

## **Response to Reviewers**

- \* We have added experiments that show PCA and ICA (data-dependent feature design schemes) have poorer universality vs. our proposed approach.
- \* We have added experimental evidence of the semantic information captured by the proposed features.
- \* We have added citations to related work [17,18] that we found after the original paper submission.
- \* We have added references to an existing paper on our feature design scheme, which compares to prior work leveraging both Markov models and wavelet transforms.