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The forward-backward asymmetry in $B \rightarrow K^* \mu^+ \mu^-$.

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The forward backward asymmetry distribution for the rare dileptonic decay $B \rightarrow K^* \mu^+ \mu^-$ in the region below the J/ψ resonance is calculated. We use the form factors for $B \rightarrow K^*$ transition which are predicted by the anti-de Sitter/Quantum Chromodynamics (AdS/QCD) correspondence. We compare our results with those obtained from QCD sum rules.

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