

API ANALYSIS RESULT INTERPRETATION – API V5

JSON Object	Field Description	Version Support Notes
{		
"status": "success",	The status of request. Can be "success" or "error".	
"result": {	The object of analysis results.	
"duration": "11155.13",	Duration of voice data processed in milliseconds	
"sessionStatus": "Processing",	Session status can be: "Started" – no analysis data yet produced, "Processing" – intermediate results, more analysis can be expected, "Done" – analysis session has ended, the result has an analysis results for whole session.	
"analysisSegments": [The array containing analysis segments	
{	First analysis segment object. Following fields are properties of the segment	
"offset": 0,	Offset of the segment in milliseconds from the beginning of the session.	
"duration": 10000,	Segment duration in milliseconds	
"end": 10000,	The end of the segment in milliseconds	V4 and above
"analysis": {	Analysis object. Contains analysis values for the segment. The content of the object is provided as example. The real fields can vary depending on license type	
"Temper": {	Temper object	
"Value": "21.00",	Value of Temper	

"Group": "low",	Group of Temper	**"ambiguous " value: V4 and above **"unanalyzable" value: V4 and above
"Score": "92.00"	Confidence score of Temper (92% fit to the result Temper)	V4 and above
},		
"Valence": {	Valence object.	
"Value": "23.00",	Value of Valence	
"Group": "negative",	Group of Valence	**"ambiguous " value: V4 and above **"unanalyzable" value: V4 and above
"Score": "94.00"	Confidence score of Valence (94 % fit to the result Valence)	V4 and above
},		
"Arousal": {	Arousal object	
"Value": "24.00",	Value of Arousal	
" Group ": "low",	Group of Arousal	**"ambiguous " value: V4 and above **"unanalyzable" value: V4 and above
"Score": "80.00"	Confidence score of Arousal (80% fit to the result Arousal)	V4 and above
},		
"Emotion_group": {	Emotion group object	
" Group ":"Sadness/Uncertainty/Boredom"	Category of Emotion group	***"inexplicit emotion" value: V5 and above
"Confidence_Score": "91.00"	Confidence score of Emotion Group (91% fit to the result Emotion Group)	V5 and above
"Vad": {	Voice activity detection	
"Voiced": "62.00"	Represents percent ratio of voice activity in the analyzed time window	
}		
}		

}		
{	Following analysis segment objects	
.....	...	
},		
],		
"analysisSummary": {	The object of analysis summary	
"AnalysisResult": {	The object of analysis summary results	
"Temper": {	Temper Summary Object	
"Mean": "8.00",	Mean of Temper Values	
"Mode": "low",	Most frequent Temper Group	
"ModePct": "100.00"	The Percentage of the most frequent Temper group of previously analyzed segments	
},		
"Valence": {	Valence Summary Object	
"Mean": "2.80",	Mean of Valence Values	
"Mode": "negative",	Most frequent Valence Group	
"ModePct": "100.00"	The Percentage of the most frequent Valence group of previously analyzed segments	
},		
"Arousal": {	Arousal Summary Object	
"Mean": "9.00",	Mean of Arousal Values	
"Mode": "low",	Most frequent Arousal Group	
"ModePct": "100.00"	The Percentage of the most frequent Arousal group of previously analyzed segments	
},		
"Emotion_group": {	Emotion Group Summary Object	V5 and above
"Mode": " Sadness/Uncertainty/Boredom",	Most frequent Emotion Group	V5 and above
"ModePct": "100.00"	The Percentage of the most frequent Emotion group of previously analyzed segments	V5 and above
}		
}		

}		
}		
}		

*Ambiguous value – is displayed when the confidence score is too low

**Unanalyzable value – is displayed when the segment cannot be explained or interpreted through methodical examination. Possible reasons:

- Segment that is composed of mostly silence, when the Voice Activity Detection (VAD) parameter is less than 15%.
- Bad quality of recording - presence of very high background noise in the segment.
- Speech/voice in the segment does not sufficiently adhere to the acoustic model, and as a result is not analyzed.

***Inexplicit value – is displayed when Temper or Valence have "ambiguous" value.