TABLE 4
95% CIs of specific metabolic rates of major organs and tissues[1]

Organ/tissue and Elia's K_i value	All subjects	21–30 y (young)	31–50 y (middle-age)	51–73 y
Liver (200 kcal · kg^{-1} · d^{-1})				
95% CIs for corresponding K_i values	(182, 201)	(191, 227)	(181, 212)	(150, 181)
P value from t test of H0[2]	0.087	0.31	0.67	<0.001
Marginal R^2 value[3]	0.92 (0.92)	0.93 (0.93)	0.93 (0.93)	0.93 (0.89)
Brain (240 kcal · kg^{-1} · d^{-1})				
95% CIs for corresponding K_i values	(220, 241)	(230, 267)	(219, 252)	(186, 219)
P value from t test of H0[2]	0.073	0.34	0.57	<0.001
Marginal R^2 value[3]	0.94 (0.94)	0.95 (0.95)	0.94 (0.94)	0.94 (0.91)
Heart (440 kcal · kg^{-1} · d^{-1})				
95% CIs for corresponding K_i values	(348, 434)	(402, 554)	(338, 479)	(213, 338)
P value from t test of H0[2]	0.024	0.32	0.37	<0.001
Marginal R^2 value[3]	0.72 (0.71)	0.79 (0.79)	0.73 (0.72)	0.68 (0.44)
Kidneys (440 kcal · kg^{-1} · d^{-1})				
95% CIs for corresponding K_i values	(336, 430)	(396, 568)	(328, 481)	(200, 332)
P value from t test of H0[2]	0.016	0.34	0.35	<0.001
Marginal R^2 value[3]	0.68 (0.66)	0.75 (0.74)	0.69 (0.69)	0.65 (0.37)
SM (13 kcal · kg^{-1} · d^{-1})				
95% CIs for corresponding K_i values	(12.0, 13.0)	(12.5, 14.4)	(12.0, 13.6)	(10.3, 11.9)
P value from t test of H0[2]	0.051	0.35	0.59	<0.001
Marginal R^2 value[3]	0.95 (0.95)	0.95 (0.95)	0.95 (0.95)	0.96 (0.93)
AT (4.5 kcal · kg^{-1} · d^{-1})				
95% CIs for corresponding K_i values	(3.21, 4.57)	(3.85, 6.37)	(3.14, 5.26)	(1.16, 3.34)
P value from t test of H0[2]	0.077	0.34	0.58	<0.001
Marginal R^2 value[3]	0.50 (0.49)	0.61 (0.60)	0.56 (0.55)	0.32 (0.00)
Res (12 kcal · kg^{-1} · d^{-1})				
95% CIs for corresponding K_i values	(10.9, 12.0)	(11.5, 13.6)	(10.9, 12.6)	(9.3, 11.0)
P value from t test of H0[2]	0.051	0.32	0.59	<0.001
Marginal R^2 value[3]	0.93 (0.93)	0.93 (0.93)	0.94 (0.94)	0.94 (0.91)

[1] AT, adipose tissue; Res, residual mass; SM, skeletal muscle.

[2] H0: K_i = Elia's K_i value.

[3] The proportion of marginal variability reduction; for liver, reduction was due to fitting least squares with Equation 5. The value within parentheses is the corresponding reduction by taking K_{liver} = 200 (Elia's value). This is likewise defined for other organs and tissues.