



Introduction to the March '94 ARPA workshop on Machine Translation

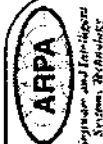
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The ARPA R&D Mission in Machine Translation

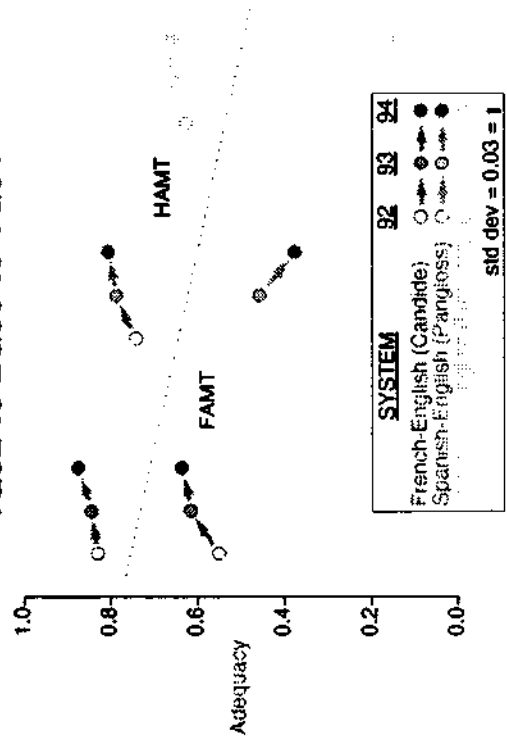
Mission: To develop "core MT technology", rather than total system-level functionality. The objective is to leverage R&D by making strategic advances that are broadly applicable.

R&D Paradigm: Direct R&D efforts through careful choice of MT task and objective evaluation of MT performance on it.

- TASK:** Fully Automatic Machine Translation (FAMT) of newspaper articles
 - French-to-English
 - Spanish-to-English
 - English-to-English
- EVALUATION:** Judgements supplied by monolingual speakers of English in 3 dimensions:
 - Adequacy
 - Fluency
 - Comprehension

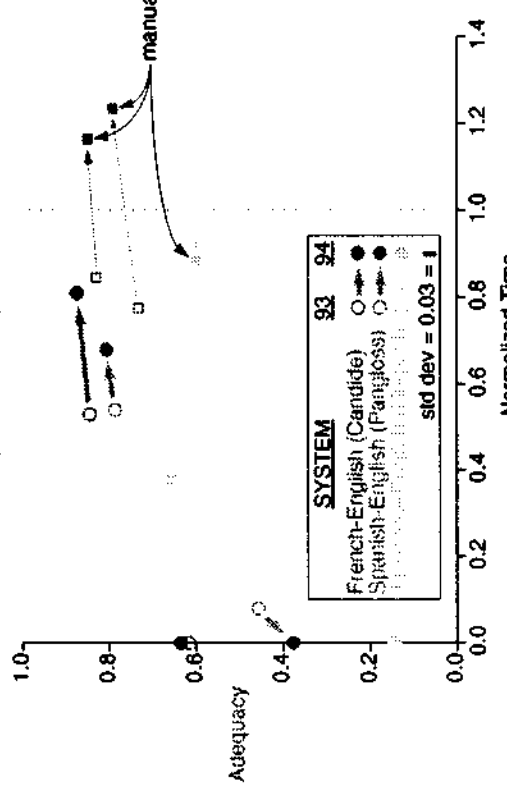


Progress in Adequacy 4Q92 to 2Q93 to 1Q94



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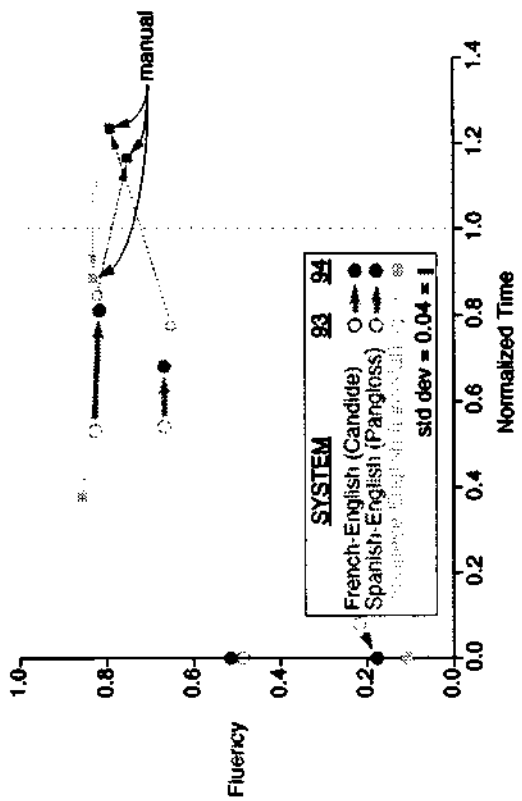
Progress in Adequacy 2Q93 to 1Q94



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Progress in Fluency 2Q93 to 1Q94



Progress in Comprehension 2Q93 to 1Q94

