Machine Learning-Driven Anomaly Detection in Dijet Events with ATLAS

Or: *Where's Waldo?**

Tobias Golling, University of Geneva
On behalf of the ATLAS Collaboration

Gets harder the *more* you have to scan

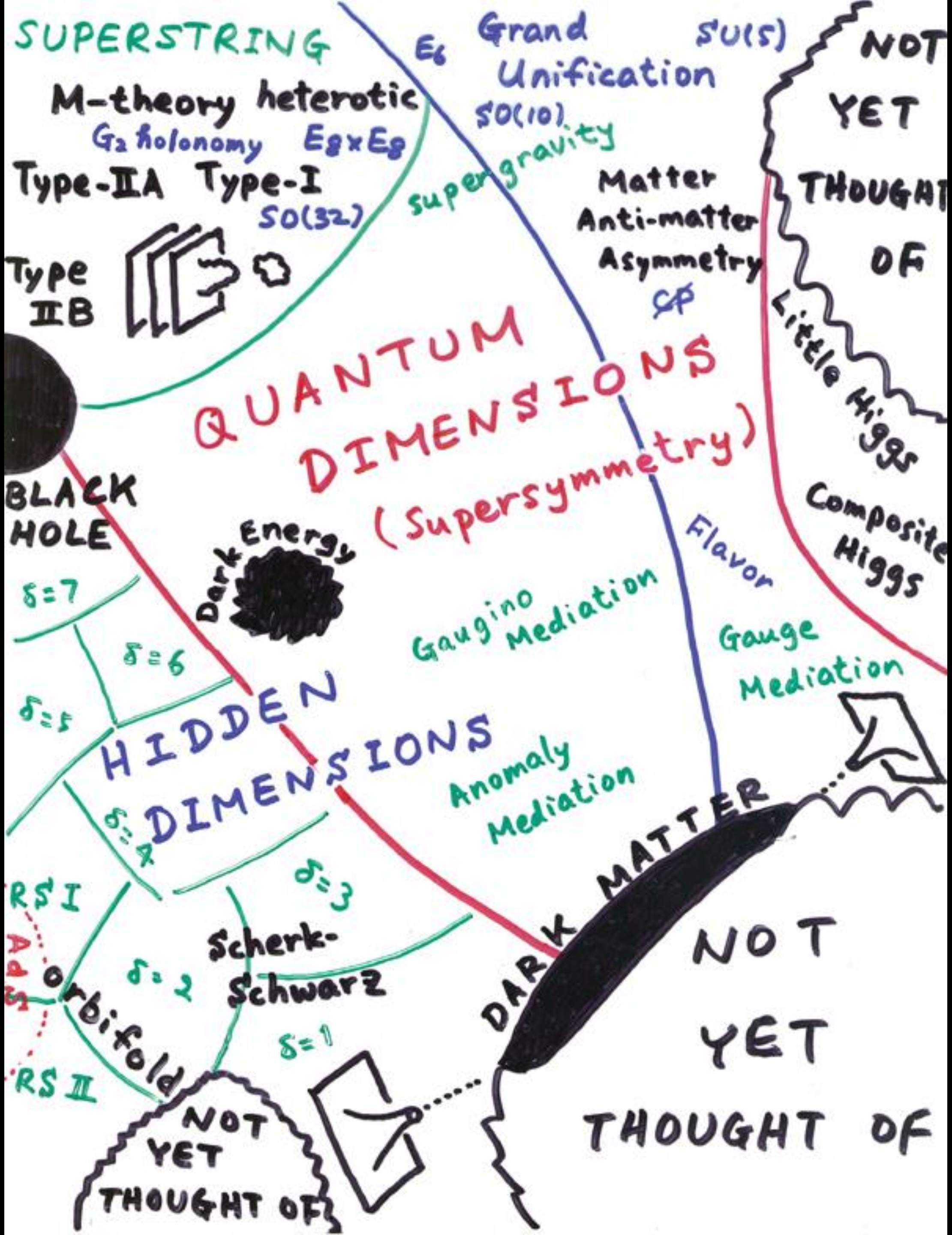
[ChatGPT]

10^{12} data events

Our data is *impenetrable* by the human brain

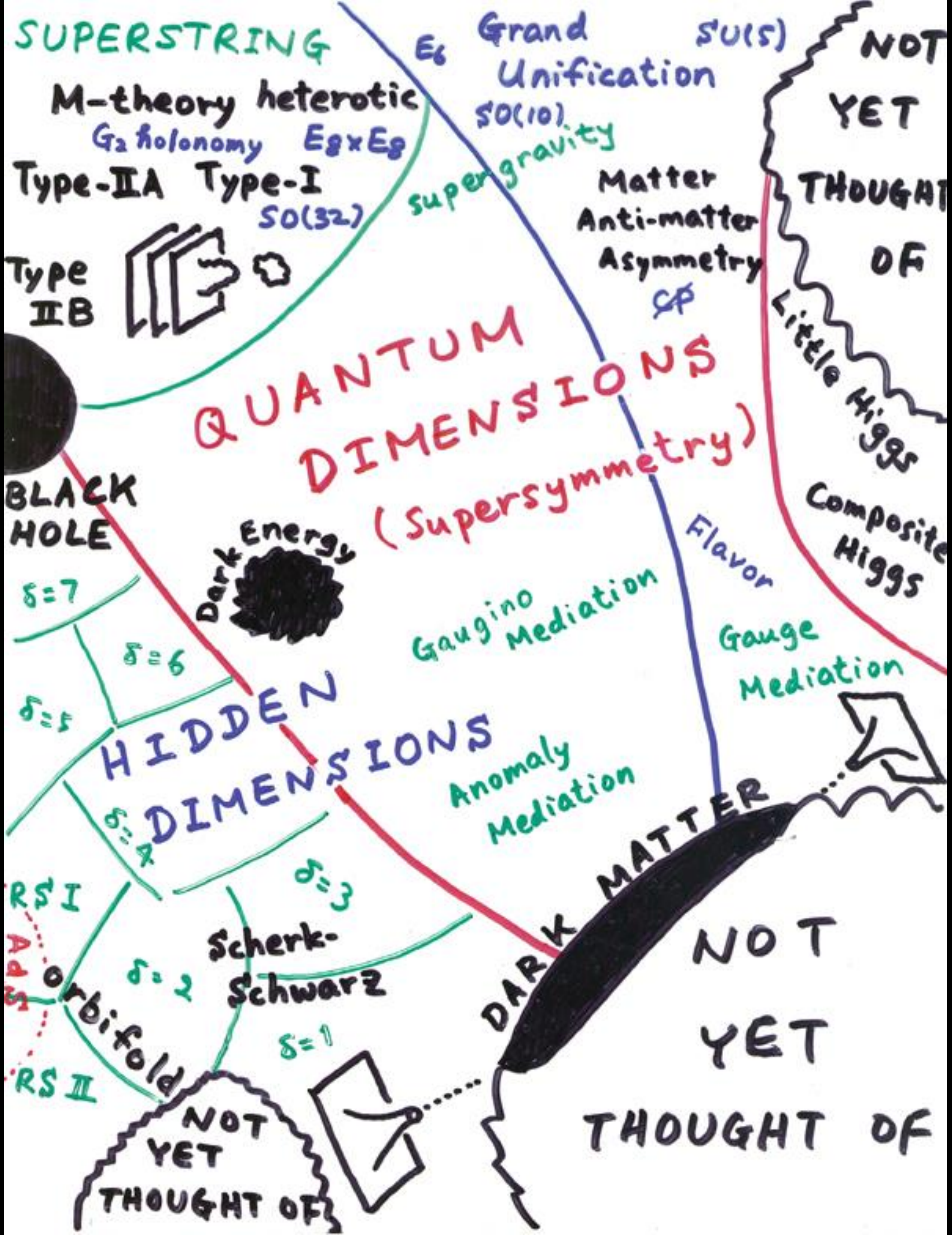
And we don't know *what* we're looking for

[ChatGPT]



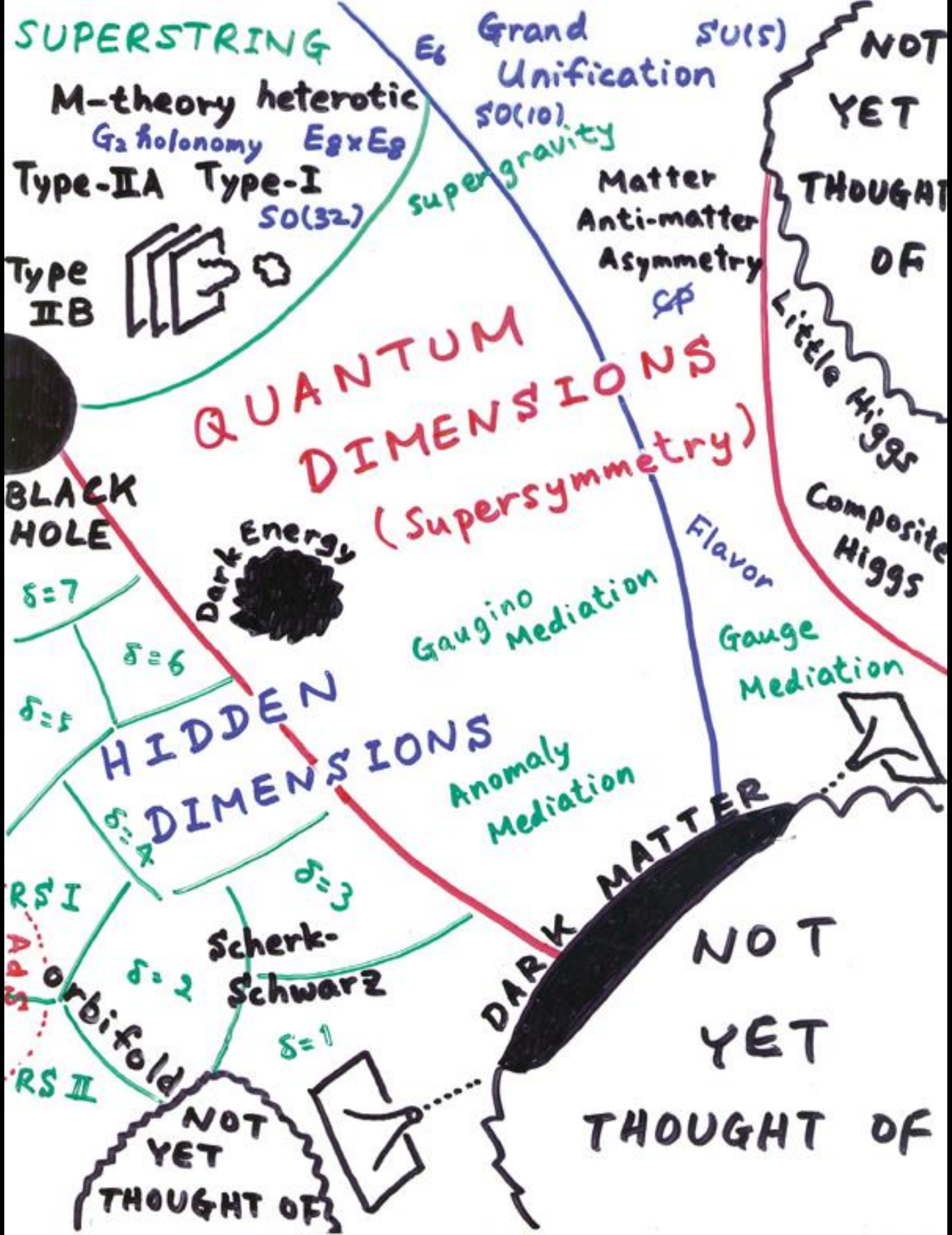
Credit: Hitoshi Murayama

Nature



Credit: Hitoshi Murayama

Nature

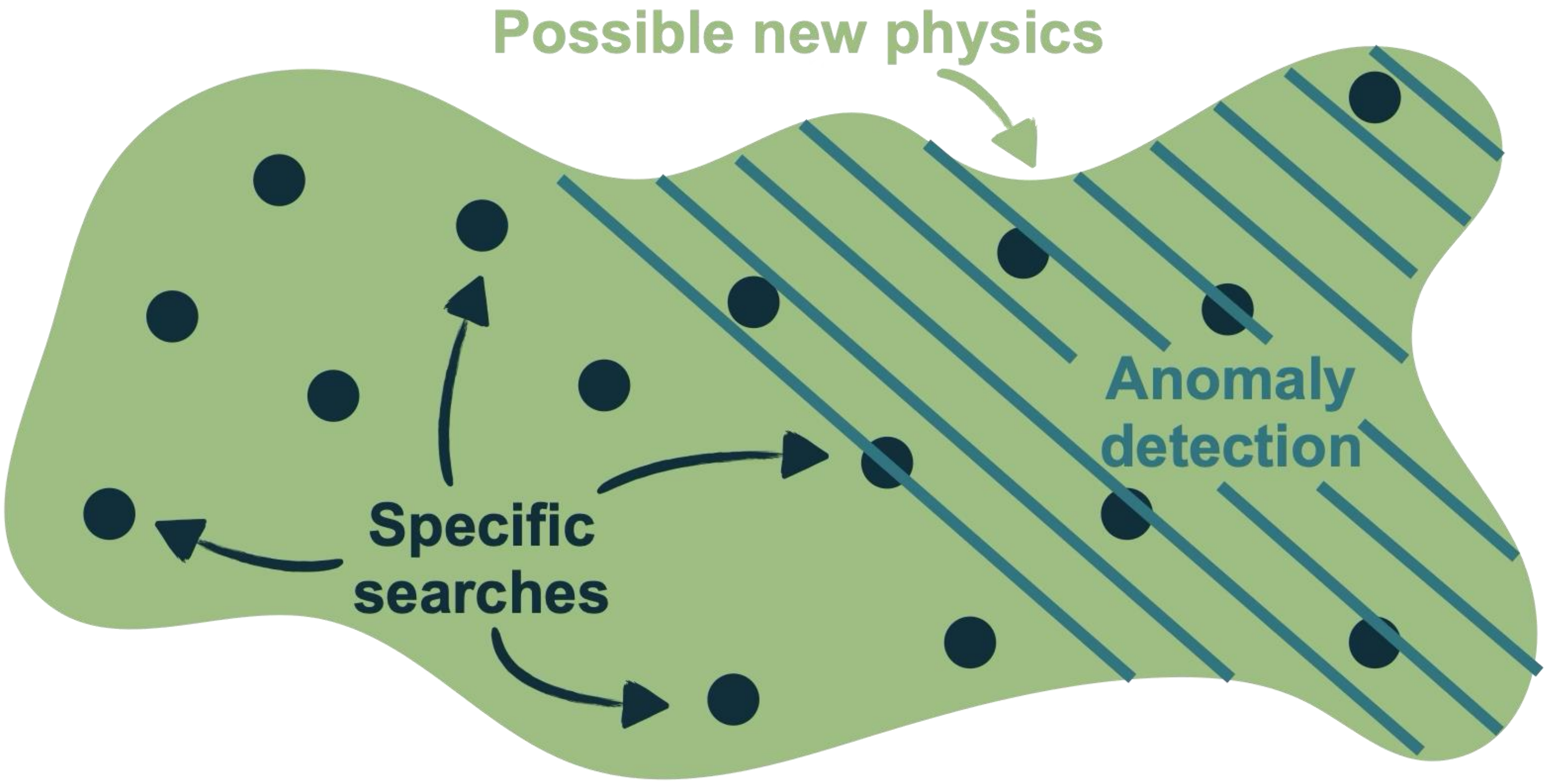


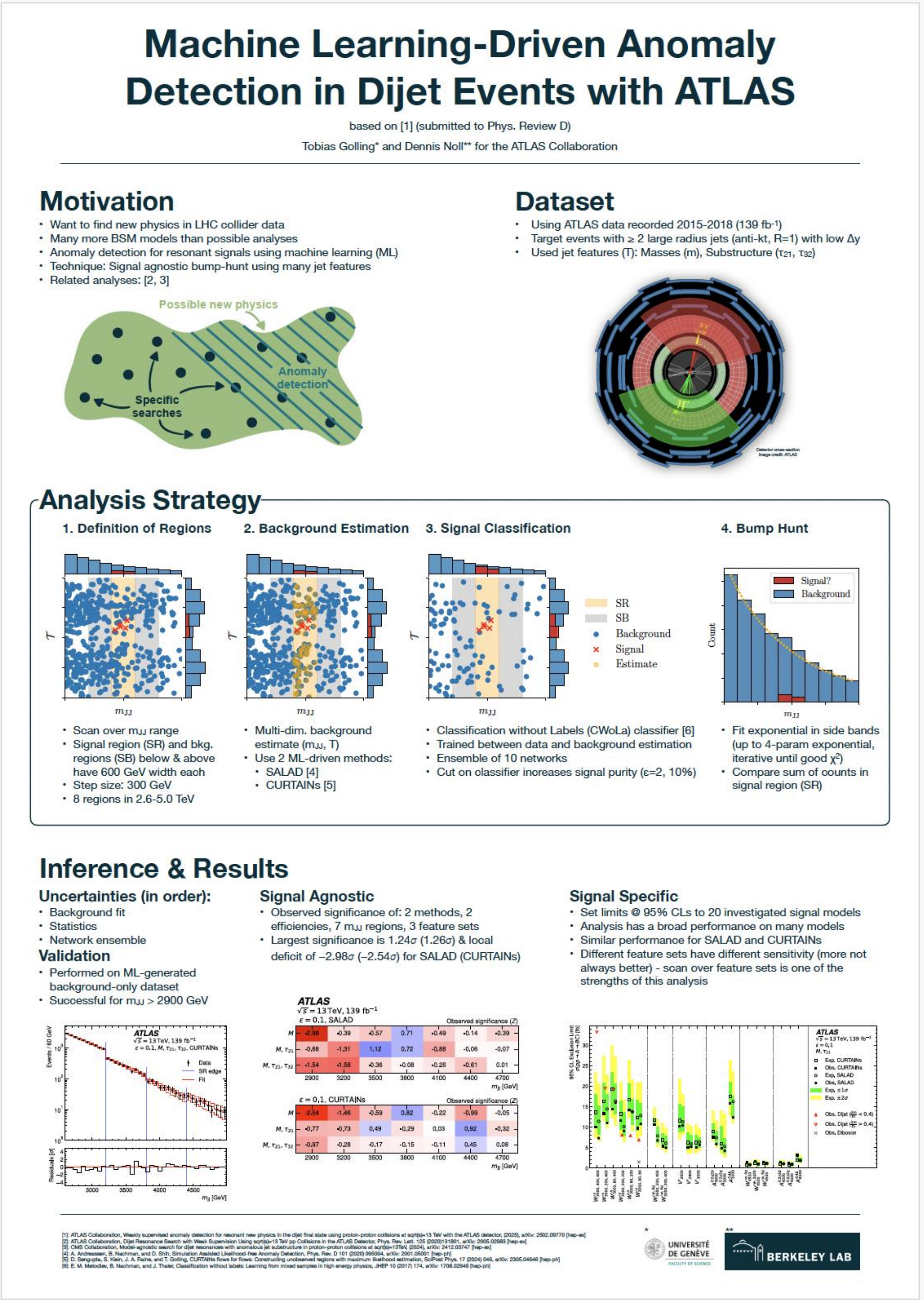
There is no universally best goodness of fit test

[Cousins 2016]

Credit: Hitoshi Murayama

Trading power of test for coverage





Looking forward to discussing with you in Poster Session B tomorrow !