3 patched layers

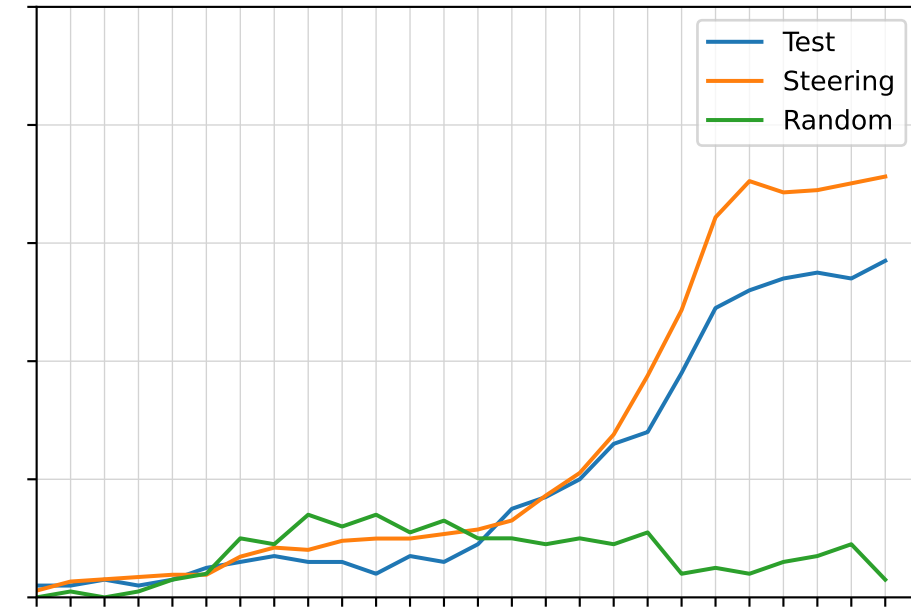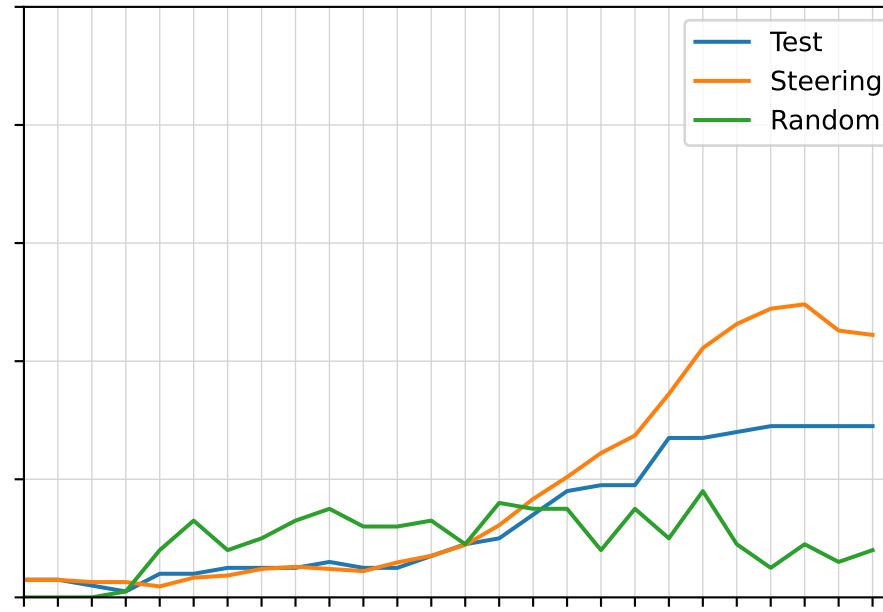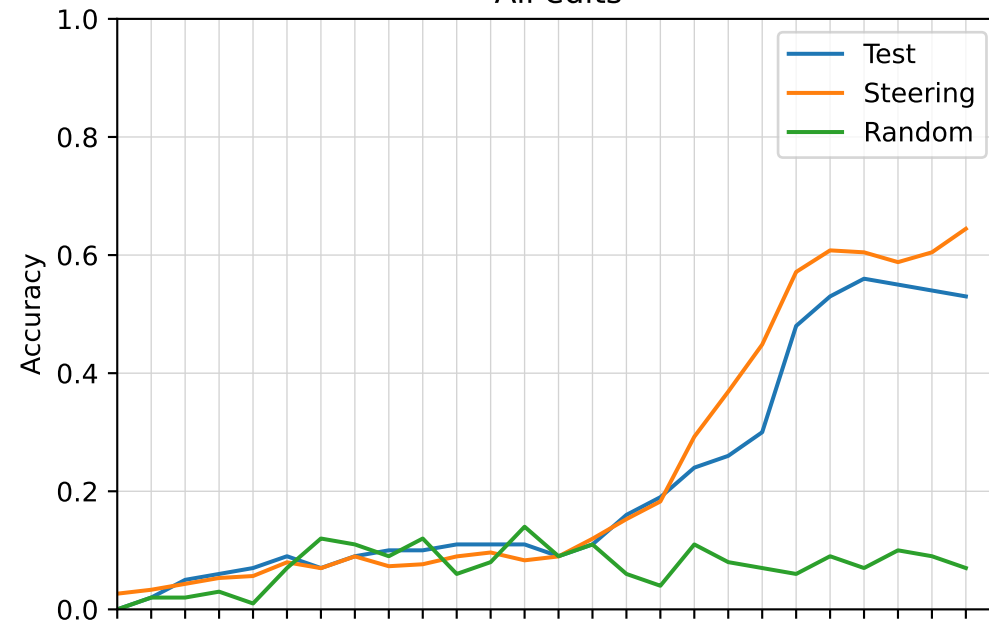### All edits

Remove type annotations

Rename types and remove type annotations

Rename variables and remove type annotations