Corrections to 'Speech encoding by coupled theta and gamma oscillations'

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This document corrects some typos and missing elements from the article 'Speech encoding by coupled theta and gamma oscillations' by Hyafil and colleagues published in *eLife* in 2015.

- The correct differential equation for synaptic rise and activation function (page 13 of original article) are :

$$\frac{dx_{ij}^R}{dt} = -\frac{x_{ij}^R}{\tau_j^R} + \delta(t - t_j^{SPK}) \tag{1}$$

$$\frac{ds_{ij}}{dt} = \frac{x_{ij} - s_{ij}}{\tau_j^D} \tag{2}$$

- The value of the optimal conductance from Ti to Te neurons was missing from Table 3. It is $g_{Te,Ti} = 6.66$.
- The value of the constant current to Ti neurons I_{Ti}^{DC} was mistyped as τ_{Ti}^{DC} in Table 3 (its value is 0.0851).
- Connectivity from Gi to Ge neurons was set to $g_{Ge,Gi} = 10/N_{Gi}$, and not $10/N_{Gi}$ as erroneously reported in Table 1.
- Connectivity from Te to Ge (the theta-to-gamma projection) was set to $g_{Ge,Te} = 1/N_{Te}$ (ignore the value of $g_{Te,Ge}$ in Table 1).
- The potassium potential V_K described in Table 1 was not used.