Department of Psychology The University of Sheffield Floor D, Cathedral Court 1 Vicar Lane Sheffield S1 2LT 27th October 2016

The Editor PLOS ONE

Dear Editor,

Please find attached our manuscript 'Target-distractor Synchrony Affects Performance in a Novel Motor Task for Studying Action Selection'.

We think it will be of interest to your readers as it presents a novel method for measuring reaction time and stylus movement accuracy in a constrained target distractor psychophysics task.

All of the authors agree to its submission.

Sincerely,

Sebastian James

corresponding author