

Role of differences in the temporal characteristics of sounds on their sequential grouping

University of Birmingham - Temporal envelope and fine structure

Table 5. Sample analysis of discourse markers' functions from the author's data.	
1 TT: 'So, the first thing we are gonna do is (.) we are gonna do a little bit of sound' (speaking 1) (pre-lab)	
2 'Right? And what? I am not, in the group? (2) (other English sources and 'no' in group (2)	
3 'about what you did during the holiday (2) (2)'	
4 TT: '.....'	
5 TT: '.....'	
6 TT: '.....'	
7 TT: '.....'	
8 TT: '.....'	
9 TT: '.....'	
10 TT: '.....'	
11 TT: '.....'	
12 TT: '.....'	
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14 TT: '.....'	
15 TT: '.....'	
16 TT: '.....'	
17 TT: '.....'	
18 TT: '.....'	
19 TT: '.....'	
20 TT: '.....'	
21 TT: '.....'	
22 TT: '.....'	
23 TT: '.....'	

Functions	
1 Opening frame marker	12 'No' marker
2 'Right'	13 A response from conveying agreement and
3 Checking understanding / reflecting agreement	recognition 'Right?'
4 'Right' marker and emphasis	14 'Right' marker longer
5 'Right'	15 'Right' marker as a check-point device (feedback)
6 'Right'	16 and continued agreement
7 Checking understanding / reflecting agreement	17 'Right' marker
8 'Right' marker and emphasis	18 'Right' marker
9 'Right' marker and emphasis	19 'Right' marker
10 'Right' marker and emphasis	20 'Right' marker
11 'Right' marker and emphasis	21 'Right' marker
12 'Right' marker and emphasis	22 'Right' marker
13 'Right' marker and emphasis	23 'Right' marker
14 'Right' marker and emphasis	24 'Right' marker
15 'Right' marker and emphasis	25 'Right' marker
16 'Right' marker and emphasis	26 'Right' marker
17 'Right' marker and emphasis	27 'Right' marker
18 'Right' marker and emphasis	28 'Right' marker
19 'Right' marker and emphasis	29 'Right' marker
20 'Right' marker and emphasis	30 'Right' marker
21 'Right' marker and emphasis	31 'Right' marker
22 'Right' marker and emphasis	32 'Right' marker
23 'Right' marker and emphasis	33 'Right' marker
24 'Right' marker and emphasis	34 'Right' marker
25 'Right' marker and emphasis	35 'Right' marker
26 'Right' marker and emphasis	36 'Right' marker

Description: -

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Effects of differences in timbre on sequential grouping

. Complex noise patterns tend to activate a wide range of channels which require an integration mechanism such as temporal coherence to interpret the across-channel consistency and phase relationships.

Differences between chimpanzees and humans in visual temporal integration

Journal of the Association for Research in Otolaryngology. On the other hand, what we do hear and understand the first time we encounter a new musical culture is most likely not what a native of that culture experiences. Global and local processing in humans Homo sapiens and chimpanzees Pan troglodytes : use of a visual search task with com- pound stimuli.

Effects of differences in the pattern of amplitude envelopes across harmonics on auditory stream segregation

However, 4-month-old infants are able to discriminate two different FM sweeps, and they are more sensitive to FM cues swept from 150 Hz to 550 Hz than at lower frequencies. Next, we explore stream segregation using complex tones. The filtering into channels can affect the TFS p of sounds depending on characteristics such as the phase response and group delay of the filters.

Pairing flavours and the temporal order of tasting

Funding: This research was supported by National Institutes of Health grants R01HL133043 and U01AG058532 and Office of Naval Research grants N000141612045 and N000141712736. The next layer in the hierarchy focuses on a fusion operation to facilitate the grouping of perceptually-coherent objects.

Temporal Structure in Audiovisual Sensory Selection

Specifically, in both crossmodal and intramodal conditions, subjects were instructed to compare 2 perceptually different stimuli. The Journal of the Acoustical Society of America.

Author summary

Acoustic features distinguishing speech phonemes can include any of these phenomena alone or in combination with other elements. TFS AF: this test assesses the highest audio frequency of a pure tone up to which a change in interaural phase can be discriminated.

What Is Auditory Processing Disorder?

The typed string was visible at all times, but the subject was instructed not to change a letter that had been typed except in the event of an accidental key press. All of this acoustic information is typically presented within a few tens of milliseconds, necessitating continuous, rapid analysis not only of individual acoustic events but also of sequential or simultaneous combinations of events.

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