

CORRECTION

Correction: Sagittal Abdominal Diameter as a Surrogate Marker of Insulin Resistance in an Admixed Population—Brazilian Metabolic Syndrome Study (BRAMS)

The *PLOS ONE* Staff

There are errors in [Fig 2](#) that were introduced during the typesetting process. The publisher apologizes for these errors. Please see the complete, correct [Fig 2](#) and its legend here.

There are errors in [Table 2](#), “Correlation coefficients between anthropometrical parameters and clinical and metabolic variables with and without adjustment by age and total body fat mass”. Please see the corrected [Table 2](#) here.

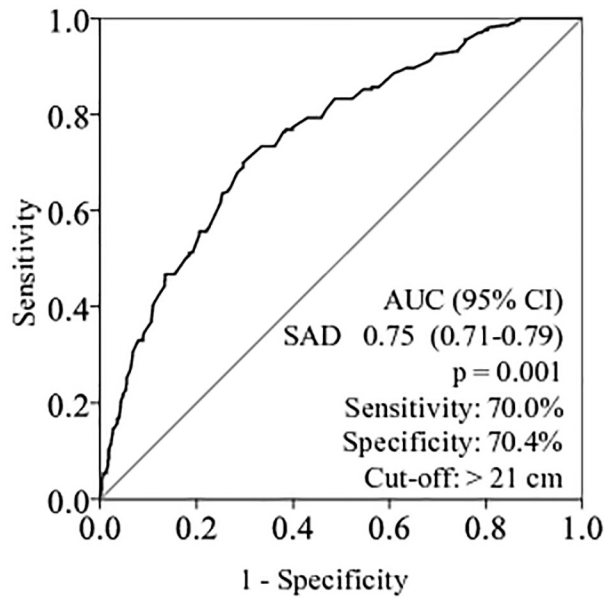
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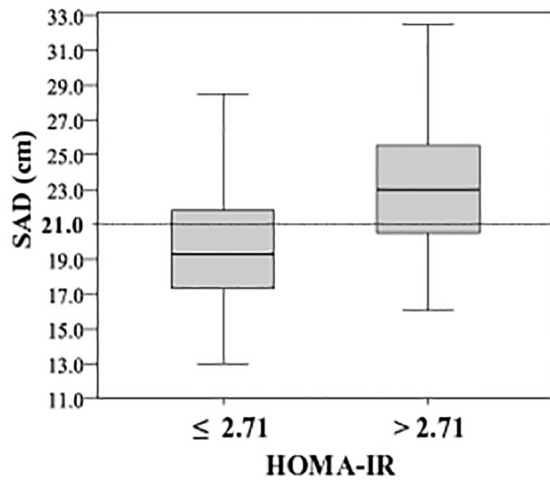
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A



B

$p < 0.001$



C

$p < 0.001$

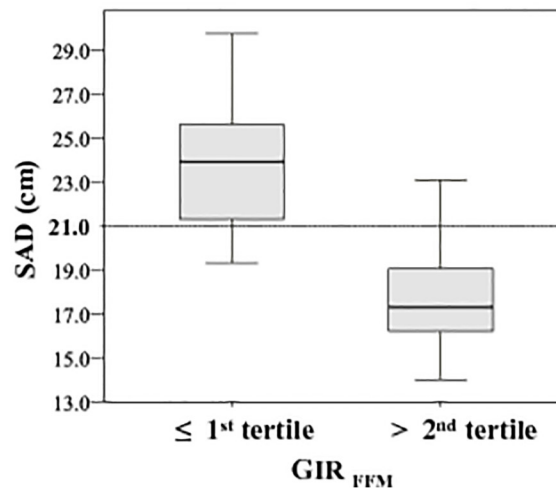


Fig 2. ROC curve for sagittal abdominal diameter for identifying the optimal cutoffs for insulin resistance according to the HOMA-IR index (A) and box plots with the distribution of the sagittal abdominal diameter according to the diagnostic of insulin resistance by the HOMA-IR index (B) and the hyperglycemic clamp test (C).

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Table 2. Correlation coefficients between anthropometrical parameters and clinical and metabolic variables with and without adjustment by age and total body fat mass.

Variables	SAD		BMI		WC		WHR	
	r	r*	r	r*	r	r*	r	r*
BMI ^a	0.88†	————	————	————	0.87†	————	0.53†	————
WC ^a	0.87†	0.58†	0.87†	0.57†	————	————	0.77†	0.79†
WHR ^a	0.62†	0.48†	0.53†	0.30†	0.77†	0.79†	————	————
SAD ^a	————	————	0.88†	0.51†	0.86†	0.58†	0.62†	0.48†
Age ^a	0.37†	————	0.32†	————	0.36†	————	0.46†	————
Systolic blood pressure ^a	0.39†	0.17†	0.42†	0.22†	0.35†	0.15†	0.26†	0.12†
Diastolic blood pressure ^a	0.42†	0.14†	0.43†	0.19†	0.38†	0.14†	0.31†	0.11§
Triglycerides ^a	0.32†	0.22†	0.25†	0.09§	0.28†	0.18†	0.31†	0.23†
HDL cholesterol ^a	-0.33†	-0.21†	-0.31†	-0.19†	-0.32†	-0.21†	-0.31†	-0.22†
Glucose ^a	0.21†	0.11§	0.22†	0.20†	0.22†	0.16†	0.23†	0.09§
Insulin ^a	0.40†	0.22†	0.39†	0.17†	0.35†	0.11§	0.22†	0.14†
Adiponectin ^a	-0.27†	-0.08§	-0.30†	-0.11§	-0.30†	-0.14†	-0.23†	-0.13†
Uric acid ^a	0.39†	0.14†	0.42†	0.15†	0.35†	0.08	0.26†	0.09
Gamma glutamyltransferase ^a	0.35†	0.20†	0.33†	0.17†	0.31†	0.19†	0.33†	0.29†
Alanine aminotransferase ^a	0.27†	0.12†	0.29†	0.14†	0.26†	0.12§	0.26†	0.21†
Aspartate aminotransferase ^a	0.14†	0.09§	0.15†	0.11§	0.12†	0.08	0.19†	0.15†

SAD = sagittal abdominal diameter, WC = waist circumference, WHR = waist-to-hip ratio.

^a Total Sample, n = 824.

r = Spearman's correlation coefficient.

r * = partial correlation coefficient adjusted by age and total body fat mass.

†p < 0.001.

§ p < 0.05.

doi:10.1371/journal.pone.0134747.t001

Reference

1. Vasques ACJ, Cassani RSL, Forti ACe, Vilela BS, Pareja JC, Tambascia MA, et al. (2015) Sagittal Abdominal Diameter as a Surrogate Marker of Insulin Resistance in an Admixed Population—Brazilian Metabolic Syndrome Study (BRAMS). PLoS ONE 10(5): e0125365. doi: [10.1371/journal.pone.0125365](https://doi.org/10.1371/journal.pone.0125365) PMID: [25951458](https://pubmed.ncbi.nlm.nih.gov/25951458/)