

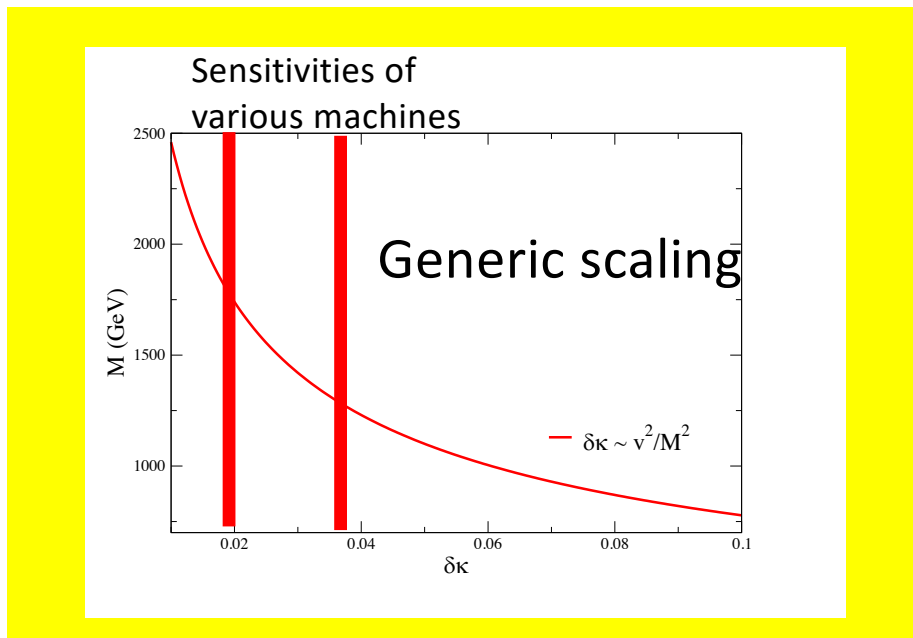
EF01/EF02 Summary plot ideas

DRAFT

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Please send suggestions for improvements
or better yet, make a plot for us!!!

Information from Higgs coupling measurements

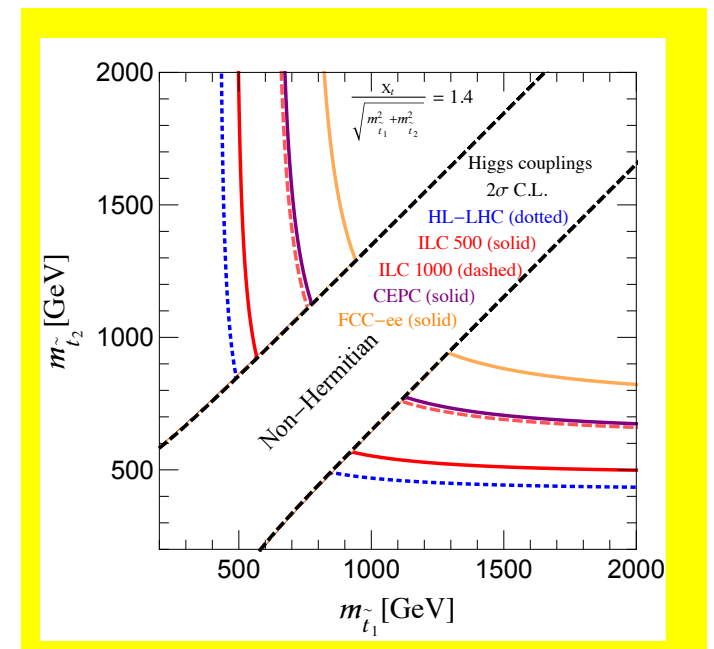


Include in text a table of the mass reach (for unit coupling) for some simple models following [Arxiv:1711.10391](#), [Arxiv:2007.01296](#)

* Exceptions to this scaling exist

Connections to simplified models

- Intent is to demonstrate that deviations in couplings can be correlated with new heavy particles without going into details of model
- Compare generic couplings generated at tree level with those generated at loop level
- This example has stops in loop
- Can connect with precision W/Z/t measurements at FCC-ee

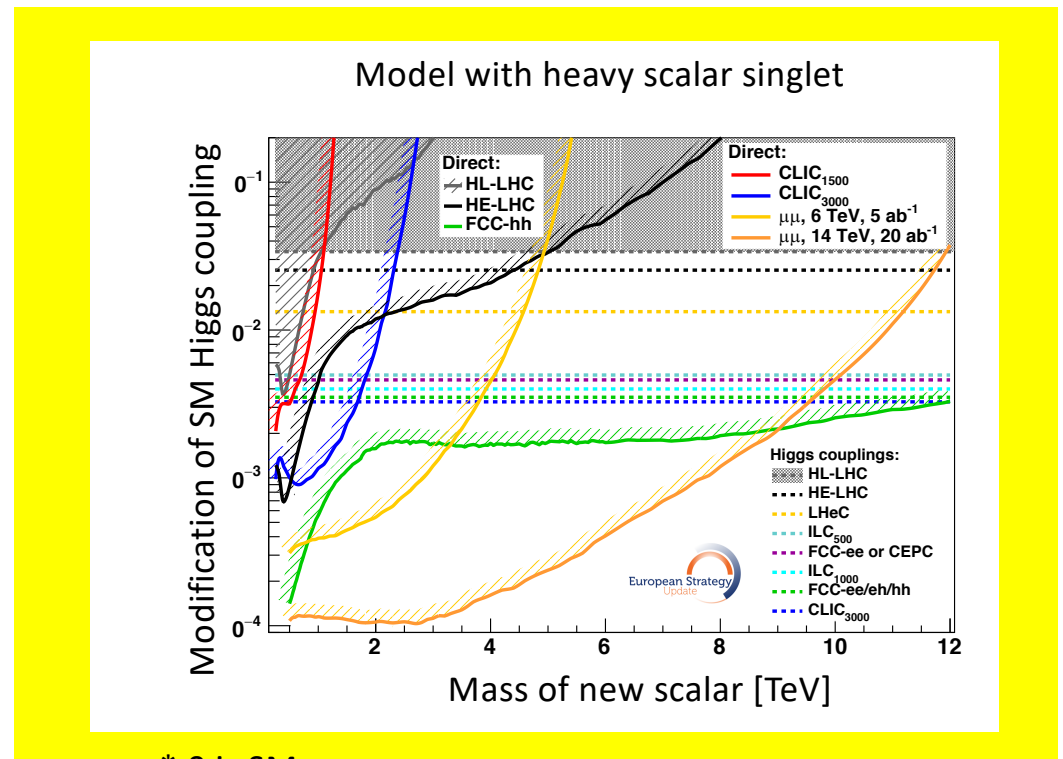


[Arxiv:1412.3107](https://arxiv.org/abs/1412.3107)

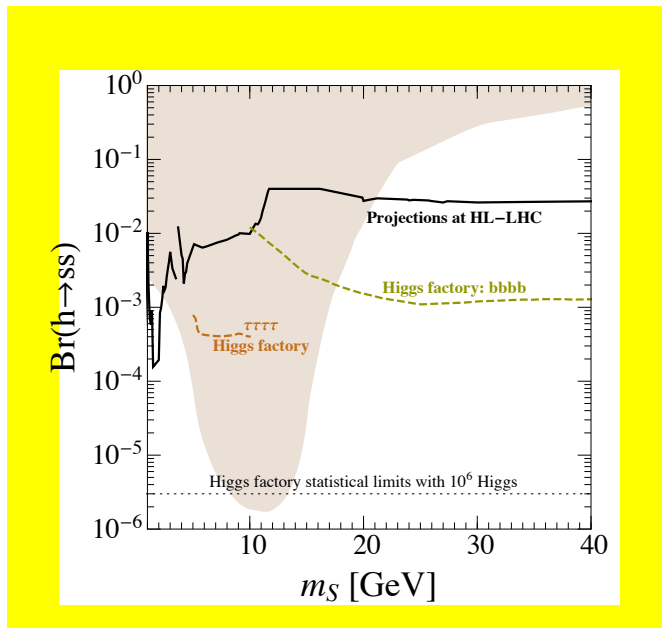
Results from a specific model

- The devil is in the details.....
- Update with latest sensitivities
- Remove a few curves to simplify
- Cut-off curves at unitarity bound

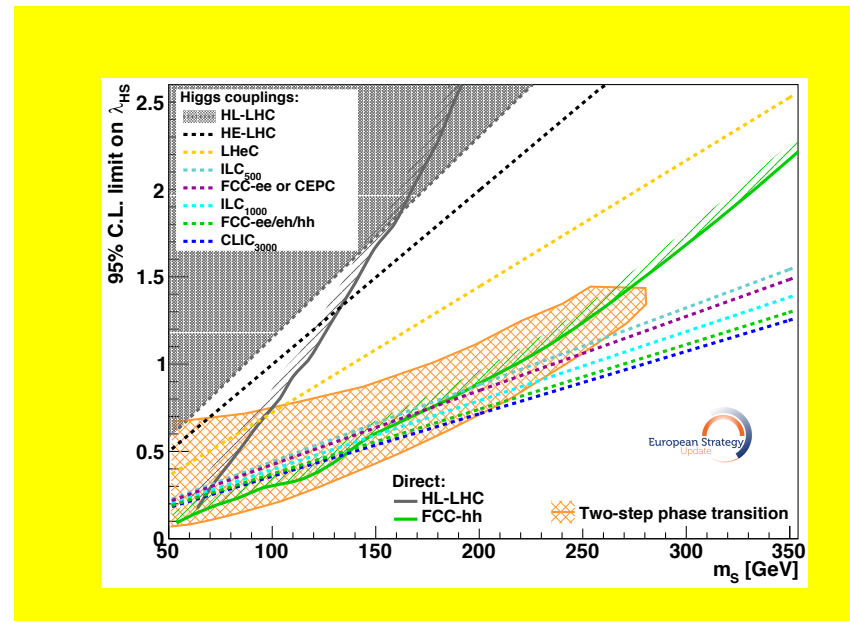
[European Strategy Report](#)



Connection of HH to EWPT



[Arxiv:2203.08206](https://arxiv.org/abs/2203.08206)



[ESG: 1910.11775](https://arxiv.org/abs/1910.11775), [Arxiv:1409.0005](https://arxiv.org/abs/1409.0005)