Table S2. List of possible correction factors, derived based on various levels of femoral eccentricity built into the hypothetical bipedal function. Eccentricity (ECC) is measured as DML/DAP (as per Carrano 2001). The quadrupedal function is *Aquad=0.0394⋅Cquad2*, as explained in the text. Function format: *Abip=b⋅Cbip2*. Correction factor, α2 = .

|  |  |  |
| --- | --- | --- |
| ECC | *b* | α2 |
| 2 | 0.0637 | 1.617 |
| 1.9 | 0.0656 | 1.665 |
| 1.8 | 0.0676 | 1.716 |
| 1.7 | 0.0696 | 1.766 |
| 1.6 | 0.0715 | 1.815 |
| 1.5 | 0.0735 | 1.865 |
| 1.4 | 0.0753 | 1.911 |
| 1.3 | 0.0769 | 1.952 |
| 1.2 | 0.0783 | 1.987 |
| 1.1 | 0.0792 | 2.01 |
| 1 | 0.0796 | 2.02 |
| 0.9 | 0.0791 | 2.008 |
| 0.8 | 0.0776 | 1.97 |
| 0.7 | 0.0748 | 1.898 |
| 0.6 | 0.0702 | 1.782 |
| 0.5 | 0.0637 | 1.617 |