THE POSITIONING MATTERS

ESTIMATING GEOGRAPHICAL BIAS IN THE MULTILINGUAL RECORD OF BIOGRAPHIES ON WIKIPEDIA

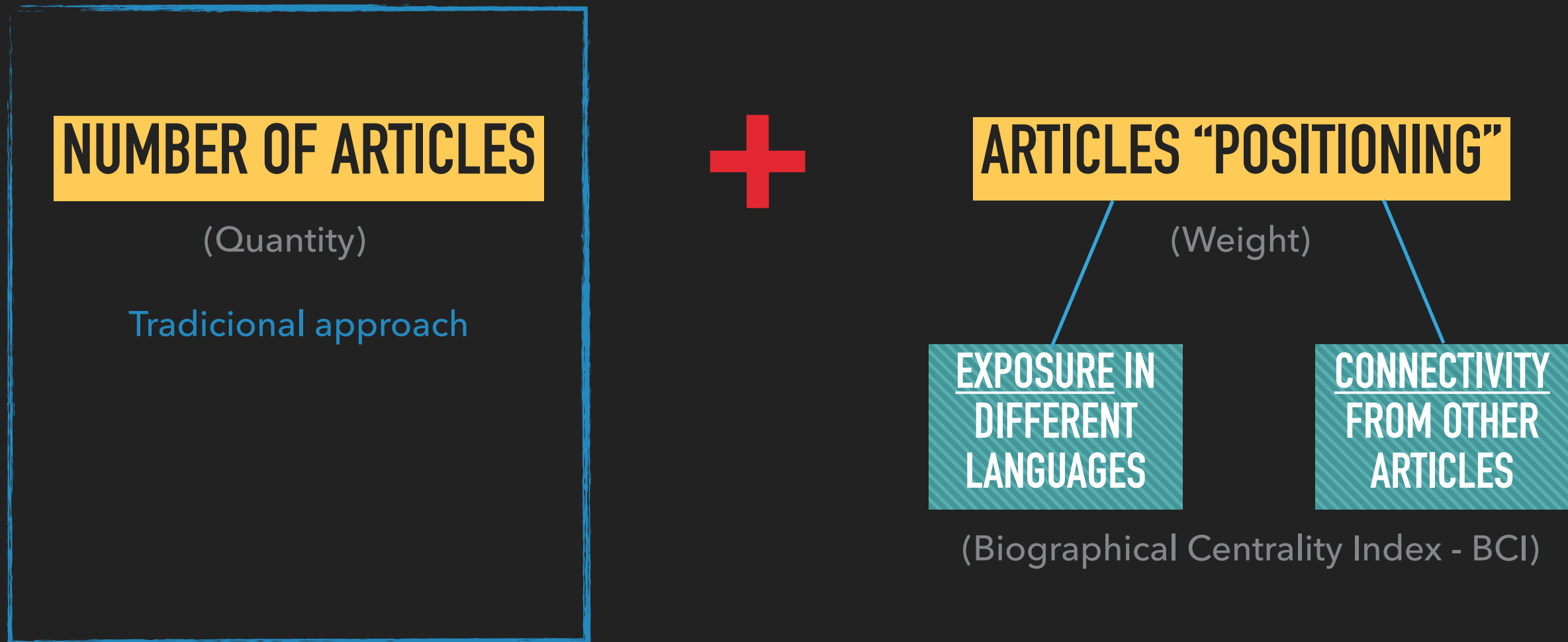Proceedings of the Web Conference, April 20–24, 2020, Taipei, Taiwan

Pablo Beytía

Alexander von Humboldt Institute for Internet and Society (HIIG)

Department of Social Sciences, Humboldt University of Berlin

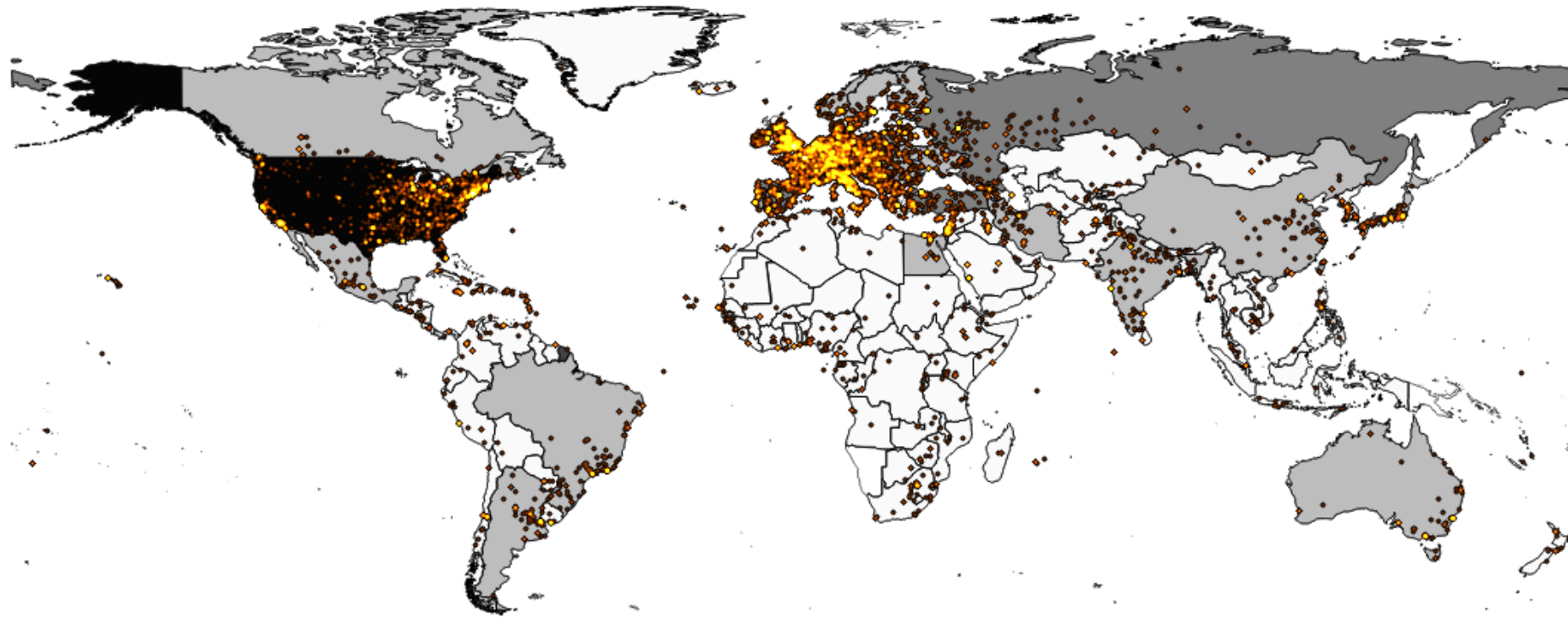HIIG profile / Researchgate / Academia.edu / Google Scholar

MAIN PROPOSAL

▸ EVALUATE THE GEOGRAPHICAL BIAS IN WIKIPEDIA BY CONSIDERING THE POSITIONING OF THE ARTICLES.

▸ THE BIAS MEASUREMENT WOULD INCLUDE 2 COMPONENTS:

NUMBER OF ARTICLES

(Quantity)

Tradicional approach

+

ARTICLES "POSITIONING"

(Weight)

EXPOSURE IN DIFFERENT LANGUAGES

CONNECTIVITY FROM OTHER ARTICLES

(Biographical Centrality Index - BCI)

● A secondary objective is to estimate the global information inequality
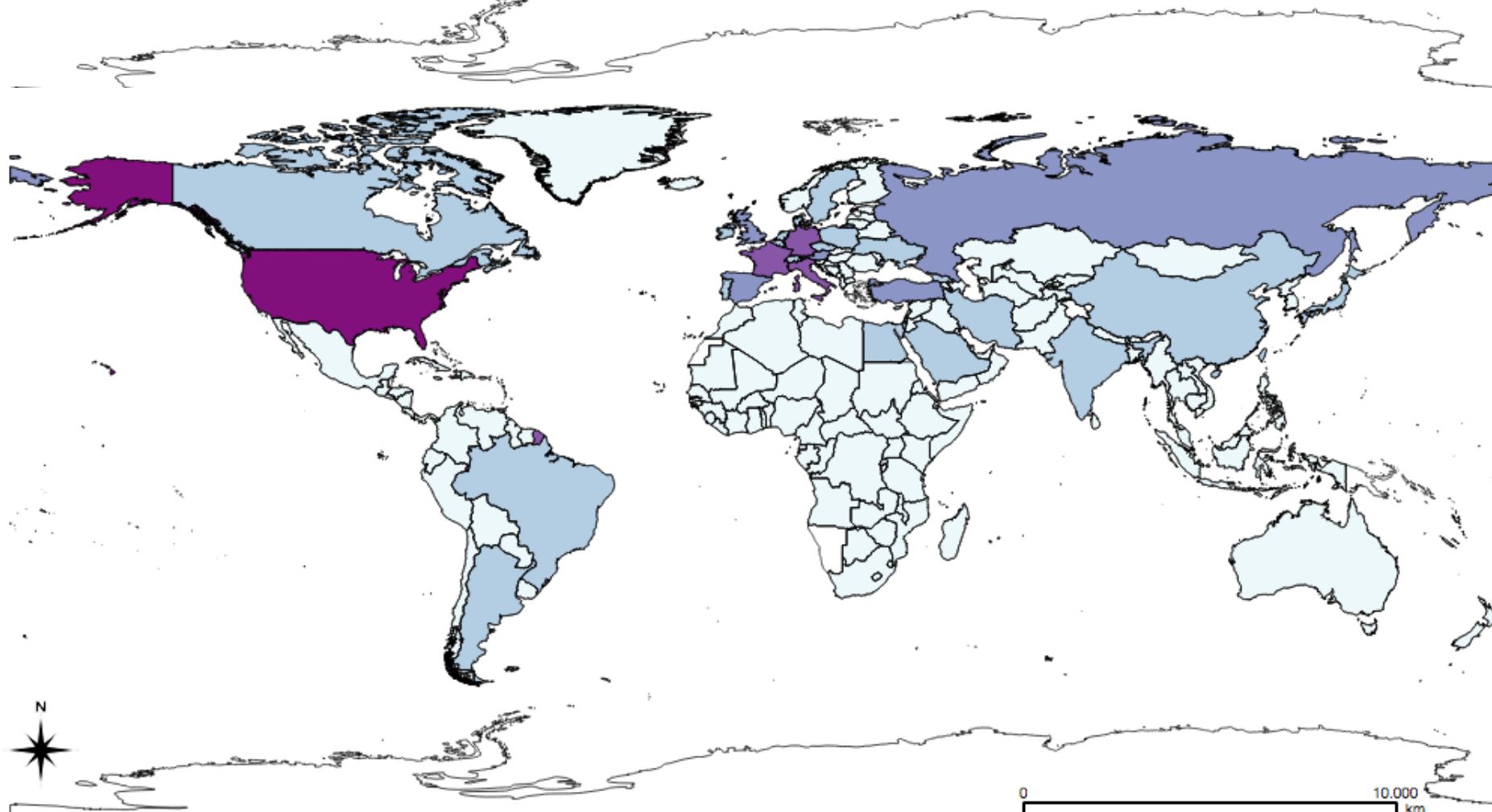
IS THIS CHANGE RELEVANT?
AN EMPIRICAL ASSESSMENT WITH BIOGRAPHIES IN 25 OR MORE LANGUAGES (YU ET AL 2016; BEYTÍA & SCHOBIN 2018)

CLASSIC APPROACH

50,6%

in 5 countries

.79

Gini

NEW APPROACH

62,1%

in 5 countries

.84

Gini