Innate Difficulties

Table 1.1 A Catalog of Social Science Biases

Institutional Biases

Temporal Biases

Cognitive Biases

Application Biases

		Threat	Strategy to Address	Capacity to Address
Individual Diversity	Demographic Biases	Limited topics and interpretations	Diversification and listening	Strong and increasing
	Geographic Biases	Limited generalization	Globalization, cross- cultural comparison	Increasing; differs by discipline
	Political Biases	Limited goals and interpretations	Empathetic recognition and sensitivity	Decreasing; recognition increasing
Scientific Practice	Methodological Biases	Incorrect findings and interpretations	Reproducibility reforms; empiricism	Strong and increasing

Incomplete coverage; Interdisciplinary Disciplinary Biases Strong and increasing research; team science

non-integration

Limited goals and

topics; translation

Confirmation bias;

non-cumulation

Limited goals and

topics; translation

Limited generalization

Reform of evaluation and Strong

Increasing, inherently

Increasing, inherently

Inherently limited

limited

limited

rewards

Long time horizons;

meta-science studies

Learning from history;

tracking basic science

Reproducibility reforms;

historical data