Working Status

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SH model

- Need to understand more about ZZ effects.

- Add $H \rightarrow WW \rightarrow e\mu\nu\nu$ Higgs Pt to the fit.

HHML 2LSS

- Comments from last meeting
  - Some correction
    - Mix PLV and FCtight together may bring out issues on SF in the future.
    - They think suppression by PLV is reasonable
  - Next step with Fake factor method
    - Check the njet dependence, have a function of pt if needed
  - How to use MVA towards fake bkgs
    - Negetive weight
    - Distributions is from Data-MC
    - Using shapes from ttbar, Zjets MC and rescale them to total fakes yields?

- FakeBkgTools from ATLAS Isolation and Fake Forum
  - A package provides standard matrix method under athena
  - Standalone compilation for custom ntuples analysis