|  |  |  |
| --- | --- | --- |
|  | Mean | Mean & First & Last |
| Monkey A Saline | 4.93 | 4.80 |
| Monkey A Ketamine | 2.91 | 2.69 |
| Monkey H Saline | 1.77 | 1.66 |
| Monkey H Ketamine | 2.50 | 2.23 |

***Supplementary File 4:*** *Difference in log-likelihood of regression models including either evidence standard deviation (SD) or both maximum and minimum evidence (Max & Min) as regressors, for each monkey with saline or ketamine injection. Log-likelihood values were calculated using a cross-validation procedure (see* ***Methods****). Column label refers to the regressors additional to either SD or Max & Min. Positive values indicate the regression model with SD performs better than that with Max & Min. Values depend on the number of completed trials, which differed across conditions. Regardless of whether first and last evidence sample regressors are included, the models with standard deviation of evidence have higher log-likelihoods than the models with maximum and minimum evidence samples, indicating a better explanation of the data by standard deviation than by maximum and minimum evidence samples. In particular, under ketamine injection, monkeys did not switch their strategy to primarily use maximum and minimum evidence samples (over standard deviation of evidence) to guide their choice.*