

Appendix C

Saved Data Format

Initial Data Format

The following data is presented in the form that was extracted from the ViewPoint Eyetracker. The following data only refers to a single user. Note that data used in our research is defined in bold. Because of the way in which the state logic script was written (See Appendix D) we know that important data is contained between (2 B and 2 C) tags. Timing data (the delta time between samples) is provided on lines starting with the number 9. Lines starting with the number 10 represents a data sample, with the second and third values representing the x-coordinate and y-coordinate values.

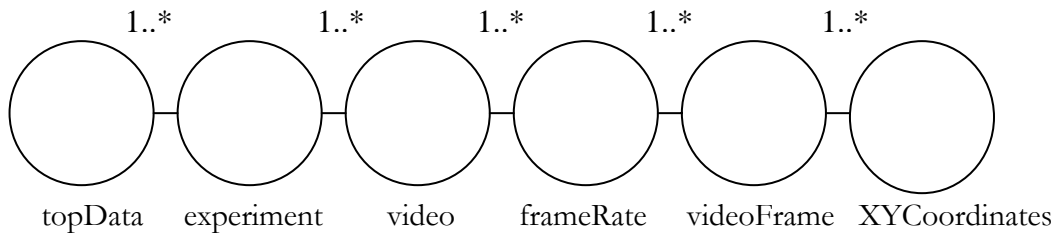
```

10      5333   4827   32     1     1343   1708   -999003
10      5333   4827   33     1     1343   1708   -999003
2      B
3        :Movies:ModelFest:BA15.mpg
2        +
10      5511  5419  414     1     1406   1791   -999003
9        190
10      5376  5249  1745    1     1218   1583   -999003
9        321
10      5164  9504  215     1     1156   1583   -999003
9        490
10      4984  9280  284     1     1187   1583   -999003
9        629
10      5035  8986  230     17    1281   1791   -999003
9        759
10      4467  9482  223     17    968    750    -999003
9        899
10      1939  8829  234     1     1062   1666   -999003
9        1042
10      2530  8212  240     1     874    625    -999003
9        1188
10      6095  8388  245     1     1093   1375   -999003
9        1328
10      7315  8337  221     17    1093   1250   -999003
9        1457

```

Saved Data Format

The following sample data file was obtained once data had been extracted, cleaned - extractData() - and saved - topdata.save() - by the software shown in Appendix E.



The content of the data reflects the format of data within the data structure (see above / figure 3.5): an (e) tag provides a textual description of the experiment, e.g. control experiment; a (v) tag provides a video description containing video code, number of frames and video filename; an (r) tag describes the specific video frame rate; an (f) tag contain information about the video frame, which allows the system to relate a specific video frame to participant data; and finally a (c) tag contains information concerning participant number, participant order, as well as X and Y coordinate values.

```

e      CONTROL      3
v      BA          640    BA25.mpg
r      25
f      1
c      26          null   7261    7839
c      25          null   4808    2868
c      27          null   5590    4740
c      28          null   6154    7132
c      29          null   7971    3637
c      30          null   7239    6119
c      31          null   5844    4959
c      32          null   4836    4683
c      33          null   7369    6797
c      34          null   5030    6838
c      35          null   5318    5954
c      36          null   8937    5291
f      2
c      26          null   7261    7839
c      25          null   4808    2868
c      27          null   5590    4740
c      28          null   6154    7132
c      29          null   7971    3637
c      30          null   7239    6119
c      31          null   5844    4959
c      32          null   4836    4683
c      33          null   7369    6797
c      34          null   5030    6838
c      35          null   5318    5954
c      36          null   8937    5291
f      3
c      26          null   7261    7839
c      25          null   4808    2868
c      27          null   5590    4740
c      28          null   6154    7132
c      29          null   7971    3637
c      30          null   7239    6119
c      31          null   5844    4959
c      32          null   4836    4683
c      33          null   7369    6797

```

| | | | | |
|---|----|------|------|------|
| c | 34 | null | 5030 | 6838 |
| c | 35 | null | 5318 | 5954 |
| c | 36 | null | 8937 | 5291 |
| f | 4 | | | |
| c | 26 | null | 7261 | 7839 |
| c | 25 | null | 4808 | 2868 |
| c | 27 | null | 5590 | 4740 |
| c | 28 | null | 6154 | 7132 |
| c | 29 | null | 7971 | 3637 |
| c | 30 | null | 7239 | 6119 |
| c | 31 | null | 5844 | 4959 |
| c | 32 | null | 4836 | 4683 |
| c | 33 | null | 7369 | 6797 |
| c | 34 | null | 5030 | 6838 |
| c | 35 | null | 5318 | 5954 |
| c | 36 | null | 8937 | 5291 |
| f | 5 | | | |
| c | 26 | null | 7261 | 7839 |
| c | 25 | null | 4808 | 2868 |
| c | 27 | null | 5590 | 4740 |
| c | 28 | null | 6154 | 7132 |
| c | 29 | null | 7971 | 3637 |
| c | 30 | null | 7239 | 6119 |
| c | 31 | null | 5844 | 4959 |
| c | 32 | null | 4836 | 4683 |
| c | 33 | null | 7369 | 6797 |
| c | 34 | null | 5030 | 6838 |
| c | 35 | null | 5318 | 5954 |
| c | 36 | null | 8937 | 5291 |
| f | 6 | | | |
| c | 26 | null | 7261 | 7839 |
| c | 25 | null | 4808 | 2868 |
| c | 27 | null | 5590 | 4740 |
| c | 28 | null | 6154 | 7132 |
| c | 29 | null | 7971 | 3637 |
| c | 30 | null | 7239 | 6119 |
| c | 31 | null | 5844 | 4959 |
| c | 32 | null | 4836 | 4683 |
| c | 33 | null | 7369 | 6797 |
| c | 34 | null | 5030 | 6838 |
| c | 35 | null | 5318 | 5954 |
| c | 36 | null | 8937 | 5291 |
| f | 7 | | | |
| c | 26 | null | 7261 | 7839 |
| c | 25 | null | 4808 | 2868 |
| c | 27 | null | 5590 | 4740 |
| c | 28 | null | 6154 | 7132 |
| c | 29 | null | 7971 | 3637 |
| c | 30 | null | 7239 | 6119 |
| c | 31 | null | 5844 | 4959 |
| c | 32 | null | 4836 | 4683 |
| c | 33 | null | 7369 | 6797 |
| c | 34 | null | 5030 | 6838 |
| c | 35 | null | 5318 | 5954 |
| c | 36 | null | 8937 | 5291 |
| f | 8 | | | |
| c | 26 | null | 7261 | 7839 |
| c | 25 | null | 4808 | 2868 |
| c | 27 | null | 5590 | 4740 |
| c | 28 | null | 6154 | 7132 |
| c | 29 | null | 7971 | 3637 |
| c | 30 | null | 7239 | 6119 |
| c | 31 | null | 5844 | 4959 |
| c | 32 | null | 4836 | 4683 |
| c | 33 | null | 7369 | 6797 |
| c | 34 | null | 5030 | 6838 |
| c | 35 | null | 5318 | 5954 |
| c | 36 | null | 8937 | 5291 |
| f | 9 | | | |
| c | 26 | null | 7261 | 7839 |
| c | 25 | null | 4808 | 2868 |
| c | 27 | null | 5590 | 4740 |
| c | 28 | null | 6154 | 7132 |
| c | 29 | null | 7971 | 3637 |
| c | 30 | null | 7239 | 6119 |
| c | 31 | null | 5844 | 4959 |
| c | 32 | null | 4836 | 4683 |