

# Search for associated production WH, ZH with H decaying to b bbar at ATLAS.

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Updated results are shown in the search for the Higgs decay into b-bbar where the Higgs boson is produced in association with a vector boson (W/Z). The search is performed using the complete 2011 and 2012 datasets collected by the ATLAS detector at the LHC. The analysis is done in three different lepton multiplicities (0, 1, and 2 leptons), corresponding to the decays of ZH ( $Z \rightarrow \nu + \nu$ ), WH ( $W \rightarrow e/\mu + \nu$ ), and ZH ( $Z \rightarrow ee/\mu\mu$ ), respectively. Results from each category are shown. The final measurement is a combination of all three lepton categories.

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