

Table . Regression coefficients for the best BACC-PS model (to predict EE in kcal/min)

Branch model	Predictors, units	Average values of coefficients	CV of coefficients
Sit	<Intercept>	5.2862	0.0687
	Weight, kg	0.0352	0.0504
	log(BMI), log(kg·m ⁻²)	-1.7594	-0.0854
	log(Acc1.cv)	0.1331	0.0550
Stand	<Intercept>	4.5758	0.1148
	Weight, kg	0.0364	0.0580
	log(BMI), log(kg·m ⁻²)	-1.8339	-0.1147
	Sens1.std ·Sens2.std ·Sens3.std·Sens4.std, (ADC units) ⁴	2.04·10 ⁻¹²	0.0452
Walk	<Intercept>	0.8406	0.9662
	Weight, kg	0.0745	0.0387
	log(BMI), log(kg·m ⁻²)	-2.0513	-0.1431
	Sens3.zc·Sens4.zc	277.0277	0.1246
	Acc3.std, ADC units	0.0001	2.3021
	Acc1.ent·Acc2.ent·Acc3.ent	0.3542	0.0805
Cycle	<Intercept>	-2.7295	-0.6184
	Weight, kg	0.0770	0.1067
	log(BMI), log(kg·m ⁻²)	-1.4837	-0.4172
	Acc1.std, ADC units	0.0014	0.3445
	Sens3.std·Sens4.std, (ADC units) ²	8.7·10 ⁻⁶	0.1069
	Acc3.ent	1.9431	0.1685