CEPC HZZ Analysis Update

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Merely cut-based fitting results

> Comparisons

Channel	BDT	Cut (previous)	Cut (BDT optimized)	Merely cut-based
μμΗννjj	15.10	17.82	16.89	18.15
μμΗjjνν	56.76	71.09	71.62	65.25
ννΗμμjj	13.45	15.41	13.22	13.45
ννΗjjμμ				27.83
qqΗννμμ	50.89	65.23	54.19	5426
qqΗμμνν	45.60	54.17	42.74	63.93
Combined	9.49	11.09	9.85	9.68

Status

- Finished six channels' cut flows and fitting
- > Fitting results in CEPC memo updated
- > Fitting part of analysis code updated

Next to do

➤ To be decided