

THE USES (AND ABUSES) OF COMPUTATION IN SOCIAL SCIENCE

SICSS-NDSU

<https://slides.com/zoltanpm/sicss-ndsu-day1>

OVERVIEW

The problem of prediction



Ethical pitfalls



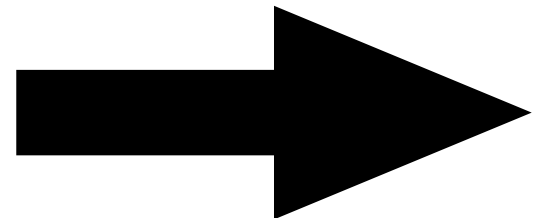
Case studies



MUCH OF CSS, IN PARTICULAR
APPROACHES LIKE MACHINE LEARNING
AND SENTIMENT ANALYSIS, START WITH
PREDICTION

WHAT DO PREDICTIVE MODELS RELY ON?

PROBLEM OF JUSTICE
PROBLEM OF "INTERPRETIVE TUNNEL"

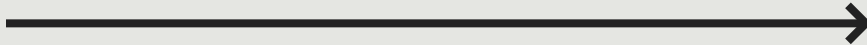


ISSUE 1: TRAINING LARGE LANGUAGE MODELS

GloVe



HuggingFace's *Big Science* LM



How does the design of these two models differ,
in relation to the issues we raised before?

ISSUE 2: RESPONSIBILITIES: LOCUS OF INTERPRETATION

Read the linked report



[ArXiv link for those interested]



What's the issue here?