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## A combined test of CP violation in Higgs Boson coupling with electroweak gauge boson (W/Z)

This poster shows a combined test of CP violation in the coupling between Higgs Boson and electroweak gauge boson (W/Z) via decay channels including  $H \rightarrow \gamma\gamma$ ,  $ZZ$ ,  $WW$ ,  $\tau\tau$ , and  $bb$  analysis which were conducted by ATLAS experiment using the full Run-2 pp dataset at  $\sqrt{s} = 13$  TeV. The constrain is set on parameters describing the strength of CP-odd component in coupling in effective field theory base. The results represent the most stringent constraints up to date on CP violation in Higgs-weak boson couplings

### Secondary track

**Author:** COLLABORATION, ATLAS

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