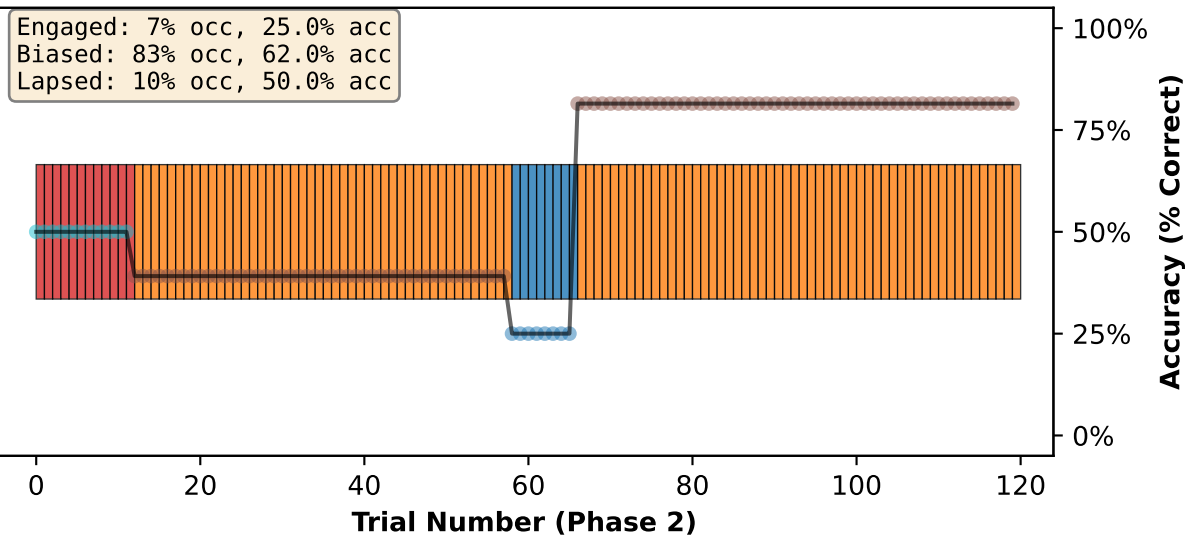**Phase 2 Individual Animal Trajectories:**
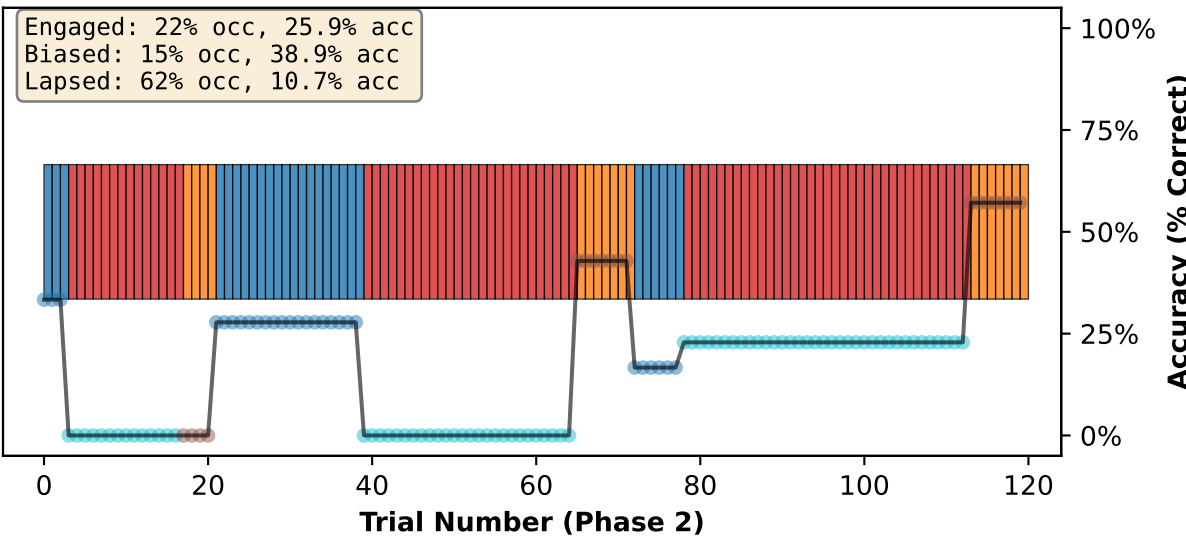**State Sequences with Accuracy by State**
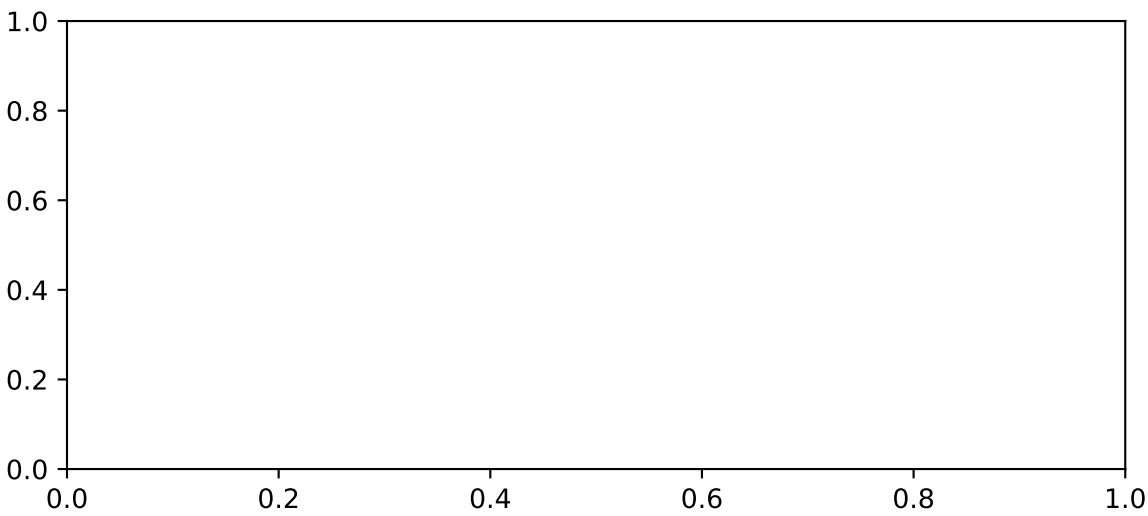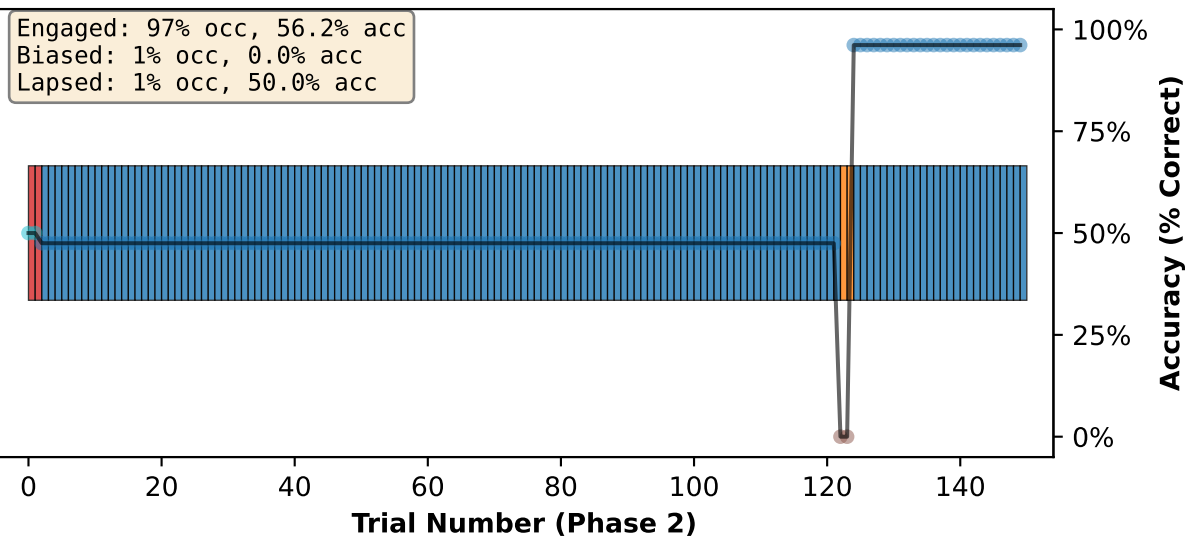
A1D_Het - Animal 101_cohortF
(n=120 trials)

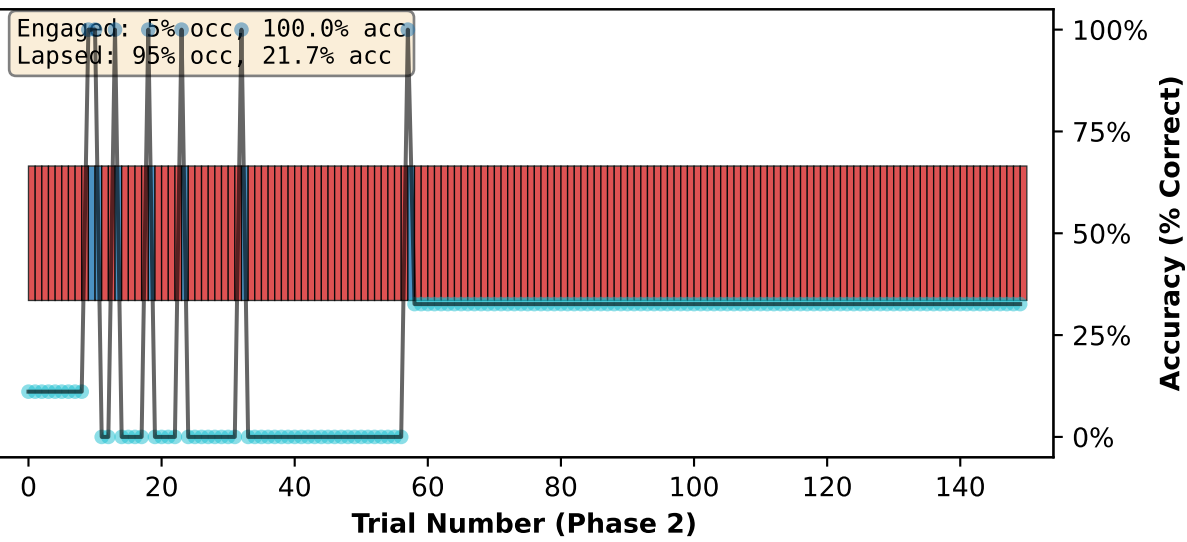Engaged: 7% occ, 25.0% acc
Biased: 83% occ, 62.0% acc
Lapsed: 10% occ, 50.0% acc

A1D_Het - Animal 61_cohortF
(n=120 trials)

Engaged: 22% occ, 25.9% acc
Biased: 15% occ, 38.9% acc
Lapsed: 62% occ, 10.7% acc

A1D_KO - Animal 82_cohortF
(n=150 trials)

Engaged: 97% occ, 56.2% acc
Biased: 1% occ, 0.0% acc
Lapsed: 1% occ, 50.0% acc

A1D_Wt - Animal 42_cohortF (n=150 trials)

Engaged: 5% occ, 100.0% acc
Lapsed: 95% occ, 21.7% acc

A1D_Wt - Animal 51_cohortF
(n=117 trials)

Engaged: 78% occ, 45.1% acc
Biased: 17% occ, 85.0% acc
Lapsed: 5% occ, 0.0% acc
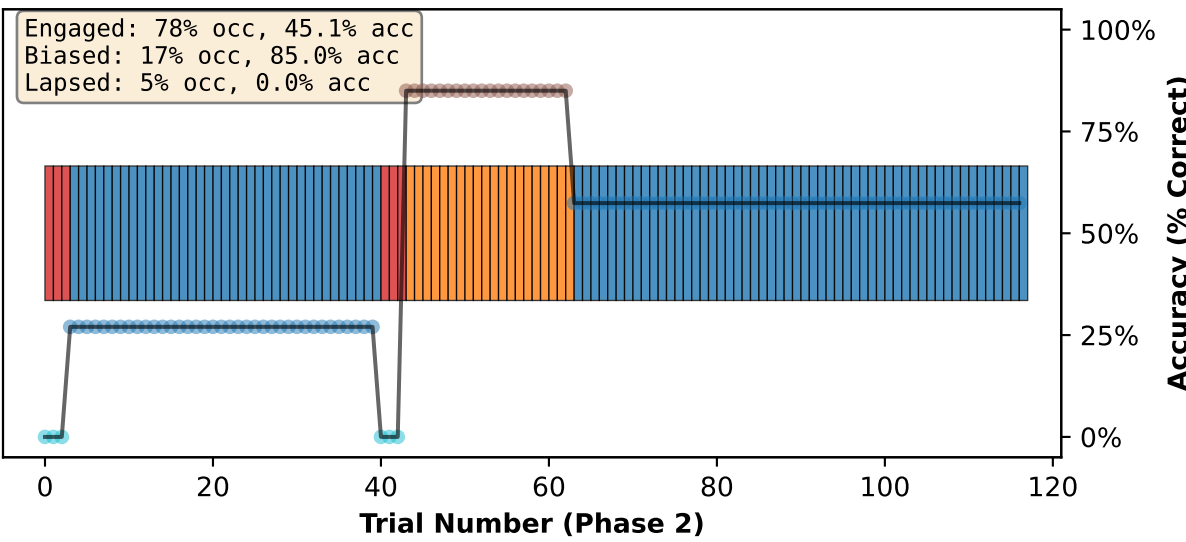
B6 - Animal 11_cohortF
(n=180 trials)

Biased: 88% occ, 21.5% acc
Lapsed: 12% occ, 27.3% acc
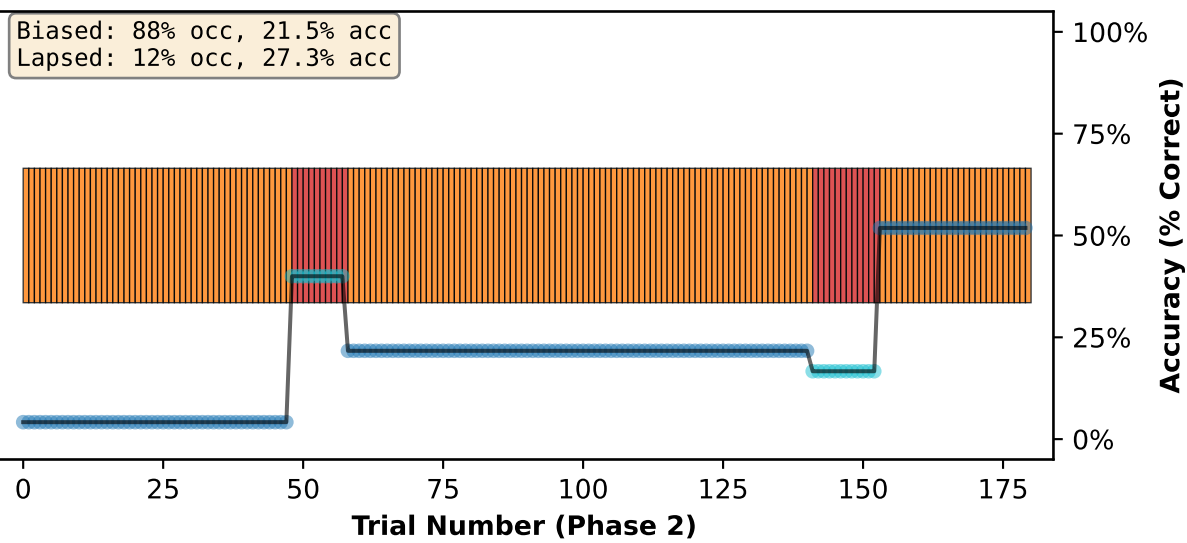
B6 - Animal 23_cohortF
(n=180 trials)

Engaged: 2% occ, 33.3% acc
Biased: 96% occ, 37.6% acc
Lapsed: 2% occ, 100.0% acc
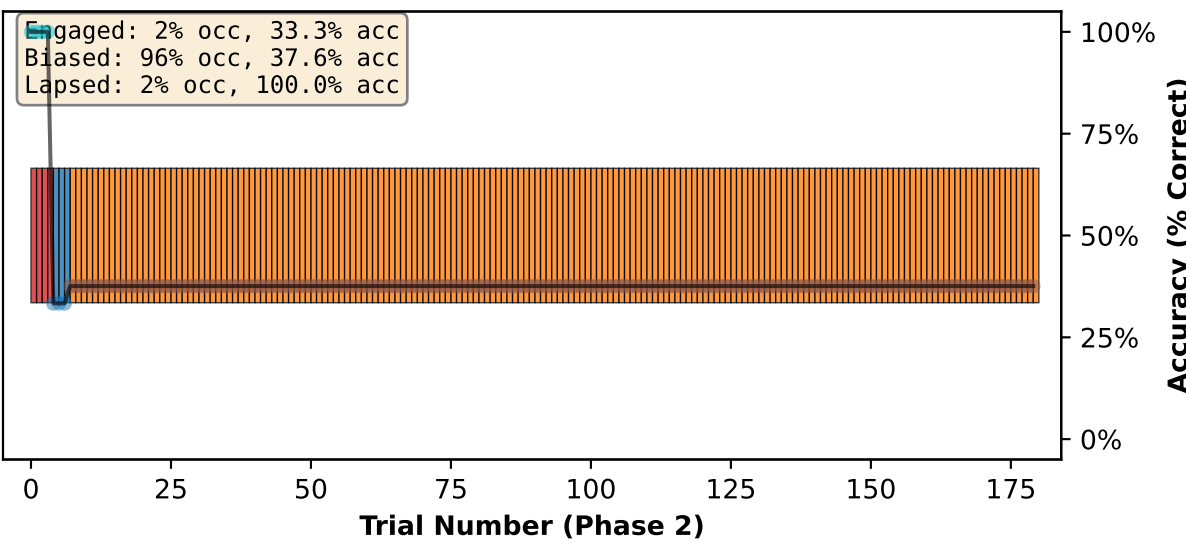
C3H x B6 - Animal c3m1_cohortW
(n=526 trials)

Engaged: 32% occ, 42.5% acc
Biased: 63% occ, 61.3% acc
Lapsed: 5% occ, 53.6% acc
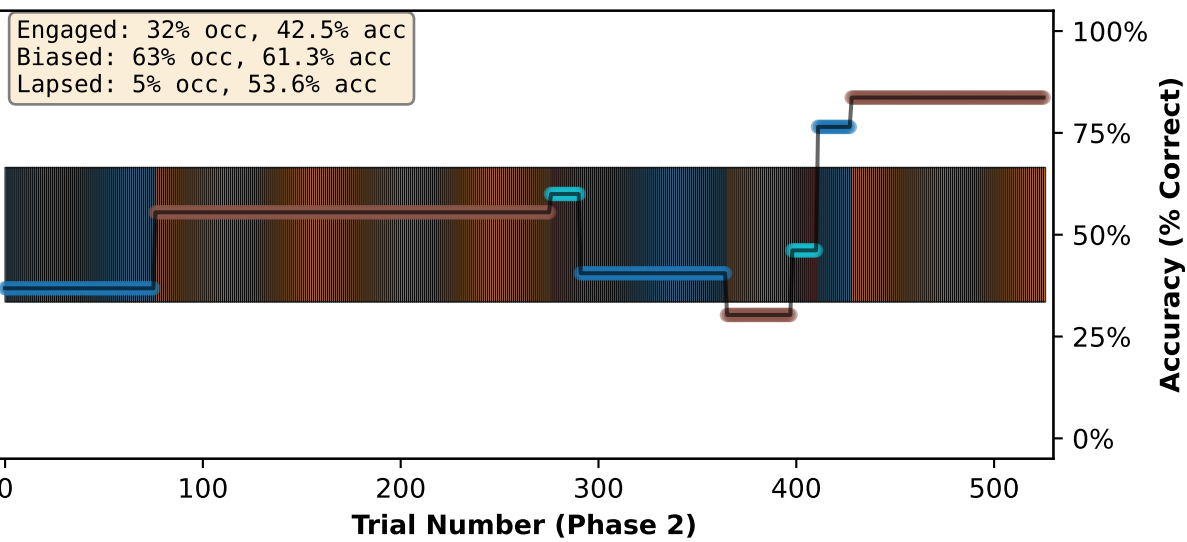
C3H x B6 - Animal c3m2_cohortW
(n=588 trials)

Engaged: 59% occ, 53.3% acc
Biased: 38% occ, 66.5% acc
Lapsed: 3% occ, 58.8% acc

Trial Number (Phase 2) — Accuracy (% Correct)
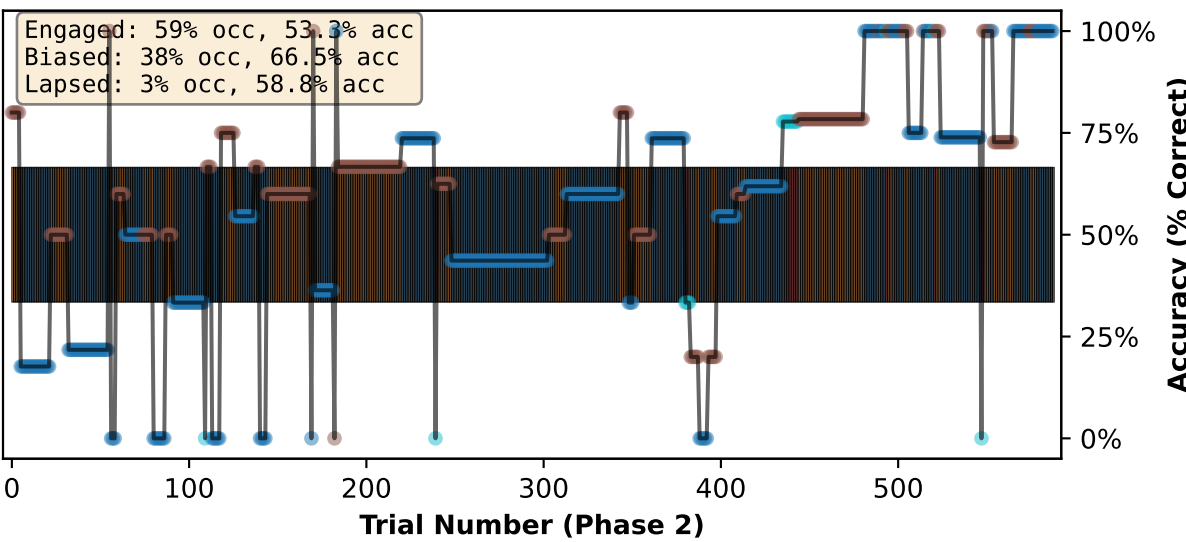
Legend: Engaged State (High Engagement) | Biased State (Perseverative) | Lapsed State (Disengaged)