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Lepton Flavor Violation with Decoupled Sfermions

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We present experimental implications of lepton flavor-violating processes within a supersymmetric type-I seesaw framework in three-extra-parameter non-universal Higgs model (NUHM3) where right handed neutrinos act as the source of lepton flavor violation. Our numerical analysis includes full 2-loop renormalization group running effects for the three neutrino masses and mass matrices. We show discovery potentials of the prospected LFV process experiments (i.e. Mu2e, Mu3e, MEG-II), and specify regions that have already been excluded and will be probed by LHC and dark matter searches.

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