<table>
<thead>
<tr>
<th>Uncertainty label</th>
<th>Type</th>
<th>Processes</th>
<th>Initial size</th>
<th>Np</th>
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</thead>
<tbody>
<tr>
<td>q/g normalization</td>
<td>Y</td>
<td>q/g</td>
<td>50%</td>
<td>12</td>
</tr>
<tr>
<td>Non-q/g normalization</td>
<td>Y</td>
<td>m_t, m_W, lost t/W</td>
<td>25%</td>
<td>12</td>
</tr>
<tr>
<td>Non-q/g composition</td>
<td>Y</td>
<td>m_t, m_W, lost t/W</td>
<td>25%</td>
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<tr>
<td>Non-q/g composition p_T dep.</td>
<td>m_HH</td>
<td>m_t, m_W, lost t/W</td>
<td>±0.13(m_{HH}/ TeV)</td>
<td>12</td>
</tr>
<tr>
<td>SD scale</td>
<td>m_{b\bar{b}}</td>
<td>m_t, m_W, signal</td>
<td>1%</td>
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</tr>
<tr>
<td>SD resolution</td>
<td>m_{b\bar{b}}</td>
<td>m_t, m_W, signal</td>
<td>20%</td>
<td>1</td>
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<tr>
<td>Lost t/W m_{b\bar{b}} scale</td>
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<td>Lost t/W</td>
<td>±0.0015(m_{b\bar{b}}/ GeV)</td>
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<td>Lost t/W low m_{b\bar{b}}</td>
<td>m_{b\bar{b}}</td>
<td>Lost t/W</td>
<td>±18(GeV/m_{b\bar{b}})</td>
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<tr>
<td>q/g m_{b\bar{b}} scale</td>
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<td>q/g</td>
<td>±0.0025(m_{b\bar{b}}/ GeV)</td>
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<td>q/g low m_{b\bar{b}}</td>
<td>m_{b\bar{b}}</td>
<td>q/g</td>
<td>±30(GeV/m_{b\bar{b}})</td>
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<tr>
<td>Non-q/g m_{HH} scale</td>
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<td>m_t, m_W, lost t/W</td>
<td>±0.13(m_{HH}/ TeV)</td>
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<tr>
<td>Non-q/g m_{HH} resolution</td>
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<td>m_t, m_W, lost t/W</td>
<td>±0.28(TeV/m_{HH})</td>
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<td>q/g</td>
<td>±1.4(TeV/m_{HH})</td>
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<td>Luminosity</td>
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<tr>
<td>PDF and scales</td>
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<td>Signal</td>
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<td>Trigger</td>
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<tr>
<td>Lepton selection</td>
<td>Y</td>
<td>Signal</td>
<td>e:5.7% μ:5.3%</td>
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<tr>
<td>Jet energy scale</td>
<td>Y, m_{HH}</td>
<td>Signal</td>
<td>Y:0.5% S:1% R:2%</td>
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<tr>
<td>Jet energy res.</td>
<td>Y, m_{HH}</td>
<td>Signal</td>
<td>Y:1% S:0.5% R:5%</td>
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<tr>
<td>Unclustered energy</td>
<td>Y, m_{HH}</td>
<td>Signal</td>
<td>Y:1% S:0.5% R:0.5%</td>
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<td>b\bar{b} jet b tagging</td>
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<td>AK4 jet b tagging veto</td>
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<td>Signal</td>
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<tr>
<td>qq' \tau_2/\tau_1</td>
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<td>Signal</td>
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</tr>
<tr>
<td>qq' \tau_2/\tau_1 extrapolation</td>
<td>Y</td>
<td>Signal</td>
<td>&lt;7%</td>
<td>1</td>
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</tbody>
</table>