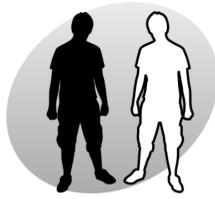


Inequity and Bias: Today's Landscape

COMPAS, Race, and Recidivism



Varying Access and QoS Perceptions



Geographic Bias in QoS

Inequitable Schedulers

Concern: could a scheduler exploit these differences?



Patience	↓
Latency	↓



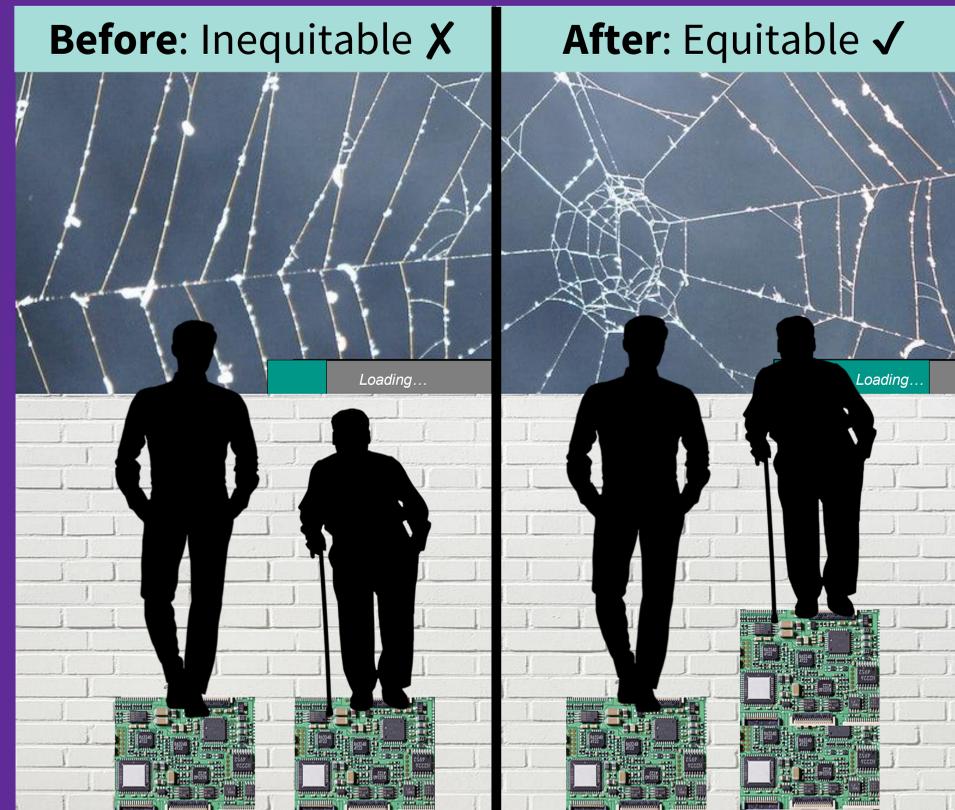
Prioritized

Patience	↑
Latency	↑



Deprioritized

Designing Equitable Data Center Scheduling Systems



Can we **create** a scheduling system free from bias and inequity?



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Key Questions



Do demographics' latency tolerances vary?



Can we catch and deal with bias early?



Do schedulers exploit inequity to improve latency?

Key Contributions

- (i) Run a user study:** demographics versus latency tolerance.
- (ii) Build a biased scheduler:** are demographic differences exploitable?
- (iii) Create a bias-free system:** a scheduler that audits for potential demographic bias.