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The Price of a Large Electron Yukawa modification

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In the context of a possible Higgs pole run at FCC-ee, I discuss the theoretical ‘price’ of a large electron Yukawa modification. I start from an effective field theory viewpoint, considering the impact of renormalisation group effects on related observables and also examining assumptions on the broader UV flavour structure. I will then give an overview of the landscape of simplified models, investigating phenomenological constraints arising at higher orders.

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