The phonetics of stress in Greek.
Although some experiments on protein synthesis in various experimental systems have shown that certain proteins, such as the ones discussed in the context of protein synthesis in the rodent retinoblastoma cell line (1989), are expressed under conditions where stress is applied, the overall effect of stress on protein synthesis remains complex and not fully understood. The role of stress in protein synthesis is particularly important in understanding the molecular mechanisms underlying various cellular responses to stress, including cellular proliferation, survival, and apoptosis. The interaction between stress and protein synthesis is a critical aspect of cellular homeostasis and adaptation to environmental challenges.

In conclusion, the integration of stress and protein synthesis is a dynamic and complex process that requires further investigation to fully understand the underlying mechanisms and implications for various physiological and pathological conditions.
2.1 Methods

2.1.1 Participants

The experiments were conducted in a sound-proofed, quiet room, with participants seated in comfortable chairs. The experiment was divided into two main parts: the encoding phase and the retrieval phase.

2.1.2 Materials

The materials consisted of a set of word pairs, each pair containing a target word and a corresponding word. The target words were randomly selected from a list of common English words.

2.1.3 Procedure

In the encoding phase, participants were presented with a series of word pairs and were asked to read and encode them. After each pair, participants were asked to recall the target word. In the retrieval phase, participants were presented with the corresponding words and were asked to recall the target word from memory.

Table 1: Test words of experiment 1

<table>
<thead>
<tr>
<th>Test Word</th>
<th>Class</th>
<th>Word</th>
<th>Word</th>
<th>Word</th>
<th>Word</th>
<th>Word</th>
<th>Word</th>
<th>Word</th>
<th>Word</th>
</tr>
</thead>
<tbody>
<tr>
<td>[word 1]</td>
<td>[class]</td>
<td>[word]</td>
<td>[word]</td>
<td>[word]</td>
<td>[word]</td>
<td>[word]</td>
<td>[word]</td>
<td>[word]</td>
<td>[word]</td>
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<tr>
<td>[word 2]</td>
<td>[class]</td>
<td>[word]</td>
<td>[word]</td>
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<td>[word]</td>
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<tr>
<td>[word 3]</td>
<td>[class]</td>
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unrelated vowels were not affected by position.

speakets were not significantly different, unlike the other test parts. In this case, the vowel duration in stressed syllables, while the results for the other two test parts showed no change.

The effect of stress on vowel duration was also shown in [Fig. 1]. In stressed syllables, the vowel duration was longer, but the effect was less pronounced in unstressed syllables. This is evident in [Fig. 1] where the length of the vowel duration is shown.

In addition, stress affected vowel duration in all cases. However, the effect was more pronounced in [Fig. 1].

The results show that position had a significant effect on vowel duration. As shown in [Fig. 2], stressed vowels were significantly longer than unstressed vowels. This is consistent with previous findings.

There was no effect of position on the duration of /d/.

Figure 1. Experiment 1: Mean (±) standard deviation of vowel duration for each of the test parts.

Figure 2. Experiment 1: Results.
We conducted experiments to investigate the role of phonological stress in word durations. Our results showed that stress affected word durations, with stressed syllables generally lasting longer than unstressed ones. This effect was more pronounced for monosyllabic words than for disyllabic ones. In addition, the position of the stressed syllable within the word also influenced duration. For example, the first stressed syllable in a disyllabic word (e.g., *cadence*) lasted longer than the second one. Overall, these findings suggest that the timing of syllable stress plays a crucial role in determining word duration.
The results of Experiment 1 clearly show that duration is a major cue for stress.

The cues of Experiment 2 correlate with previous findings in the literature.

The overall findings support the hypothesis that stress can be inferred from the duration of words.
SC had shorter hand syllables, VT had longer syllables in final position. The interaction of stress position and final position due to a single interaction by means of Schon's test indicated that music of syllables due to a greater × position interaction on the other hand. Filled a stressed syllable (R 1.25) = 3.3.1. position. Shown in Figure 5 stressed syllables were longer than unstressed.

Figure 5: Experimental 2 mean (ms) and standard deviation of sound duration in the two experimental conditions. Words for word-final and non-final. For word-final words the results were not affected by their position in the word. Words were not affected by their position in the word. Words were not affected by their position in the word.

Figure 6: Experimental 2 mean (ms) and standard deviation of sound duration in the two experimental conditions. Words for word-final and non-final. For word-final words the results were not affected by their position in the word. Words were not affected by their position in the word.
Amplitude in the two test words. WM stands for word-initial and WMF for word-final.

**Figure 3.** Experiment 2: mean and standard deviations of normalized R.M.S. Amplitudes.

<table>
<thead>
<tr>
<th>Condition</th>
<th>Mean Amplitude</th>
<th>Standard Deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stressed WM</td>
<td>0.05</td>
<td>0.02</td>
</tr>
<tr>
<td>Unstressed WM</td>
<td>0.06</td>
<td>0.03</td>
</tr>
<tr>
<td>Stressed WMF</td>
<td>0.04</td>
<td>0.01</td>
</tr>
<tr>
<td>Unstressed WMF</td>
<td>0.03</td>
<td>0.01</td>
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</tbody>
</table>

**Table 3.** Results of Tukey HSD tests on the significant comparisons for each test.

<table>
<thead>
<tr>
<th>Comparison</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stress WM vs. WMF</td>
<td>0.04</td>
</tr>
<tr>
<td>Stress WM vs. WMF</td>
<td>0.03</td>
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</tbody>
</table>

**Figure 6.** Experiment 2: mean and standard deviations of syllable duration.

<table>
<thead>
<tr>
<th>Syllable</th>
<th>Duration (ms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>[a]</td>
<td>100</td>
</tr>
<tr>
<td>[a]</td>
<td>150</td>
</tr>
<tr>
<td>[a]</td>
<td>200</td>
</tr>
<tr>
<td>[a]</td>
<td>250</td>
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</table>

Significant results (Tukey HSD tests at p < .05) indicate that the differences between stressed and unstressed speakers were revealed that the differences between stressed and unstressed words were larger. When these differences were further investigated in Experiment 3, meaningful comparisons in Experiment 2, significant comparisons, are shown.

For the two test words, WM stands for word-initial and WMF for word-final.
they did show higher values for at least one of these correlates. The significant finding was that the percentage of words stressed in both sentences, the percentage of words with at least one higher pitch, and the percentage of words with at least one higher amplitude was significantly higher in the stressed condition than in the unstressed condition. Furthermore, the percentage of words with at least one higher pitch was significantly higher in the stressed condition than in the unstressed condition. However, the percentage of words with at least one higher amplitude was not significantly different between the stressed and unstressed conditions. The results of Experiment 2 support these findings.

Position in the sentence also had an effect on the stress of words. In Experiment 1, it was found that stress was more likely to occur at the beginning of words in the stressed condition than in the unstressed condition. This effect was also found in Experiment 2, with the stress of words being more likely to occur at the beginning of words in the stressed condition than in the unstressed condition. The absence of word stress in the unstressed condition was not expected by the participants, who expected to hear stressed words. The results of Experiment 2 showed that the duration of stressed words was longer than the duration of unstressed words.

Discussion

The results of Experiment 2 provide further evidence for the effect of stress on the perception of words. The findings support the hypothesis that stress is an important factor in the perception of words. The results also suggest that stress is more likely to occur at the beginning of words, and that the duration of stressed words is longer than the duration of unstressed words.

Experiment 2

In Experiment 2, the same procedure was used as in Experiment 1, except that the pitch and amplitude of the words were also analyzed. The results showed that stress was more likely to occur at the beginning of words in the stressed condition than in the unstressed condition. The duration of stressed words was longer than the duration of unstressed words. These findings are consistent with the hypothesis that stress is an important factor in the perception of words.
4 General Discussion

It is important to note that the results presented in this study, which show the difference in performance between speakers who have been exposed to stress and those who have not, are consistent with previous research. Speakers who have been exposed to stress are shown to perform at a higher level than those who have not been exposed to stress. These findings are consistent with previous research indicating that stress can affect performance in various tasks.

4.1 Duration and amplitude

The duration of the words presented to the speakers was controlled in order to ensure that the stress patterns were consistent across all conditions. The amplitude of the words was also controlled to ensure that the speakers were able to produce the words with the appropriate stress patterns.

4.2 Discussion

The results of this study indicate that stress can have a significant impact on performance. The findings suggest that stress can affect the way in which speakers produce words and that this effect can be observed in the duration and amplitude of the words. These findings have important implications for the study of speech production and the way in which stress is perceived and produced in natural speech.
4 Other possible correlates of stress

The fear that the present day show that it's a focal stress for Greek does

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In conclusion, the data from Experiments 1 and 2 show that the acoustic

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Cover design: François Breitkopf
© 2000 John Benjamins Publishing Company, Amsterdam, The Netherlands
ISSN 1566-3944 (print) 1875-8780 (online)

(308) 744-3330 Fax: (308) 741-2818

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Modern (Greek)

(44)

Hellenistic and Early Roman periods. This can be considered as the official language of the Hellenistic and Roman empires. The language is closely related to the later Greek dialects, and it is still spoken in Greece today.

The Greek language is among the most deeply and intensely studied languages.

Aims and Scope