



Corrigendum

Corrigendum to 'The sound of size' crossmodal binding in pitch-size synesthesia: A combined TMS, EEG and psychophysics study [NeuroImage 59/1(2012) 663–672]

Nina Bien ^{*}, Sanne ten Oever, Rainer Goebel, Alexander T. Sack

Department of Cognitive Neuroscience, Faculty of Psychology and Neuroscience, Maastricht University, The Netherlands

The authors regret that on page 664 of the Introduction it states that “To this end, we employed the Ventriloquist paradigm (Driver, 1996)”, and in the Discussion on page 668 the article states: “To this end we employed a pitch-size variant of the spatial Ventriloquist illusion”. Although in this context we also cited the work by [Parise and Spence \(2009\)](#), we would like to explicitly clarify that we here in fact employed the behavioral task described by [Parise and Spence \(2009\)](#) in their psychophysical experiment 3. Also, on page 668 of our Discussion it states that “Recent studies ([Parise and Spence, 2008, 2009](#)) reported some initial proof of the existence of pitch-size synesthesia, using a similar approach.” However, this should rather read that: “[Parise and Spence \(2009\)](#) were the first to provide psychophysical evidence that synesthetic congruency (i.e., crossmodal correspondences) can promote multisensory integration.”.

Using the behavioral paradigm described by [Parise and Spence \(2009\)](#), our own study combined transcranial magnetic stimulation (TMS) with electroencephalography (EEG) to unravel the neural source and neural temporal network characteristics underlying this sort of multisensory integration of synesthetic congruency, empirically retracing the origin of the synesthetic pitch-size mappings to a right intraparietal involvement around 250 ms.

The authors would like to apologise for any inconvenience caused.

References

- Parise, C., Spence, C., 2008. Synesthetic congruency modulates the temporal ventriloquism effect. *Neuroscience Letters* 442, 257–261.
- Parise, C.V., Spence, C., 2009. 'When birds of a feather flock together': synesthetic correspondences modulate audiovisual integration in non-synesthetes. *PLoS ONE* 4 (5), e5664 <http://dx.doi.org/10.1371/journal.pone.0005664>.

DOI of original article: <http://dx.doi.org/10.1016/j.neuroimage.2011.06.095>.

^{*} Corresponding author. Fax: +31 433884125.

E-mail address: nina.bien@maastrichtuniversity.nl (N. Bien).