# Reading nonwords

○ **Pritchard (2012)**

Reading 412 nonword by 47 australian participants

DRC > 73,5% of correspondance

CDP+ adjusted > 20% of correspondance

But all DRC simulated pronunciations are regular !

Table 2

*Classification of Pronunciations Given by Experiment Participants and by Each Model*

| Classification | Experiment participants | DRC | CDP+ | CDP.50 |
|---|---|---|---|---|
| Regular | 53.0 | 100.0 | 0.0 | 9.0 |
| Vowel difference | 20.3 | 0.0 | 36.7 | 35.7 |
| Dropped phoneme | 1.2 | 0.0 | 11.4 | 5.1 |
| Extra phoneme | 4.0 | 0.0 | 7.3 | 5.1 |
| s/z coda difference | 4.0 | 0.0 | 10.9 | 11.9 |
| Consonant difference | 5.1 | 0.0 | 16.7 | 20.1 |
| Other | 12.4 | 0.0 | 17.0 | 13.1 |

# Reading nonwords

○ **Perry et al (2014)**

Reading 70 (28) nonword by 32 french participants

Final consonants are most of the time not pronounce in French

> GPC rule is then not to pronounce them

But participants were often pronouncing them in nonword

> correctly reproduced by CDP++ , not by DRC

**DRC is quantitatively better but qualitatively weaker**
(problems with nonwords that are not pronounced regularly)