

	$ee$	$\mu\mu$	$e\mu$	Total
Fake leptons	$2.93 \pm 0.51 \begin{smallmatrix} +2.14 \\ -0.77 \end{smallmatrix}$	$-0.02 \pm 0.12 \begin{smallmatrix} +0.07 \\ -0.10 \end{smallmatrix}$	$1.58 \pm 0.38 \begin{smallmatrix} +1.52 \\ -0.40 \end{smallmatrix}$	$4.49 \pm 0.65 \begin{smallmatrix} +3.66 \\ -1.17 \end{smallmatrix}$
ZV	$2.19 \pm 0.41 \begin{smallmatrix} +0.29 \\ -0.22 \end{smallmatrix}$	$3.89 \pm 0.54 \begin{smallmatrix} +0.36 \\ -0.12 \end{smallmatrix}$	$2.17 \pm 0.38 \begin{smallmatrix} +0.12 \\ -0.41 \end{smallmatrix}$	$8.24 \pm 0.77 \begin{smallmatrix} +0.38 \\ -0.31 \end{smallmatrix}$
WW	$0.39 \pm 0.04 \begin{smallmatrix} +0.04 \\ -0.03 \end{smallmatrix}$	$0.27 \pm 0.04 \begin{smallmatrix} +0.06 \\ -0.01 \end{smallmatrix}$	$0.30 \pm 0.03 \begin{smallmatrix} +0.03 \\ -0.02 \end{smallmatrix}$	$0.96 \pm 0.07 \begin{smallmatrix} +0.11 \\ -0.05 \end{smallmatrix}$
Top	$0.13 \pm 0.01 \begin{smallmatrix} +0.03 \\ -0.03 \end{smallmatrix}$	$0.01 \pm 0.01 \begin{smallmatrix} +0.00 \\ -0.00 \end{smallmatrix}$	$0.07 \pm 0.01 \begin{smallmatrix} +0.02 \\ -0.02 \end{smallmatrix}$	$0.21 \pm 0.02 \begin{smallmatrix} +0.05 \\ -0.05 \end{smallmatrix}$
Z+jets	$0.07 \pm 0.03 \begin{smallmatrix} +0.18 \\ -0.01 \end{smallmatrix}$	$0.00 \pm 0.00 \begin{smallmatrix} +0.00 \\ -0.00 \end{smallmatrix}$	$0.00 \pm 0.00 \begin{smallmatrix} +0.00 \\ -0.00 \end{smallmatrix}$	$0.07 \pm 0.03 \begin{smallmatrix} +0.18 \\ -0.01 \end{smallmatrix}$
SM Higgs	$0.00 \pm 0.00 \begin{smallmatrix} +0.00 \\ -0.00 \end{smallmatrix}$	$0.13 \pm 0.05 \begin{smallmatrix} +0.00 \\ -0.00 \end{smallmatrix}$	$0.07 \pm 0.03 \begin{smallmatrix} +0.00 \\ -0.00 \end{smallmatrix}$	$0.20 \pm 0.06 \begin{smallmatrix} +0.01 \\ -0.01 \end{smallmatrix}$
Total	$5.71 \pm 0.65 \begin{smallmatrix} +2.19 \\ -0.80 \end{smallmatrix}$	$4.28 \pm 0.56 \begin{smallmatrix} +0.41 \\ -0.14 \end{smallmatrix}$	$4.18 \pm 0.54 \begin{smallmatrix} +1.53 \\ -0.56 \end{smallmatrix}$	$14.17 \pm 1.01 \begin{smallmatrix} +3.71 \\ -1.22 \end{smallmatrix}$
Data				

Table 1: Background estimate for SRSS1j