**S1 Table. The results of the linear mixed effects model of VAS score after the cannulation.**

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| --- |
| **Fixed effects** |
| **Term** | **Estimate** | **SE** | **df** | **t-value** | **p-value** |
| Intercept | 3.59 | 1.01 | 180.65 | 3.55 | 0.0005 |
| Placebo | 37.89 | 1.49 | 129.76 | 25.32 | <0.0001 |
| No pretreatment | 36.12 | 1.52 | 131.31 | 23.76 | <0.0001 |
| **Random effects** |
| **Term** | **Variance** | **SD** |
| Intercept for subject | 35.49 | 5.96 |
| Residual | 69.51 | 8.34 |