CORRECTION

Correction to: Top-down Modulation of Outcome Processing in Primary Sensory Cortex for Flexible Behavior

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Published online: 9 May 2021

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Correction to: Neurosci. Bull.

<https://doi.org/10.1007/s12264-021-00656-1>

The original version of this article unfortunately contained some mistakes.

The authors found that in this article, the Fig. 1 was wrong, and the corrected Fig. 1 was showed as following.

The original article can be found online at <https://doi.org/10.1007/s12264-021-00656-1>.

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Fig. 1 Schematic showing the dynamic recruitment of S1 and IOFC neurons and their interactions supporting the adaptive decisions during different learning phases of a reversal learning task, based on the findings of Banerjee *et al.* [6]. During initial learning (phase 1, from LN to LE) of a texture-discrimination ‘go/no-go task’, S1 encodes both the sensory stimulus and the behavioral outcome, which is critical for mice to learn the S-O contingency. After the S-O contingency is switched, the IOFC saliently and transiently encodes

both positive and negative prediction errors after immediate reversal (phase 2, from LE to RN), which contributes to the flexible re-mapping of S-O contingency. When mice re-learn the switched S-O contingency (phase 3, from RN to RE), reward-history-dependent signals in the IOFC facilitate the re-mapping from Correct-rejection-selective to Hit-selective activity in S1. B, baseline; S, stimulus-presentation window; R, reward-outcome window.