

Recent flavour anomalies

IF THIS IS YOUR LAST GLASS OF WINE...
WHAT WOULD BE YOUR CHOICE?



Anomaly: something that deviates from what is standard, normal or expected



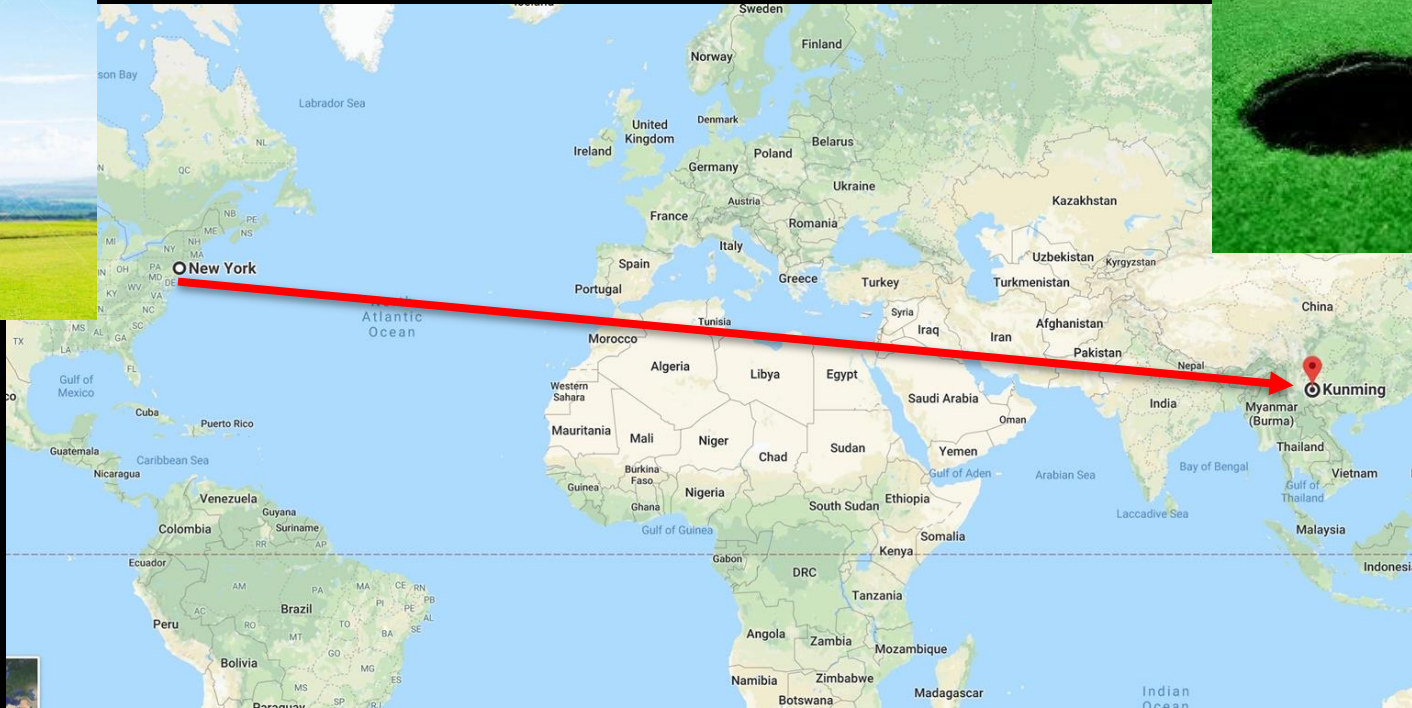
ELECTRON

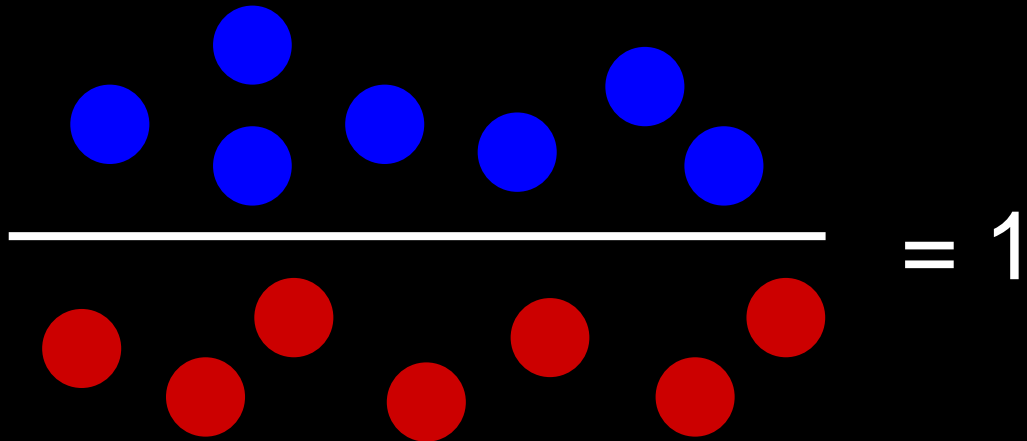
MUON

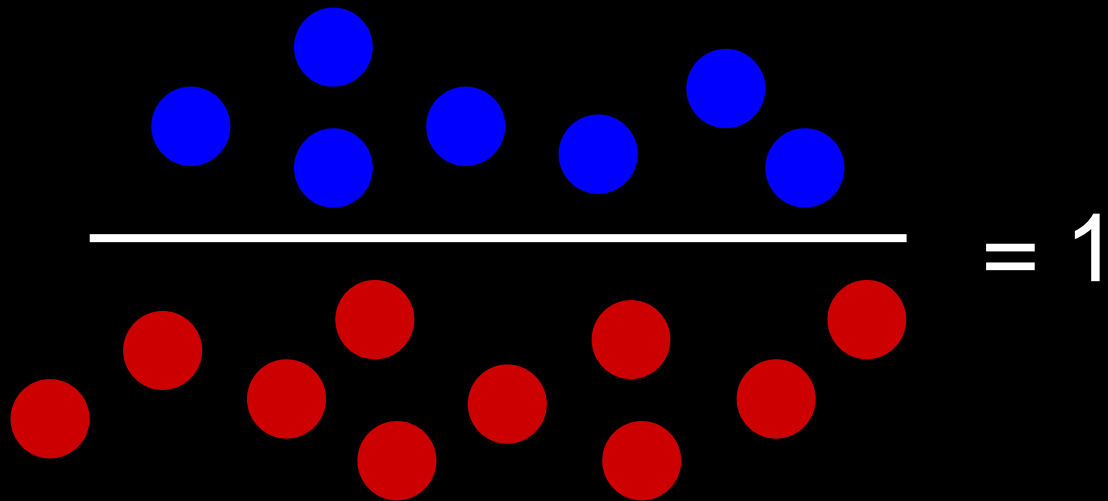
B

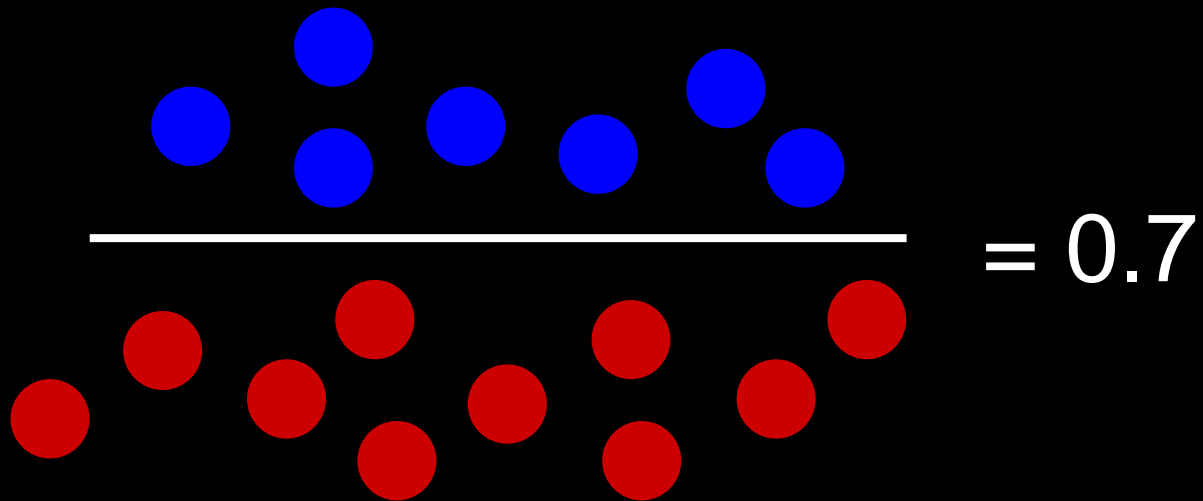


How well can we predict physical quantities?





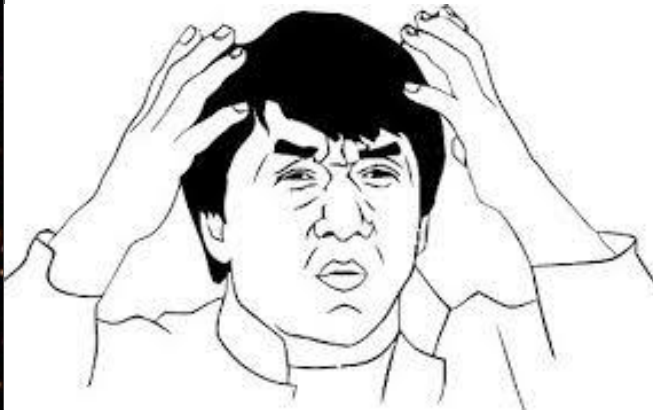




Explain

Dark matter?

Gravity? ...?



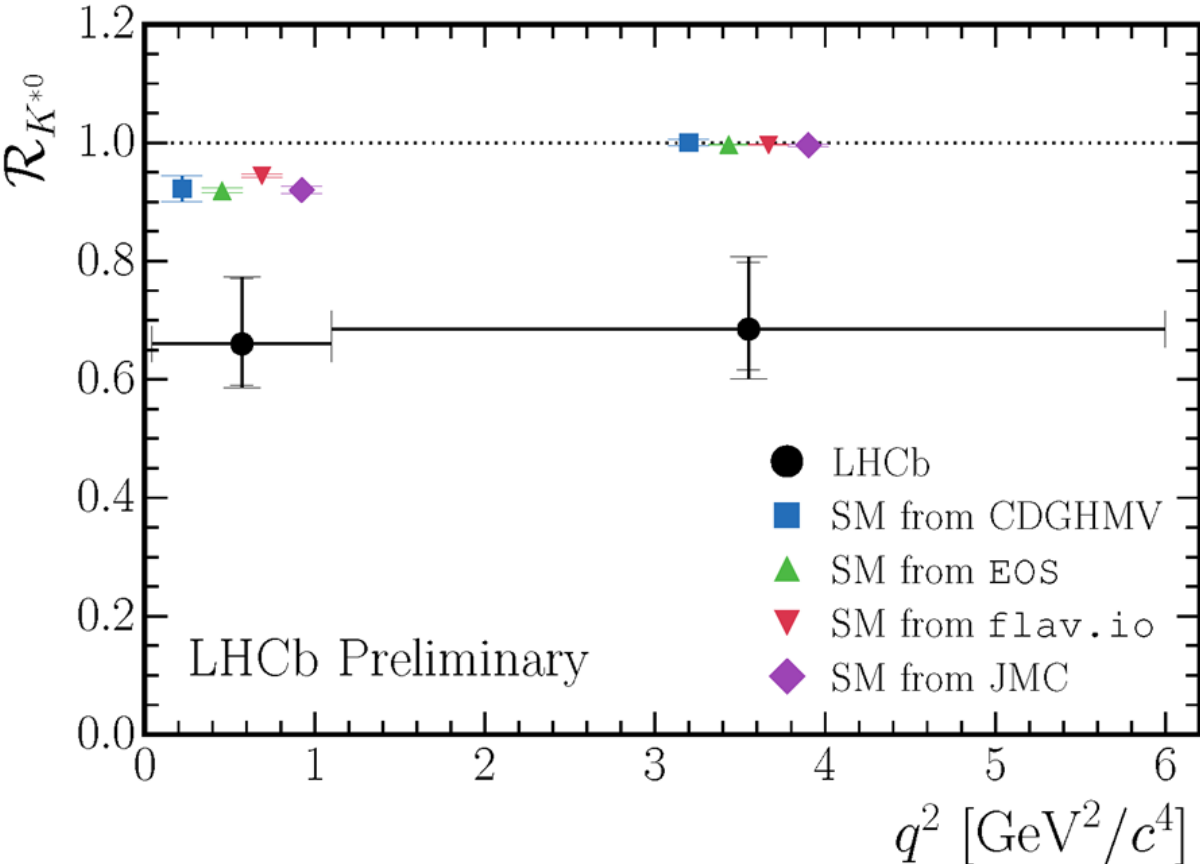
Anomalies

**Better
theory**

Cheers!



Backup plot



Good links

<https://home.cern/scientists/updates/2017/06/lhcb-flavour-anomalies-continue-intrigue>

<https://www.symmetrymagazine.org/article/a-new-search-to-watch-from-lhcb>