

(Q: general)

Anomalies have been seen in only a few modes out of thousands of measurements. Could these be just apparent anomaly from statistical fluctuations?

(Q: R_K)

It took 7 years from 2.6 sigma to 3.1 sigma in RK. How long should we wait to get the final word on it? What is the prospects from Belle II?

(Q: R_D*)

What range of possibilities for NP should be considered for the MC simulation for $B \rightarrow D(^*) \tau \nu$? This is needed for the detection efficiency and acceptance since these will depend on the NP.

How can this systematic be implemented with Hammer or some other NP MC ?

(Q: K nunu)

You obtained significant results with a “classic” BDT, which uses computed kinematic variables as input. Even better performance has been obtained with “modern” machine learning tools, which take the raw information (4-momentum of each particle, etc.) as input. Do you expect such improvement in this case as well? Can you envision potential pitfalls with such an approach?

(Q: Phill/Racha, re: vertexing for FEI)

At LHCb, vertex resolution is critical and replaces the beam-constrained mass of B factories. Belle II can't obtain the same resolution. However, by how much would the Belle II vertex resolution have to improve in order to significantly improve FEI as well as inclusive tagging, e.g., a factor of 2 background reduction?

(Q: NP models, Andreas)

In the SM, electric charge is a linear combination of the $SU(2)_L$ and hypercharge quantum numbers. How does this work when you add a second $SU(2)_L$ to obtain charged current NP for $R(D)$?

(Q: semileptonic, Zoltan)

A problem with V_{xb} measurements is the tension between inclusive and exclusive measurements. However, the inclusive calculation necessarily ignores hadronic effects due to final-state hadrons. At what level do you expect this to lead to a difference?

(Q: high-mass searches, Andreas/Zoltan)

What can we learn about the flavor anomalies from high-mass searches at ATLAS and CMS? Are they always less sensitive than the flavor measurements?