# Week 4 Update: Wheel Control (Motors & Encoders)

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ME/EE/CS 169

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## 6. Compare Spin measured by Gyro versus Encoders

Spinning the robot at 1 counterclockwise provides the following velocity plots. We notice that the values spike at the beginning of the movement, demonstrating slipping. Furthermore, we note that the encoder values lag behind the gyro readings by roughly 0.06s. We also notice that the gyroscope and encoder readings diverge at most by 0.06 rad/s

