





and the phonetic structure of the syllable are predictable; all one needs to perceive is that there is more to the former. Some such operation will, I think, do for all cases where the -l consonant, that next to the vowel, is the same for both words, and perhaps also for contrasts of the shape CV- versus V-.

For such a prevocalic contrast as *black* versus *track*, from an actual list (given by J. W. Black in *Journal of Speech and Hearing Disorders* 28: 81), the difference can be no more than that between /b/ and /t/ for another reason: in /'b-æk/ only /l/ occurs in an available English word and in /'t-æk/ only /r/. For *stubble* versus *trouble*, from the same list, the orthographically apparent difference in tension for the -l consonants is of course cancelled by the phonetic structure and the other possible differences by occurrence, leaving only the /s/ - /t/ difference effective.

I make only two comments on postvocalic clusters. The difference between *things* /'θɪŋz/ and *thinks* /'θɪŋks/ is only that between /z/ and /s/, because the /k/ is predictable. No two clusters can have more than 2 degrees of difference in tension, i.e. one +—, because such difference must be fixed by the first or second consonants and beyond that is invariable, exx.: /-vdz/ - /-fts/ (words?), /-ndz/ - /-lts/.

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#### Discussion

*Black* (Columbus): May I elaborate on the 4-word group Mr. Hultzén has put on the board: fair, bare, care, and pair, and the respective scores 40, 76, 47, and 57. These words appear together because when one of them was used as a stimulus the other three occurred most frequently among the error responses. Later, and purely for experimental purposes, each of these three words was used as a stimulus and auditors were asked to identify from the 4-word group which one had been spoken. Thus, when *fair* was the stimulus it was reorganized correctly by 40% of the listeners; when *bare* was spoken it was reorganized by 76% of the listeners, etc.

Now with respect to predicting the foregoing outcomes, I would only call attention to the characteristically low scores that attend [f] and thus would expect *fair* to be the least identifiable of the 4 words, in keeping with the obtained results. I wonder whether or not Mr. Hultzén has tried other predictive formulas, for example ones that give weightings to sound pressure level.