## EFFECT OF SEMANTIC CONTEXT ON THE PERCEPTUAL

## 3. RESULTS

## **3.1. Pre-/post-training tone identification**

Identification accuracy on the pre- and posttraining tests was calculated based on the proportion of correct responses by lexical tone (Figure 1). The mean percent correct scores were submitted to a 3-way mixed analysis of variance (ANOVA) with Group (NM, M) as a betweensubjects factor and Session (pre, post) and Tone (1-4) as repeated measures.

## 4. DISCUSSION AND CONCLUSIONS

Results show that both the Meaning and Nomeaning groups made significant improvements as a result of training. However, while the two groups started at the same level at pre-test, the Nomeaning trainees had significantly higher tone identification accuracy rates than the Meaning trainees at post-test. In contrast, the inter-session tests with the training stimuli reveal that the Meaning group outperformed the No-meaning group throughout training.

These results indicate that, for the Meaning group in contrast to the No