Mass degenerate chargino and neutralino

- $\tan\beta$ - ratio of the two Higgs vacuum expectation values
- μ - Higgs mixing parameter
- M_1 - U(1) gaugino mass
- M_2 - SU(2) gaugino mass
- radiative corrections with $m_{\chi^\pm} \sim m_{\chi^0} \sim m_z/2$ are large
- decoupling property of SUSY: rad. corrections are small if $m_{\chi^\pm} >> m_z$

Higgsino-dominated scenario

- $M_2 >> \mu$ - SU(2) doublet of Dirac fermions
- From LEPTOP electroweak precision fit $m_{\chi^\pm} > 54$ GeV at 95 % CL

Gaugino-dominated scenario

- $M_2 >> \mu$ - SU(2) triplet of Majorana fermions
- From LEPTOP electroweak precision fit fit $m_{\chi^\pm} > 61$ GeV at 95 % CL
- Independent of the assumption of scalar neutrino mass