Dirac neutrino masses

$\nu_R \nu_R$

$(\nu_R)^\dagger L H$

$\nu_R \psi_R$

$(\psi_L)^\dagger \nu_R$

$U(1)_X$

+

Forbids

Dirac fermion dark matter

$\psi_R \psi_R$

$\psi_L \psi_L$

r