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Author Correction: Mapping road network communities for guiding disease surveillance and control strategies

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-018-22969-4>, published online 16 March 2018

This Article contains errors in the following equations:

In the Results section, under the subheading ‘Detecting communities in the African road network’, the equation:

$$\cos(\theta) = \mathbf{r}_{i,j}\mathbf{r}_{j,p}/|\mathbf{r}_{i,j}\mathbf{r}_{j,p}|, \text{ where } \mathbf{r}_{i,j} = \mathbf{r}_j - \mathbf{r}_i$$

should read:

$$\cos(\theta) = |\mathbf{r}_{i,j} \cdot \mathbf{r}_{j,p}|/|\mathbf{r}_{i,j}\mathbf{r}_{j,p}|, \text{ where } \mathbf{r}_{i,j} = \mathbf{r}_j - \mathbf{r}_i$$

In addition, under the same subheading, the equation:

$$P(k)k^{-\gamma}$$

should read:

$$P(k) \sim k^{-\gamma}$$

Furthermore, Equation 1:

$$w_{i,j} = \frac{1}{|\mathbf{r}_{i,j}|} \int_{\mathbf{r}_i}^{\mathbf{r}_j} m(\mathbf{r})p(\mathbf{r})d(\mathbf{r})$$

should read:

$$w_{i,j} = \frac{1}{|\mathbf{r}_{i,j}|} \int_{\mathbf{r}_i}^{\mathbf{r}_j} m(\mathbf{r})p(\mathbf{r})d\mathbf{r}$$

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