

Figure 3.

Figure 3. Identifying vulnerable subjects using their psychometric functions.

(a) Psychometric profiles depict vulnerability of a singular animal during NCCB, CCB, and AA tasks.

(b) Resilient singular animal psychometric profiles in NCCB, CCB, and AA tasks.

(c) Two plots showing the fraction of sigmoid across all sessions of AA for individual males (n=10) and females (n=10), where the dashed line at y=0.7 indicates the threshold for fitting a sigmoid psychometric curve.

(d) Pie charts depicting males (left) and females (right) with sigmoidal (blue) and non-sigmoidal (yellow) psychometric profiles. Males have significantly more non-sigmoidal sessions than females (chi-square test, $p = 0.025$).

