

## PHONATION CONTRASTS ACROSS LANGUAGES

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### ABSTRACT

This study compares the phonetics of phonation categories within and across four languages: Gujarati (modal, breathy), White Hmong (modal, breathy, creaky), Jalapa Mazatec (modal, breathy, creaky), and Southern Yi (tense, lax). In addition to acoustic measures in all four languages, electroglottographic measures were also compared for Gujarati, Hmong, and Yi. Several measures distinguished phonation categories within each language, although only H1\*-H2\* and CQ did so in all languages measured. When within-language phonation categories were then compared across languages, they were found t

contact (PIC). (“Hybrid”: the edges of the glottal cycle’s contacting phase are defined using two different methods; see [1]. PIC is the peak positive



