

| Selection  | Yield  | Efficiency (%) |
|--|--------|----------------|
| No selection   | 2109.0 | 100.00         |
| Trigger and $\geq 2$ leptons   | 53.1   | 2.52           |
| At least one <i>SS</i> lepton pair   | 26.1   | 1.24           |
| Baseline (two jets, and either $E_{\text{T}}^{\text{miss}} > 30 \text{ GeV}$ or $H_{\text{T}} > 500 \text{ GeV}$ ) | 26.0   | 1.23           |
| Any SR ( $E_{\text{T}}^{\text{miss}} > 50 \text{ GeV}$ )   | 25.4   | 1.20           |
| HH SR30  | 8.8    | 0.42           |
| HH SR32  | 4.1    | 0.19           |