

| | Preselection | | |
|---------------------------------|--|-----------|----------|
| Lepton p_T (GeV) | $> 25, 15, 10, 10$ | | |
| Fifth lepton p_T (GeV) | < 10 | | |
| $ch_{\ell\ell\ell\ell}$ | 0 | | |
| $\min(m_{\ell\ell})$ (GeV) | < 12 | | |
| $ m_{\ell\ell}^Z - m_Z $ (GeV) | < 15 | | |
| B jet veto | DeepCSV, loose WP, applied to all jets with $p_T > 20$ GeV | | |
| | XSF SR | XDF SR | ZZ CR |
| X pair flavor | Same | Different | |
| $m_{\ell\ell\ell\ell}$ (GeV) | > 140 | | |
| $m_{\ell\ell}^X$ (GeV) | [10,60] | [10,70] | [75,105] |
| PUPPI p_T^{miss} (GeV) | > 35 | > 20 | < 35 |