

|                                  | biarticular, noload | monoarticular, noload | biarticular, loaded | monoarticular, loaded |
|----------------------------------|---------------------|-----------------------|---------------------|-----------------------|
| mean hip actuator energy (J/kg)  | 1.42                | 1.091                 | 1.587               | 1.52                  |
| mean knee actuator energy (J/kg) | 1.586               | 1.241                 | 1.526               | 1.239                 |
| mean metabolic rate (J/kg)       | 3.006               | 2.332                 | 3.112               | 2.759                 |
| mean metabolic reduction (%)     | 22.386              | 22.474                | 20.496              | 20.454                |
| std hip actuator energy (J/kg)   | 0.34                | 0.262                 | 0.305               | 0.31                  |
| std knee actuator energy (J/kg)  | 0.314               | 0.146                 | 0.31                | 0.299                 |
| std metabolic rate (J/kg)        | 0.326               | 0.296                 | 0.252               | 0.552                 |
| std metabolic reduction (%)      | 5.341               | 5.322                 | 3.483               | 3.525                 |