**Extended Data Table 2-2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Figure | Trial type | *t* | *p* |
| Paired t-test of PROB vs AMNT *peak time*  | 2D | Instructed | 1.74 | .10 |
| Free-choice | 2.47 | .02 |
| EDF 2-3A | Instructed | −2.32 | .03 |
| Free-choice | −1.60 | .13 |
| EDF 2-3B | Instructed | 3.04 | .007 |
| Free-choice | 2.26 | .02 |
| EDF 2-3C | Instructed | 1.38 | .18 |
| Free-choice | 0.47 | .65 |
| EDF 2-3D | Instructed | 0.10 | .92 |
| Free-choice | 0.44 | .67 |
|  |  |  |  |  |
| Paired t-test of PROB vs AMNT *peak strength*  | 2D | Instructed | 7.09 | < .001 |
| Free-choice | 6.28 | < .001 |
| EDF 2-3A | Instructed | 2.69 | .01 |
| Free-choice | 1.88 | .07 |
| EDF 2-3B | Instructed | 5.47 | < .001 |
| Free-choice | 2.72 | .01 |
| EDF 2-3C | Instructed | 6.75 | < .001 |
| Free-choice | 4.13 | < .001 |
| EDF 2-3D | Instructed | 5.84 | < .001 |
| Free-choice | 3.03 | .006 |