

Table 1. Sociodemographic, clinical and substance-related variables of Healthy Controls (HC), patient with severe alcohol use disorder (sAUD) and patients with severe crack/cocaine use disorder (sCUD).

| | HC | sAUD | sCUD | $F/X^2/t, p$ | Between-group comparisons | | |
|--|--------------|---------------------------|---------------------------|--------------------|---------------------------|-------------|---------------|
| Sociodemographic variables | n=36 | n=50 | n=61 | | HC vs. sAUD | HC vs. sCUD | sAUD vs. sCUD |
| Age ^A | 44.03 (6.14) | 46.88 (8.93) | 40.67 (7.07) | 8.41, $p < 0.001$ | $p = 0.19$ | $p = 0.04$ | $p < 0.001$ |
| Education level ^A | 11.75 (1.70) | 11.78 (2.03) | 12.57 (3.88) ¹ | 1.10, $p = 0.34$ | / | / | / |
| Gender, male (%) ^B | 83.33 | 88.00 | 80.33 | 1.19, $p = 0.55$ | / | / | / |
| Neuropsychological assessment | n=20 | n=25 | n=51 | | | | |
| MoCA ^A | 27.60 (1.47) | 25.92 (3.11) | 25.12 (4.37) | 7.65, $p = 0.001$ | $p = 0.06$ | $p = 0.002$ | $p = 0.63$ |
| Substance-related variables^C | n=36 | n=50 | n=61 | | | | |
| Abstinence duration (in days, of alcohol for sAUD and crack/cocaine for sCUD) | N/A | 11.15 (4.37) ² | 7.41 (4.30) | 4.47, $p < 0.001$ | / | / | / |
| Duration of severe use disorder (in years, of alcohol for sAUD and crack/cocaine for sCUD) | N/A | 12.87 (9.21) ³ | 8.89 (7.89) ⁷ | 2.32, $p = 0.02$ | / | / | / |
| Daily consumption of alcohol (in standard units/day) | N/A | 19.70 (8.85) | 9.75 (10.08) ⁶ | 5.39, $p < 0.001$ | / | / | / |
| Daily consumption of crack/cocaine (in grams/day) | N/A | N/A | 1.31 (0.95) ⁶ | / | / | / | / |
| AUDIT | 2.61 (1.64) | 28.74 (6.58) | N/A | 26.95, $p < 0.001$ | / | / | / |

Note. AUDIT: Alcohol Use Disorders Identification Test; DSM: Diagnostic and Statistical Manual of Mental Disorders; HC: Healthy Controls; MoCA: Montreal Cognitive Assessment; N/A: Not Applicable.

^AWelch's ANOVAs, followed by Games-Howell post-hoc tests.

^BChi-squared tests, followed by Z-tests.

^CWelch's t-tests.

The superscript indicates the number of missing data.