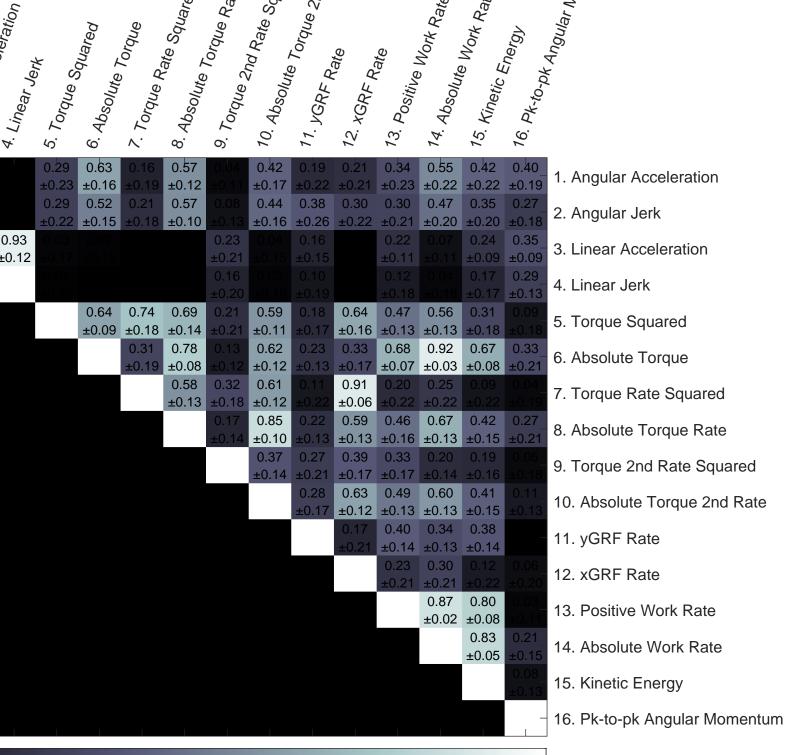
## **Correlation Matrix for Cost Components** 16. Pk-to-pk Angular Momentum 10. Absolute Torque 2nd Rate 4 9. Torque 2nd Rate Squared 4 8. Absolute Torque Rate 7. Torque Rate Squared 14. Absolute Work Rate 13. Positive Work Rate 6. Absolute Torque 5. Torque Squared <sup>4</sup> 15. Kinetic Energy , <sup>11</sup>. VGRF Rate 0.63 0.57 0.55 0.42 0.40 0.42 0.21 0.34 0.29 1. Angular Acceleration ±0.19 ±0.23 ±0.16 ±0.12 ±0.23 ±0.22 ±0.22 ±0.17 0.29 0.52 0.57 0.44 0.30 0.47 0.35 0.38 0.27 2. Angular Jerk ±0.22 ±0.15 ±0.10 ±0.16 ±0.26 ±0.22 ±0.21 ±0.20 ±0.20 ±0.18 0.24 0.35 3. Linear Acceleration ±0.09 ±0.11 0.29 4. Linear Jerk ±0.13 0.74 0.59 0.64 0.69 0.64 0.47 0.56 5. Torque Squared



0.3

.2

0.4

0.5

0.6

0.7

8.0

0.9

1