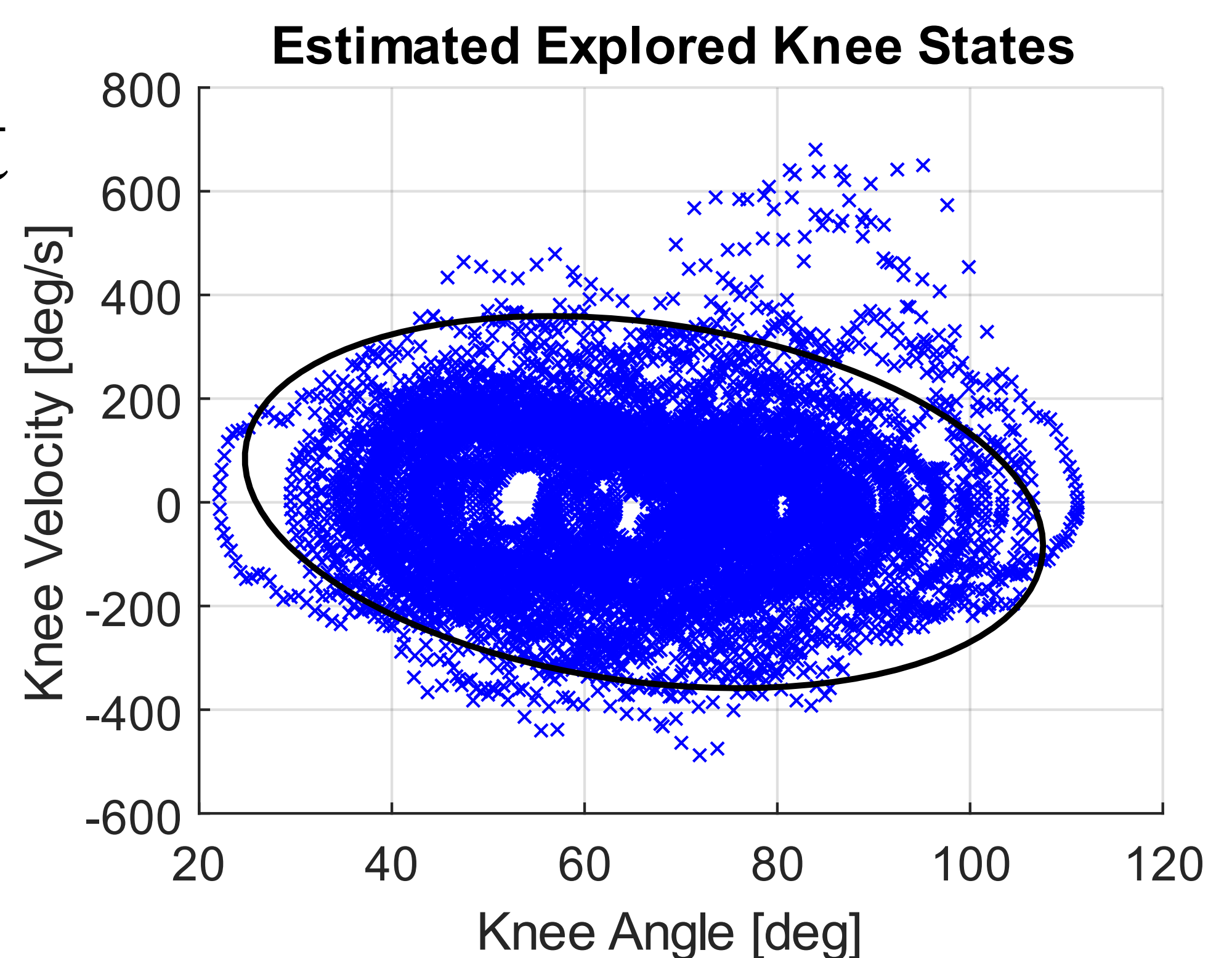


How Do Humans Learn a Challenging Balance Task?

- **Question:** How do humans explore and exploit movement strategies to learn to unicycle?
- **Method:** Used motion capture to collect joint kinematics as two pilot subjects learned to unicycle 12m without falling
- **Finding:** Subjects required 5 and 9 training sessions to complete the task
- **Results:** Preliminary data analysis involves estimating the region of state space stability as a multi-dimensional ellipsoid
- **Next Steps:** Preliminary results used for NSF M3X proposal, submitting now!



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