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## What can we learn from dilepton angular distributions at Z0 peak at the LHC?

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Recently ATLAS published new data on dilepton angular coefficients in Z-boson production at the energy 8 TeV. In particular the famous Lam-Tung relation was shown to be broken and NNLO QCD corrections could explain only a fraction of this phenomenon. We investigate properties of the dilepton angular distributions and Lam-Tung relation breaking within  $k_T$ -factorization framework and confront predictions of several models with ATLAS data.

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