

**Problem 4.**  $\overset{\text{R}}{\downarrow} \text{C}_1 \text{V} \text{C}_2$  (V is the stressed vowel)

- North dialect:  $\text{R} = \text{C}_1 \check{\text{V}} \text{C}_2$ , but
  - $\text{C}_1 = \text{C}_2 \Rightarrow \text{R} = \text{C}_1 \text{V}$
  - there is a vowel before  $\text{C}_1 \Rightarrow \text{R} = \text{C}_2$
- Coast dialect:  $\text{R} = \text{C}_1 \check{\text{V}}_1 \text{C}_2 \text{V}_2$ , but
  - $\neg \exists \text{V}_2 \Rightarrow \text{R} = \text{C}_1 \text{V}_1 \text{C}_2$
  - $\exists \text{V}_2 \wedge \text{C}_2 \in \{\text{C}_1, \text{k}, \text{g}, \text{ŋ}, \text{w}\} \Rightarrow \text{R} = \text{C}_1 \text{V}_1$

( $\text{C}_1, \text{C}_2$  are consonants;  $\text{V}, \text{V}_1, \text{V}_2$  are vowels)

Answers:	North dialect	Coast dialect
ɛtaleŋa	ɛtaŋleŋa	ɛtaleleŋa
jaga	jaɡjaga	jaɟaga
gasírana	ɡarsírana	ɡasirasírana
daramota	darat̪mota	daramotamota
pɔwna	pɔwpɔwna	pɔwpɔwna
ertɔpa	ertɔptɔpa	ertɔpatɔpa
dabuka	daɓbuka	daɓubuka
ŋuŋim	ŋuŋuŋim	ŋuŋuŋim
igónŋ	iŋɡónŋ	igónŋɡɔŋ