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Top quark property measurements at ATLAS (15' + 5')

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We present result on the direct measurement of the top quark mass in the lepton+jets channel, and an indirect measurement of the top quark mass from the top quark pair production cross section. We also present a measurement of the W boson polarisation in top quark decays and set limits on anomalous contributions to the Wtb vertex. All data were collected from proton-proton collisions at $\sqrt{s}=7$ TeV, recorded with the ATLAS detector during 2010.

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