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## The Association between Visual Creativity and Cortical Thickness in Healthy Adults

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### Highlights

- Visual creativity was significantly negatively correlated with cortical thickness in the left middle frontal gyrus, right inferior frontal gyrus, right supplementary motor cortex and the left insula.
- Thinner cortical thickness of these brain regions corresponds to higher visual creativity.
- The thinner cortical thickness of the PFC (e.g. IFG, MFG), SMA and the insula corresponded to higher visual creative performance, presumably for their role in executive attention, cognitive control, motor planning and dynamic switching.

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