

## HQSYN16 - Task #4258

Task # 3679 (New): RA3d - Revision of positional parameters and weighting

Task # 4254 (Closed): Prosodic word based positional features

### Test the consistency of P0 prosodemes in our speech corpora

21.09.2017 10:16 - Matoušek Jindřich

<b>Status:</b>	Closed	<b>Start date:</b>	21.09.2017
<b>Priority:</b>	Normal	<b>Due date:</b>	31.12.2017
<b>Assignee:</b>	Matoušek Jindřich	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	RA3: Phonetically justified parameters for speech synthesis		
<b>Description</b>			
<b>The idea:</b> P0 prosodemes should have "flat" (or "neutral") intonation when compared to other prosodemes. Using appropriate features, design a classification experiment to classify P0 prosodemes to be really P0 or Px.  To find out whether the classification approach is suitable for this task, start with the most different prosodemes P1 and P2 - train and test a classifier on P1 and P2 examples.  <b>Note:</b> To detect P0 "anomalies", anomaly detection technique may be used instead of classification.			

#### History

##### #1 - 02.10.2017 21:56 - Matura Martin

- Status changed from New to Assigned

- % Done changed from 0 to 50

##### #2 - 10.12.2018 13:36 - Matura Martin

- Status changed from Assigned to Resolved

- % Done changed from 50 to 100

We find out that the classification approach is suitable for this task, because we were able distinguish P1 and P2 very well. Therefore we detected anomalies in P0 prosodeme in two corpora and then we classified those anomalies to appropriate prosodeme group.

##### #3 - 10.12.2018 13:36 - Matura Martin

- Assignee changed from Matura Martin to Matoušek Jindřich

##### #4 - 10.12.2018 13:49 - Matoušek Jindřich

- Status changed from Resolved to Closed