

| Selection   | Yield | Efficiency (%) |
|---|-------|----------------|
| No selection  | 907.4 | 100.00         |
| Trigger and $\geq 2$ leptons  | 74.9  | 8.26           |
| At least one <i>SS</i> lepton pair  | 31.3  | 3.45           |
| Baseline (two jets, and either $E_{\text{T}}^{\text{miss}} > 30$ GeV or $H_{\text{T}} > 500$ GeV) | 29.1  | 3.21           |
| Any SR ( $E_{\text{T}}^{\text{miss}} > 50$ GeV)   | 29.1  | 3.20           |
| HH SR41   | 1.8   | 0.20           |
| HH SR42   | 1.3   | 0.15           |