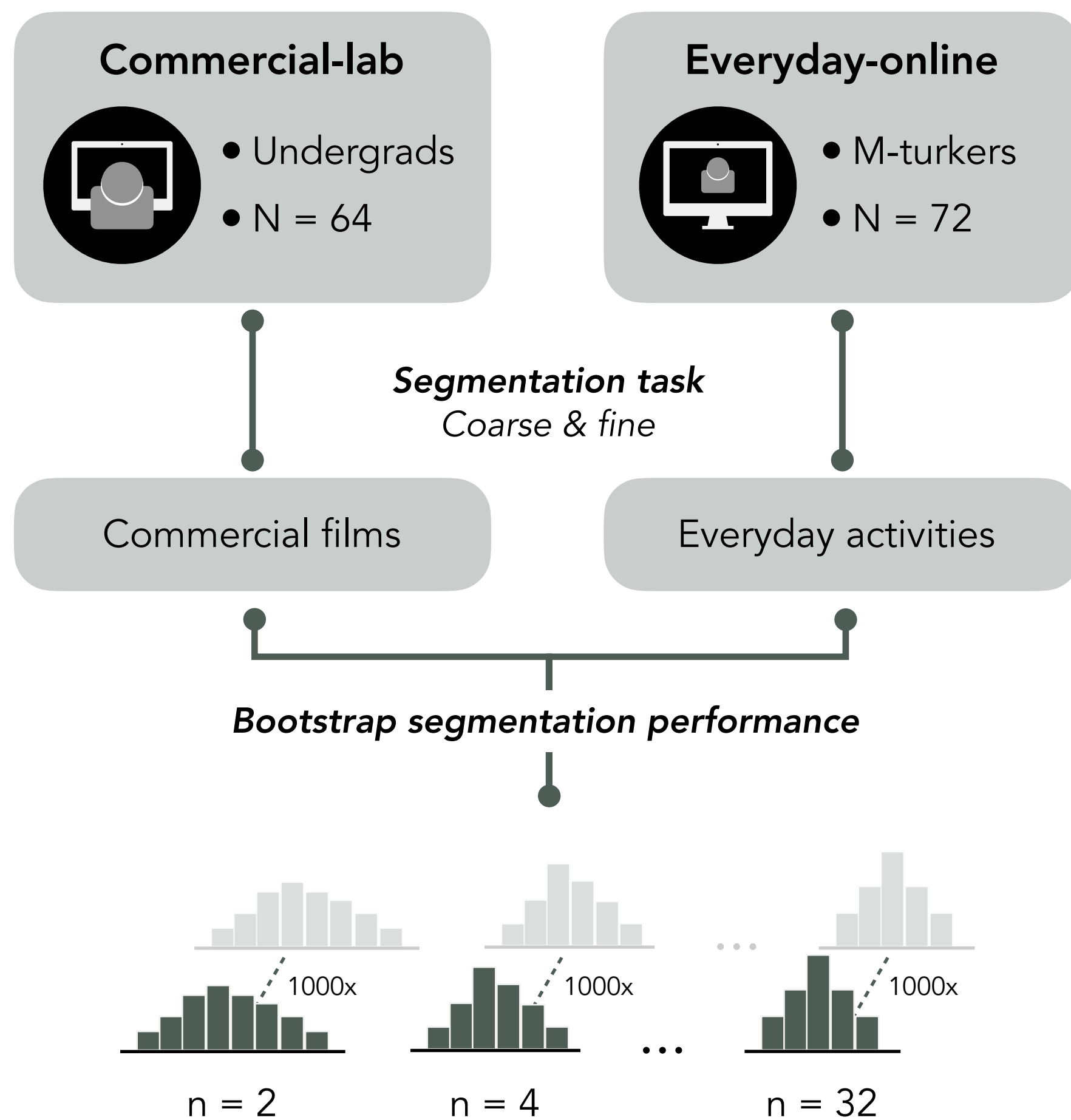
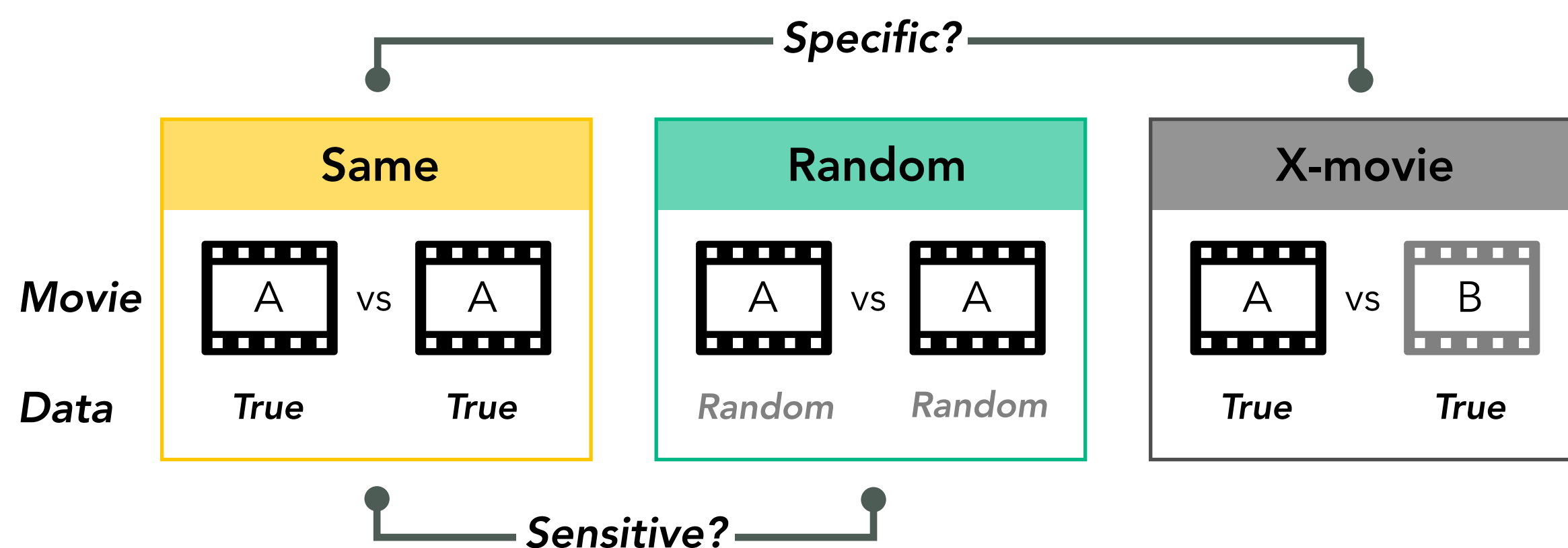


A Study & data processing design



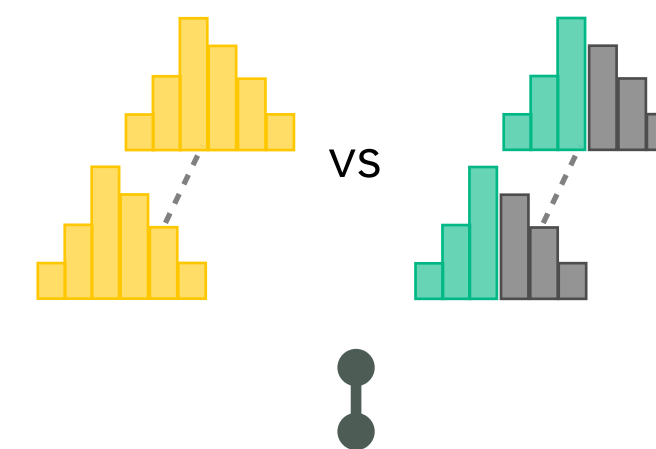
B Calculate different agreement conditions



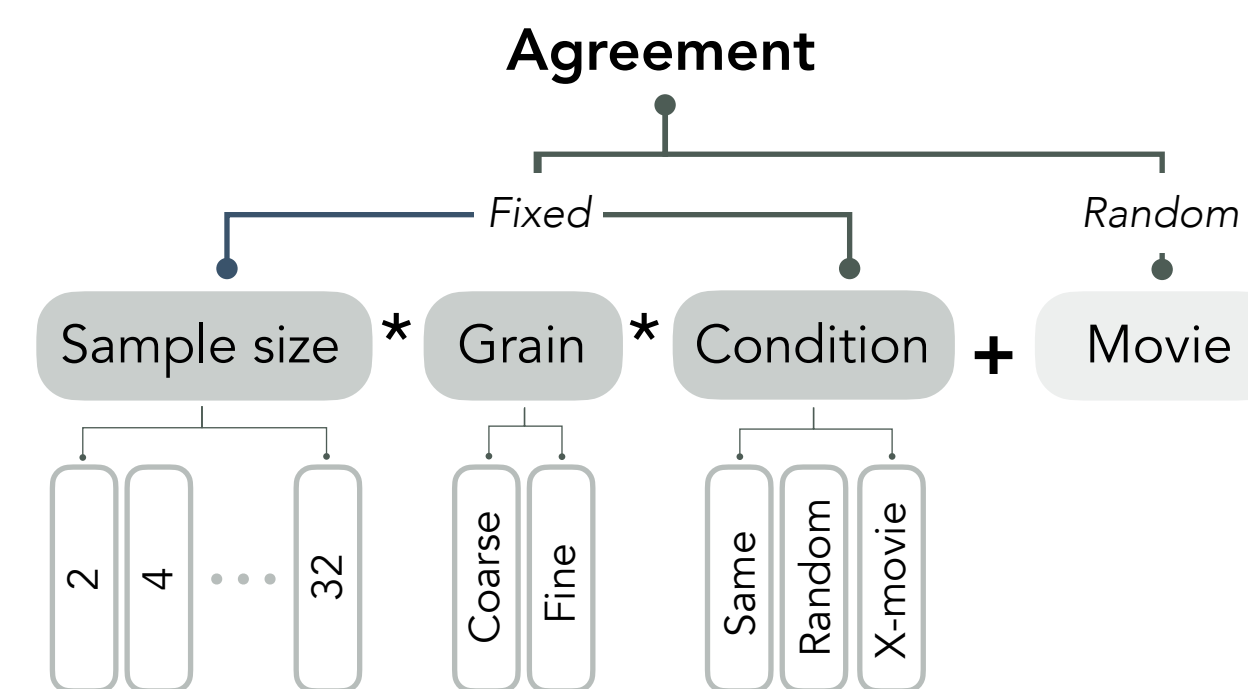
C Statistical analyses

Q1: What is the sample size required to detect non-random and video specific segmentation?

Across multiple samples

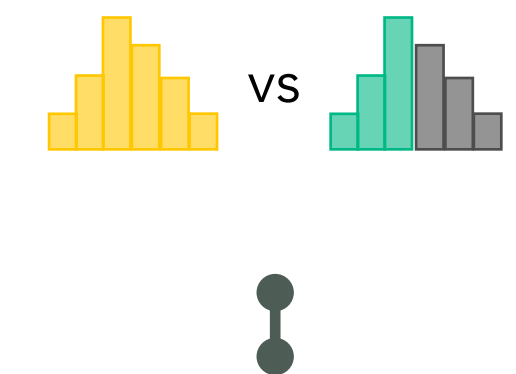


Linear mixed effect model*:



*Modeled separately for commercial-lab and everyday-online

Within a single sample



Standardized difference (t_{est}):

$$\frac{M_{\text{same}} - M_{\text{random/ x-movie}}}{\text{Pooled SD}}$$

Q2: Do segmentation agreement eventually stabilize with big enough sample size?

Fit polynomial contrast to linear mixed effect model:

