| Jet | Variable     | SR                             | VR                           | CR1        | CR2       |
|-----|--------------|--------------------------------|------------------------------|------------|-----------|
| t   | $m_{\rm SD}$ | $\in [105, 210]  \mathrm{GeV}$ | $\in [105, 210]  \text{GeV}$ | < 105  GeV | < 105 GeV |
| t   | top quark    | pass                           | fail                         | pass       | fail      |
|     | tagging      |                                |                              |            |           |
| b   | b tagging    | pass                           | pass                         | pass       | pass      |
| Jet | Variable     | SR'                            | VR′                          | CR1′       | CR2′      |
| t   | $m_{\rm SD}$ | $\in [105, 210]  \mathrm{GeV}$ | $\in [105, 210]  \text{GeV}$ | < 105  GeV | < 105 GeV |
| t   | top quark    | pass                           | fail                         | pass       | fail      |
|     | tagging      | -                              |                              | -          |           |
| b   | b tagging    | fail                           | fail                         | fail       | fail      |