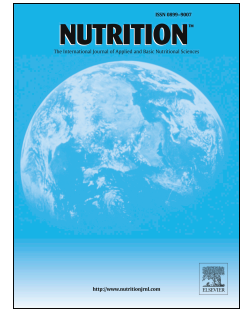


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Arginine intake is associated with oxidative stress in a general population

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Contributor statements

AMC designed and conducted the research, analyzed the data, and wrote the paper. AAFO, APML, GJFG, RMF, and DMM designed and conducted the research, and contributed to writing the paper. All authors read and approved the final draft of the manuscript.

Abbreviations: ROS, reactive oxygen species; NO[•], nitric oxide; GST, glutathione-S-transferases; ISA-Capital, Health Survey of São Paulo, FFQ, frequency food questionnaire; 24HR, 24-h dietary recall; CHARRED, Computerized Heterocyclic Amines Resource for Research in Epidemiology of Disease; MDA, malondialdehyde; HPLC, high-performance liquid chromatography; PCR: polymerase chain reaction; SNP, single nucleotide polymorphism; *GSTM1*: glutathione S-transferase Mu 1; *GSTT1*: glutathione S-transferase theta 1; CRP: C-reactive protein, BMI, body mass index, NADPH: nicotinamide adenine dinucleotide phosphate.

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