Run 2 R(D$^{(*)}$) Progress 8-7-20

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- Yipeng made some progress adding μBDT branches to the ntuple
  - Contact Lucia to try to use their solution

- Yipeng began looking at fit differences between DaVinci v36 and v42, and between his and Phoebe's scripts
  - Got v36 to run with "lb-run" tool

- Yipeng successfully reconstructed three wrong-sign trees
  - Wrong-sign trees $\quad \bar{B}^+ \to D^0 \ (K^- \ \pi^+) \ \mu^+$ $\qquad$ (wrong sign μ)

    $\bar{B}^0 \to D^{*+} \ ((D^0 \to K^- \ \pi^+) \ \pi^+) \ \mu^+$ $\qquad$ (wrong sign μ)

    $B^0 \to D^{*+} \ ((D^0 \to K^- \ \pi^+) \ \pi^-) \ \mu^-$ $\qquad$ (wrong sign π, combinatorial D^{*+})

- Svende (Manuel?) will email Manchester group to agree on number of MC events to generate
  - Also set up a meeting (next week?)