

# Weekly

Kaili

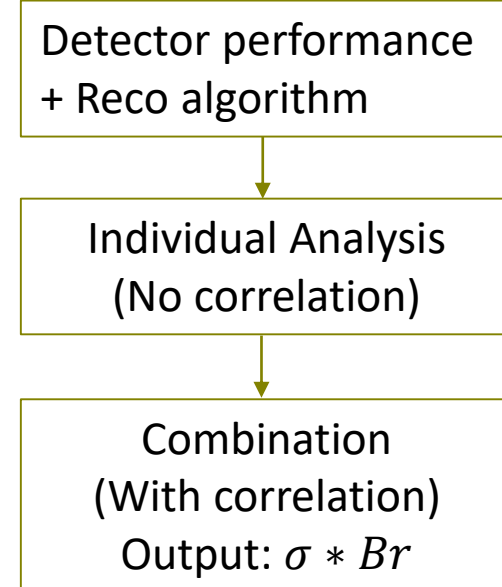
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- <https://indico.ihep.ac.cn/event/9960/session/11/contribution/26/material/slides/0.pdf>
- Feedbacks:
  - Bruce: Standard model is also one model -> Kappa framework is not model independent.
  - Zhen:
    - Unnecessary to take HEPFit if we only do Higgs coupling fit
    - Higgs width. Here exotic  $\text{Br} < 0$  assumption only affect the negative side. Like (-1.2%, 1.4%).
    - Fcc use median 1.3%, Zhen thought to use 1.4%. Actually no difference.
  - Invisible channel;
- Bruce 360GeV SH model -> wait for signal generation.

# Evolving Combination



- Good enough results, still a lot of to do
  - Analysis update slowly. Esp. for some crucial channels.
  - Many progress Manqi showed in the performance session didn't enter the combination yet, like jet separation, tau finding.....
  - Critical for the following combination Study. -> work for TDR.
- > Limited manpower, Your effort would be appreciated!
- Still need to understand the correlation
- More powerful tools: HEPFit? Use workspace in each channel?
- Far from the CEPC fully/ultimate potential. -> Matrix Element Method.
  - Not so reliable for current study but worth for the future plan.



- ATLAS Brem Fit:
  - Stephane do not have so clear following plan. Still discussing
- To Go

