**Table S3**. Multivariate analysis\* of trauma recidivism according to screening result.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Single recidivist (SR)a** | | | | | | |  | **Multirecidivist (MR)a** | | | | | | |
| **Substance(s)** | **cOR** | **[95% CI]** | ***p*** |  | **aOR** | **[95% CI]** | ***p*** |  | **cOR** | **[95% CI]** | ***p*** |  | **aOR** | **[95% CI]** | ***p*** |
| **Negative** |  | 1.00 Ref. |  |  |  | 1.00 Ref. |  |  |  | 1.00 Ref. |  |  |  | 1.00 Ref. |  |
| **Positive** | **1.49** | **[1.13, 1.96]** | ***.003*** |  | **1.52** | **[1.14, 2.04]** | ***.004*** |  | **3.15** | **[2.13, 4.28]** | ***< .001*** |  | **3.17** | **[2.29, 4.39]** | ***< .001*** |

\*Multinomial logistic regression adjusted for the variables age, sex and psychiatric disorder

a Reference category: Nonrecidivist (NR).

Nonrecidivist (NR): First-time trauma patients; Single recidivist (SR): Patients with only one previous trauma; Multirecidivist (MR): Patients with more than one previous trauma; Negative: No substance detected; Positive: Positive for any substance; cOR: Crude odds ratio; aOR: Adjusted odds ratio; CI: Confidence interval; Ref.: Reference category. In bold: statistically significant.