

|  | Preselection  |
|--|---|
| Lepton $p_T$ (GeV)                         | $> 25, 20, 15$  |
| Fourth lepton $p_T$ (GeV)                  | $< 10$  |
| $\text{ch}_{\ell\ell\ell}$                 | $\pm 1$   |
| $\min(m_{\ell\ell})$ (GeV)                 | $> 12$  |
| b jet veto                                 | DeepCSV, medium WP, applied to all jets with $p_T > 20$ GeV |
| $ m_{\ell\ell} - m_Z $ (GeV)               | $< 25$  |
| $ m_{\ell\ell\ell} - m_Z $ (GeV)           | $> 20$  |
|  | 1j SR      2j SR      1j WZ CR      2j WZ CR                |
| Jets with $p_T > 30$ GeV                   | $=1$ $\geq 2$ $=1$ $\geq 2$                                 |
| $\Delta\phi(\ell p_T^{\text{miss}}, j(j))$ | $< \pi/2$ $< \pi/2$ $> \pi/2$ $> \pi/2$                     |