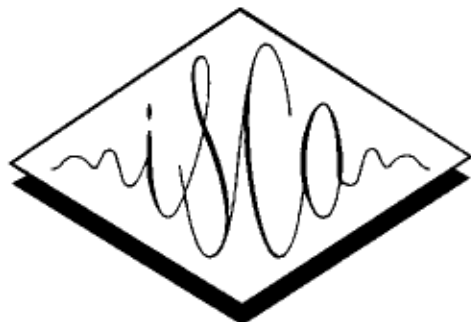# INTERSPEECH 2006 - ICSLP Ninth International Conference on Spoken Language Processing

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# Improving Phrase-Based Korean-English Statistical Machine Translation

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In this paper, we describe several techniques to improve Korean- English statistical machine translation. We have built a phrase-based statistical machine translation system in a travel domain. On the baseline phrase-based system, several techniques are applied to improve the translation quality. Each technique can be applied or removed easily since the techniques are part of the preprocessing method or corpus processing method. Our experiments show that most of the techniques were successful except reordering the word sequence. The combination of the successful techniques has significantly improved the translation quality.

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