the existence of a spin-1/2 t^* is excluded below a mass of 1050 GeV and for a spin-3/2 t^* below a mass of 1700 GeV. These are the most stringent limits to date and the first exclusion limit for a spin-1/2 t^* resonance at 13 TeV. The results also substantially improve the spin-3/2 exclusion limits compared to previous results.

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Declarations

Conflict of interest The authors declare that they have no conflict of interest.

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