**Appendix B**

**Cognitive load test adapted from Leppink et al. (2014)**

Please respond to each of the questions by circling the most applicable number on the following scale 0-10 (0 = not at all the case and 10 = completely the case).

1) The content covered in the video was very complex.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

2) The video covered formulas that I perceived as very complex.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

3) The video covered concepts and definitions that I perceived as very complex.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

4) I invested a very high mental effort in the complexity of this video

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

5) The explanations in the video were very unclear.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

6) The explanations were full of unclear language.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

7) The explanations were, in terms of learning, very ineffective.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

8) I invested a very high mental effort in unclear and ineffective explanations in this video.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

9) The video really enhanced my understanding of the content that was covered.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

10) The video really enhanced my understanding of the formulas that were covered.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

11) The video really enhanced my knowledge of concepts and definitions that were covered.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

12) The video really enhanced my knowledge and understanding of the elasticity of supply and demand.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |

13) I invested a very high mental effort during this video in enhancing my knowledge and understanding.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all the case |  |  |  |  |  |  |  |  |  | Completely the case |