

Cross-Language Articulatory Database – English EPG Set 2 (RLS)

Carrier phrase: *I say _____ again.*

| | | Syllable | | | |
|----|------------|----------------|---------------|---------------|--------------|
| | | <i>Initial</i> | | <i>Final</i> | |
| | | Word | | | |
| | | <i>Initial</i> | <i>Medial</i> | <i>Medial</i> | <i>Final</i> |
| p | Stressed | park | repair | captain | tip |
| | Unstressed | potato | zipper | uptight | gossip |
| t | Stressed | talk | attack | neatly | let |
| | Unstressed | tomato | atom | outpour | rabbit |
| k | Stressed | cake | location | picnic | cake |
| | Unstressed | correct | locker | | picnic |
| b | Stressed | bath | rebuild | subject | web |
| | Unstressed | banana | rabbit | obtain | Arab |
| d | Stressed | door | redo | sadly | head |
| | Unstressed | decide | tidy | admire | acid |
| g | Stressed | gift | ago | fragment | jog |
| | Unstressed | gorilla | muggy | augment | backlog |
| f | Stressed | film | offend | laughter | life |
| | Unstressed | forget | coffee | afternoon | mischief |
| s | Stressed | salt | decide | sister | guess |
| | Unstressed | severe | acid | misread | pieces |
| ʃ | Stressed | shame | ashamed | brashly | wash |
| | Unstressed | charade | location | --- | smallish |
| v | Stressed | vain | severe | lovely | save |
| | Unstressed | veranda | avenue | | passive |
| z | Stressed | zipper | bizarre | grizzly | sneeze |
| | Unstressed | | dizzy | | realize |
| ʒ | Stressed | --- | --- | --- | beige |
| | Unstressed | --- | Asia | --- | --- |
| ð | Stressed | though | although | smoothly | bathe |
| | Unstressed | smoothie | weather | --- | sunbathe |
| θ | Stressed | thigh | rethink | birthday | bath |
| | Unstressed | theology | python | withdraw | twentieth |
| h | Stressed | head | ahead | --- | --- |
| | Unstressed | harmonic | --- | --- | --- |
| ɔ̃ | Stressed | jacket | reject | hugely | fridge |
| | Unstressed | | agent | --- | courage |
| tʃ | Stressed | change | recheck | richly | rich |
| | Unstressed | | ketchup | | |
| m | Stressed | milk | demand | hamburger | shame |
| | Unstressed | mistake | comet | compare | atom |
| n | Stressed | nothing | banana | veranda | vain |
| | Unstressed | negate | contain | contain | carton |

| | | Syllable | | | |
|---|------------|----------------|---------------|---------------|--------------|
| | | <i>Initial</i> | | <i>Final</i> | |
| | | Word | | | |
| | | <i>Initial</i> | <i>Medial</i> | <i>Medial</i> | <i>Final</i> |
| ŋ | Stressed | --- | --- | kingdom | ring |
| | Unstressed | --- | --- | --- | nothing |
| l | Stressed | let | release | filter | small |
| | Unstressed | location | gorilla | although | apple |
| ɹ | Stressed | rich | correct | carton | door |
| | Unstressed | redo | Arab | forget | zipper |
| j | Stressed | yard | beyond | --- | --- |
| | Unstressed | yourself | lawyer | --- | --- |
| w | Stressed | wash | rewind | --- | --- |
| | Unstressed | withdraw | highway | --- | --- |

Table 1. Consonants (English).

| | p/t/k | n/m | l | r | j | w |
|---|--|------------------|-------|-------|--------|-------|
| p | --- | --- | play | pray | | --- |
| t | --- | --- | --- | train | | twin |
| k | --- | --- | clay | cream | cute | queen |
| b | --- | --- | blow | broom | beauty | --- |
| d | --- | --- | --- | drain | | dwell |
| g | --- | --- | glaze | groan | --- | |
| f | --- | --- | fly | free | few | --- |
| s | spot, start, skin, sprint, strike, scream | sneeze, small | slow | | --- | sweet |

Table 2. Word-initial consonant clusters (English).

| | n,m,ɹ | f,s,ʃ, v,z | p,t,k, b,d,g |
|-------|---------------------|---------------------------|--|
| p,t,k | --- | lips, gets, axe | kept, subject |
| b,d,g | --- | ribs, ads, dogs | --- |
| f,s,ʃ | --- | laughs | gift, crisp, last, ask, washed |
| v,z | --- | saves | saved, closed |
| n,m | --- | pins, names | agent, beyond, lamp rewind, ashamed |
| l | film | golf, pulse, solve, tells | help, salt, milk, bulb, rebuild |
| ɹ | warn, warm, curl | surf, horse, serve, doors | start, park, verb, yard |

Table 3. Syllable-final consonant clusters (English).

| | |
|----|----------------|
| i | heed, see |
| ɪ | hid, tip |
| e | hayed, cake |
| ɛ | head, let |
| æ | had, bath |
| ʌ | hud, cut |
| o | hoed, blow |
| ɔ | hod, door |
| ɑ | hawed, saw |
| ʊ | hood, foot |
| u | who'd, do |
| ɜː | heard, third |
| ə | demand, pieces |

Table 4. Monophthongs (English).

| | |
|----|------------|
| aw | how'd, cow |
| aj | hide, die |
| oj | hoyed, boy |

Table 5. Diphthongs (English).

- Stress

Roots: *acid, analogue, atom, businesslike, Canada, capital, context, grammar, luxury, parent, product*

Primary suffixes: *acidify, analogous, analogy, atomic, Canadian, contextual, luxurious, parental, productive, productivity*

Secondary suffixes: *capitalism, productiveness, parenthood, businesslike*