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Measurements of Top Quark Mass at the Tevatron in the dilepton final state using neutrino weighting HUANZHAO LIU[1], Southern Methodist University, DZERO COLLABORATION — We present the measurement of the mass of the top quark (m_t) in inclusive dilepton final states of $t\bar{t}$ events using the full Run II data set corresponding to an integrated luminosity of 9.7 fb$^{?1}$. Employing the expected neutrino rapidity distribution the neutrino weighting technique is used to extract a measurement of m_t. Ensemble tests of pseudo-experiments are performed to calibrate and correct the extracted m_t, and to estimate its statistical uncertainty. The measured top quark mass is reported and compared to other recent mass measurements.

[1]Presenting on behalf of the D0 Collaboration

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