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synapses at 10 Hz and 20 Hz (cross symbol). Note the quick recovery of the cortical input onto MSNs (asterisk symbol).

Figure 4: *NMDA / AMPA receptor ratio at CL, Pf and cortical synapses on MSNs*

Postsynaptic excitatory currents were recorded from MSN held at +40 mV to reveal both AMPA receptor and NMDA receptor-mediated currents or just AMPA receptor-mediated currents in the presence of D-AP5. Each excitatory input has a distinct ratio of currents mediated by either receptor type. CL synapses on MSNs exhibit predominant AMPA receptor-mediated currents. Pf synapses on MSNs

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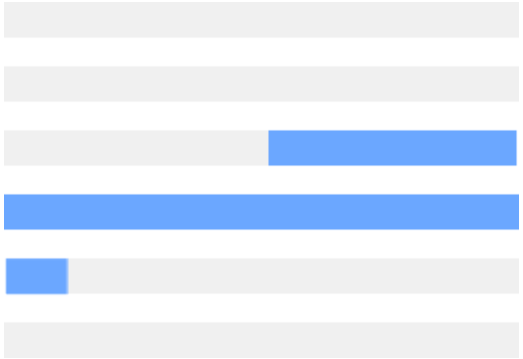

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James

Background in neuroscience

Chris

Senior software developer

15 years experience

Department for Business Innovation & Skills

Useful?

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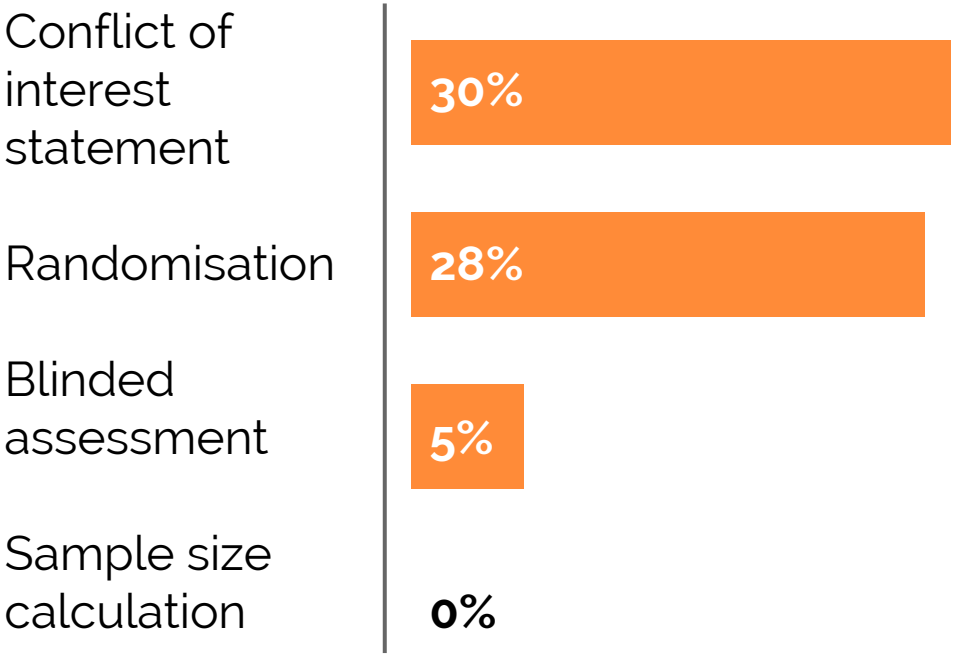
Sub-optimal reporting of indicators of methodological quality in in-vivo animal studies.

Ioannidis *et al.* 2014, The Lancet



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