

|               | hip actuator<br>peak torque | knee actuator<br>peak torque | hip actuator<br>gear ratio | knee actuator<br>gear ratio | thigh inertia       | shank inertia | Mean Modified AF   | Std Modified AF    | Mean Modified AF<br>+regeneration | Std Modified AF<br>+regeneration |
|---------------|-----------------------------|------------------------------|----------------------------|-----------------------------|---------------------|---------------|--------------------|--------------------|-----------------------------------|----------------------------------|
| biarticular   | 40                          | 70                           | 20.0                       | 35.0                        | 0.30820000000000003 | 1.50185       | 1.9864329806064078 | 0.7124996002354239 | 1.9864329806064078                | 0.7124996002354239               |
| monoarticular | 70                          | 40                           | 35.0                       | 20.0                        | 1.06985             | 1.0844        | 0.6622633180896352 | 1.003177669717074  | 0.6622633180896352                | 1.003177669717074                |