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Testing the Cosmological Principle

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That the universe is statistically isotropic when averaged over large scales is a foundational 'principle' of the standard cosmological model. Recent surveys of the distribution of galaxies and studies of the CMB now make it possible to test this - with some intriguing results.

[arXiv:1703.09376, arXiv:1711.08441, arXiv:1712.03444]

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