category 1

category 2

category 3

Lepton 1	Lepton 2
${f L}$	${f L}$
!L && T	!L && T
F	\mathbf{F}

Lepton 1	Lepton 2
${f L}$	L
!L && T	!L && T
F	F

Lepton 1	Lepton 2
L	${ m L}$
!L && T	!L && T
F	F