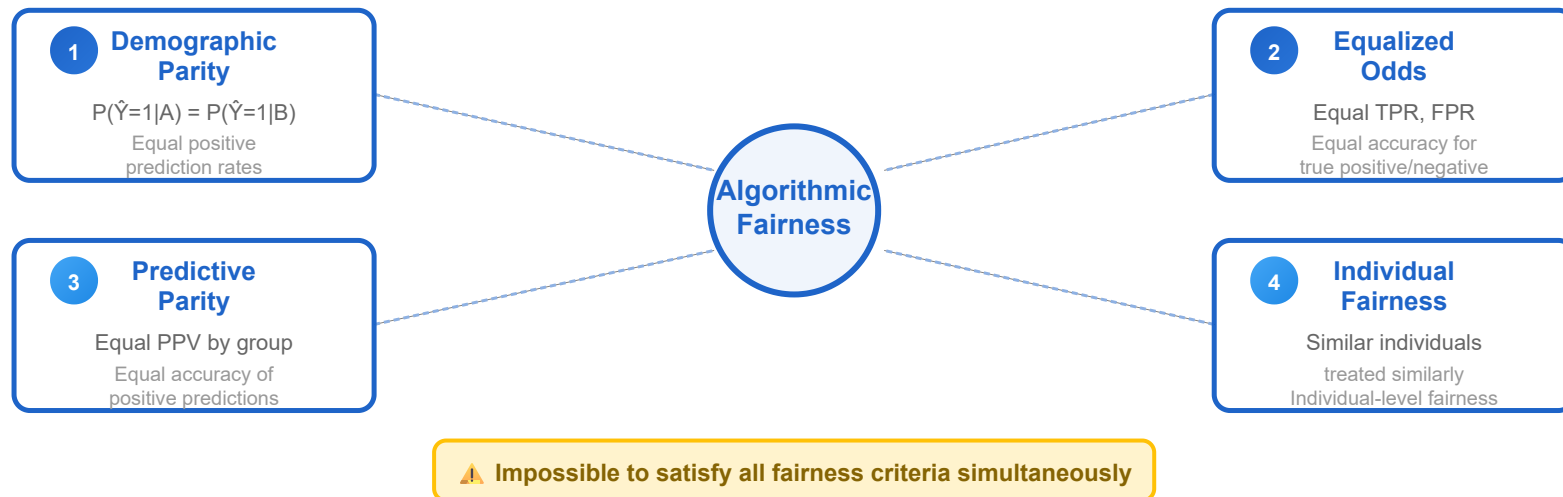


Algorithmic Fairness

Fairness Definitions



Trade-offs

- Fairness criteria cannot be satisfied simultaneously
- Accuracy vs fairness trade-offs
- Group fairness vs individual fairness
- Short-term vs long-term fairness

Implementation Methods

- Pre-processing: Data resampling
- In-processing: Fairness-constrained learning
- Post-processing: Result adjustment
- Hybrid approaches