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## A flavor model for cobimaximal mixing

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The lepton mixing ansatz, known as cobimaximal mixing, still remains an allowed mixing scheme for leptons which predicts a maximal value for the atmospheric mixing angle ( $\theta_{23} = 45^{\circ}$ ) and the Dirac CP phase is fixed at  $\delta = \pm 90^{\circ}$ . Here we analyze a minimal model to understand the cobimaximal lepton mixing based on  $A_4$  non-Abelian discrete flavor symmetry. Tiny neutrino mass and mixing is obtained by relying on such a flavor symmetric type-I seesaw mechanism. Subsequently, we study the associated phenomenology and predict the absolute neutrino mass and effective neutrino mass parameter responsible for neutrinoless double-beta decay. We further comment on the lepton asymmetry of the universe in this context.

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