Corrections

Correction: Schiller et al., "Memory and Space: Towards an Understanding of the Cognitive Map"

In the article "Memory and Space: Towards an Understanding of the Cognitive Map" by Daniela Schiller, Howard Eichenbaum, Elizabeth A. Buffalo, Lila Davachi, David J. Foster, Stefan Leutgeb, and Charan Ranganath, which appeared on pages 13904–13911 of the October 14, 2015 issue, the authors wish to correct three sentences listed below. These corrections do not affect the main conclusions and interpretations of the paper.

In the section Cognitive Maps of Abstract Spaces in the Hippocampus, second column, first paragraph, 13th line on page 13905, the sentence should be corrected as follows: "These studies have shown that similarity in hippocampal voxel patterns between two events was related to subjective sense of temporal proximity and successful discrimination of the temporal order of events in memories (Ezzyat and Davachi, 2014; DuBrow and Davachi, 2014; for review, see Davachi and DuBrow, 2015). Statistical learning of temporal associations between two items has also been associated with increased similarity of hippocampal patterns (Schapiro et al., 2012)."

In the section Cognitive Maps of Abstract Spaces in the Hippocampus, second column, second paragraph, the first sentence on page 13905 should be corrected as follows: "In addition, two studies further explored the hippocampal representation of specific sequences of items."

In the section Hippocampal Navigation via Memory for Paths through the Cognitive Map, first column, second line on page 13909, the sentence should be corrected as follows: "Using multivariate analyses of fMRI data, studies have found evidence for offline reactivation of recently learned information in the entorhinal and retrosplenial cortex (Staresina et al., 2013) and in visual cortical areas (Deuker et al., 2013). Furthermore, evidence for hippocampal replay in humans was recently reported (Tambini and Davachi, 2013). In this paper, selective hippocampal patterns associated with encoding persisted into post-encoding rest periods and the extent to which this happened predicts memory for the recently encoded items."

The full reference citation for the added reference is:

Reference

Tambini A, Davachi L (2013) Persistence of hippocampal multivoxel patterns into postencoding rest is related to memory. Proc Natl Acad Sci USA 110: 19591–19596. 10.1073/pnas.1308499110 24218550

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Correction: Drugowitsch et al., The Cost of Accumulating Evidence in Perceptual Decision Making

In the article "The Cost of Accumulating Evidence in Perceptual Decision Making" by Jan Drugowitsch, Rubén Moreno-Bote, Anne K. Churchland, Michael N. Shadlen, and Alexandre Pouget, which appeared on pages 3612–3628 of the March 14, 2012 issue, there were two typographical errors in the Materials and Methods section as listed below. These corrections do not affect the main conclusions and interpretations of the paper.

On page 3615, first column, last paragraph before Equation 12, sixth line, δt_{eff} was incorrectly defined as $\delta t_{eff} = \delta t/(1 + 1/\sigma_\mu^2)$, whereas it is correctly given by $\delta t_{eff} = \delta t/(t + 1/\sigma_\mu^2)$, with t replacing the first 1 in the incorrect expression.

On page 3616, first column, the last term in Equation 19 should have been $\frac{1}{1 + e^{-2\theta(t)\mu_0}}$. The incorrect expression missed the minus sign in the exponential.

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