| Operator | Signal Region               | WpZ_llqq  | WmZ_llqq  | ZZ_llqq   | Sum   |
|----------|-----------------------------|---|---|---|---|
| SM       | total<br>merged<br>resolved | $6339.1 \ (100.0)\% \\ (1.42 \pm 0.08)\% \\ (1.84 \pm 0.1)\%$                           |   | $\begin{array}{c} 1342.36 \; (100.0)\% \\ (2.94  \pm  0.17)\% \\ (6.25  \pm  0.24)\% \end{array}$ | $7681.46 \ (100.0)\%$ $(1.68 \pm 0.07)\%$ $(2.61 \pm 0.09)\%$ |
| FM0      | total<br>merged<br>resolved | $3.02~(100.0)\% \ (15.81 \pm 0.26)\% \ (0.9 \pm 0.07)\%$                                | $1.54 \ (100.0)\% \ (14.52 \pm 0.25)\% \ (0.75 \pm 0.06)\%$   | 54.62 (100.0)%<br>(22.08 $\pm$ 0.29)%<br>(0.66 $\pm$ 0.06)%                                       | $59.19 \ (100.0)\%$ $(21.57 \pm 0.15)\%$ $(0.67 \pm 0.04)\%$  |
| FM2      | total<br>merged<br>resolved | $0.91 \ (100.0)\% \ (13.8 \pm 0.24)\% \ (0.8 \pm 0.06)\%$                               | $0.51 \ (100.0)\% \ (12.84 \pm 0.24)\% \ (0.68 \pm 0.06)\%$   | $\begin{array}{c} 27.58 \; (100.0)\% \\ (20.16  \pm  0.28)\% \\ (0.5  \pm  0.05)\% \end{array}$   | $29.01 \ (100.0)\% \ (19.83 \pm 0.15)\% \ (0.51 \pm 0.03)\%$  |
| FS1      | total<br>merged<br>resolved | $egin{array}{l} 0.085 \ (100.0)\% \ (18.85 \pm 0.28)\% \ (1.52 \pm 0.09)\% \end{array}$ | $0.0358 \ (100.0)\% \ (17.66 \pm 0.27)\% \ (1.52 \pm 0.09)\%$ | $0.64 \ (100.0)\% \ (24.04 \pm 0.3)\% \ (1.1 \pm 0.07)\%$   | $0.76~(100.0)\% \ (23.15 \pm 0.16)\% \ (1.16 \pm 0.05)\%$     |
| FT1      | total<br>merged<br>resolved | $523.78 \ (100.0)\% \ (18.84 \pm 0.28)\% \ (0.84 \pm 0.06)\%$                           | $207.01~(100.0)\% \ (18.75 \pm 0.28)\% \ (0.64 \pm 0.06)\%$   | $905.21 (100.0)\% \ (17.7 \pm 0.27)\% \ (0.81 \pm 0.06)\%$  | $1636.0 \ (100.0)\% \ (18.2 \pm 0.16)\% \ (0.8 \pm 0.04)\%$   |
| FT5      | total<br>merged<br>resolved | $37.1 \ (100.0)\% \ (15.14 \pm 0.25)\% \ (0.86 \pm 0.07)\%$                             | $16.19 (100.0)\% \ (14.8 \pm 0.25)\% \ (0.86 \pm 0.07)\%$     | $232.13 \ (100.0)\% \ (17.61 \pm 0.27)\% \ (0.75 \pm 0.06)\%$                                     | $285.42 (100.0)\% \ (17.13 \pm 0.15)\% \ (0.77 \pm 0.04)\%$   |