Review of: "Cortical-subcortical structural connections support transcranial magnetic stimulation engagement of the amygdala"

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Thanks for sharing an interesting paper. The authors delivered single-pulse TMS over the left vlPFC defined by the strongest functional connectivity with the left amygdala and monitored the TMS evoked BOLD response over the left amygdala. They examined the extent to which TMS can modulate amygdala by the vlPFC-amygdala circuit. It is an important and “hot” for uncovering the TMS effect and its application in treatments for mood disorders. The study is well designed and the manuscript is straightforward written. They found larger TMS evoked changes in amygdala as compared to other subcortical regions. In addition, the amygdala responses was highly related to the white matter fiber density. These findings provide substantial evidence that amygdala could be indirectly modulated by cortical TMS over regions guided by structural and functional connectivity with amygdala.