

How do we evaluate what we don't know?

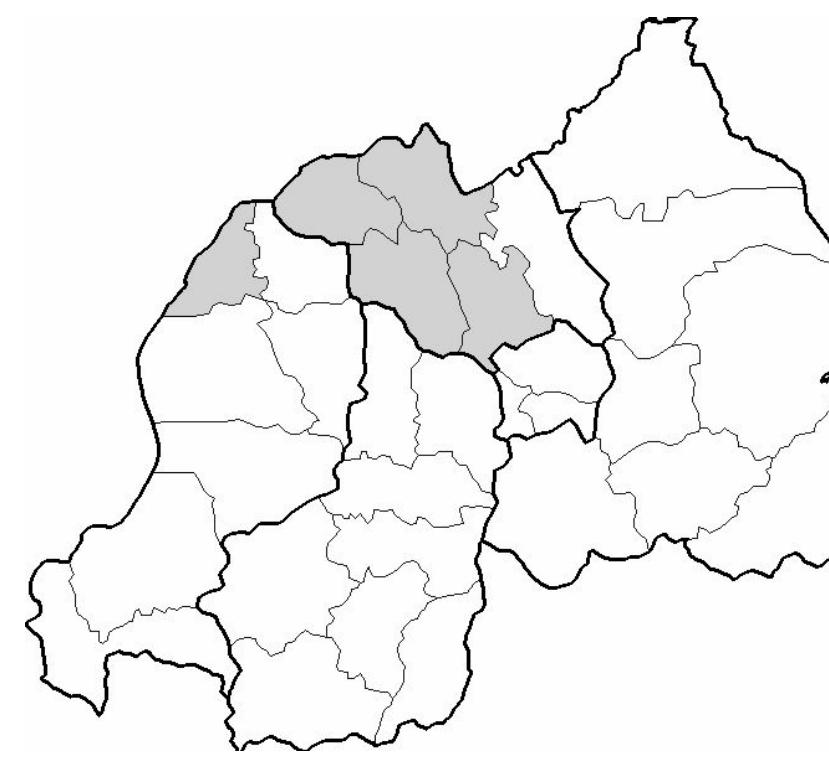
Social evaluation of ambiguous variables in Kinyarwanda

Adam An¹ & Jean Paul Ngoboka²

¹University of Kansas ²University of Rwanda
NNAV53 · University of Michigan - Ann Arbor

Introduction

Kinyarwanda: Rwanda (East Africa), Bantu, ~10M speakers
agglutinative verbal morphology with subject and tense prefixes
ikirera, ikigoyi dialects spoken in Northwest of Rwanda



Variation

two NW variables: *u~g-* and *0~ra-*
(An & Ngoboka 2025)

prestige *u-* ~ NW *g-*

subject agreement markers

(1) Umwembe (g)umwe (g)waguye hasi.
mango one fell down.
'One mango fell down.'

almost all Rwandans: *g-* is NW and stigmatized

prestige *0* ~ ambiguous

NW/young *ra-*

negated present-progressive prefix

(2) Ntabwo ba(ra)soma.
not they.are.reading
'They are not reading.'

ra- also NW, but unlike *g-*, *ra-* spreading among young Rwandans

some Rwandans: *ra-* is NW

other Rwandans: *ra-* is young, not regional

→ social meaning of *ra-* ambiguous

Research Questions

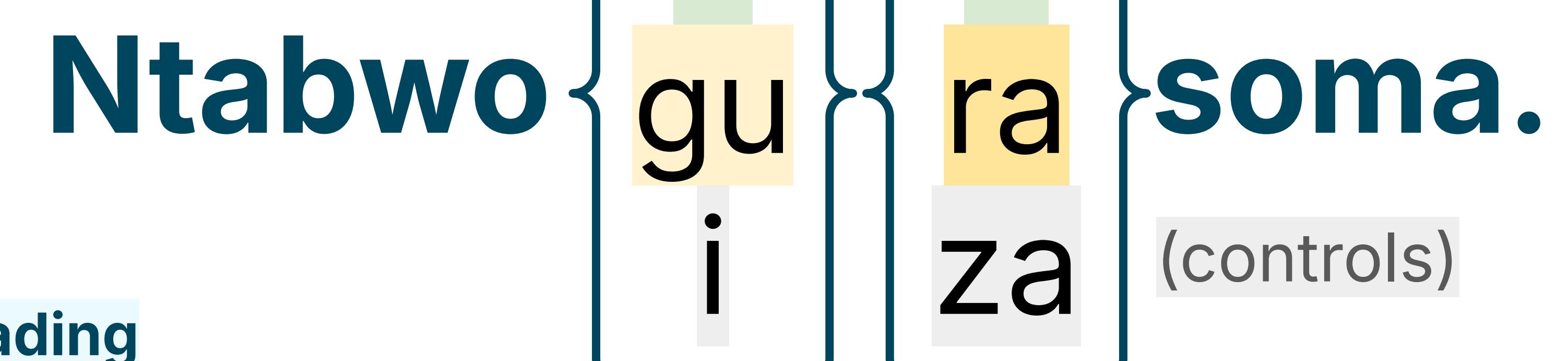
- (1) What **social meaning** is indexed by prestige, NW, and **ambiguous** forms?
- (2) Do prestige variants **contribute different social meaning** if a nonstandard alternant exists?
- (3) Is there a difference between the contribution to meaning of **phonetically zero** and **non-zero forms**?
- (4) Can evaluation of ambiguous variables be influenced by **co-occurrence** of nonambiguous variables? (Pharao & Maegaard 2017)
- (5) How are forms with **conflicting** meaning evaluated?

Method

matched-guise experiment

audio stimuli adapted from news articles recorded by two prestige speakers and two NW speakers

stimulus format:



respondents will evaluate stimuli on Likert scales informed by previous work: **age, region, correctness, humorousness**

(An & Ngoboka 2025)

Predictions

NW variable alone (*g-*)

social evaluation of NW (1)

ambiguous variable alone

(NW/young *ra-*)

bimodal responses representing Northwesternness and youth (1)

ambiguous X

nonambiguous variable

(NW/young *ra-* × prestige *u-* or NW *g-*)

evaluation of ambiguous *ra-* influenced by prestige or NW variables as disambiguators (4)

nonambiguous,

conflicting variables (NW *g-* × prestige *0*)

NW "overrides" prestige or vice versa (5)

Summary of Predictions

	prestige 0	NW/young <i>ra-</i>	control
prestige <i>u-</i>	prestige	ambiguity disambiguated by prestige variable	prestige, nonzero
NW <i>g-</i>	evaluation of conflicting social information	ambiguity disambiguated by NW variable	NW
control	prestige, zero	ambiguous, bimodal	control