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Measurement of Associated WW and WZ Production in lepton+jets Final States in ppbar Collisions at $\sqrt{s}$ = 1.96 TeV JOE HALEY, Northeastern University, D0 COLLABORATION — We present a measurement of associated WW and WZ diboson produced at a center-of-mass energy of $\sqrt{s}$ =1.96 TeV with the D0 detector at the Fermilab Tevatron collider. The search is performed in events containing one lepton (electron or muon), an imbalance in the transverse energy, and two or more jets with 5.3 fb^{-1} of data. The separation of signal and background events was done using a Random Forest classifier. This analysis provides a proving ground for the analogous low mass Higgs boson searches at the Tevatron.

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