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## Data-driven determination of the light-quark connected component of the intermediate-window contribution to $g_\mu - 2$ .

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We provide estimates for the light-quark-connected component of the RBC/UKQCD intermediate-window-hadronic contribution to the muon anomalous magnetic moment. We find significant tensions between our data-driven result,

$a_\mu^{W1,rm1qc} = 198.8(1.1) \times 10^{-10}$ , and recent lattice computations.

### Topical area

Structure of Hadrons and Nuclei

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