CORRESPONDENCE

Response to: Haplotype-based case–control study of the human CYP4F2 gene and essential hypertension in Japanese subjects

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Zhenyan Fu and Tomohiro Nakayama reply:

First, we thank Dr Wenquan Niu and colleagues for their interest in our article¹ and for the questions they posed. Our responses are as follows.

- (1) We have reconfirmed that all data in Table 1 are correct. Furthermore, as requested, we have calculated the distributions of BMI in all subjects and in both genders.
- (2) We reconfirmed the data in Table 3. All *P*-values were correct. However, some

of the odds ratios and 95% CI were incorrect. These incorrect values were the result of misinterpretation of data for the risk or protective effect for each confounding factor. We apologize for our carelessness, and present the corrected Table 3.

These new data answer all the questions about BMI and smoking for the risk of hypertension from Dr Wenquan Niu and colleagues. We emphasize that these corrections do not depreciate the value of this article.

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¹ Fu Z, Nakayama T, Sato N, Izumi Y, Kasamaki Y, Shindo A, Ohta M, Soma M, Aoi N, Sato M, Matsumoto K, Ozawa Y, Ma Y. Haplotype-based case-control study of the human CYP4F2 gene and essential hypertension in Japanese subjects. *Hypertens Res* 2008; **31**: 1719–1726.

Table 1 Distributions of BMI in all subjects and in both genders

	EH		NT	
	<25	≥25	<25	≥25
BMI				
Total	59.4%	40.6%	78.9%	21.1%
Men	59.6%	40.4%	74.1%	25.9%
Women	59.0%	41.0%	85.4%	14.6%

Table 3 Odds ratios and 95% confidence intervals (CI) for each risk factor and SNP genotype associated with essential hypertension

Risk factor	Total			Men			Women		
	Odds ratios	95% CI	P-value	Odds ratios	95% CI	P-value	Odds ratios	95% CI	P-value
rs 1558139 CC genotype	1.290	0.838–1.984	0.247	1.829	1.076–3.111	0.026	0.603	0.275–1.322	0.206
BMI	1.173	1.095–1.255	0.000	1.132	1.042–1.229	0.003	1.299	1.131–1.492	0.000
DM	1.985	0.810–4.866	0.134	2.426	0.839–7.017	0.102	1.029	0.173–6.126	0.975
Smoking	1.720	1.117–2.648	0.014	1.885	1.101–3.230	0.021	1.402	0.580–3.392	0.453