

## Final Metrics

COGNITIVE RELATED:	
Ymaze Acquisition Initial Learning Rate	Percent Correct Trials in Acquisition Session 1
Ymaze Acquisition Ability	Mean of the Percent Correct Trials in Acquisition Sessions 3 and 4
Ymaze Acquisition Secondary Learning Rate	Slope of the Linear Regression of Acquisition Sessions 1, 2 and 3
Ymaze Early Reversal Initial Learning Rate	Percent Correct Trials in Reversal Day 1 Session 1
Ymaze Early Reversal Ability	Mean of the Percent Correct Trials in Reversal Day 1 Sessions 3 and 4
Ymaze Early Reversal Secondary Learning Rate	Slope of the Linear Regression of Reversal Day 1 Sessions 1, 2 and 3
Ymaze Late Reversal Initial Learning Rate	Percent Correct Trials in Reversal Day 2 Session 1
Ymaze Late Reversal Ability	Mean of the Percent Correct Trials in Reversal Day 1 Sessions 1, 2, 3 and 4
Fold Change in Average Grooming Bout Length due to CNO	Difference between Average Grooming Bout Length in CNO and No CNO Conditions relative to No CNO Condition
Social Chamber Curiosity Index	Difference between Summed Entrances to Mouse and Object Chambers in Test and Baseline Sessions relative to Baseline Session
Social Preference Index	Time spent Interacting with the Novel Mouse relative to Total Time Interacting with either the Novel Mouse or Novel Object
EPM Hesitation Index	Jittery Entrances to the Open Arms relative to Total Entrances to the Open Arms
EPM Anxiety Index	Time in the Closed Arms relative to Total Time in Closed and Open Arms
EPM Exploration Index	Time in the Crossroads Central Area
EPM Exploration Index 2	Entrances into the Crossroads Central Area
MOTOR RELATED:	
YmazeDist	Combined distance swum (mm) in the three habituation trials (60 seconds each) of free swimming in the empty Ymaze apparatus (calculated by Ben's tracking)
YmazeVel	Average velocity (mm/s) in the three trials of habituation phase of free swimming in the empty Ymaze apparatus (calculated by Ben's tracking)
BSDist	Distance traveled (m) during Baseline phase (10 minute free exploration of the empty apparatus)
TESTDist	Distance traveled (m) during Test phase (10 minute exploration of the apparatus with the novel mouse and novel object present in their respective chambers)
EPMDist	Distance traveled (cm) during the ten minutes in the Elevated Plus Maze

EPMVel	Average velocity (cm/s) during the ten minutes in the Elevated Plus Maze
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Gait parameters	Averages determined through tracking paw centroids in steps walking across a clear sheet of plexiglass
Gait Fore Stance	Average width between fore paws
Gait Fore Stride	Average distance between successive placements of the fore paw
Gait Rear Stance	Average width between rear paws
Gait Rear Stride	Average distance between successive placements of the rear paw