



Bi-monthly Report

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Improved deep speaker vector

- ♦ Semi Test-independent SV
 - ✓ Phone-dependent training
 - ✓ Non-linear dimension reduction
- - ✓ Segment pooling
 - ✓ Dynamic time warping (DTW)
- ♦ Score Combination



- Discriminative feature selection on Score-level
 - ♦ Speaker Clustering
 - ✓ K-means ('Elbow method')
 - ♦ Discriminative score-feature selection
 - ✓ Ranking Distribution
 - ✓ Cohort Score / Difference
 - ♦ Discriminative scoring binary classification
 - ✓ DNN / SVM



- Speaker Embedding
 - ♦ I-vector Clustering
 - √ K-means (cosine distance)
 - ♦ Model training
- Binary Representation
 - ♦ Block-training / LSH







Thank you