

| Objects | Requirements |
|---------|--|
| | $e\mu, ee, \mu\mu$ (not from τ decay), opposite charge |
| Leptons | $p_T^{\text{dressed } \ell} = p_T^\ell + \sum_i p_T^{\gamma_i}$ if $\Delta R(\ell, \gamma_i) < 0.1$ $p_T^{\ell_1} > 25 \text{ GeV}, p_T^{\ell_2} > 13 \text{ GeV}, p_T^{\ell_3} < 10 \text{ GeV}$ $ \eta < 2.5$ $p_T^{\ell\ell} > 30 \text{ GeV}, m_{\ell\ell} > 50 \text{ GeV}$ |
| Jets | $p_T^j > 30 \text{ GeV}$ $\Delta R(j, \ell) > 0.4$ At least 2 jets, no b jets $ \eta < 4.7$ $m_{jj} > 300 \text{ GeV}, \Delta\eta_{jj} > 2.5$ |
| | $p_T^{\text{miss}} > 20 \text{ GeV}$ |