Signal and background mllll distributions 0.16 ATLAS Open Data Total background work in progress Signal ($m_H = 125 \text{ GeV}$) 0.14 -0.12 Arbitrary units 0.10 -0.08 -0.06 0.04 0.02 0.00 80 100 120 140 160 180 200 220 240 4-lepton invariant mass m₄₁ [GeV]