**Supplementary Table 1: Regional composition of the relative limb size index (RLSI) calculated for each partial skeleton.**

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| --- | --- | --- |
| **Fossil** | **Available Measurements** | **Relative limb size index (RLSI)** |
| **Upper Body** | **Lower Body** |
| **A.L. 288-1** | G, H, B, U, R | F, Sub, A, T, Sac | $$ln\frac{\sqrt[5]{G×H×B×U×R}}{\sqrt[5]{F×Sub×A×T×Sac}}$$ |  |
| **KSD-VP-1/1** | G, B | A, Sac | $$ln\frac{\sqrt[2]{G×B}}{\sqrt[2]{A×Sac}}$$ |  |
| **DIK-1-1** | G | T | $$ln\frac{G}{T}$$ |  |
| **StW 573** | G, H, B, U, R | F, Sub, A, T | $$ln\frac{\sqrt[5]{G×H×B×U×R}}{\sqrt[4]{F×Sub×A×T}}$$ |  |
| **StW 431** | B, U, R | A, Sac | $$ln\frac{\sqrt[3]{B×U×R}}{\sqrt[2]{A×Sac}}$$ |  |
| **MH 1** | B, U | F, Sub, Sac | $$ln\frac{\sqrt[2]{B×U}}{\sqrt[3]{F×Sub×Sac}}$$ |  |
| **MH 2** | G, H, B, U, R | F, T, Sac | $$ln\frac{\sqrt[5]{G×H×B×U×R}}{\sqrt[3]{F×T×Sac}}$$ |  |
| **BOU-VP 12/1** | R  | Sub | $$ln\frac{R}{Sub}$$ |  |
| **TM 1517** | B, U | T | $$ln\frac{\sqrt[2]{B×U}}{T}$$ |  |
| **OH 80** | R | Sub | $$ln\frac{R}{Sub}$$ |  |
| **KNM-ER 1500** | U, R  | Sub, T | $$ln\frac{\sqrt[2]{U×R}}{\sqrt[2]{Sub×T}}$$ |  |
| **KNM-ER 1503/1504** | B | F, Sub | $$ln\frac{B}{\sqrt[2]{F×Sub}}$$ |  |
| **KNM-ER 3735** | B, R | Sac | $$ln\frac{\sqrt[2]{B×R}}{Sac}$$ |  |
| **KNM-WT 15000** | G, H, B, U | F, Sub, T, Sac | $$ln\frac{\sqrt[4]{G×H×B×U}}{\sqrt[4]{F×Sub×T×Sac}}$$ |  |
| **LES 1** | H, U | F, Sub, Sac | $$ln\frac{\sqrt[2]{H×U}}{\sqrt[3]{F×Sub×Sac}}$$ |  |
| **LB 1** | U | F, Sub, A, T | $$ln\frac{U}{\sqrt[4]{F×Sub×A×T}}$$ |  |