$\mathrm{U}(1)_X$

Allows

Dirac neutrino masses

Forbids

 $\nu_R \nu_R$

 $(\nu_R)^{\dagger} L H$

 $u_R \psi_R$

 $(\psi_L)^{\dagger} \nu_R$

 $(\nu_R)^{\dagger} LHS$

 $\psi_R\psi_R$

Dirac fermion dark matter

 $|\psi_L\psi_L|$

$$(\psi_R)^{\dagger}\psi_L$$

$$(\psi_R)^{\dagger}\psi_L S$$