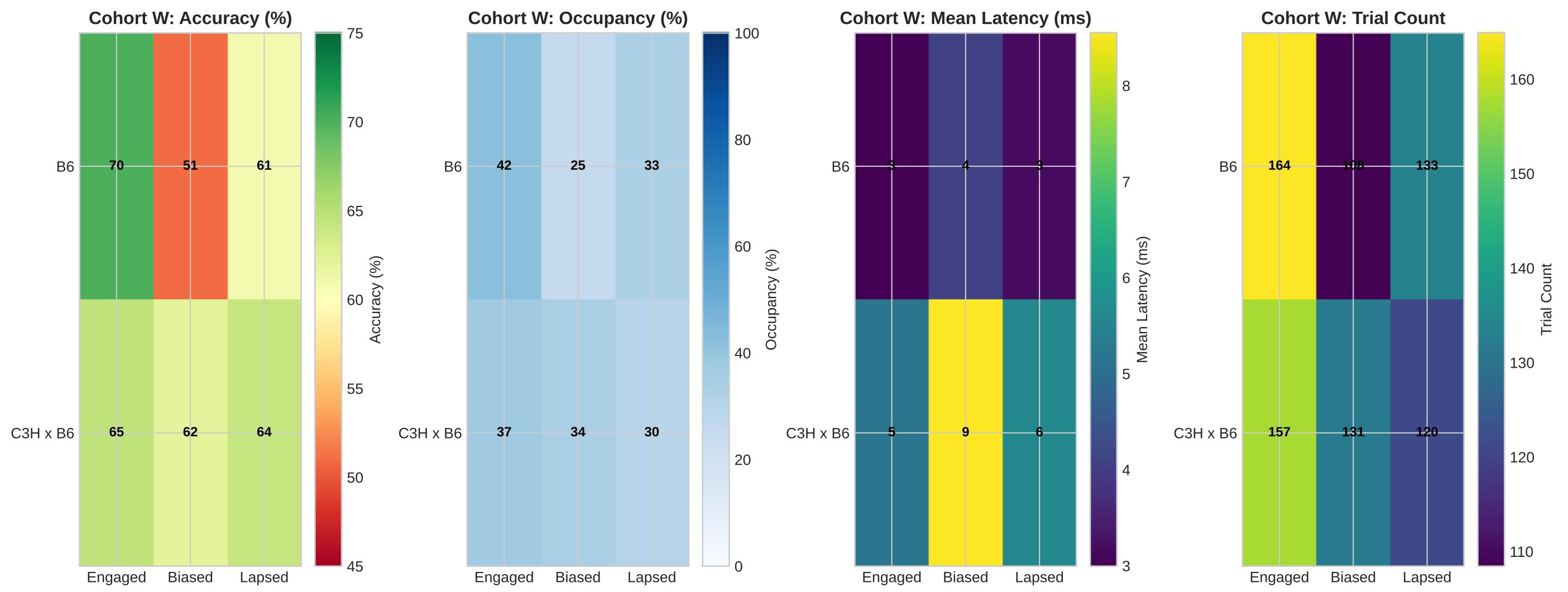


Enhanced Figure 2: Complete Genotype-State Interaction Matrix



**Genotype Legend:**

- B6 (#e74c3c)
- C3H x B6 (#000000)
- A1D\_Wt (#FFD700)
- A1D\_Het (#4169E1)
- A1D\_KO (#800000)

**State Legend:**

- Engaged
- Biased
- Lapsed

**Metrics Shown:**

- Accuracy: % correct by state
- Occupancy: % trials in state
- Latency: reaction time
- Count: trial numbers

