

STXS region (stage 1)

 B_{jk} $qq \rightarrow Hqq$ (VBF-like, $p_T^{Hjj} < 25$ GeV)

$$8.63 c_{WW}^2 + 0.117 c_B^2 + 13.2 c_{HW}^2 + 0.213 c_A^2 + 0.834 c_{WW} c_B + 2.39 c_{WW} c_{HW} - 0.253 c_{WW} c_A + 0.341 c_B c_{HW} + 0.11 c_B c_A - 0.707 c_{HW} c_A$$

 $qq \rightarrow Hqq$ (VBF-like, $p_T^{Hjj} \geq 25$ GeV)

$$14.2 c_{WW}^2 + 0.213 c_B^2 + 20.9 c_{HW}^2 + 0.349 c_A^2 + 0.961 c_{WW} c_B + 6.94 c_{WW} c_{HW} + 0.357 c_{WW} c_A + 0.596 c_B c_{HW} + 0.324 c_B c_A - 0.896 c_{HW} c_A$$

 $qq \rightarrow Hqq$ ($60 \leq m_{jj} < 120$ GeV)

$$499 c_{WW}^2 + 9.75 c_B^2 + 235 c_{HW}^2 + 2.05 c_A^2 + 68.1 c_{WW} c_B + 619 c_{WW} c_{HW} + 22.7 c_{WW} c_A + 38.4 c_B c_{HW} + 6.78 c_B c_A + 7.73 c_{HW} c_A$$

 $qq \rightarrow Hqq$ (rest)

$$77.9 c_{WW}^2 + 1.55 c_B^2 + 31.9 c_{HW}^2 + 0.646 c_A^2 + 10.6 c_{WW} c_B + 69.4 c_{WW} c_{HW} + 5.03 c_{WW} c_A + 4.48 c_B c_{HW} + 1.56 c_B c_A + 0.645 c_{HW} c_A$$

 $qq \rightarrow Hqq$ ($p_T^{j1} \geq 200$ GeV)

$$1.22 \times 10^3 c_{WW}^2 + 25.4 c_B^2 + 1.12 \times 10^3 c_{HW}^2 + 3.94 c_A^2 + 166 c_{WW} c_B + 2.14 \times 10^3 c_{WW} c_{HW} + 19.9 c_{WW} c_A + 146 c_B c_{HW} + 6.96 c_B c_A - 4.37 c_{HW} c_A$$