

Supplementary Material

Table S1. Quartile cut-off values ($\mu\text{mol/L}$) of branched-chain amino acids (BCAAs) and aromatic amino acids (AAAs), and the corresponding distribution of study subjects across quartile categories.

Amino.acids	Quartile categories	Cut-off values		Healthy		Hypertension	
		Male	Female	Male, <i>n</i>	Female, <i>n</i>	Male, <i>n</i>	Female, <i>n</i>
Ile	1	<53.55	<41.42	298	403	267	190
	2	53.55 to <60.54	41.42 to <46.10	298	405	299	205
	3	60.54 to <68.86	46.10 to <51.91	298	402	354	313
	4	≥ 68.86	≥ 51.91	298	403	553	555
Leu	1	<107.62	<83.16	298	403	292	164
	2	107.62 to <119.43	83.16 to <93.10	298	404	273	269
	3	119.43 to <131.66	93.10 to <102.52	298	403	329	281
	4	≥ 131.66	≥ 102.52	298	403	579	549
Val	1	<196.33	<157.25	298	403	272	150
	2	196.33 to <216.30	157.25 to <174.99	298	404	288	213
	3	216.30 to <238.97	174.99 to <193.15	298	403	356	263
	4	≥ 238.97	≥ 193.15	298	403	557	637
Phe	1	<52.71	<47.39	298	403	180	123
	2	52.71 to <57.35	47.39 to <51.44	298	404	274	196
	3	57.35 to <62.79	51.44 to <55.80	298	403	390	292
	4	≥ 62.79	≥ 55.80	298	403	629	652
Tyr	1	<54.61	<48.31	298	403	159	103
	2	54.61 to <61.44	48.31 to <54.28	298	404	236	189
	3	61.44 to <69.17	54.28 to <61.01	298	403	371	310
	4	≥ 69.17	≥ 61.01	298	403	707	661
Trp	1	<51.69	<43.14	298	403	367	235
	2	51.69 to <56.91	43.14 to <47.78	298	404	330	241
	3	56.91 to <62.36	47.78 to <52.32	298	403	363	326
	4	≥ 62.36	≥ 52.32	298	403	413	461

Ile, isoleucine; Leu, leucine; Lys, lysine; Phe, phenylalanine; Trp, tryptophan; Tyr, tyrosine; Val, valine.



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