Author's response to reviews

Title: The INSIG2 rs7566605 genetic variant does not play a major role in obesity in a sample of 24,722 individuals from four cohorts

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To Whom It May Concern:

We are submitting a revised manuscript entitled “The INSIG2 rs7566605 genetic variant does not play a major role in obesity in a sample of 24,722 individuals from four cohorts”. In this manuscript, we have only made small typographical changes or minor changes in wording. These are indicated below in order of page number with respect to the revised manuscript:

Page 3 (line 19): “BMI > 30” was changed to “BMI ≥ 30”

Page 5 (line 4): “stroke[1, 2]” was changed to “stroke [1, 2]”

Page 5 (line 9): “30 in 2002-2004” was changed to “30 kg/m² in 2002-2004”

Page 5 (line 23): “(CI) = 1.05-142,” was changed to “(CI) = 1.05-1.42,”

Page 7 (line 23): “10, 696 white” was changed to “10,696 white”

Page 8 (line 2): “ratio (WHR).” was changed to “ratio.”

Page 8 (line 15): “WHR” was changed to “waist-to-hip ratio”; this change was made throughout the manuscript at all subsequent occurrences of the abbreviation:

    page 9 (line 17)
    page 10 (line 14-15)
    page 12 (lines 15, 18, 19)
    page 14 (line 10)
    page 15 (lines 13, 14, 20)

Page 10 (line 2): “Two groups” was changed to “Two cohorts”

Page 10 (line 12-13): “BMI>=30” was changed to “BMI ≥ 30”
Page 10 (line 22): “discordance” was changed to “accordance”

Page 12 (line 6): “BMI>=30” was changed to “BMI ≥ 30”

Page 12 (line 12): ‘continuous was” was changed to “continuous variable was”

Page 13 (line 5): “BMI>=30” was changed to “BMI ≥ 30”

Page 13 (line 8): “the rs7566605 SNP” was changed to “rs7566605”

Page 13 (line 10): “be associated with obesity in some but not all” was changed to “have variable effects in different”

Page 14 (line 9): “frequencies or an association” was changed to “frequencies, or association”

Page 14 (line 21): “908 patients” was changed to “908 Japanese patients”

Page 16 (line 9): “(>80%)” was changed to “(≥ 80%)”

Page 16 (line 11): “(OR = 1.29 -1.75)” was changed to “(OR = 1.29-1.75)”

Page 16 (line 12): “odds ratios” was changed to “ORs”

Page 16 (line 19): “Nurses Health” was changed to “Nurses’ Health”

Page 23, Table 1, legend: “African-American, number;” was changed to “African-American; n, number;”

Page 23, Table 1, legend: “chi-squared;” was changed to “chi-squared”

Page 24, Table 2, legend: “rs7566605 SNP CC” was changed to “rs7566605 CC”

Page 24, Table 2, legend: “(BMI>=30)” was changed to “(BMI ≥ 30)”

Page 24, Table 2, legend: “p value 1, p value” was changed to “p1, p-value”

Page 24, Table 2, legend: “p value 2, p value” was changed to “p2, p-value”

Page 24, Table 2, legend: “p value 3, p value” was changed to “p3, p-value”

Page 24, Table 2, legend: “p value 4, p value” was changed to “p4, p-value”

Page 25, Table 3, heading: “P1” was changed to “p1”
Page 25, Table 3, legend: “CC rs7566605 SNP” was changed to “rs7566605 CC”

Page 25, Table 3, legend: “p value 1, p value” was changed to “p₁, p-value”

Page 25, Table 3, legend: “anthropological” was changed to “anthropometric”

Please feel free to contact me if you have any questions or require any additional information. I would also like to thank you for the opportunity to publish our work in *BMC Medical Genetics*.

Sincerely,

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