

Table 2. Comparisons of theory with measurement for scaling powers b in the relation $Y \propto (\text{mammal mass})^b$ for quantity Y .

quantity y	b theory	b measurement ^a
capillary number	0.625	0.62
capillary radius	0.083	0.08
fluid transfer	0.833	0.82
capillary surface	0.917	0.92–0.95
capillary volume	1.000	0.97–1.00
oxygen transfer	0.750	0.74

^a Details and references noted in text.