Supplementary Material

**Borderline personality disorder with cocaine dependence: impulsivity, emotional dysregulation and amygdala functional connectivity**

**Thania Balducci, Jorge J González-Olvera, Diego Angeles-Valdez, Isabel Espinoza-Luna, Eduardo A Garza-Villarreal\***

**\* Correspondence:** Eduardo A Garza-Villarreal: egarza@imp.edu.mx

# Supplementary Table 1S

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| **Tabla 1S**. Psychiatric comorbidity, substance use and medication |
|  | BPD+CD+(n = 20) | BPD-CD+(n = 19) | BPD+CD-(n = 10) | *X*2 value | *p value* |
| No. of psychiatric comorbidities, median (rank)current past† | 1 (0-4)1 (0-2) | 1 (0-3)0 (0-2) | 1 (0-3)0 (0-3) | 2.1030.946 | 0.3490.623 |
| Disorders, n (%)Current MDEPast MDECurrent dysthymiaPast dysthymiaMania episode secondary to amphetaminesCurrent panic disorderPast panic disorderPanic disorder secondary to substancesSocial phobiaSpecific phobiaCurrent PTSDGeneralized anxiety disorderOther anxiety disorder secondary to substancesADHD on childhoodADHD on adulthood | -3 (15.0)2 (10.0)--\*1 (5.3)\*-\*--3 (15.0)2 (10.5)\*5 (26.3)\*1 (5.0)11 (55.0)7 (35.0) | 2 (10.5)4 (21.1)--1 (5.3)-1 (5.3)1 (5.3)1 (5.3)3 (15.8)-1 (5.6)\*-7 (38.9)\*4 (21.1)\* | 3 (30.0)3 (30.0)3 (30.0)1 (10.0)---NA---3 (30)NA1 (10.0)- | 6.5520.9316.4373.9811.5591.5591.5591.6121.6121.5791.7593.1851.6125.6515.390 | < 0.050.628< 0.050.1370.4590.4590.4590.4470.4470.4540.2030.1700.4470.0590.068 |
| Number of substances used, median (rank)Total CurrentPastExperimentalSubstance, n (%)Current alcoholPast alcoholCurrent hallucinogenExperimental hallucinogenCurrent inhalantsPast inhalantsExperimental inhalantsCurrent cannabis Past cannabis Experimental cannabis Current benzodiazepines Past benzodiazepinesPast steroids Nicotine cigarette/day, media (SD)‡Drug group, n (%)AnticonvulsantsNeurolepticsBenzodiazepinesAntidepresants Unknown | 4 (3-6)2 (1-4)2 (0-3)0 (0-4)6 (30.0)5 (25.0)-4 (20.0)2 (10.0)1 (5.0)4 (20.0)6 (30.0)1 (5.0)6 (30.0)1 (5.0)-1 (5.0)7.65 (8.44)6 (30.0)1 (5.0)2 (10.0)3 (15.0)- | 3 (1-6)1 (1-4)0 (0-3)0 (0-2)13 (72.2)\*1 (5.6)\*1 (5.6)\*2 (11.1)\*3 (16.7)\*-1 (5.6)\*4 (22.2)\*1 (5.6)\*6 (33.3)\*-1 (5.6)\*-1.63 (1.63)5 (26.3)1 (5.3)--2 (10.5) | 0.5 (0-3)1 (0-3)0 (0-2)0 (0-1)2 (20)------1 (10.0)2 (20.0)----0.70 (2.21)1 (10.0)3 (30.0)-7 (70.0)- | 15.164.2661.6555.4119.7585.0791.7022.4891.9201.6703.5871.5172.2554.2671.4301.7021.43020.5211.4985.3743.02320.37- | < 0.0010.1180.4370.067< 0.010.0790.4270.2880.3830.4340.1660.4680.3240.1180.4890.4270.489< 0.0010.4730.0680.221< 0.001- |
| Note: p value obtained through x2 for categorical variables and Kruskal-Wallis for ordinal variables and for cigarettes/day, being this the only one-dimensional variable with unequal variance (Levene 12.49, p < 0.001). On substance use, we do not distinguish between dependence, abuse or another pattern of consume. At the BPD group, none had a pattern of consume larger than social on any substance but nicotine. \* One value lost (n-1).† Past comorbidities: past MDE, past dysthymia, past panic disorder, ADHD on childhood. ‡ On this analysis, the control group without psychopathology was also included with a media of consumed cigarettes/day of 0.95 and SD 1.35.BPD: borderline personality disorder, CD: cocaine dependence |