

GTTS-EHU Systems for NIST 2015 LRE

- ✓ Fixed-training dataset partitioned into train, dev and test (30-second segments) for system development
- ✓ Standard i-vector systems based on MFCC and PLLR features
- ✓ Classifiers: G, FBG, LR, NN
- ✓ Backends: FBG, DG
- ✓ $C_{avg}=0.285$ for the primary system (discriminative fusion of 4 subsystems):

(1) PLLR features	+ FBG classifier	+ DG backend
(2) PLLR features	+ LR classifier	+ DG backend
(3) PLLR features	+ NN classifier	+ DG backend
(4) MFCC features	+ NN classifier	+ DG backend
- ✓ Fusion advantageous in development, but not in evaluation
- ✓ Huge performance degradation from development to evaluation: potential mismatch (speakers, channels) between both datasets