

A possible non-linear solution to the S8 tension

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I will review the evidence for a low value of S8 from cosmic shear. I will then argue that the discrepancy with the Planck value of S8 may be caused by uncertainties in the theoretical predictions for cosmic shear arising from the modelling of the mass fluctuations on small scales. In other words, the S8 discrepancy may reflect a tension between small and large scales rather than a tension between physics at early and late times.

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