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Measurement of the WW+WZ Production Cross Section in Proton-Proton Collisions at sqrt(s) = 7 TeV with the ATLAS Detector in the semileptonic decay channel DAVID PULDON, Stony Brook University, ATLAS COLLABORATION — A measurement of the WW/WZ production cross section is presented in pp collisions at $\sqrt{s} = 7$ TeV. The cross section is measured in the WW/WZ→lvqqbar decay channel using data gathered by the ATLAS detector at the Large Hadron Collider during 2011 and corresponding to an integrated luminosity of 4.7 ± 0.2 fb^{-1}. This cross section measurement will be compared to the Standard Model expectation value of 63.4 ± 2.6 pb and the anomalous triple gauge coupling limits for gammaWW and WWZ will also be addressed.

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