	0.497	1.6	0.8–3.3	0.209
	Age	1.0	1.0–1.1	0.547	1.0	1.0–1.1	0.660	1.0	1.0–1.1	0.437
	Gender	0.8	0.4–1.6	0.522	0.8	0.4–1.6	0.485	0.8	0.4–1.7	0.501
Year 1 Heavy substance use	(Constant)	0.9	–	0.845	0.6	–	0.496	1.1	–	0.937
	Cognitive impaired	0.7	0.3–1.4	0.271	1.0	0.4–2.5	0.952	0.7	0.3–1.5	0.303
	Age	1.0	0.9–1.0	0.356	1.0	0.9–1.0	0.421	1.0	0.9–1.0	0.242
	Gender	1.5	0.7–3.4	0.287	1.5	0.7–3.4	0.290	1.3	0.6–3.1	0.500
Year 5 Abstinent	(Constant)	2.5	–	0.272	1.1	–	0.945	1.2	–	0.852
	Cognitive impaired	0.7	0.3–1.7	0.416	1.9	0.7–5.7	0.224	1.2	0.5–2.9	0.694
	Age	1.0	0.9–1.1	0.929	1.0	1.0–1.1	0.842	1.0	1.0–1.1	0.566
	Gender	0.8	0.3–1.9	0.574	0.7	0.3–1.7	0.477	0.8	0.3–2.0	0.603
Year 5 Heavy substance use	(Constant)	0.2	–	0.089	0.2	–	0.090	0.4	–	0.294
	Cognitive impaired	1.4	0.5–3.8	0.491	1.6	0.4–6.0	0.518	1.1	0.4–2.8	0.883
	Age	1.0	0.9–1.1	0.937	1.0	0.9–1.1	0.897	1.0	0.9–1.1	0.739
	Gender	1.4	0.5–3.6	0.517	1.4	0.5–3.7	0.499	1.4	0.5–3.9	0.542

MoCA[®], Montreal Cognitive Assessment[®]; WASI, Wechsler Abbreviated Scale of Intelligence; BRIEF-A, Behavior Rating Inventory of Executive Function – Adult version. At baseline, 162 MoCA[®] protocols, 163 WASI protocols, and 145 BRIEF-A protocols were analysed. At 1-year follow-up, 142 MoCA[®] protocols, 143 WASI protocols, and 128 BRIEF-A protocols were analysed. At 5-year follow-up, 106 MoCA[®] protocols, 108 WASI protocols, and 94 BRIEF-A protocols were analysed. There were 20 missing DUDIT-C protocols at 1 year and 56 missing DUDIT-C protocols at 5 years. * $p < 0.05$.