**File 1: Old38a1\_top10communities\_f180\_gColor.txt (Highest priority)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | pixel 0 | pixel 1 | ... | pixel M |
| time 0 | community identification code | a number between 0 and 10 |  |  |
| time 1 | 0 | 3 |  |  |
| ... |  |  |  |  |
| time N |  |  |  | 1 |

If the number in the cell [1, 0] is 0, it means the pixel 0 is inactive at time 1.

if the number in the cell [1,1] is 1, it means the pixel 1 stays in community 3 at time 1.

if the number in the cell [N, M] is 2, it means the pixel M stays in community 1 at time N.

M = 172 \* 130 - 1, N = 180



Used for displaying the overview of communities distributions in the brain networks by overlaying barcodes on the top of the brain slice image in the main window, and also providing detail information for each individual node (pixel) when zooming in.

**File 2: Old38a1\_top10communities\_f180\_gSize.txt**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | top 1 | top 2 | ... | top 10 | sum (top1:10) |
| time 0 | the size of community 1 at time 0 |  |  |  |  |
| time 1 |  |  |  |  | the size of communities 1 ~ 10 at time 1 |
| ... |  |  |  |  |  |
| time N |  |  |  | the size of community 10 at time N |  |

Used for showing the distributions of top 10 communities over time (in the overall timeline window)

**File 3: Old38a1\_network\_metrics.csv (lowest priority)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| pixel index | attribute 1 | attribute 2 | ... | attribute 10 |
| active pixel 0 |  |  |  |  |
| active pixel 1 |  |  |  |  |
| ... |  |  |  |  |
| active pixel p |  |  |  |  |

Used for showing ten interesting attributes of each individual active node (pixel) in the parallel coordinates view