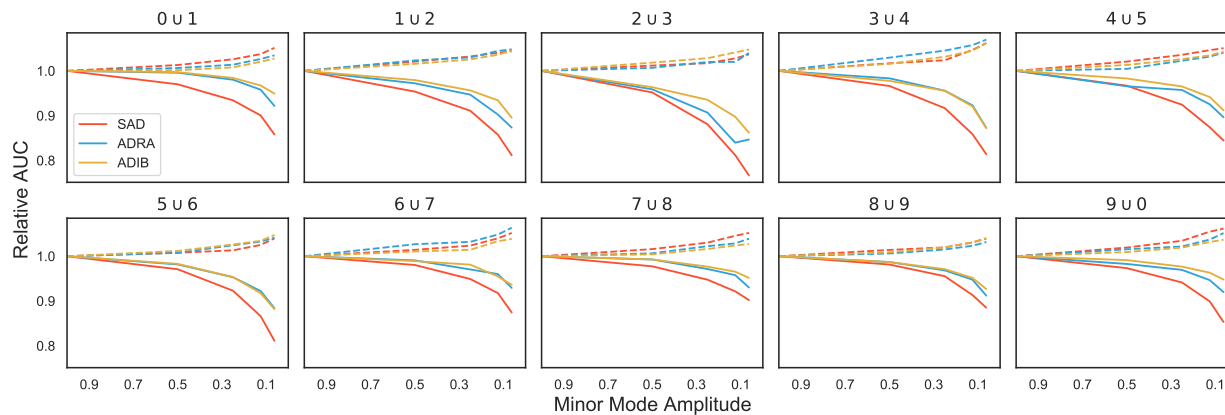


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## Supplementary Material: Transfer-Based Semantic Anomaly Detection

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### Robustness to Small Modes

Displayed are pairs  $(y_a, y_b) = (\text{"airplane"}, \text{"automobile"})$ ,  $(y_a, y_b) = (\text{"automobile"}, \text{"bird"})$ , *etc.* for the robustness trials of Section 5.4. ADRA and ADIB consistently obtain higher robustness on examples from the minority class  $y_b$ .