

| Label | (N_b, N_j) | Description |
|------------|------------------|----------------------------------|
| WH channel | | |
| SR (3b) | (3b, 3–4j) | 3b signal region |
| SR (4b) | (4b, 4j) | 4b signal region |
| CR (3b) | (2b, 3j) | $W/t\bar{t}+jets$ control region |
| CR (4b) | (2b, 4j) | $t\bar{t}+jets$ control region |
| ZH channel | | |
| SR (3b) | (3b, $\geq 3j$) | 3b signal region |
| SR (4b) | (4b, $\geq 4j$) | 4b signal region |
| CR (3b) | (2b, 3j) | DY control region |
| CR (4b) | (2b, 4j) | DY control region |