ETIQUETAS DE SEGMENTAÇÃO:

UMA PROPOSTA PARA ANÁLISE DA SEGMENTAÇÃO EM LEGENDAS INTRALINGUÍSTICAS DE FILMES BRASILEIROS

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Introduction

- This work is in the field of Corpus Based Translation Studies (Baker: 1996 and Audiovisual Translation (AVT), more specifically in the studies of subtitling.
- It aims at presenting a proposal of personalized tags to be used in the analysis of segmentation in intralingual subtitles.



Segmentation in subtitling

- Segmentation is a subtitling parameter related to the subdivision of the subtitles and the distribution of the text within subtitles (line break) and across subtitles. It can occur
 - visually (on the basis of shot cuts)
 - rhetorically (on the basis of speech rhythms)
 - linguistically (on the basis of semantic units)



Previous studies suggest that any segmentation problem forces the viewers to decode the subtitle text, and thus they may get tired more quickly and lose the pleasure afforded by audiovisual product.



Rhetorical segmentation problems

- The information is antecipated or delayed in the subtitles, or do not follow the speech, including hesitations, pauses and features of oral speech.
- "The way subtitles are segmented and distributed must reflect some of the dialogues dynamics. Good rhetorical segmentation helps convey surprise, suspense, irony, hesitation, etc." (Cintas and Remael (2007, p. 179)



Linguistic segmentation problems

The constituents (phrases and clauses) are broken inside.

Karamitroglou (1998) states that subtitled text should appear segmented at the **highest syntactic nodes** possible. This means that each subtitle flash should ideally contain one complete sentence.



- From the Karamitroglou proposal (1998), Perego (2008) analyses cases of poor segmentation in a corpus of varied subtitles, then defines the following categories according to each kind of problem.
 - Breaking of Noun Phrase
 - Breaking of Prepositional Phrase
 - Breaking of Verb Phrase
 - Breaking of Coordinated and Subordinated clauses.



- Based on the categories proposed by Perego (2008), it was possible to define personalized tags to the investigation of segmentation for Brazilian Portuguese subtitles.
 - ▶ 4 tags indicating segmentation problems.
 - ▶ 19 tags to analyse segmentation problems

Defining Tags

- In order to find out segmentation problems in the subtitling an investigation was carried out to determine the nature of these problems.
- Each segmentation problem was annotated manually, then defined as a segmentation tag.

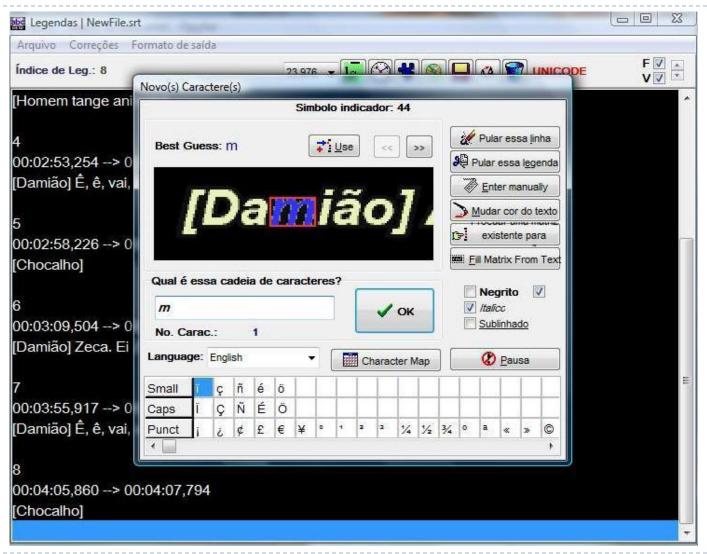


Materials and Methods

- Corpus
 - ▶ 1132 subtitles of the Brazilian film Nosso Lar (2010)
- Subtitle extractor
 - SubRip (.srt)
- Manual Tagger
 - Windows Notepad (.txt)
- Analysis
 - WordSmith Tools 5.0
 - Concord



SubRip Interface



Subtitle file (.srt)

```
LSE nosso lar - Bloco de notas
Arquivo Editar Formatar Exibir Ajuda
00:01:13,706 --> 00:01:21,112
[ Música suave ]
00:02:20,907 --> 00:02:24,206
[ Som de trovão ]
00:02:46,766 --> 00:02:49,530
[ Gritos ]
00:02:53,673 --> 00:02:56,437
[ Homem ]
Foi como acordar de um longo sonho.
00:02:59,012 --> 00:03:02,607
E logo descobri que não pertencia
mais ao mundo dos vivos.
00:03:09,822 --> 00:03:12,347
Me deparei
com uma surpreendente verdade..
00:03:13,993 --> 00:03:17,485
a vida é fonte eterna.
que passa por diversas etapas.
```

Unannotated X Annotated subtitles

UNANNOTATED SUBTITLES	ANNOTATED SUBTITLES
179	<sub179><2L>179</sub179>
00:26:01,560> 00:26:05,052	<t>00:26:01,560> 00:26:05,052</t>
Logo eu! Logo eu que nem	<pre><cpl24>Logo eu ! Logo eu que nem<prosegg><sv negação+verbo=""></sv></prosegg></cpl24></pre>
acreditava em vida após a morte!	<cp124>Logo et l' Logo et que <u>nem</u> <cp132>acreditava em vida após a morte!</cp132></cp124>
	<pre><velocidade 3,5="" 56c="" da="" legenda_alta=""></velocidade></pre>

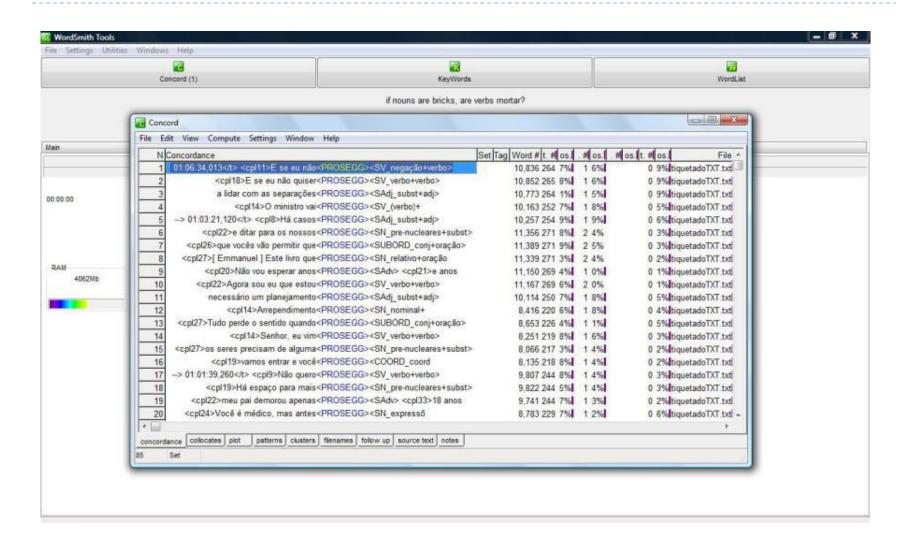
196	<sub196><2L>196</sub196>
00:26:49,441> 00:26:53,309	<t>00:26:49,441> 00:26:53,309</t>
Todo o ceticismo termina quando	<cp131>Todo o ceticismo termina <u>quando</u><prosegg><<u>SUBORD_conj</u>+oração></prosegg></cp131>
se acorda no mundo espiritual.	<cp130>se acorda no mundo espiritual.</cp130>
	<velocidade 3,8="" 61c="" alta="" da="" legenda=""></velocidade>
197	<sub197><2L>197</sub197>
00:26:54,646> 00:26:57,740	<t>00:26:54,646> 00:26:57,740</t>
O amigo parece ter	<pre><cpl18>O amigo parece ter<prosegg><sv_verbo+verbo></sv_verbo+verbo></prosegg></cpl18></pre>
compreendido o sentido da água,	<cpl31>compreendido o sentido da água,</cpl31>
ourproduction of the agent,	<velocidade 3,1s="" 49c="" alta="" da="" legenda=""></velocidade>
201	<sub201>>2L>201</sub201>
00:27:05,190> 00:27:09,126	<t>00:27:05,190> 00:27:09,126</t>
Lísias, eu não vou parar enquanto	<cp133>Lísias, eu não vou parar enquanto<prosegg><subord conj+oração=""></subord></prosegg></cp133>
não souber o que está acontecendo.	<cpl34>não souber o que está acontecendo.</cpl34>
	<velocidade 4s="" 67c="" alta="" da="" legenda=""></velocidade>
523	<sub523><2L>523</sub523>
00:47:19,870> 00:47:22,065	<t>00:47:19,870> 00:47:22,065</t>
O que sabe sobre	<cpl16>O que sabe sobre<prosegg><sp_prep+subst></sp_prep+subst></prosegg></cpl16>
a medicina espiritual?	<pre><cpl22>a medicina espiritual?</cpl22></pre>
	<velocidade 2,2s="" 38c="" alta="" da="" legenda=""></velocidade>
805	<sub805><2L>805</sub805>
01:09:49,285> 01:09:51,845	<t>01:09:49,285> 01:09:51,845</t>
Não vou esperar anos	<cpl20>Não vou esperar anos<prosegg><sadv></sadv></prosegg></cpl20>
e anos para retornar.	<cp121>e anos para retomar.</cp121>
1000	<velocidade 2,5s="" 41c="" alta="" da="" legenda=""></velocidade>



Segmentation Tags

ETIQUETA	A INDICATIVA DE PROBLEMA DE SEGMENTAÇÃO LINGUÍSTICA (Gramatical)		
<prosego< td=""><td>G></td></prosego<>	G>		
ETIQUETAS INDICATIVA DE PROBLEMA DE SEGMENTAÇÃO RETÓRICA			
<prosegr_antecipouinformação></prosegr_antecipouinformação>			
<prosege< td=""><td>R_atrasouinformação></td></prosege<>	R_atrasouinformação>		
ETIQUETA INDICATIVA DE PROBLEMA DE SEGMENTAÇÃO VISUAL			
<prosegv< td=""><td>V_vazou></td></prosegv<>	V_vazou>		
ETIQUETA	AS DE ANÁLISE DE SINTAGMA NOMINAL (SN)		
VVVVVAAA	ucleares+subst>		
<sn_nomin< td=""><td>nal+modif/modif+nominal></td></sn_nomin<>	nal+modif/modif+nominal>		
<sn_superl< td=""><td>***************************************</td></sn_superl<>	***************************************		
***************************************	vo+oração incompleta>		
< <u>SN_nome</u>			
000000000000000000000000000000000000000	+nome próprio>		
<sn_colocações conv="" idiom=""></sn_colocações>			
	AS DE ANÁLISE DE SINTAGMA PREPOSICIONADO (SP)		
<sp_prep+s< td=""><td>***************************************</td></sp_prep+s<>	***************************************		
	AS DE ANÁLISE DE SINTAGMA VERBAL (SV)		
<sv_verbo< td=""><td></td></sv_verbo<>			
<sv_verbo< td=""><td>- Your - Your -</td></sv_verbo<>	- Your -		
<sv_coloca< td=""><td>**************************************</td></sv_coloca<>	**************************************		
<sv_negaç< td=""><td>YYYYY YUU ZEELEE</td></sv_negaç<>	YYYYY YUU ZEELEE		
	o)+oblíquo+verbo>		
the state of the s	AS DE ANÁLISE DE SINTAGMA ADVERBIAL (SAdv)		
<sadv></sadv>			
And the second s	AS DE ANÁLISE DE SINTAGMA ADJETIVO (SAdj)		
<sadj_subs< td=""><td></td></sadj_subs<>			
ETIQUETAS DE ANÁLISE DE ORAÇÃO COORDENADA (COORD)			
**************************************	coordenador+oração>		
<coord_1< td=""><td>***************************************</td></coord_1<>	***************************************		
ETIQUETAS DE ANÁLISE DE ORAÇÃO SUBORDINADA (SUBORD)			
<subord conj+oração=""></subord>			
<subord< td=""><td colspan="3"><subord_se></subord_se></td></subord<>	<subord_se></subord_se>		

WordSmith Tools - Concordance lines



<SV_verbo+verbo>



O amigo parece ter/compreendido o sentido da água,



<SV_negação+verbo>



Logo eu! Logo eu que nem/acreditava em vida após a morte



<SP_prep+subst>



O que sabe sobre/a medicina espiritual?



<SAdv>



Não vou esperar <u>anos/e anos</u> para retornar.



<SUBORD_conj+oração>



Todo o ceticismo termina quando/se acorda no mundo espiritual.



<SUBORD_conj+oração>



Lísias, eu não vou parar enquanto/não souber o que está acontecendo.

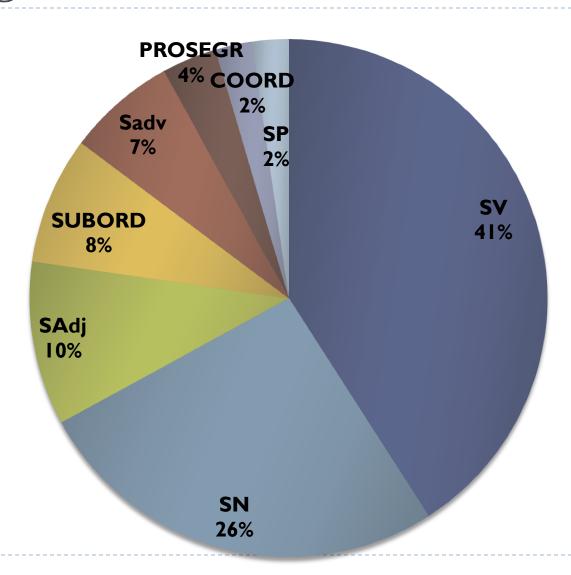


Findings

Linguistic segmentation problems occurred in the levels of noun, verb, prepositional, adjective and adverbial phrases, and in the level of coordinated and subordinated clauses whenever there is a break in the internal structure of this linguistic constituents



Findings



Our emails and blogs

verainnerlight@uol.com.br elidagama@hotmail.com

www.leaduece.blogspot.com www.atavbrasil.blogspot.com

