

Table 1.7. Masses and mass densities of body segments. (Using data from [63])

| segment | segment mass/ total body mass m_b | mass density (g/cm^3) |
|--------------------|--|--|
| hand | 0.006 | 1.16 |
| forearm | 0.016 | 1.13 |
| upper arm | 0.028 | 1.07 |
| forearm and hand | 0.022 | 1.14 |
| total arm | 0.050 | 1.11 |
| foot | 0.0145 | 1.10 |
| lower leg (calf) | 0.0465 | 1.09 |
| upper leg (thigh) | 0.100 | 1.05 |
| foot and lower leg | 0.061 | 1.09 |
| total leg | 0.161 | 1.06 |
| head and neck | 0.081 | 1.11 |
| trunk | 0.497 | 1.03 |