Supplementary Table S24: total decelerative impulse-- values are expressed in percentage bodyweight per second (%BW s); median impact impulse (IQR) per species is shown.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Forelimb Walk****Total Decelerative** **Impulse (%BWs)** | **Forelimb Slow Run****Total Decelerative** **Impulse (%BWs)** | **Hindlimb Walk****Total Decelerative** **Impulse (%BWs)** | **Hindlimb Slow Run****Total Decelerative** **Impulse (%BWs)** |
|  |
|  |
| Antelope | 9.26 | (2.83) | 7.75 | (0.74) |  |  |  |  |
| Sheep | 3.35 | (2.75) | 4.06 | (3.74) | 4.16 | (0.87) | 3.00 | (1.77) |
| Pig | 1.46 | (0.47) | 1.47 | (0.19) | 1.23 | (0.35) | 1.18 | (1.59) |
| Addax | 5.76 | (1.97) |  |  | 1.72 | (0.96) |  |  |
| Alpaca |  |  |  |  |  |  |  |  |
| Deer | 1.64 | (0.67) | 2.07 | (0.65) | 0.50 | (0.37) | 0.92 | (0.18) |
| Horse | 2.61 | (2.18) | 4.13 | (1.52) | 1.84 | (1.55) | 2.37 | (0.09) |
| Bull | 3.08 | (1.90) |  |  | 2.67 | (1.02) |  |  |
| Dromedary | 1.87 | (0.39) |  |  | 1.17 | (0.19) | 0.79 | (0.01) |
| Giraffe | 6.88 | (1.47) |  |  |  |  |  |  |
| Elephant | 1.80 | (1.04) | 2.19 | (0.82) | 1.18 | (0.59) | 1.19 | (0.27) |