

# Contents

<b>Editorial note</b>	<b>9</b>
<b>Introduction</b>	<b>11</b>
<b>1. Quantitative linguistics</b>	<b>15</b>
1.1 Introduction	15
1.2 Menzerath–Altmann Law	16
<b>2. Methodology</b>	<b>20</b>
2.1 Determination of the criteria for the choice of the sample texts and their explanation	20
2.2 The choice of the sample texts	27
2.3 Determination and definition of the language units and language levels	28
2.4 Segmentation and quantification of the sample texts	42
2.5 Testing the model reliability by means of statistical methods	47
2.6 Interpretation of the the acquired data	48
<b>3. The application of the Menzerath–Altmann law to the scientific text</b>	<b>49</b>
3.1 Determination of the criteria for the choice of the sample text and their explanation	49
3.2 The choice of the sample text	50
3.3 Determination and definition of the language units and language levels	51

3.4 Segmentation and quantification of the sample text	52
3.5 Testing the model reliability by means of statistical methods	57
3.6 Interpretation of the acquired data	58
3.6.1 Language level L4	58
3.6.2 Language level L3	67
3.6.3 Language level L2	75
3.6.4 Language level L1	80
3.6.5 Conclusion	88

<b>4. The application of the Menzerath–Altmann law to the blog article</b>	<b>91</b>
4.1 Determination of the criteria for the choice of the sample text and their explanation	91
4.2 The choice of the sample text	92
4.3 Determination and definition of the language units and language levels	97
4.4 Segmentation and quantification of the sample text	98
4.5 Testing the model reliability by means of statistical methods	99
4.6 Interpretation of the the acquired data	99
4.6.1 Language level L4	99
4.6.2 Language level L3	104
4.6.3 Language level L2	119
4.6.4 Language level L1	124
4.6.5 Conclusion	129

<b>5. Comparison of the sample texts</b>	<b>133</b>
5.1 Comparison of the sample texts on language level L4	134
5.2 Comparison of the sample texts on language level L3	137
5.3 Comparison of the sample texts on language level L2	141
5.4 Comparison of the sample texts on language level L1	144
<b>Bibliographical references</b>	<b>155</b>
Monographies	155
Articles	157
Internet articles	158
Websites	159
Norm	164
Software	164
<b>Appendix</b>	<b>165</b>
Appendix 1: The scientific article – Sample A	165
Appendix 2: The blog article – Sample B	177
Appendix 3: The blog article – Sample C	181
Appendix 4: Tables containing the data empirically obtained from quantification of the newspaper article and the short story	192
<b>Index</b>	<b>197</b>