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## **Lepton masses in a non universal U(1) model with three families**

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In a model with additional U(1) symmetry, anomaly free, the mass of the active neutrinos is generated by the inverse see saw mechanism. The muon and tau get masses at the tree level and the mass of the electron is generated by effective operators of dimension 7 by introducing a Lambda scale. Using a Monte Carlo simulation, the model parameters are adjusted according to the mass of the charged leptons, the squared mass differences of the neutrinos, and the PMNS mixing matrix.

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