Erratum: "Performance of Multi-City Land Use Regression Models for Nitrogen Dioxide and Fine Particles"

Wang et al. discovered an error in their article "Performance of Multi-City Land Use Regression Models for Nitrogen Dioxide and Fine Particles" [Environ Health Perspect 122:843–849 (2014); http://dx.doi.org/10.1289/ehp.1307271]. In Table 3, beta values for the NO_2 model were incorrect. The corrected table appears below.

Table 3. European models for NO_2, $PM_{2.5}$, and $PM_{2.5}$ absorbance.

Predictors	Partial R^2	β^a	$Model_{intra}{}^b$ R^2/IQR	LOAOCV R^2/RMSE
NO_2 (n^c = 960, final model R^2 = 0.56)			0.59/0.19	0.50/8.49 ($\mu g/m^3$)
Regional background concentration	0.08	2.63E-01		
Traffic load in 50 m	0.35	2.44E-06		
Road length in 1,000 m	0.50	2.74E-04		
Natural and green in 5,000 m	0.55	−2.84E-07		
Traffic intensity on the nearest road	0.56	2.21E-04		
Intercept		1.38E+01		
$PM_{2.5}$ (n^c = 356, final model R^2 = 0.86)			0.48/0.16	0.81/2.38 ($\mu g/m^3$)
Regional background concentration	0.71	9.73E-01		
Traffic load between 50 m and 1,000 m	0.81	4.75E-09		
Traffic load in 50 m	0.84	5.28E-07		
Road length in 100 m	0.86	2.12E-03		
Intercept		3.06E-01		
$PM_{2.5}$ absorbance (n^c = 356, final model R^2 = 0.70)			0.70/0.19	0.70/0.45 (10^{-5}/m)
Regional background concentration	0.28	9.06E-01		
Traffic load in 50 m	0.58	2.07E-07		
Road length in 500 m	0.67	2.90E-05		
Natural and green in 5,000 m	0.69	−9.63E-09		
Traffic load between 50 m and 1,000 m	0.70	4.20E-10		
Intercept		2.95E-01		

[a]Coefficients of predictor variables in the models. [b]The $Model_{intra}$ R^2s show the median and interquartile range (IQR) of the within-area variability explained by the European model in individual areas. [c]Number of monitored sites available for model building.

The authors regret the error.