

THE USES (AND ABUSES) OF COMPUTATION IN SOCIAL SCIENCE

SICCS-NDSU

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

OVERVIEW

What is CSS good for?



Ethical pitfalls



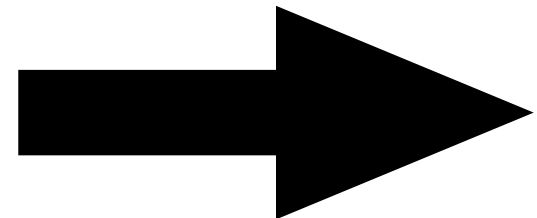
Case studies



WHY DO COMPUTATIONAL
SOCIAL SCIENCE? WHAT KINDS OF
QUESTIONS CAN WE ANSWER?

WHAT DO COMPUTATIONAL APPROACHES
TO SUCH QUESTIONS RELY ON?

PROBLEM OF JUSTICE
PROBLEM OF "INTERPRETIVE TUNNEL"

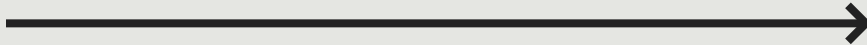


ISSUE 1: TRAINING LARGE LANGUAGE MODELS

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?