

# Supplementary material for LHCb-PAPER-2016-038

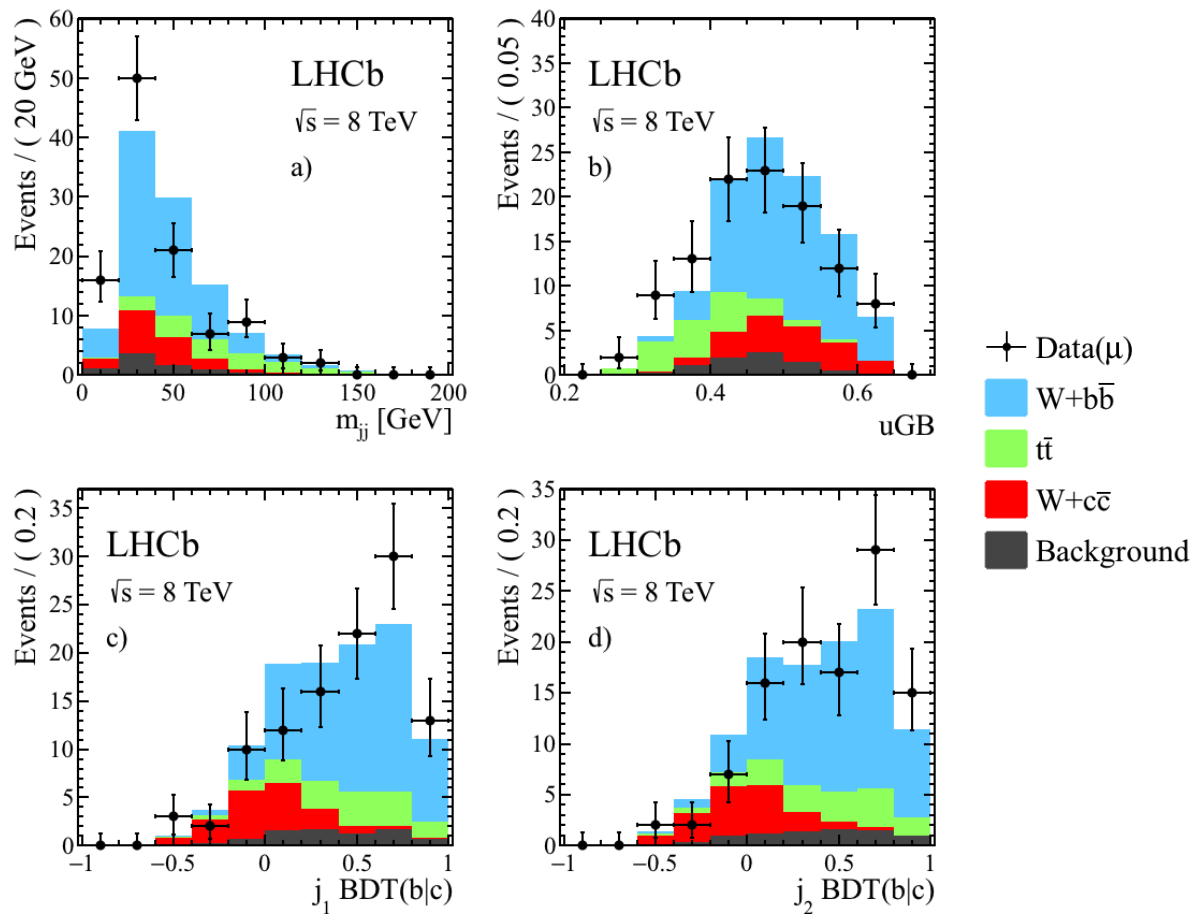


Figure 1: Projections of the simultaneous 4D-fit results for the  $\mu$  sample: a) the dijet mass; b) the  $uGB$  response; the BDT( $b|c$ ) of the c) leading and d) sub-leading jets.

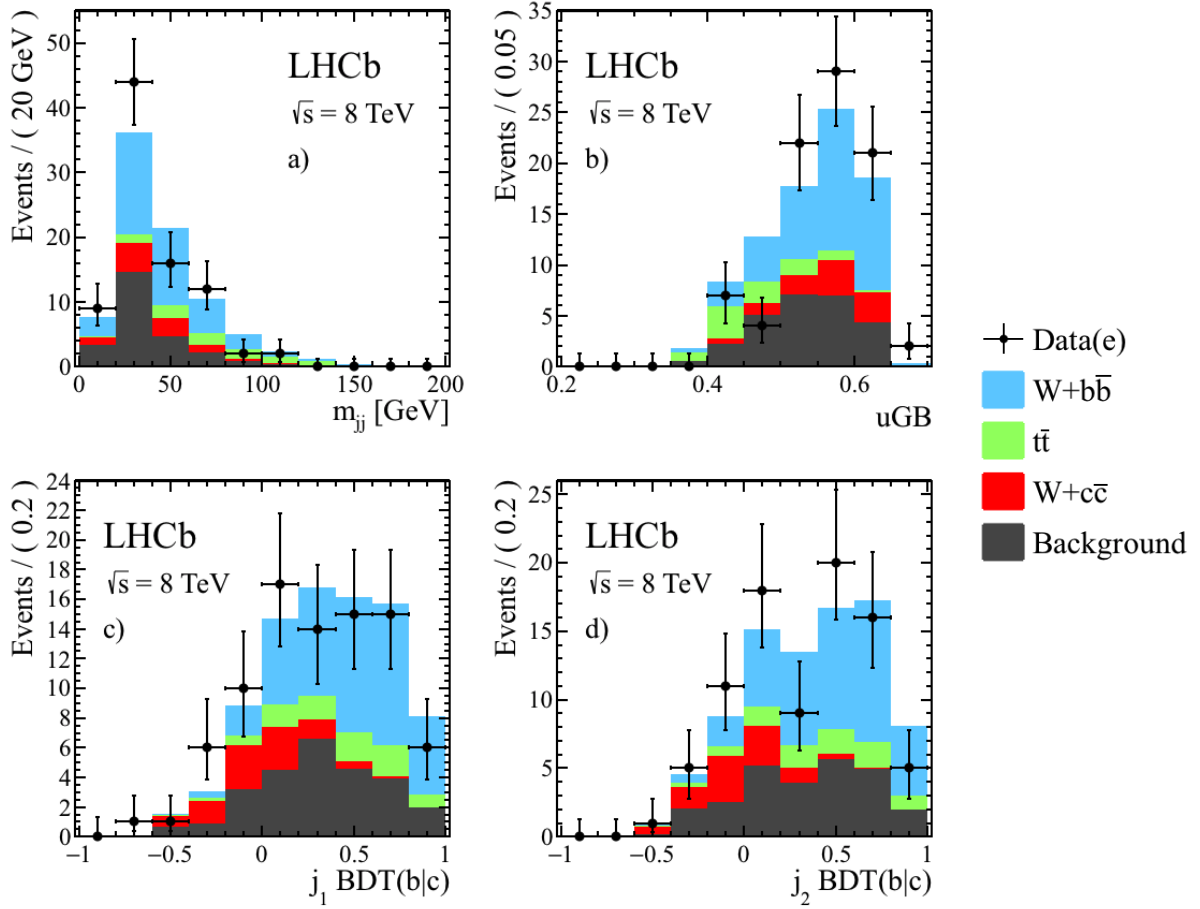


Figure 2: Projections of the simultaneous 4D-fit results for the  $e$  sample: a) the dijet mass; b) the  $uGB$  response; the BDT( $b|c$ ) of the c) leading and d) sub-leading jets.