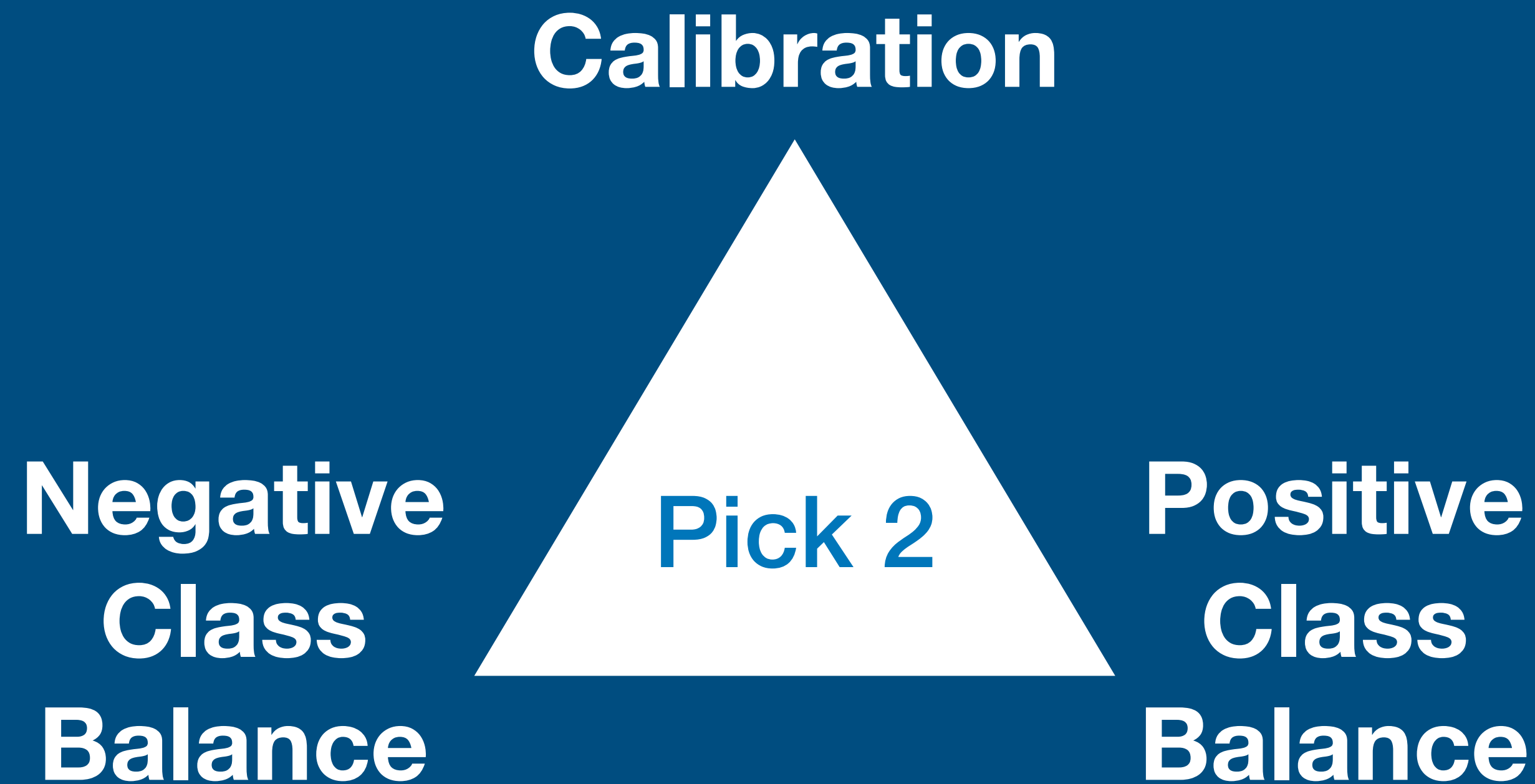


Pick 2

Impossibility of Fairness



Some measures of fairness are mutually exclusive, have to pick between them

Kleinberg, Jon, Sendhil Mullainathan, and Manish Raghavan. "Inherent Trade-Offs in the Fair Determination of Risk Scores." 8th Innovations in Theoretical Computer Science Conference (ITCS 2017). Schloss Dagstuhl-Leibniz-Zentrum fuer Informatik, 2017.

Challenges

1

Auditing the performance of hundreds or thousands of intersectional subgroups

2

Balancing dozens of incompatible definitions of fairness