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## Model Independent Constraints on $R(J/\psi)$

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LHCb has recently presented a measurement of  $R(J/\psi) = \mathcal{BR}(B_c^+ \to J/\Psi \tau^+ \bar{\nu}_{\tau})/\mathcal{BR}(B_c^+ \to J/\Psi \mu^+ \bar{\nu}_{\mu})$ . The value,  $R(J/\psi) = 0.71 \pm 0.17 \pm 0.18$  is in mild tension with the range of model predictions 0.25-0.28. The model transition form factors dominate the systematic uncertainty of the measurement and limit the predictions to a range of values. To improve this situation, we have undertaken to compute model-independent constraints on the transitions form factors via dispersive methods. This allow for rigorous error estimates to be assigned and  $R(J/\psi)$  to be computed.

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