# An Anti-Racist Statistician's Guide to QuantCrit Principles

QuantCrit research has identified 5 principles that are explicitly derived from Critical Race Theory to guide the interpretation and use of quantitative data.

PRINCIPLE

#### The Centrality of Racism

Interrogate the collection, analysis, & representation of statistical material for likely bias in favor of the racial status quo

#### **PRINCIPLE** Numbers are Not Neutral

Examine behind the numbers to understand how findings have been generated & identify the racist logics that may have shaped conclusions

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Categories are Neither 'Natural' nor Given: For 'Race' Read 'Racism'

Automatically replace terms like 'race' & 'ethnic origin' with the couplet 'race/racism'

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## 4

Voice & Insight: Data Cannot 'Speak for Itself'

Foreground the insights, knowledge, & understandings of people of color and other 'outsider' groups to inform research, analyses, and critique

#### Social Justice/Equity Orientation

Provide more insightful, sensitive, & useful research that adds a quantitiative dimension to anti-oppresive praxis





David Gillborn, Paul Warmington & Sean Demack (2018) QuantCrit: education, policy, 'Big Data' and principles for a critical race theory of statistics, Race Ethnicity and Education, 21:2, 158-179, DOI: 10.1080/13613324.2017.1377417