Experiment 1: between-participant - 4 vs 8 targets

4 targets groups

Early learning

Late learning

Aftereffect

8 targets groups

Error size:

Target layout: 4 targets 8 targets

Hand Angle (deg)

Cycle Number (4 Movements)

Error size:

Target layout: 4 targets 8 targets

Hand Angle (deg)

Cycle Number (4 Movements)
Experiment 2: within-participant - 4-only vs 4-of-8 targets

**4-only targets**

![Graph showing hand angle over cycle number for 4-only targets.]

- **Early learning** (p=0.739, p<0.001)
  - Error size: 4°, 15°
  - Target layout: 4-only, 4-of-8

- **Late learning** (p=0.647, p<0.001)
  - Error size: 4°, 15°
  - Target layout: 4-only, 4-of-8

- **Aftereffect** (p=0.534, p<0.001)
  - Error size: 4°, 15°
  - Target layout: 4-only, 4-of-8

**4-of-8 targets**

![Graph showing hand angle over cycle number for 4-of-8 targets.]

- **Early learning** (No FB)

- **Late learning** (p=0.647, p<0.001)
  - Error size: 4°, 15°
  - Target layout: 4-only, 4-of-8

- **Aftereffect** (p=0.534, p<0.001)
  - Error size: 4°, 15°
  - Target layout: 4-only, 4-of-8

N=21, N=20
Experiment 3: between-participant- 4-of-8 targets

Early learning
- Cardinal
  - Error size: 4°, N=20
  - Error size: 15°, N=20
  - p=0.018
  - p=0.052

Late learning
- Cardinal
  - Error size: 4°, N=20
  - Error size: 15°, N=20
  - p<0.001
  - p<0.001

Aftereffect
- Cardinal
  - Error size: 4°, N=20
  - Error size: 15°, N=20
  - p=0.009

Target layout:
- Cardinal
- Diagonal
Experiment 4: between-participant- 4-of-8 targets and time-matched

4-of-8 targets groups

Time-matched

Early learning

Late learning

Aftereffect

Error size: 4° 15° 4° 15°

Target layout: 4-of-8 Time-matched

Error size: 4° 15° 4° 15°

Target layout: 4-of-8 Time-matched

Error size: 4° 15° 4° 15°

Target layout: 4-of-8 Time-matched
Experiment 5: between-participant wedge

Early learning

Late learning

Aftereffect

Illustrating 4 out of 25 targets

15°, N=17

4°, N=15
All experiments: individuals data

4° error:

15° error: