Input: L SegmentId Segment Segment Transcript	Segment Characterisation Algorithm	Data: List of video segments L which is the output of Algorithm 1 and domain taxonomy topics $= \{T_1,, T_n\}$ where each T_i is a set of concents (classes or individuals).
Start Time End Time	Input: L= List of Video Segments, length(LVS)=7	Output: LCh Result: List of Characterised Video at mixintans) supports LCh . 1/4 LCh and LCh are the first state of the state o
mWo-G3UQ-zU1 0 0.19 My dad was always the rock of the family. So ceeing him struggle to breath, it was really hearth reaking. My dad was always so strong and independent. He fished with us, played tensits with us. the was always yeary active. A few years ago, we started to notice a change in my dad.	0 mWo-G3UQ:U1 0 0.19 [My dad was always the rock of the family, So seeing him struggle to breather, it was really heart-breaking. My dad was always or storage and independent. Relinded with us, played tennis with us. He was always very active. A few years ago, we started to notice a change in my dad.]	3 /* Loop through all video segments. Each segment will have two
mWo-G3UQ-2U2 0.23 0.42 He started to have less energy. He would lose his branth all title more easily, He was on the couch. He had the wogen mask. He wasn't able to do those things. It really was a shock to us. My dad was going downhill very quickly, and we knew something had to be done. He was in and out of local hospitals a couple of times.	1 mWo-G3UQ-xU2 0.23 0.42 [He started to have less energy, He would lose his breath a little more easily. He was on the cound. He had the oxygen mask. He wasn't able to do those things. It really was a shock to us. My dad was going downhill very quickly, and we knew something had to be done. He was in and out of local hospitals a couple of times.]	Semantic Tagging and the Topic Classifier steps of VISC.L.*/ i $i = i + 1$: 13 Return LCh swellie $i < length(L)$ do semantic Tagging Step j VISC-L to get the first characterisation of a widoo segment—list of Focus Topics (FT) and Focus Concepts $\{FC^{(1)}\}$) and Focus Concepts of VISC-L to get the second characterisation—list of Focus Topics (FT) and Focus Concepts of VISC-L to get the second characterisation—list of Focus Topics (FT) and Focus Topics (FT) are existent to the segment after implementing the structed from the Semantic Tagging output (first segment characterisation) which are belong to the Focus Topics (FT) are existent to the segment after implementing the characterisation) which are belong to the Focus Topics (FT) are existent to the segment after implementing the sense of the sense of the segment after implementing the sense of the
mWo-G3UQ-zU3 0.45 1 Nobody was really able to accurately diagnose him. I think that was probably the scariest thing is not knowing what it was. We didn't know what was going to happen. Was he going to be OSP Was he going to he William of the work	2 mWo-G3UQ:xU3 0.45 1 [Nobody was really able to accurately diagnose him. I think that was 5 ft start was 6 ft	while
	i < length(LVS)	lan con control region ()

PRINCIPAL TO A PART OF THE PAR							
A Company of the Comp	mWo-G3UQ-zU4 1.03 1.28		3 mW	o-G3UQ-zU4 1.03 1.28			
The state of the control through the control t						fs', `PhysicalHealth'] fs']	always the rock of the family. So seeing nim
March of the Control of the Contro						」	(EC1) 4
Page 100					doctors to the testing that was done		- Topic Classifier Output = L , FT * Implement the Topic classifier
Marked 14 14 15 16 16 16 16 16 16 16							
PARAGONIA 132 TAP TOTAL PROTECTION OF THE PARAGONIA STATE OF THE PAR			- €		best care he could. So I think at	t	
### Company of the Co					Temple Lung Center they just tend to	Ť	in my dad. J. [Social Relationship], Figure Tonic (s) assigned to the segment after implementing the
AMOUNT IN THE CONTROL AND THE					see more cases like his.]		['family', 'dad'], [[mWo-G3UQ-zU2, 0:23, Semantic Tagging and the Topic Classifier steps of VISC-L */
### OF THE PROPERTY OF THE PRO		cases like his.				_	s $-if$ $FT[i] \neq 0$ then
The second control of the control of							Donappend([D[i], 1 1 [i], 1 C [i]]) /* The Focus Concepts FC are
### 1990 18 18 19 19 19 19 19 19							
Proceedings 1.5 1.5							
Miles 150 15							downhill very quickly, and we knew 11 $ LCh.append([L[i], [], []]) /* No Focus Topics and Focus Concepts$
Tree control (1 feet) Tree							something had to be done. He was in and out are assigned to the segment when there is no matching between the
### CALLON ON THE PROPERTY OF							
### CERCAGO 120 127 Trage for two lifes in two controls of the control of the con							[Social medicurising), [dod]), [inwo-osouch Semantic Tagging and the Topic Classifier steps of VISC-L*]
### Procedure of the control of the							
APPLICATION 13 13 Neglicate street Application 13 Neglicate street Neglication 13 Neglicate street Neglic							
### 155.02 13 13 Tay Tay I for a work in the control of the contro							what it was. We didn't know what was going
### PATE OF THE PA							
mescalinguid 130 https://www.mis.chem.com.com.com.com.com.com.com.com.com.co							
### BILLION CONTROL TO THE PROPERTY OF THE PRO							
THE ORDINGS 130 23 THE PROPERTY OF THE PROPERT							
### OFFICE ADDRESS AND ADDRESS							up (····
137 Tags that are with its error we like throw the control of the			4		i < lenath(I VS)		\bullet while $i < length(L)$ do
to deep come to be serviced the serviced in the serviced between the serviced the serviced in the servi	mWo-G3UQ-zU5 1.33 1.53	Things that are a little bit more	4 mW	o-G3UQ-zU5 1.33 1.53		[Physical Health] [1	[mWo-G3UQ:zU1, 0.00, 0.19, [My dad was \bullet \bullet Semantic Tagging Output=[L[i], $FT^1[i]$, $FC^1[i]$] /* Implement the
interesting the size and agrees of the control of t				1	So they seem to have more	1	always the rock of the family. So seeing nim
substanting abust as game as the control of the state of the control of the contr					knowledge. Just right off the bat they	J +	struggle to breathe, it was really heart-
with a billion for the contraction of the contracti							breaking, my dad was always 30 Strong and
with space to the five the property design of the first to the space of the first to the first t			t			t	step of VISC I to get the second characterisation-list of Focus
International to be there, be only included to the first and the process of the p						Y	
Sometime for the state of the first of the state of the first of the state of the first of the f							Fri = intersection Fri
Subject the first		could treat him, and I felt like they			and I felt like they found the right mix		['family','dad'], [[mWo-G3UQ-2U2, 0.23,
metadors, partnersy discappe, origin. The control of the control						_	0.42, the started to have less energy. He \Rightarrow if $FT(i) \neq 0$ then
South Section for the service and the section of th							9 LCn.append([L[1], FI[1], FC[1]) /* The Focus Concepts FC are
was a doct to set, My det are garmy and the first of the set of th					therapy, oxygen.]		
the standard way analy, and was from a consequent plus to dead the standard plus of the stand		охуден.					cnaracterisation) which are belong to the Focus Topic F I [i] */
and the property and the doctors was an an additional phase of the following through the property of the following through the follo							
of local particles are supported from the Topics causing for the support of the Topic Causing and the Topic Ca							
Secondary Complete							of local hospitals a couple of times.], Focus Topics assigned to the segments after implementing the
accounted dispose in the line who was a great the great to the great the great to the great the great to the great the great that the great the gr							['SocialRelationship'], ['dad']], [mWo-G3UQ- Semantic Tagging and the Topic Classifier steps of VISC-L */
probably the same time in not brownly as the part would get be a first of the part of the							zU3, 0.45, 1.00, [Nobody was really able to i
which fave, We follow those with easy may be come that for the more thanks and the search of the search of the more thanks and the search of the search of the search of the more thanks and the search of the more thanks and the search of the search							
The control of the co							probably the scanest thing is not knowing
mWo-GIUQ-UB 1.58 2.22 And they raily know what would get with many form of the second control of the second co							
recommended the Temple Laury Centrol, Jul.							
mWoGIUC206 1.58 2.22 And they really knew what would get from back to where he was. It completes the back to whome he was. It th							
**Nov-G3UQ-216 1.58 2.22 And they really knew whith would get firm back to where he was: I love watching my lide with cardia and severy them play the with the action where he was: I love watching my lide with cardia and severy them play the with the action of several flowers great and now forcing that hell be around to see all those special moments that are stills to come in their life is just annualing in memorate their ear-sills come in the life is just annualing in memorate the search whose in the life is just annualing in memorate the search whose in the life is just annualing in the search whose in the life is just annualing in the search whose in the life is just annualing in the search of the life is just annualing in the search whose in the life is just annualing in the search whose in the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annualing in gradual to length the life is just annual to length the life is just annual to length the length the length the length to length the							
mWo-G3UQ-U6 1.58 2.22 And they really knew what would get plan bad to where he was a few to who where he was a few to where he is today. 5 mWo-G3UQ-U6 1.58 2.22 [And they really knew what would get him bad to where he was a few to who which was a few to where he is to where he was a few to who which was a few to where he is to who was a few to where he is to where							[]], [mWo-G3UQ-zU4, 1.03, 1.28, [And that
and they really knew what would get with back to where he was a few to where he is today. The was a few to where we was a few to where he is today. The was a few to where we want to where we was a few to where we was a			5				
Semantic Togging step of VISCL to get the first characterisation of a lower between the survey district completed in the strong of the between the survey districts and the survey of the between the survey of the							I was a second of the second o
watching my kids with Grandpa and seeing them play with him and interact with him. And now knowing that he tilb a round to see all those special moments that are still to come in their life by an anxing. In some that the seed in the special moments that are still to come in their life by an anxing. In some life of the special moments that are still to come in their life by an anxing. In some life of the special moments that are still to come in their life by an anxing. In some life of the special moments that are still to come in their life by an anxing. In some life of the special moments that are still to come in their life by an anxing. In some life of the special moments that are still to come in their life by an anxing. In some life of the special life by an anxing. In some life of the special life by an anxing. In some life of the special life by an anxing. In some life of the special life by an anxing. In some life of the special life by an anxing. In some life of the special life by an anxing. In some life of the special life. It is a special life by an anxing. In some life of the special life. It is a special life. It	mWo-G3UQ-zU6 1.58 2.22		5 mW	o-G3UQ-zU6 1.58 2.22			adestribere (inwo-d30Q201, 0.00, 0.15, (wy dad was
Grandpa and seeing them play with film and direct with man distingent with film. And now knowing that he'll be alrowed to see all those special with many the was always very active. A few years agrow extrained from the second characterisation—list of Feesing Part of VISCL 2 (Cassifier to agree the second characterisation—list of Feesing Part of VISCL 2 (Cassifier to agree the second characterisation—list of Feesing Part of VISCL 2 (Cassifier to agree the second characterisation—list of Feesing Part of VISCL 2 (Cassifier to agree the second characterisation—list of Feesing Part of VISCL 2 (Cassifier to agree the second characterisation—list of Feesing Part of VISCL 2 (Cassifier to agree the second characterisation—list of Feesing Part of VISCL 2 (Cassifier to agree the second characterisation list of the same feesing Part of VISCL 2 (Cassifier to agree the second characterisation list of the same feesing Part of VISCL 2 (Cassifier to agree the second characterisation list of the same feesing Part of VISCL 2 (Cassifier to agree the second characterisation list of the same feesing Part of VISCL 2 (Cassifier to agree the second characterisation list of the same feesing Part of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree the second characterisation of VISCL 2 (Cassifier to agree						is , socialiterationship j is , socialite	aways the rock of the lamin, so seeing nim a video segment—list of Focus Topics (FT^1) and Focus Concepts
with him. And now knowing that he'll be around to see all those special moments that are still come in their life is just amazing. I'm grateful to Temple because without Femple Becaus		Grandpa and seeing them play			seeing them play with him and interact		(FC*)*/
And now whowing that he is the second to see all notes equally an experiment of the second to see all notes equal in moments that are still to come in their life is just amorting. First partle for their manager, first greated to the second their still to come in the life is just amorting. First partle for their my dad would be where he is today. Topics (F(T^2)) * Topics (F(T^2)) * Topics (F(T^2)) * F(T) is the list of the same Focus Topics (a sassyine to the segment after implementing the Second the had no expendent to the segment after implementing the Second the had no expendent to the segment after implementing the Second the had no expendent to the segment after implementing the Second the had no expendent to the segment after implementing the Second to so, My dad was going to too. In My dad was going to the segment when there is no matching between the Focus Topics assigned to the segment after implementing the Second to the segment when there is no matching between the Focus Topics assigned to the segment to the segment when there is no matching between the Focus Topics assigned to the segment when there is no matching between the Focus Topics assigned to the segment to the		with him and interact with him.	t t		with him. And now knowing that he'll	+ 1	independent. He fished with us, played Topic Classifier Output = [L[i], FT ⁻ [i]] * Implement the Topic classifier and t
in moments that are still to come in their life is just amazing. The gradual to their life is just amazing. The gradual to the make the stoday. It is the list of the same from their life is just amazing. The gradual to the make the without Temple Lecture without Temple Lecture without Temple Locat think my dad would be where he is today.] **Fi'[i] = intersection (FT'[i], FT'[i]) /*FT is the list of the same from from the same from							tennis with us. He was always very active. A Tomice (ET2) w/
moments that are still to cone in the life just amazing. I'm grateful to temple secure without Temple because without Temple because without Temple because without Temple leads would be where he is today. The property of						1	tew years ago, we started to notice a change $\tau \mapsto FT[i] = \text{intersection}(FT^1[i], FT^2[i]) / *FT is the list of the same$
grateful to Temple Because without Temple Leosure without Temple Leosure without Temple Leonary Leonard State on Develope Loops and the Loops and Loops an							in my dad.], [SocialRelationship], Focus Tonic(s) assigned to the segment after implementing the
without Temple I don't think my dad would be where he is today.] was on the count, he had the owagem mask. He wasn't able to do those things. It really was a shock to us. My dad was gind of the Good with the first of the done. He was in and out of local hospitals a couple of times.] [SocialRelationship, [J.ddf]], [Min-G-3UQ-11], [J.ddf], [Min-G-3UQ-11], [Min-G-3UQ-11], [Min-G-3UQ-11], [Min-G-3UQ-11], [Min-G-3UQ-11],							Semantic Tagging and the Topic Classifier steps of VISC-L*/
was on the due to due to the had the oxygen mask. He wan't able to due to those things. It really was a shock to us. My dad was going downfull very quickly, and we knew to something had to be done. He was in and out of local hospita to eleve for inte.], [SocialRelationship.], [Ident], [International than the segment when there is no matching between the Focus Topics assigned to the segments and the Focus Topics assigned to the segments and the Topic Classifier steps of VISC-L */ i = i + 1; Return LCh Re							s rip + 1 then
he wasn't able to do those things. It really was a shock to us. My dad was going to downfill very quickly, and we knew something had to be done. He wasn in about to of local hospita's a couple of times.]. ["Socialitelationship, ["Idet]], [Imvo-G3UC-1U, 3, 6.45, 1.00, [Nobody was restly thing is not knowing what it was. We divide the same than the washing of the same than the washing to the same than the washing to happen. Was he going to make 10^{10} ke here we needed a place that had more experience. So they recommended the remple tung Central, $1, 1, 1, 1, 2, 2, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,$					**	-	y Deniappend([E[i], F1 [i], FC [i]) /* The Focus Concepts FC are
was abock to us. My did was going to downlil usery quickly, and we knew something had to be done. He was in and out of local hospitals a couple of times.] SocialRelationship: [day1], [mWo-G3UQ, 2UJ, 10,51,00], [Mobody was really algorse him. I think that was probably the scriest thing is not knowing what it was. We didn't know what was going to be Not seed to a place that had nore experience. So they recommended the Temple Lung Center.], [] [] [] [mWo-G3UQ-2UJ, 1.03, 1.28, [And that							He wasn't able to do those things. It really characterisation) which are belong to the Focus Tonic FT[i] */
something has to be does here with a sign and out of local hospita as in and out of local hospita as ("Incal							was a shock to us. My dad was going 10 else
of local hospitals a couple of times.]. [SocialBedistonship. [f.det]], [mov-G3UQ-12U, 30, 45, 100, [Nebody was really able to accurately diagnose him. Ithin that was probably the scaries thing is not incovide what it was. We didn't know what was going to happen. Was he going to the OK Was he going to make it? We knew we needed a place that had more experience. So they recommended the Temple Lung Center.]. [I], [mWo-G3UQ-12U, 1.03, 1.28, [And that							
[SocialRelationship], [Todel]], Introduction was related to accurately discovered by the same things from through year series things from through the same through through the same through throu							
213, 0.4, 1.00, [Nobody was related that all the same accurately diagnose in the startest thing is not knowing as probably the startest thing is not knowing what it was. We disting using using the property was the going to happen. Was the going to the OVE Was the going to make it? We knew we needed a place that had more seeded a place that had more seeded on the property of the							
accurately diagnose him. Ithink that was probably the scrients thing is not knowled with given the control of t							203, 0.45, 1.00, [Nobody was really able to 12]
probably the scariest this is clearable (1). If the common was a second of							accurately diagnose him. I think that was
to happen. Was he going to Make (CR) Was he going to make (IV we knew we needed a pince that had more experience. So they recommended the Temple Lung Center. J. J. []], [mWo-G3UQ.2U.4.1.03, 1.28, [And that							probably the scarlest thing is not knowing 13 Return LCR
going to make IR We knew we needed a place that had more experience. So they recommended the Temple Lung Center, I, II, [I], ImWo-G3UQ-stu4, 1.03, 1.28, [And that							
place that had more experience. So they recommended the Temple Lung Center., [], []], [mWo-G3UQ-2U4, 1.03, 1.28, [And that							
recommended the Temple Lung Center, I, [], []], [mWo-GSUQ-:U4, 1.03, 1.28, [And that							
[]], [mWo-G3UQ-2L4, 1.03, 1.28, [And that							
6 $i < length(LVS)$ $\longrightarrow i$ while $i < length(L)$ do							
$i < length(LVS)$ $\Rightarrow i \text{ while } i < length(L) \text{ do}$			6				
The state of the policy of the control of the contr					i < length(LVS)		\rightarrow while $i < length(L)$ do
							The state of the s