Conversion tool from CAVI to CAVIβ

enter CAVI values

Right CAVI
Left CAVI

calculated CAVIβ values

Right CAVIβ
Left CAVIβ

CAVI equation is written as below.

$$CAVIβ = 2ρ \cdot \ln(Ps/Pd)/(Ps-Pd) \cdot PWV^2$$

CAVIβ is also called CAVI', β' or haβ

CAVI = a · CAVIβ + b

CAVIβ = (CAVI – b) / a

Coefficients "a" and "b" in CAVI

CAVIβ before transformation	Low Range <7.34875	Middle Range	High Range ≥10.30372
Coefficient a	0.85	0.658	0.432
Coefficient b	0.695	2.103	4.441

Abbreviations: CAVI, cardio-ankle vascular index; CAVIβ, CAVI without the coefficients "a" and "b"; Ps, systolic blood pressure; Pd, diastolic blood pressure.