

## SUBJECTIVE QUESTIONS FOR: FIRST WATCH (1) AND REWATCH (2) EXPERIENCE

5pt-Likert scale (1 disagree-5agree)

**Condition C1: Augmented Transcript and Concept Graph toggled off, i.e., YouTube-like video player**

1. First watch scenario	AVG	Dev ST
Q-C1(1).1 I would benefit from a system that would let me view an interactive transcript of the video while watching	4	1.21
Q-C1(1).2 I would benefit from a system that allows me to see the concepts outlined in a map	4	0.99
Q-C1(1).3 I would benefit from a system that allows me to view an interactive map synchronized with the video	3.5	0.93
2. Rewatch scenario	AVG	Dev ST
Q-C1(2).1 I would benefit from a system that would allow me to easily search for concepts within the video	4.25	1.07
Q-C1(2).2 I would benefit from a system that would allow me to see the concepts in a map.	4.5	0.83
Q-C1(2).3 I would benefit from a system that would allow me to view pop-ups so that I could find concepts that I do not remember	4.35	0.81
Q-C1(2).4 I would benefit from a system that summarizes in a tab the descriptions of a concept found within the video	4.6	0.68
Q-C1(2).5 I would benefit from a system that would break the video automatically into smaller, clickable portions of the video like a sort of index to a book	4.3	0.86

**Condition C2: Augmented Transcript-only toggled on**

1. First watch scenario	AVG	Dev ST
Q-C2(1).1 The augmented transcript helped me understand the content of the video	4.26	0.92
Q-C2(1).2 The augmented transcript supported me in understanding content in a language other than my native language	4.39	0.72
Q-C2(1).3 The augmented transcript helped me keep my attention on the content while watching the video	4.04	1.11
Q-C2(1).4 The augmented transcript is in the right position within the interface	4.00	0.80
Q-C2(1).5 The augmented transcript runs too fast	2.43	1.16
Q-C2(1).6 The augmented transcript distracted me	2.04	1.33
2. Rewatch scenario	AVG	Dev ST
Q-C2(2).1 The augmented transcript helped me deeply understand the content of the video	4.62	0.50
Q-C2(2).2 The augmented transcript supported me in understanding content in a language other than my native language	4.48	0.68
Q-C2(2).3 The augmented transcript helped me recall the concepts while rewatching the video	4.29	0.85
Q-C2(2).4 The augmented transcript made it easier for me to navigate the video in the "rewatch" phase	4.48	0.81
Q-C2(2).5 The augmented transcript did not add any value to my experience of "rewatching" the video	1.57	1.03
Q-C2(2).6 The augmented transcript is in the right position within the interface	4.48	0.68
Q-C2(2).7 The augmented transcript runs too fast	1.86	0.91
Q-C2(2).8 The augmented transcript distracted me	1.57	0.93

**Condition C3: Map of concepts' flow-only toggled on**

1. First watch scenario	AVG	Dev ST
Q-C3(1).1 The map of concepts' flow helped me understand the content of the video	3.75	0.94
Q-C3(1).2 The map of concepts' flow supported me in understanding content in a language other than my native language	3.63	1.10
Q-C3(1).3 The map of concepts' flow helped me keep my attention on the content while watching the video	3.83	1.01
Q-C3(1).4 The map of concepts' flow is in the right position within the interface	3.71	0.91
Q-C3(1).5 The map of concepts' flow flows too fast	2.29	0.95
Q-C3(1).6 The map of concepts' flow was distracting	2.00	1.02
2. Rewatch scenario	AVG	Dev ST
Q-C3(2).1 The map of concepts' flow helped me navigate the video concepts	4.52	0.68
Q-C3(2).2 The map of concepts' flow made it easier for me to find the "definition" of a concept	4.48	0.68
Q-C3(2).3 The map of concepts' flow made it easier for me to find the "in-depth" description of a concept	4.38	0.80
Q-C3(2).4 The "Search for Concepts" supported me in learning more about a specific concept	3.95	1.12
Q-C3(2).5 The map of concepts' flow added no value to my experience of "rewatching" (i.e., second viewing) the video	2.14	1.28
Q-C3(2).6 The "Search for Concepts" bar is placed in the right position within the interface	3.86	1.06
Q-C3(2).7 The tab that appears with the "Search for Concepts" was suitable for the task	3.57	1.25
Q-C3(2).8 The nodes on the map of concepts' flow are easily navigable and clickable	4.43	0.75