started a new training which included gender dependent
models. At the training stage where the evaluation sys-
tem had a 16.8% error on the 1992 WSJ development
si-dev-05, the improved system had a word error rate
ich is a reduction by about 13%

ON AND FUTURE PLANS

ecognizer has proven to give good
the 1994 Verbmobil eval-
elopment data

oustic Modeling for
er-Independent Continuous Speech Recognition",
Ph. D. Thesis, Carnegie Mellon University, 1993

[3] Digalakis V., Murveit H.

word errors on the 1992 si-dev-05 test set. We trained
a recognizer with all the training steps that were de-
scribed in 1.3 using only the SI-84 training set. All
hitecture decisions were made with this data. We
n 2885 context dependent models that per-
si-dev-05 development test set
numbers of mod-
t different

1.3 TRAINING

The default training procedure is as follows:

- Create labels for a given database, using an existing recognizer that was bootstrapped on previous databases (sometimes even foreign databases, if necessary). For this evaluation we used the male of Resource Management database.

ndependent continuous density
h the k-means al-
mixtures

THE JANUS SPEECH RECOGNIZER

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ABSTRACT

JANUS [17] was designed for the translation of sponta-
uman-to-human speech. Before the 1994 CSR
run with vocabularies of up to
ted on the Confer-
t tasks.