

Large-scale metric inhomogeneities.

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We examine the effect of the local large scale inhomogeneities on cosmological measurements and the analysis of low-redshift data, such as supernovae Ia, cosmic chronometers, baryon acoustic oscillation data, etc. Specifically, we are interested in the effect of local inhomogeneity in cosmic metric on the local measurements of cosmic expansion rate. Additionally, the local inhomogeneities influence the cosmic inferences obtained from low-redshift data that regard the dynamics of cosmic expansion and the constraints on dark energy models.