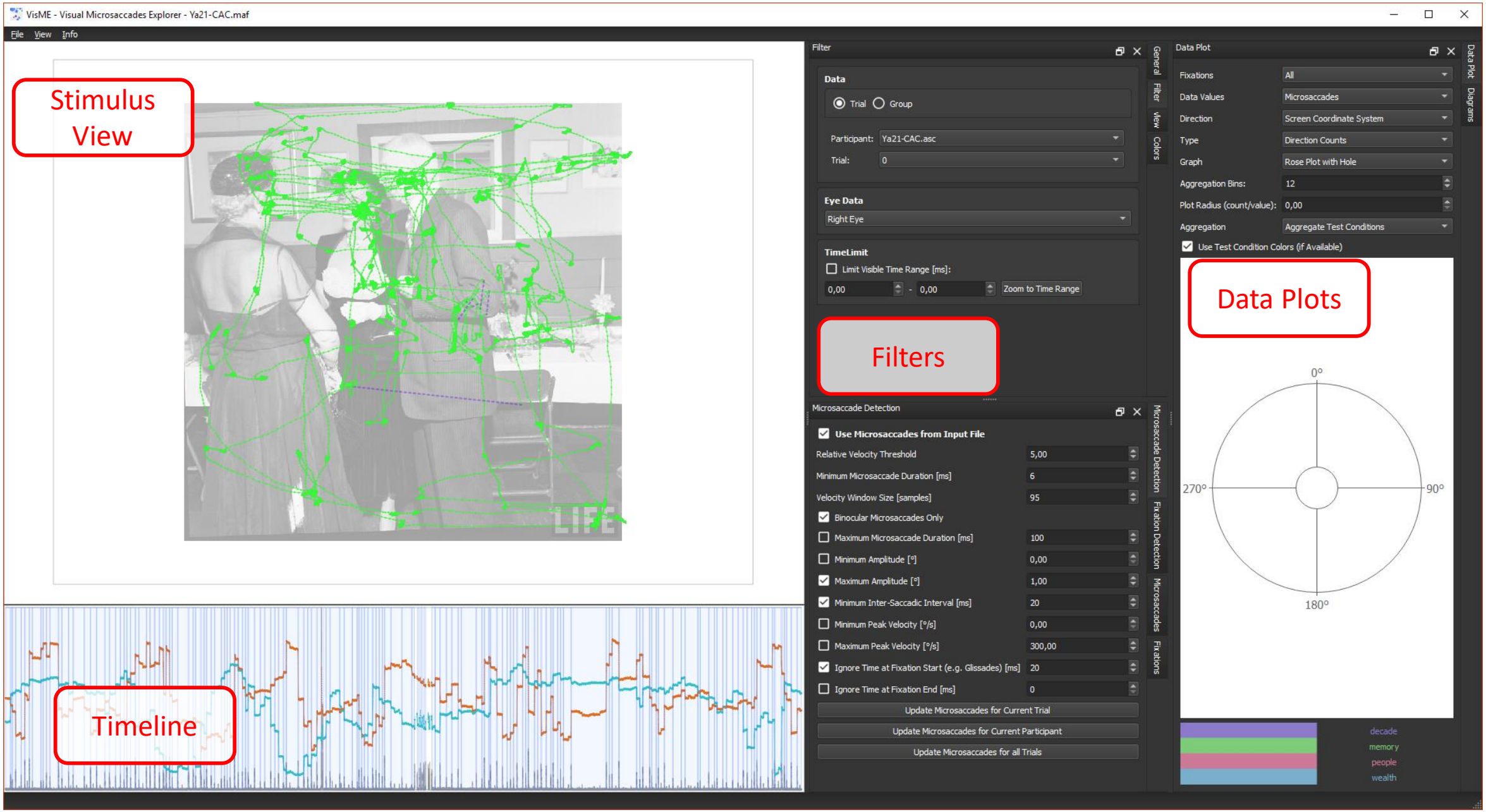
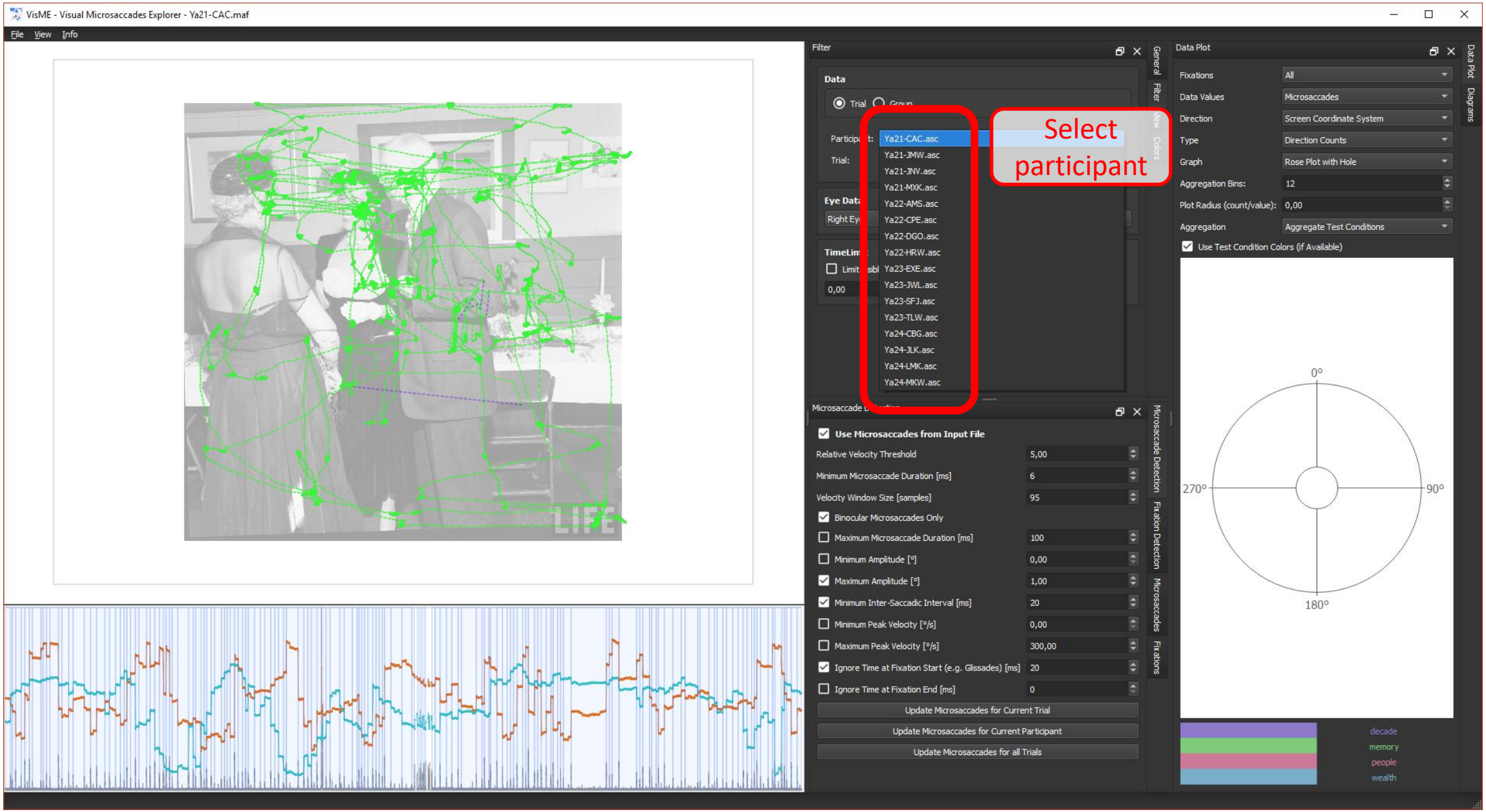
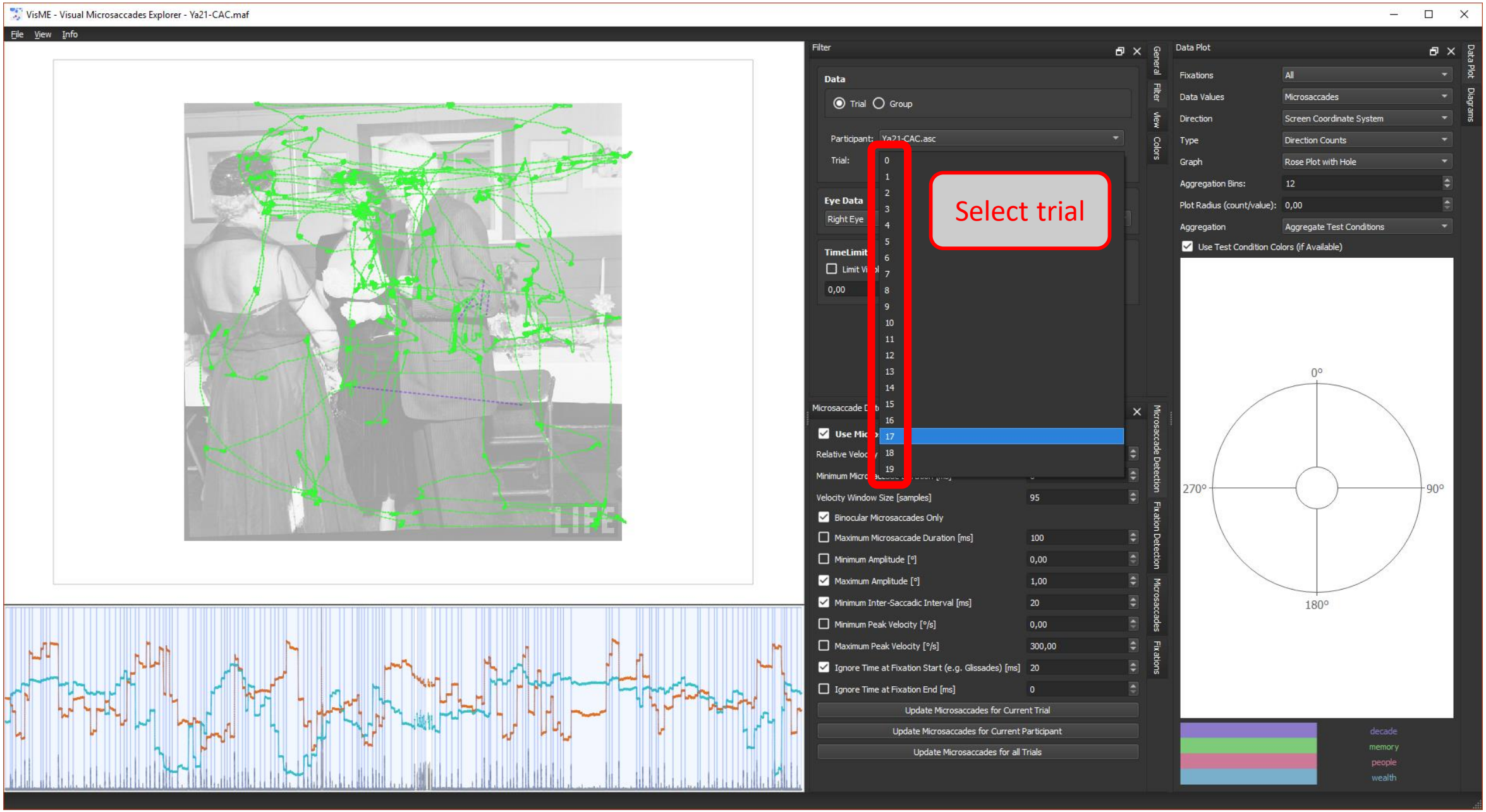
Visual Microsaccades Explorer

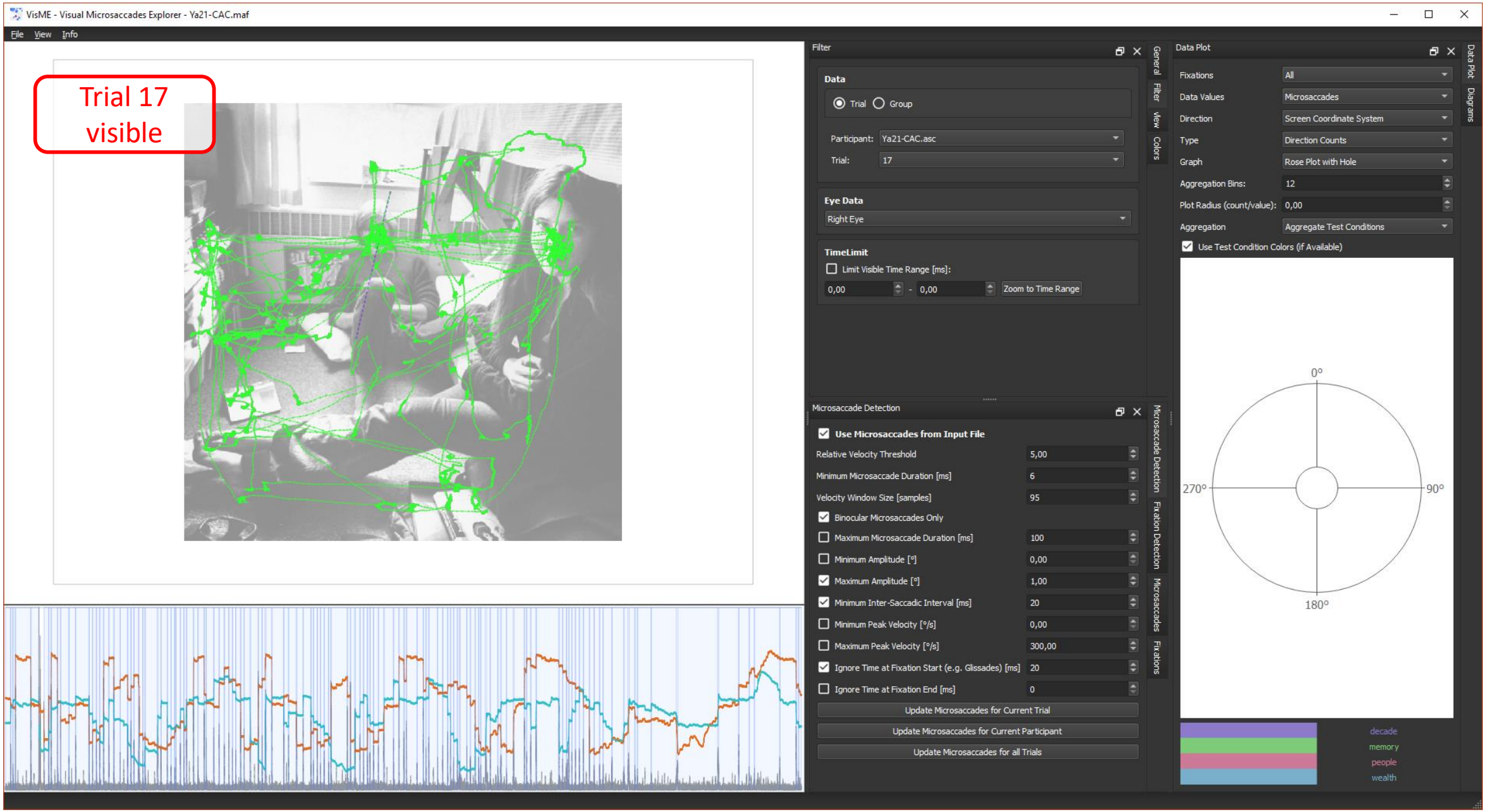
Demonstration

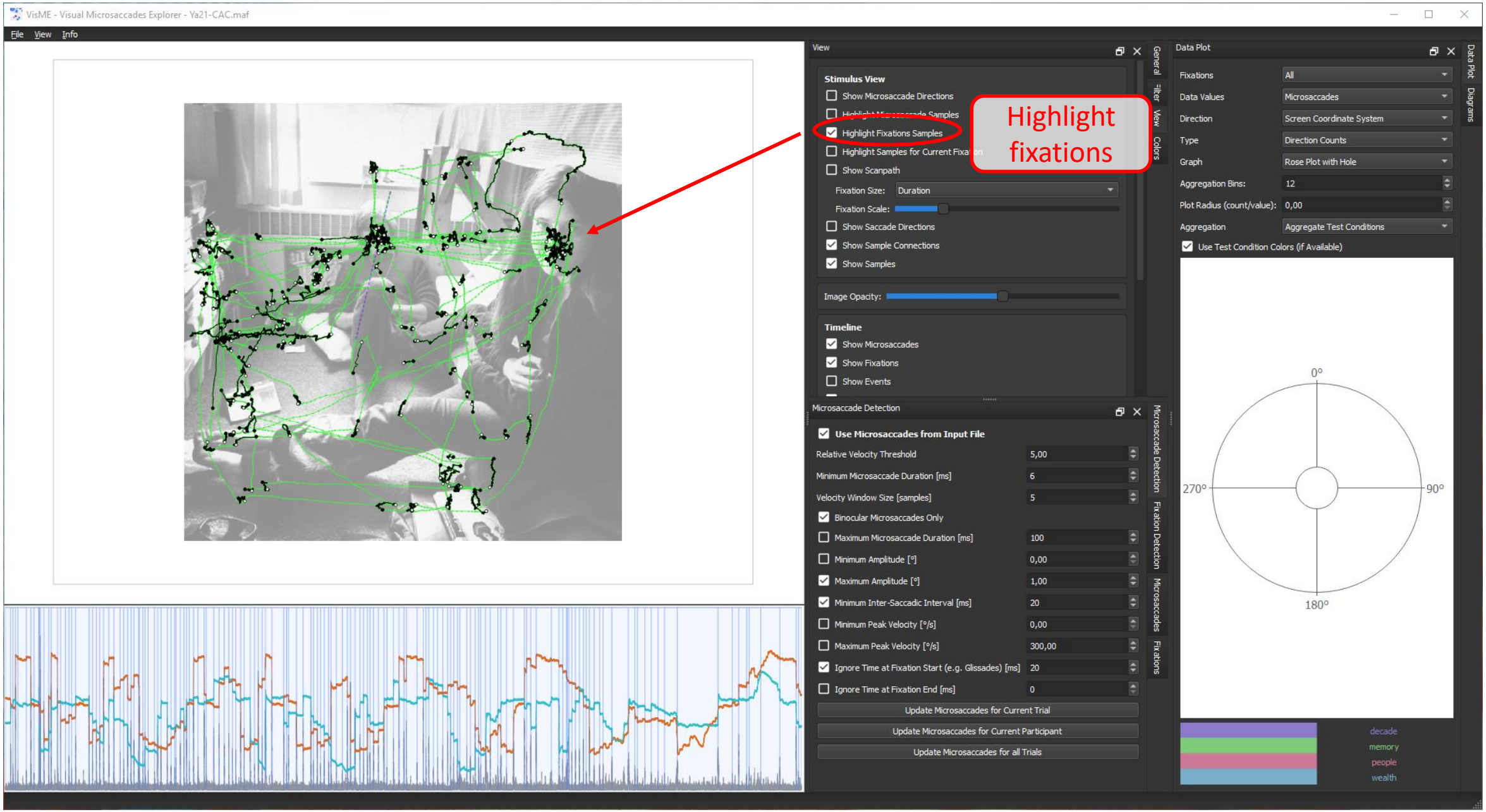

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Stimulus View
Timeline
Filter
Data
Trial Group
Participant: Ya21-CAC.asc
Trial: 0
Eye Data
Right Eye
TimeLimit
Limit Visible Time Range [ms]:
0,00 - 0,00 Zoom to Time Range
Filters
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 95
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
General Filter View Colors
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
Data Plots
0°
270°
90°
180°
decade
memory
people
wealth
Data Plot Diagrams

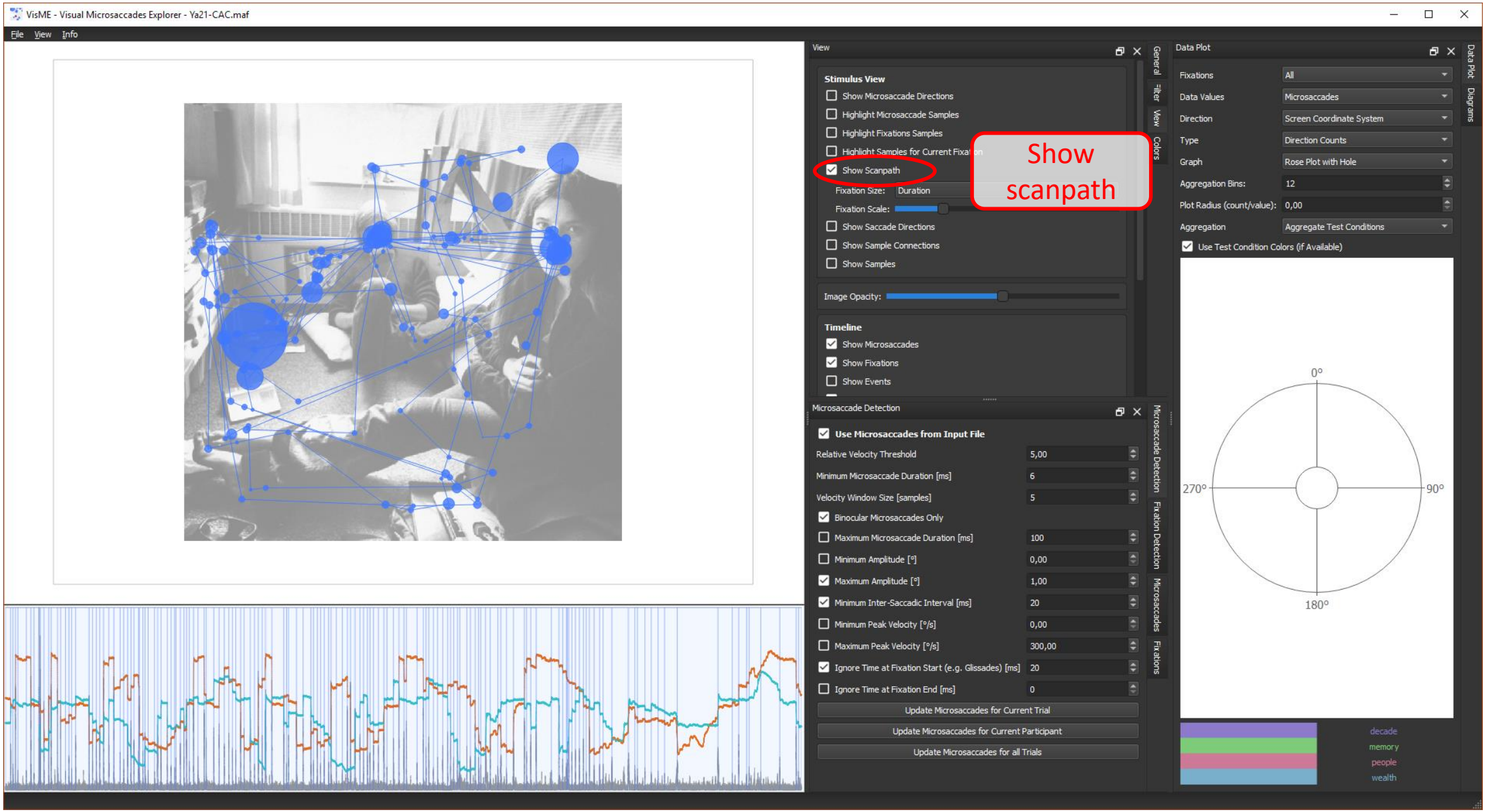
Single Trial Exploration

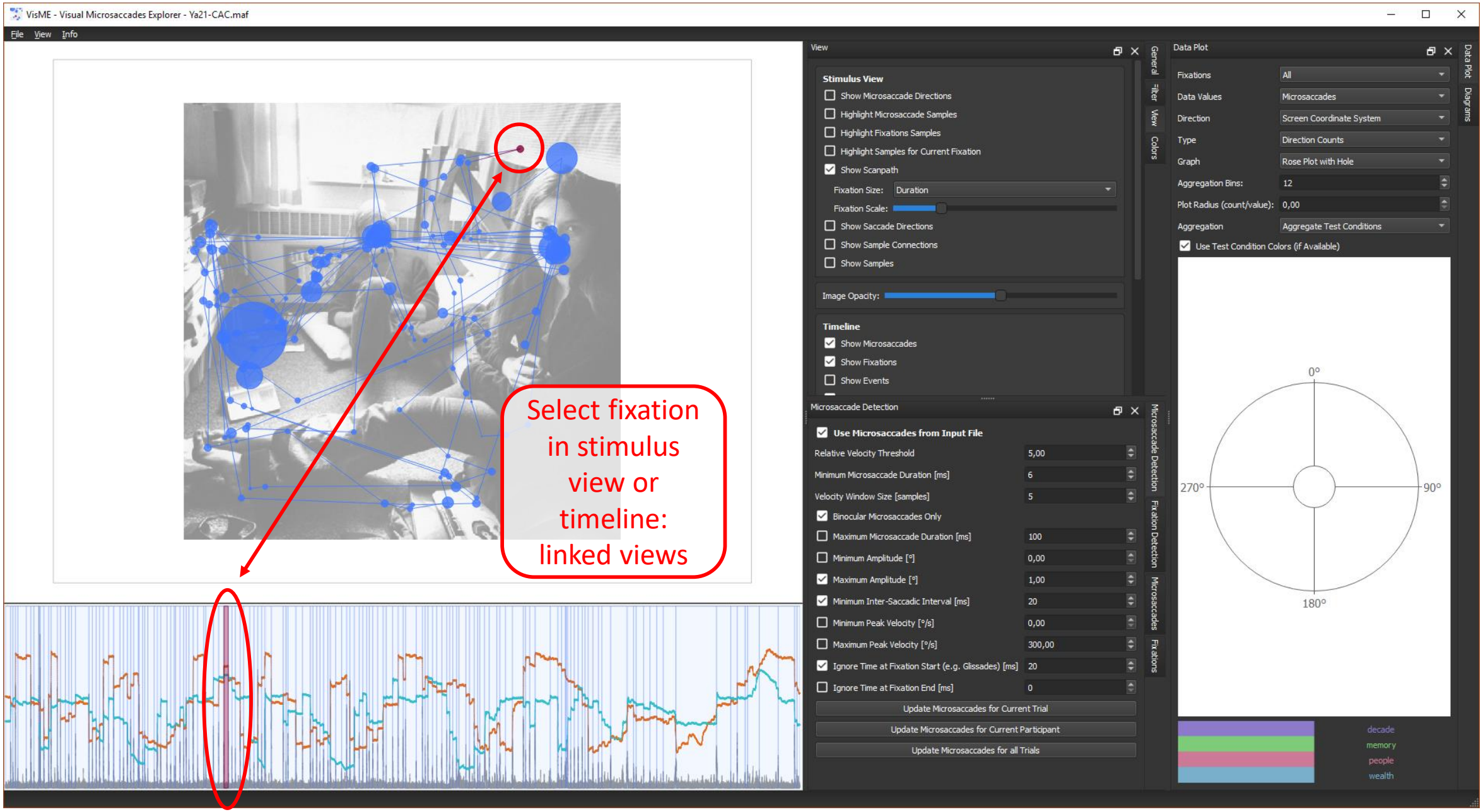

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial
Group
Participant:
Trial:
Eye Data
Right Eye
TimeLimit
Limit
0,00
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Ya22-AMS.asc
Ya22-CPE.asc
Ya22-DGO.asc
Ya22-HRW.asc
Ya23-EXE.asc
Ya23-JWL.asc
Ya23-SFJ.asc
Ya23-TLW.asc
Ya24-CBG.asc
Ya24-JLK.asc
Ya24-LMK.asc
Ya24-MKW.asc
Select participant
General
Filter
View
Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 95
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
decade
memory
people
wealth
Data Plot
Diagrams

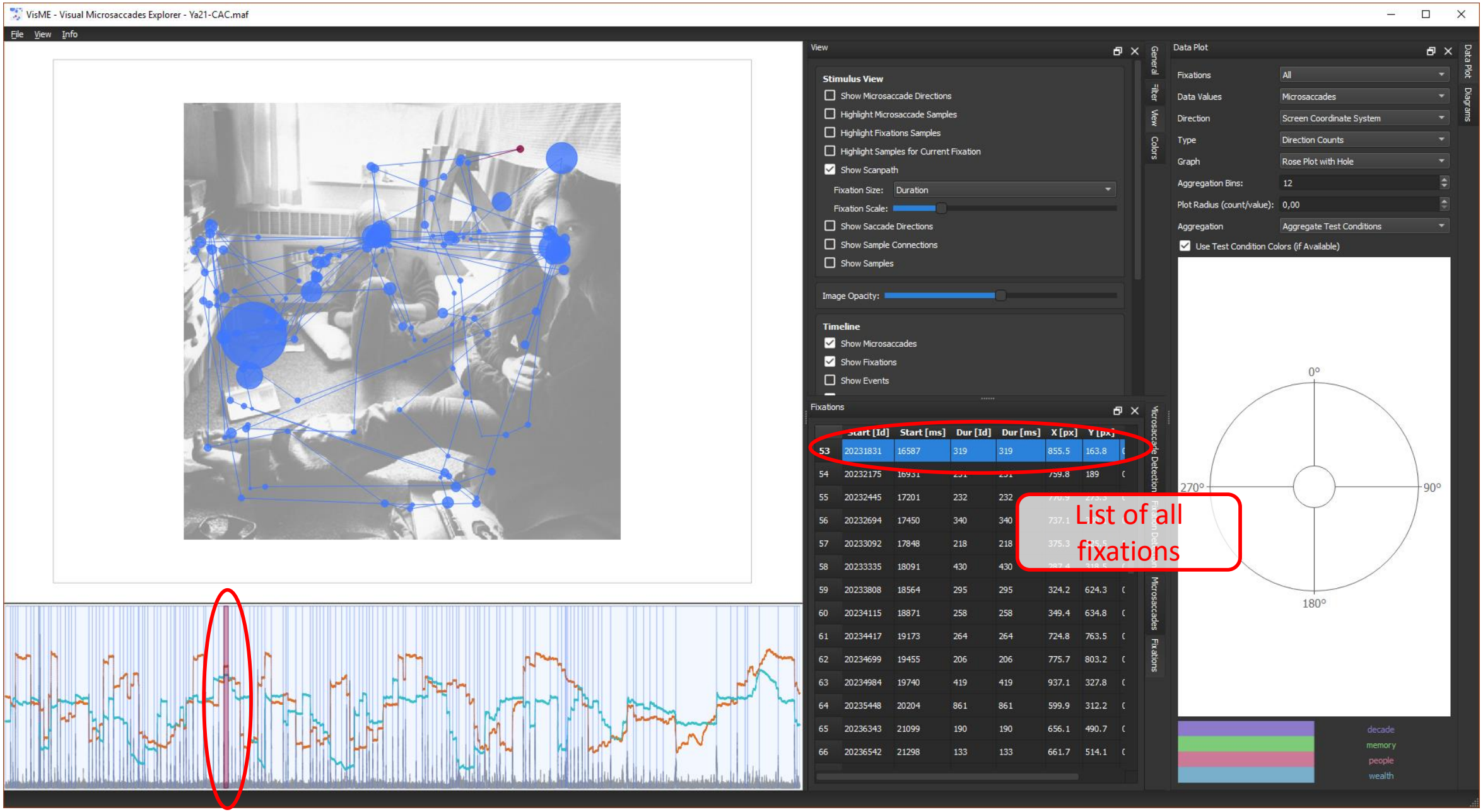

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participant: Ya21-CAC.asc
Trial:
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Select trial
Eye Data
Right Eye
TimeLimit
0,00
Microsaccade Detection
Use Mic
Relative Veloc
Minimum Micr
Velocity Window Size [samples] 95
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
General Filter View Colors
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
270°
90°
180°
decade
memory
people
wealth
Data Plot Diagrams

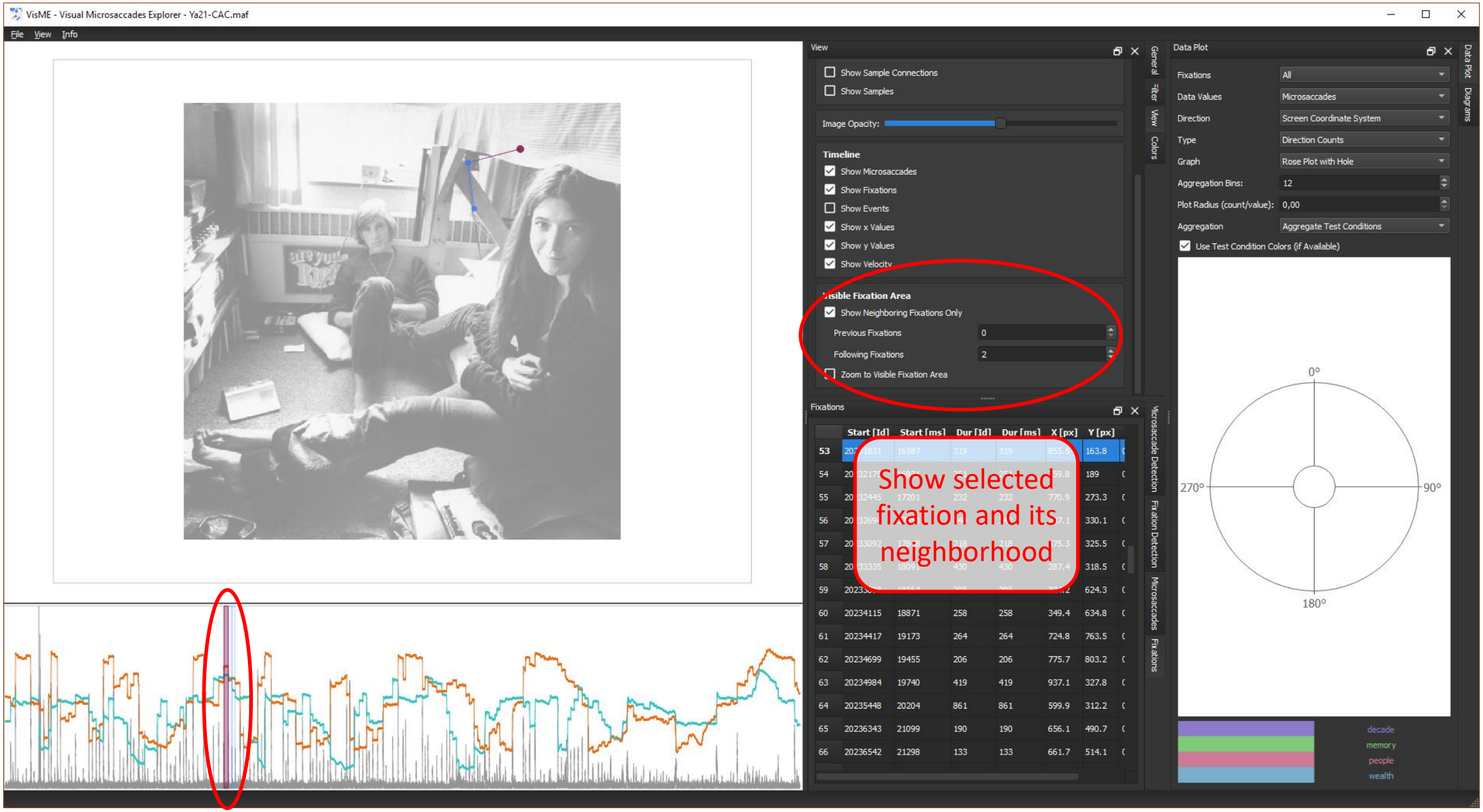

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Trial 17 visible
Filter
Data
Trial Group
Participant: Ya21-CAC.asc
Trial: 17
Eye Data
Right Eye
TimeLimit
Limit Visible Time Range [ms]:
0,00 - 0,00 Zoom to Time Range
General Filter View Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 95
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
270°
90°
180°
decade
memory
people
wealth
Data Plot Diagrams

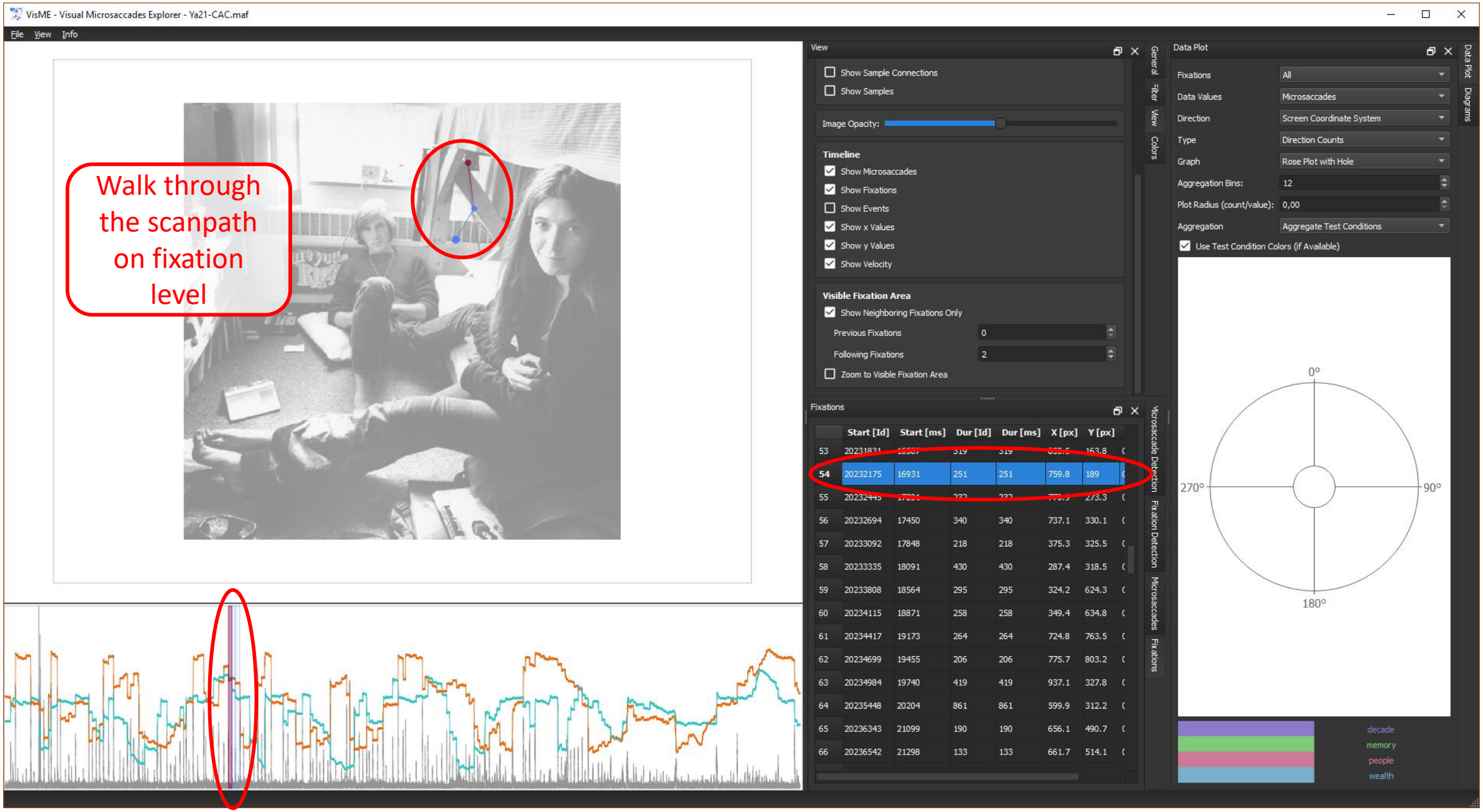

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
Highlight fixations
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
270°
90°
180°
decade
memory
people
wealth
General
Filter
View
Colors
Data Plot
Diagrams
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations

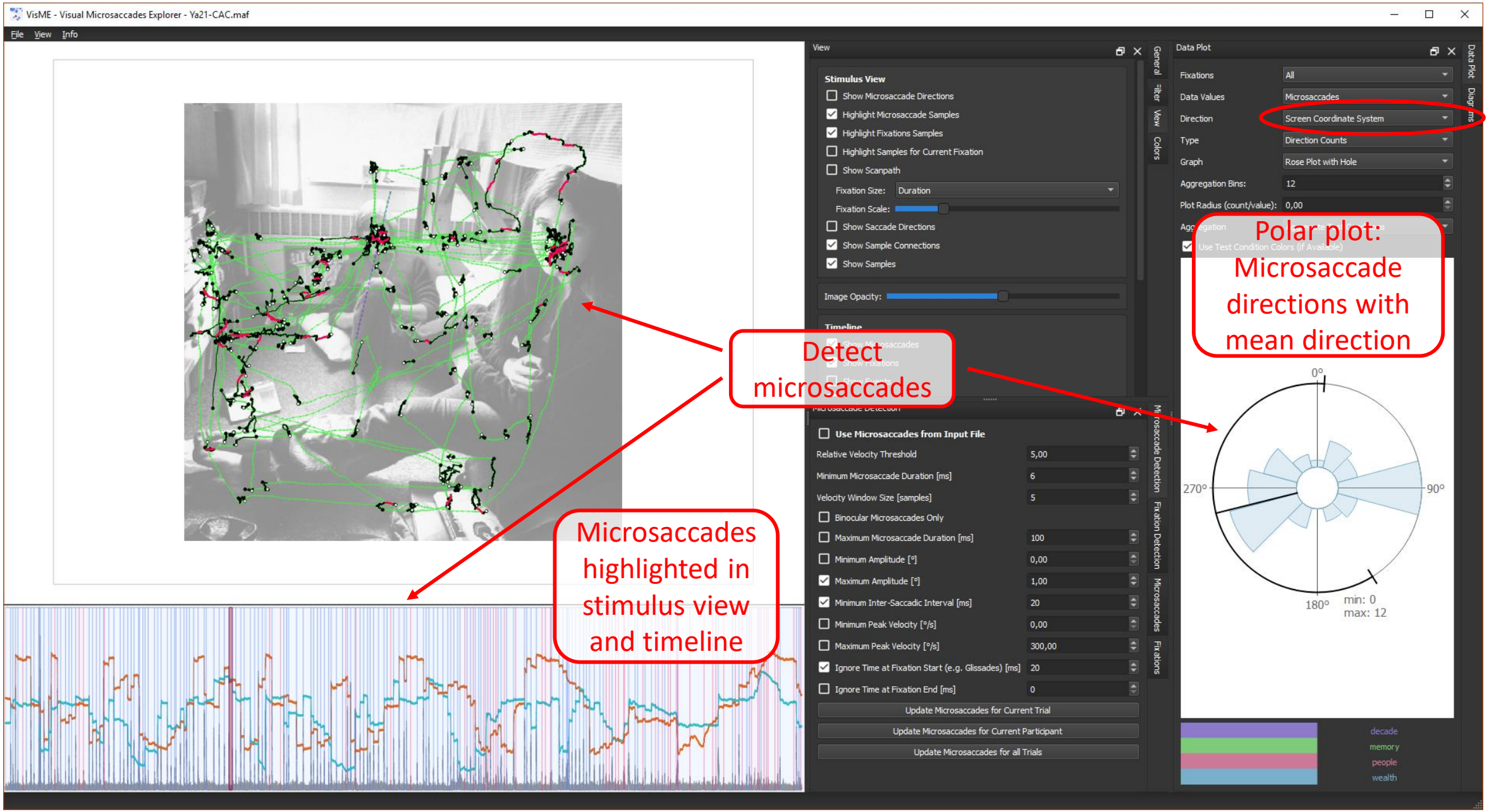

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
Show scanpath
General
Filter
View
Colors
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
decade
memory
people
wealth
Data Plot
Diagrams
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations

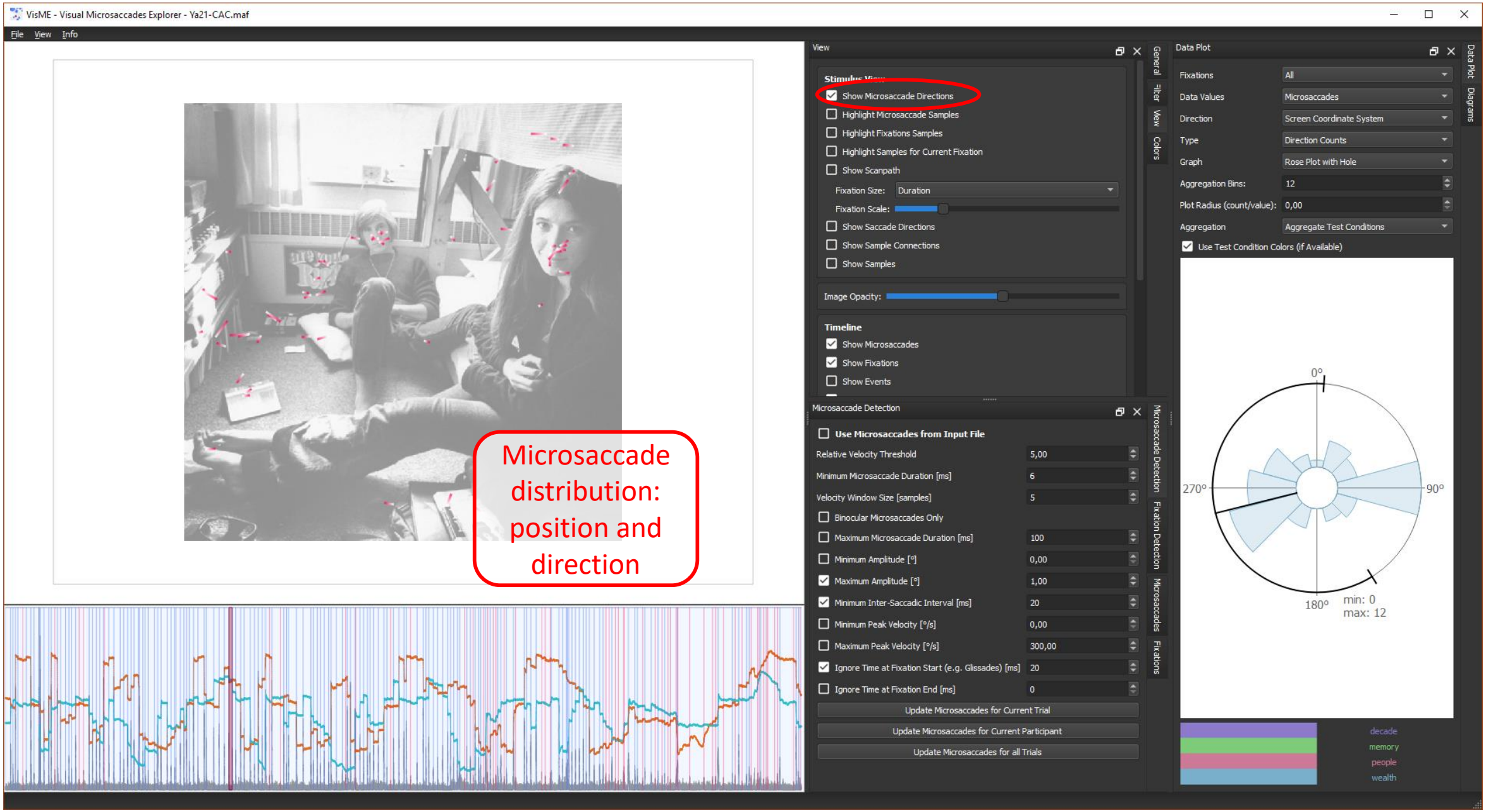

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Select fixation in stimulus view or timeline: linked views
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General
Filter
View
Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
decade
memory
people
wealth
Data Plot
Diagrams

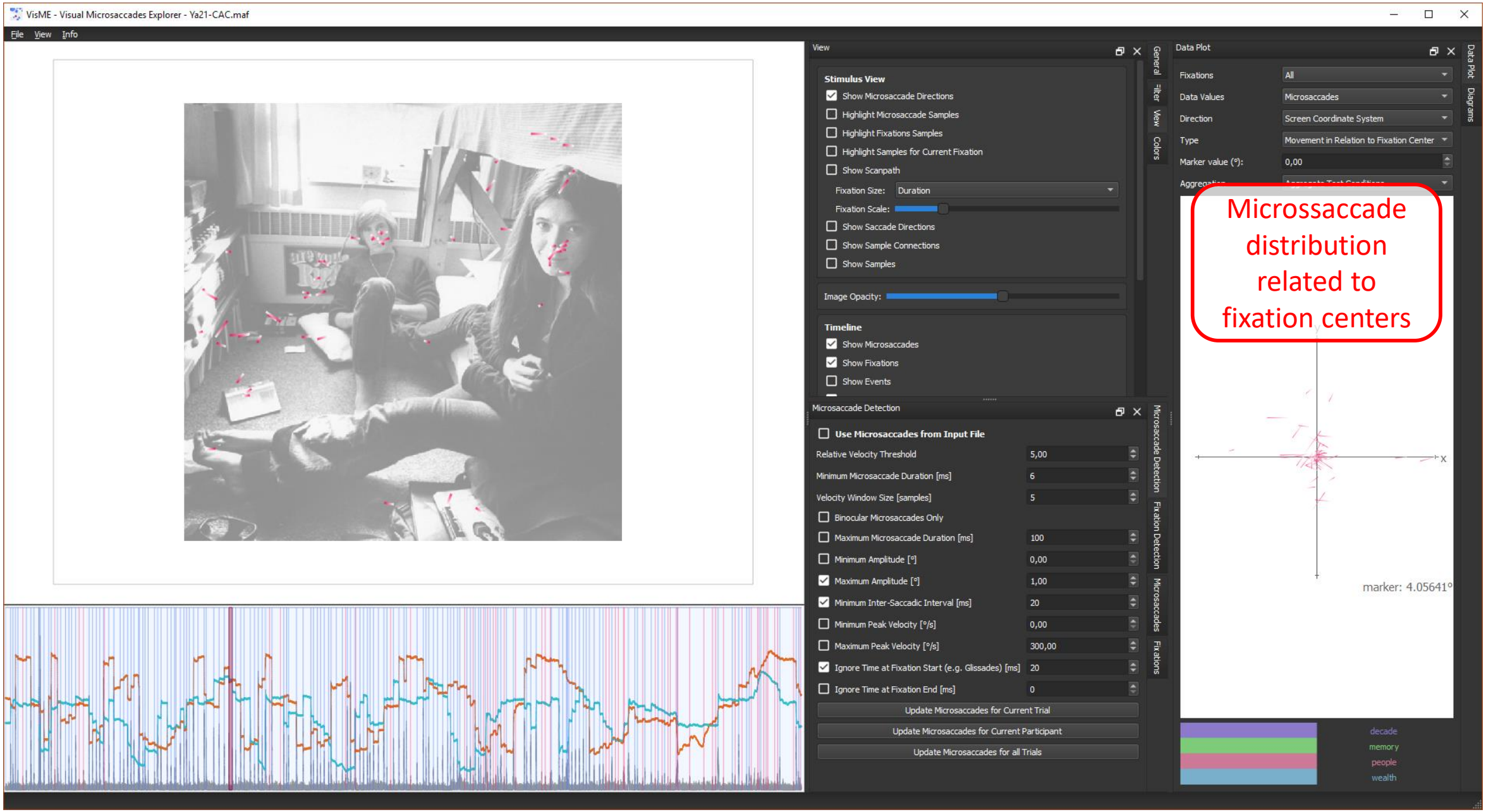

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General
Filter
View
Colors
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
Data Plot
Diagrams
Fixations
Start [Id] Start [ms] Dur [Id] Dur [ms] X [px] Y [px]
53 20231831 16587 319 319 855.5 163.8
54 20232175 16931 759.8 189
55 20232445 17201 232 232
56 20232694 17450 340 340 737.1
57 20233092 17848 218 218 375.3
58 20233335 18091 430 430
59 20233808 18564 295 295 324.2 624.3
60 20234115 18871 258 258 349.4 634.8
61 20234417 19173 264 264 724.8 763.5
62 20234699 19455 206 206 775.7 803.2
63 20234984 19740 419 419 937.1 327.8
64 20235448 20204 861 861 599.9 312.2
65 20236343 21099 190 190 656.1 490.7
66 20236542 21298 133 133 661.7 514.1
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
List of all fixations
0°
90°
180°
270°
decade
memory
people
wealth

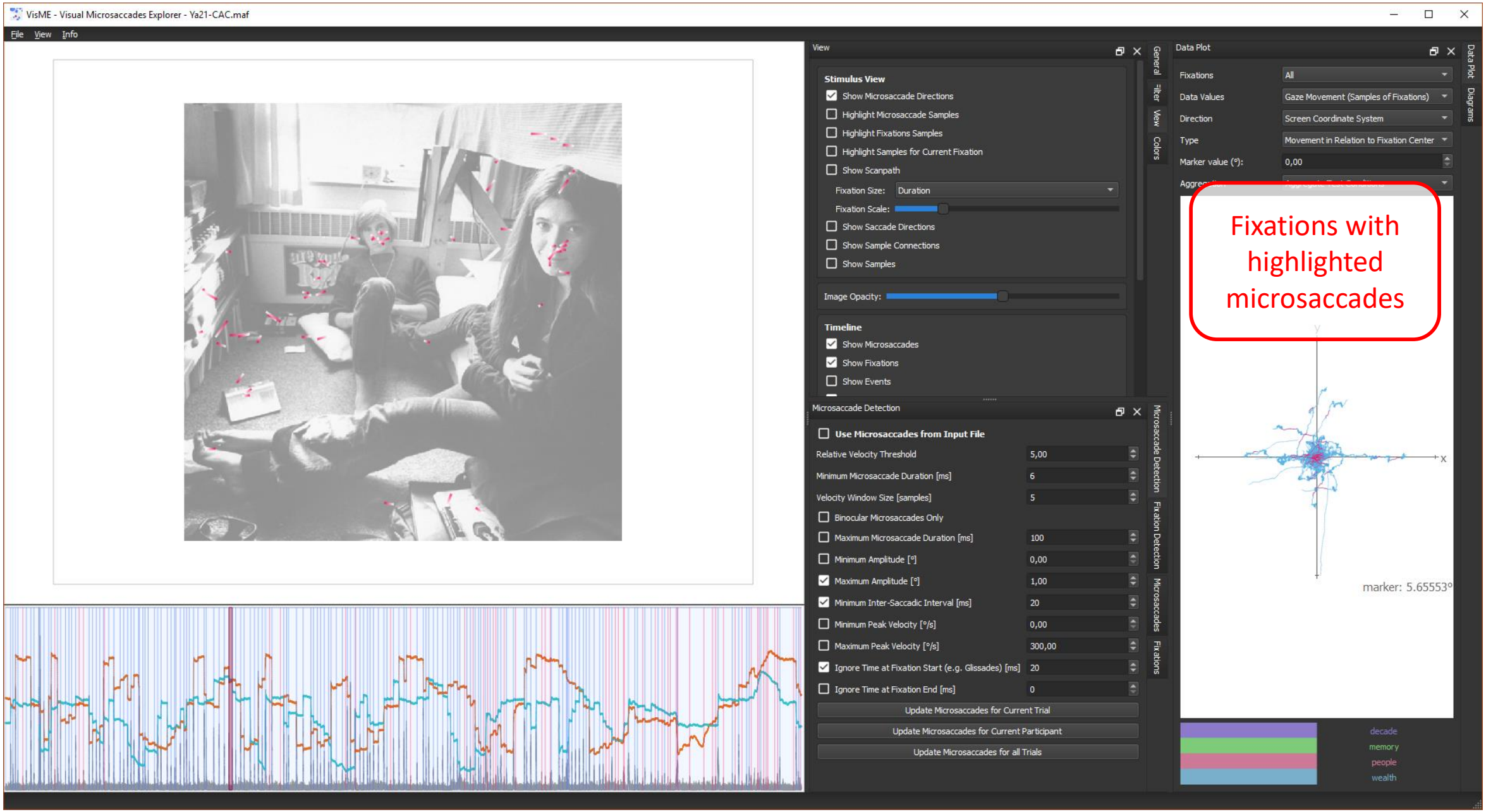

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
Show x Values
Show y Values
Show Velocity
Visible Fixation Area
Show Neighboring Fixations Only
Previous Fixations 0
Following Fixations 2
Zoom to Visible Fixation Area
General Filter View Colors
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
Data Plot Diagrams
Fixations
Start [Id] Start [ms] Dur [Id] Dur [ms] X [px] Y [px]
53 16587 319 319 163.8
54 189
55 17201 232 232 770.9 273.3
56 330.1
57 325.5
58 318.5
59 624.3
60 20234115 18871 258 258 349.4 634.8
61 20234417 19173 264 264 724.8 763.5
62 20234699 19455 206 206 775.7 803.2
63 20234984 19740 419 419 937.1 327.8
64 20235448 20204 861 861 599.9 312.2
65 20236343 21099 190 190 656.1 490.7
66 20236542 21298 133 133 661.7 514.1
Show selected fixation and its neighborhood
Microsaccade Detection Fixation Detection Microsaccades Fixations
0°
90°
180°
270°
decade
memory
people
wealth

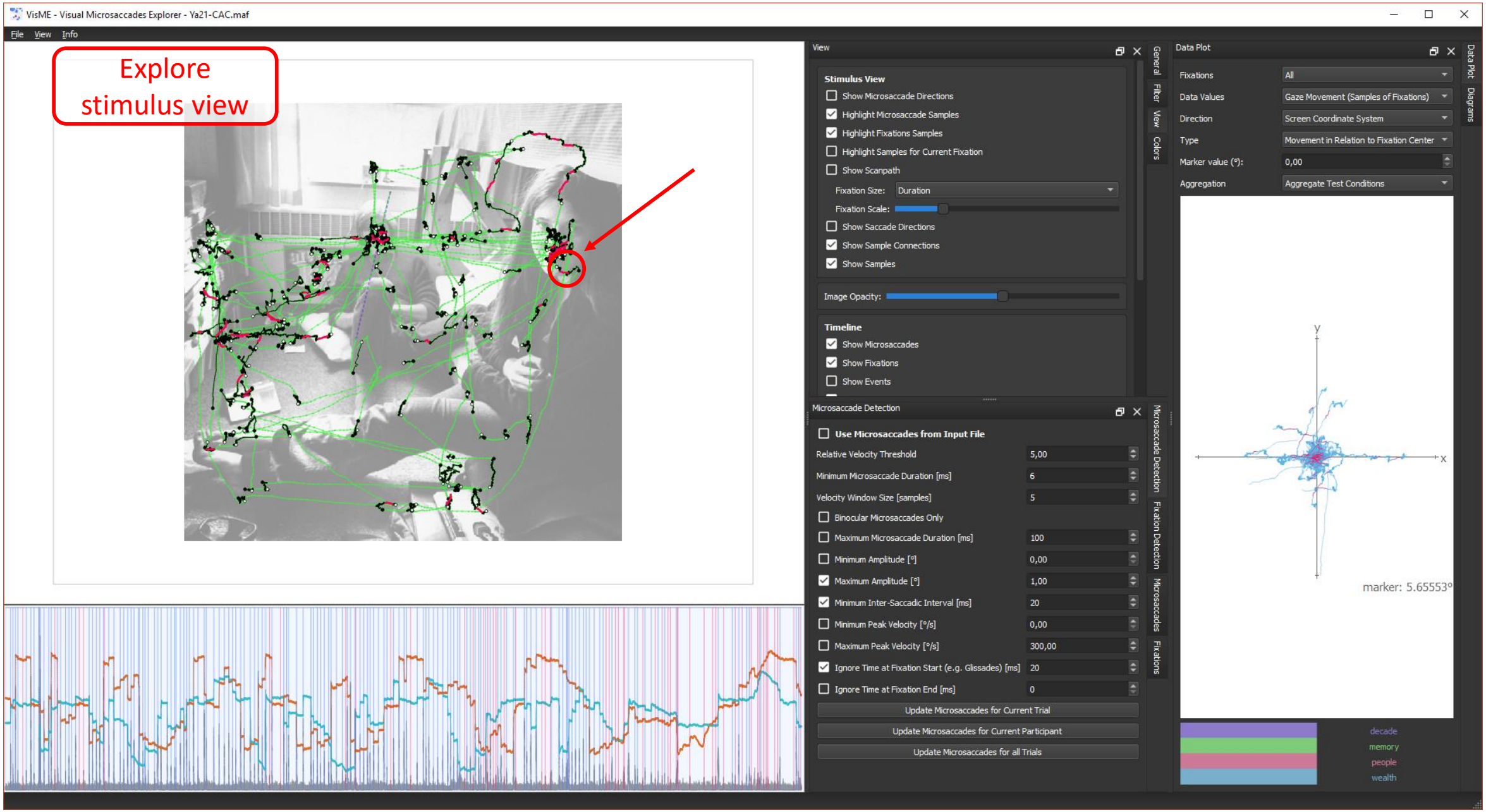

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Walk through the scanpath on fixation level
View
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
Show x Values
Show y Values
Show Velocity
Visible Fixation Area
Show Neighboring Fixations Only
Previous Fixations 0
Following Fixations 2
Zoom to Visible Fixation Area
General Filter View Colors
Fixations
Start [Id] Start [ms] Dur [Id] Dur [ms] X [px] Y [px]
53 20231831 163.8
54 20232175 16931 251 251 759.8 189
55 20232443 273.3
56 20232694 17450 340 340 737.1 330.1
57 20233092 17848 218 218 375.3 325.5
58 20233335 18091 430 430 287.4 318.5
59 20233808 18564 295 295 324.2 624.3
60 20234115 18871 258 258 349.4 634.8
61 20234417 19173 264 264 724.8 763.5
62 20234699 19455 206 206 775.7 803.2
63 20234984 19740 419 419 937.1 327.8
64 20235448 20204 861 861 599.9 312.2
65 20236343 21099 190 190 656.1 490.7
66 20236542 21298 133 133 661.7 514.1
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
270°
90°
180°
decade
memory
people
wealth
Data Plot Diagrams

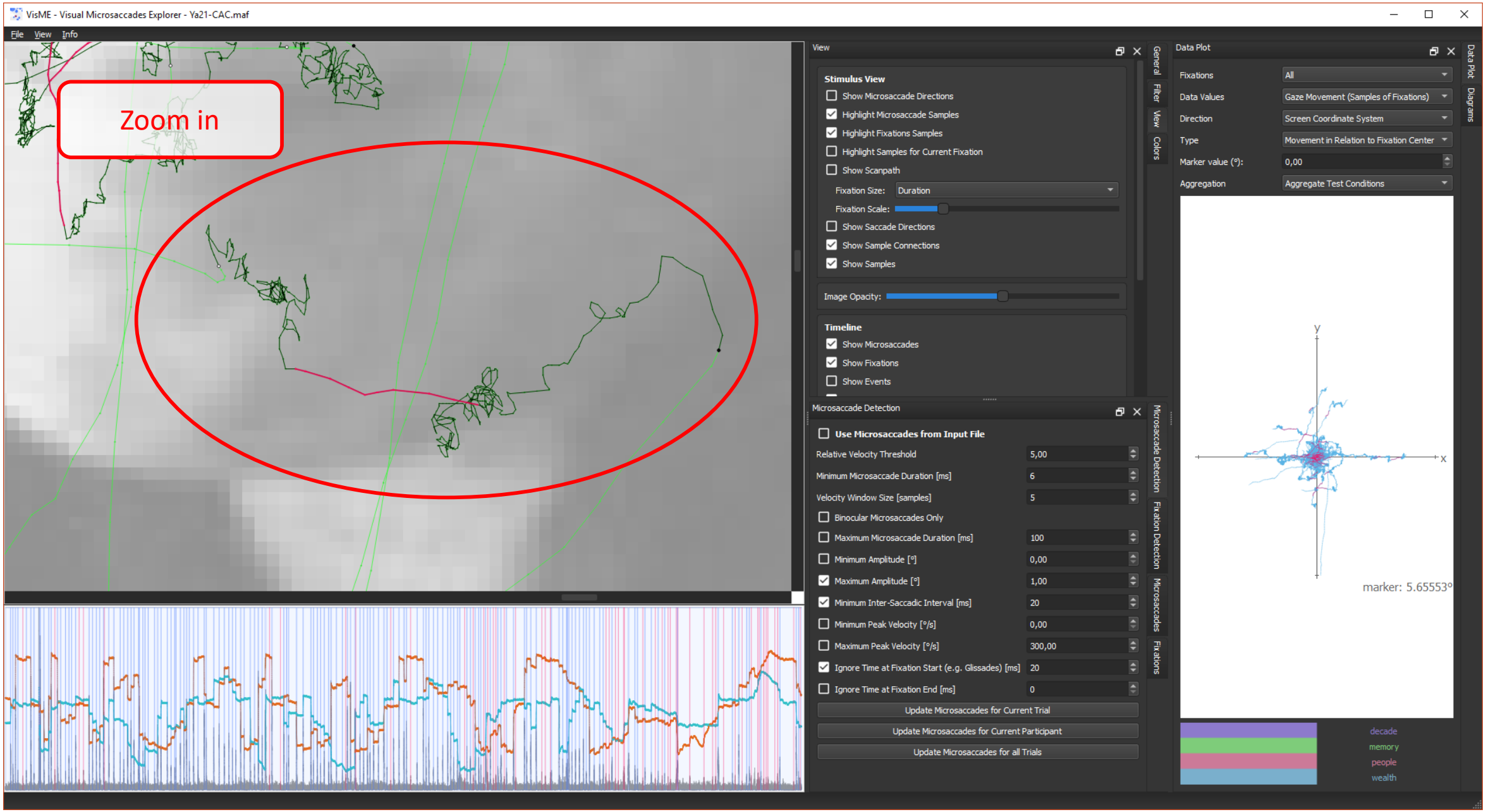

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 12
decade
memory
people
wealth
Detect microsaccades
Polar plot: Microsaccade directions with mean direction
Microsaccades highlighted in stimulus view and timeline

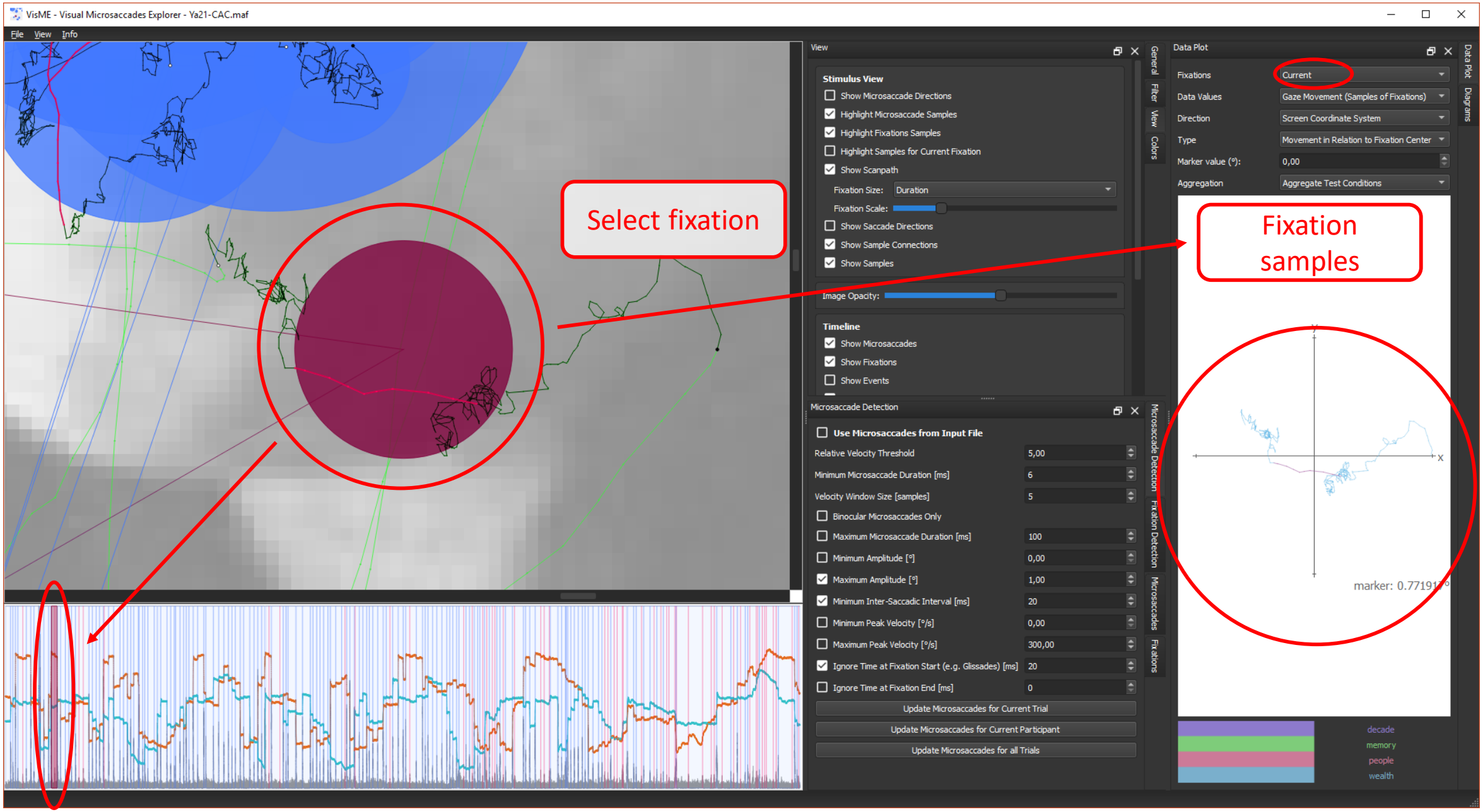

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Microsaccade distribution: position and direction
View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General
Filter
View
Colors
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 12
decade
memory
people
wealth
Data Plot
Diagrams
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations

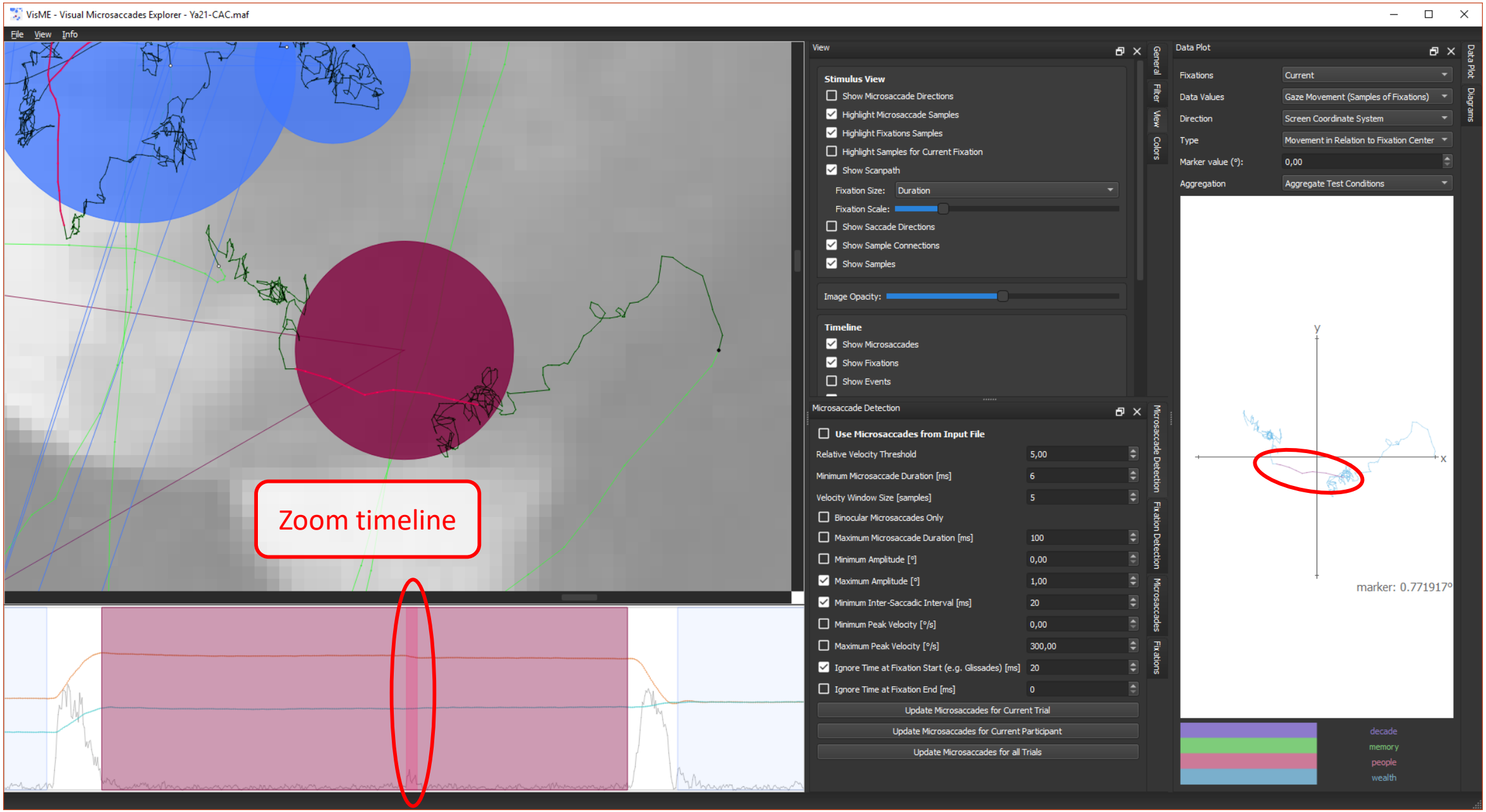

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General
Filter
View
Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Movement in Relation to Fixation Center
Marker value (°): 0,00
Aggregation
Microsaccade distribution related to fixation centers
x
marker: 4.05641°
decade
memory
people
wealth
Data Plot
Diagrams

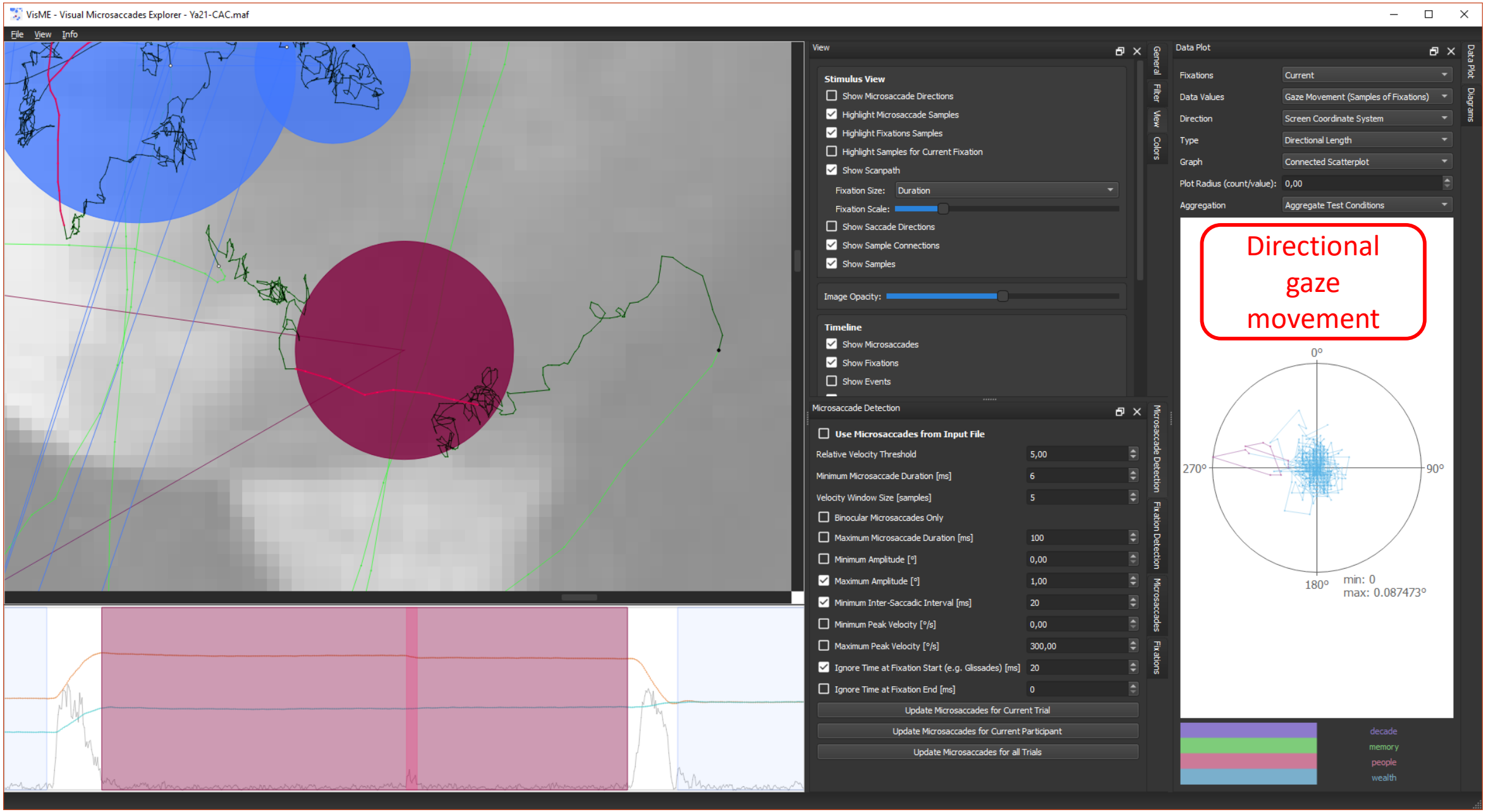

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General
Filter
View
Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations All
Data Values Gaze Movement (Samples of Fixations)
Direction Screen Coordinate System
Type Movement in Relation to Fixation Center
Marker value (°): 0,00
Fixations with highlighted microsaccades
y
x
marker: 5.65553°
decade
memory
people
wealth
Data Plot
Diagrams

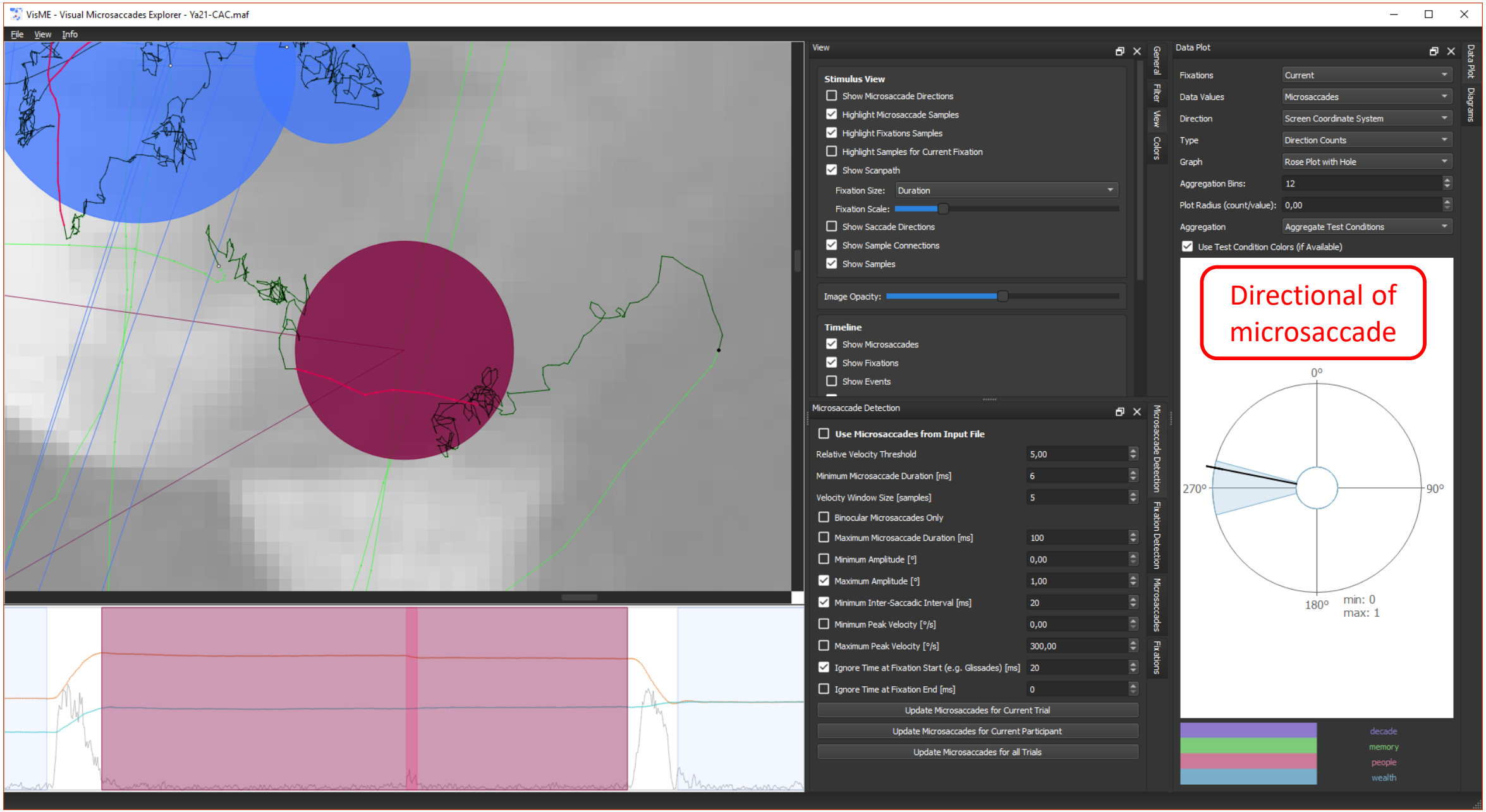

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Explore stimulus view
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations All
Data Values Gaze Movement (Samples of Fixations)
Direction Screen Coordinate System
Type Movement in Relation to Fixation Center
Marker value (°): 0,00
Aggregation Aggregate Test Conditions
y
x
marker: 5.65553°
decade
memory
people
wealth
Data Plot Diagrams

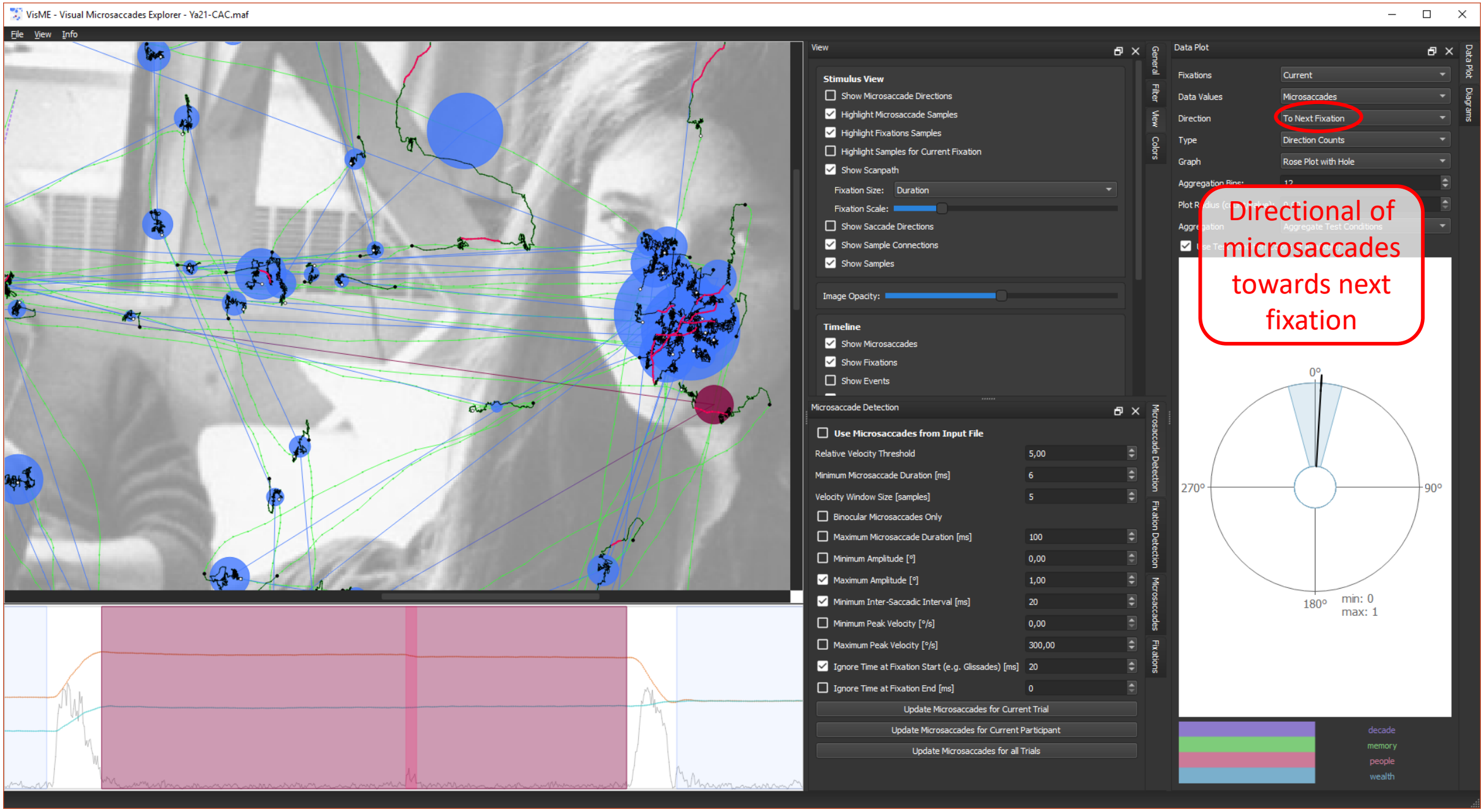

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Zoom in
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations All
Data Values Gaze Movement (Samples of Fixations)
Direction Screen Coordinate System
Type Movement in Relation to Fixation Center
Marker value (°): 0,00
Aggregation Aggregate Test Conditions
y
x
marker: 5.65553°
decade
memory
people
wealth
Data Plot Diagrams

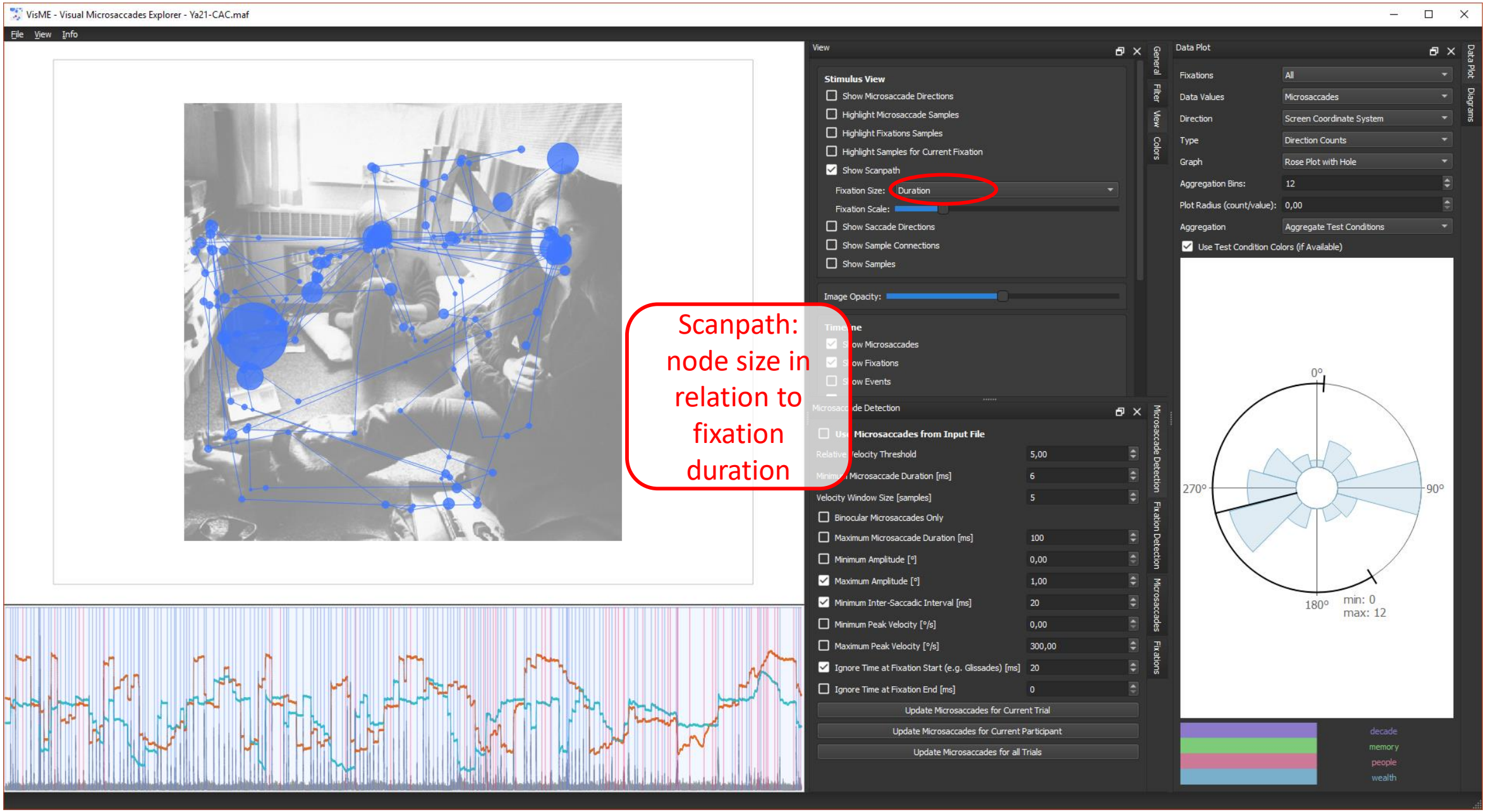

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File
View
Info
Select fixation
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size:
Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General
Filter
View
Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold
5,00
Minimum Microsaccade Duration [ms]
6
Velocity Window Size [samples]
5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms]
100
Minimum Amplitude [°]
0,00
Maximum Amplitude [°]
1,00
Minimum Inter-Saccadic Interval [ms]
20
Minimum Peak Velocity [°/s]
0,00
Maximum Peak Velocity [°/s]
300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms]
20
Ignore Time at Fixation End [ms]
0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations
Current
Data Values
Gaze Movement (Samples of Fixations)
Direction
Screen Coordinate System
Type
Movement in Relation to Fixation Center
Marker value (°):
0,00
Aggregation
Aggregate Test Conditions
Fixation samples
y
x
marker: 0.77191°
decade
memory
people
wealth
Data Plot
Diagrams


VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Zoom timeline
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations Current
Data Values Gaze Movement (Samples of Fixations)
Direction Screen Coordinate System
Type Movement in Relation to Fixation Center
Marker value (°): 0,00
Aggregation Aggregate Test Conditions
y
x
marker: 0.771917°
decade
memory
people
wealth
Data Plot Diagrams

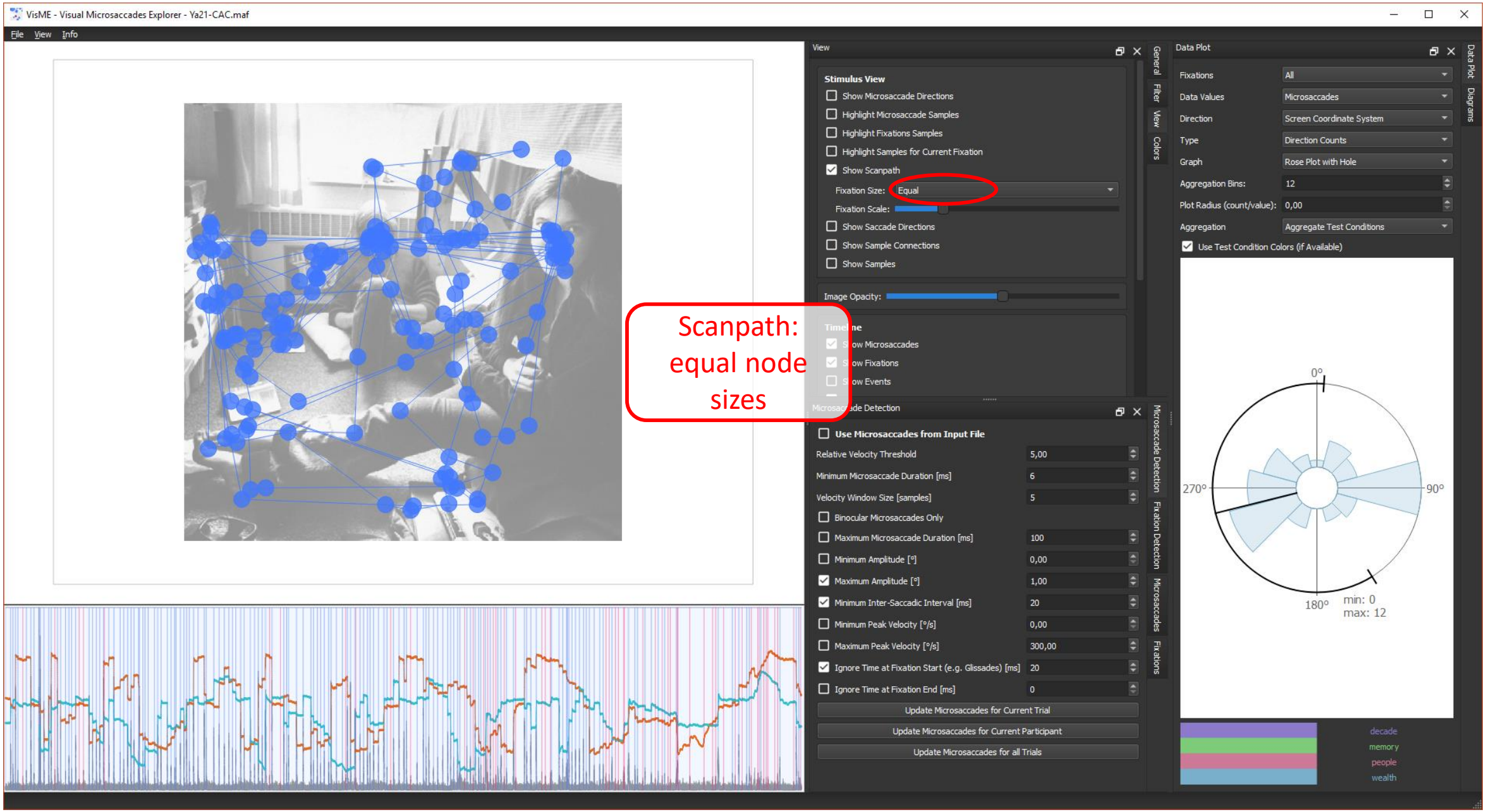

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General
Filter
View
Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations Current
Data Values Gaze Movement (Samples of Fixations)
Direction Screen Coordinate System
Type Directional Length
Graph Connected Scatterplot
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Directional gaze movement
0°
270°
90°
180°
min: 0
max: 0.087473°
decade
memory
people
wealth
Data Plot
Diagrams

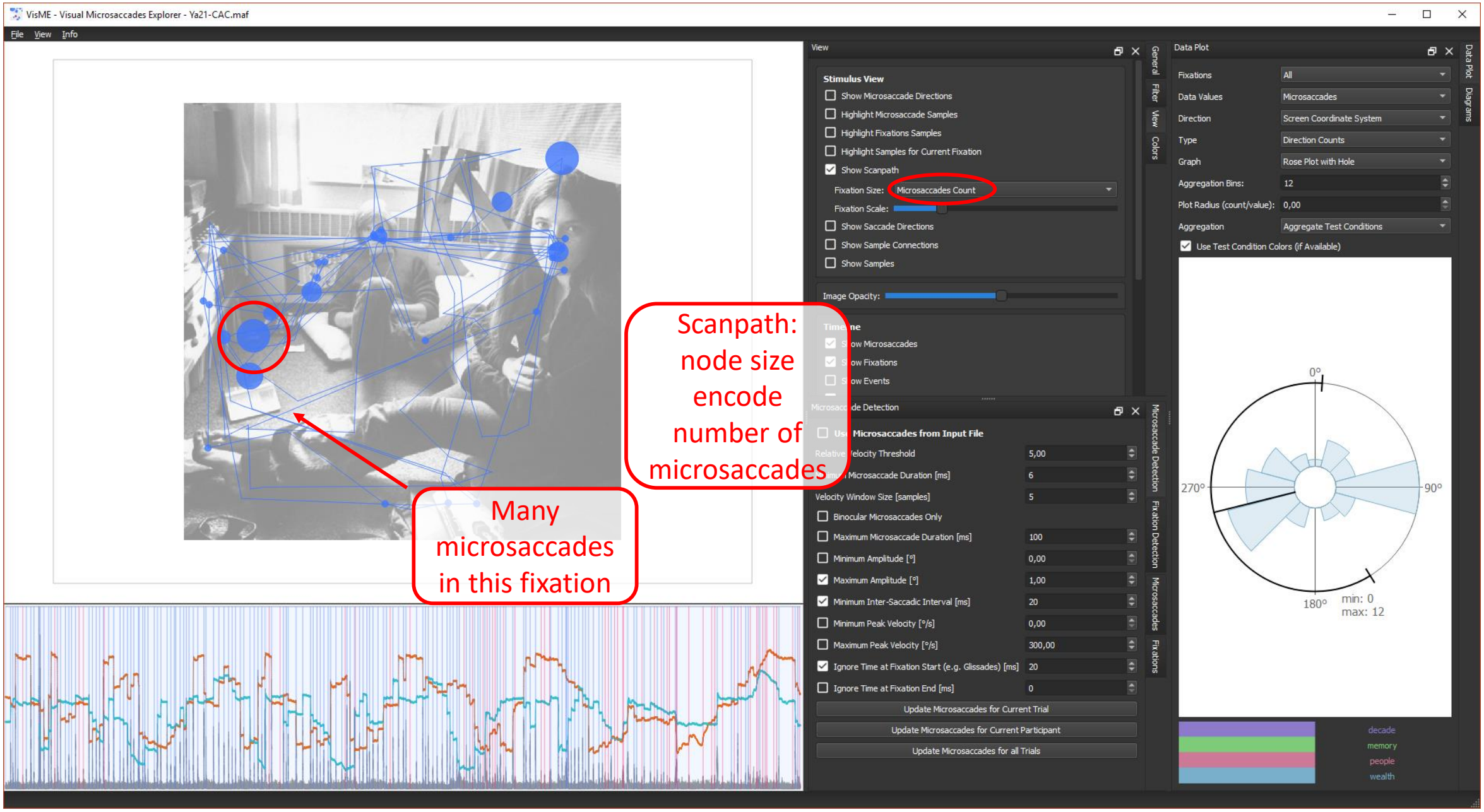

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General
Filter
View
Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations Current
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
Directional of microsaccade
0°
90°
180°
270°
min: 0
max: 1
decade
memory
people
wealth
Data Plot
Diagrams

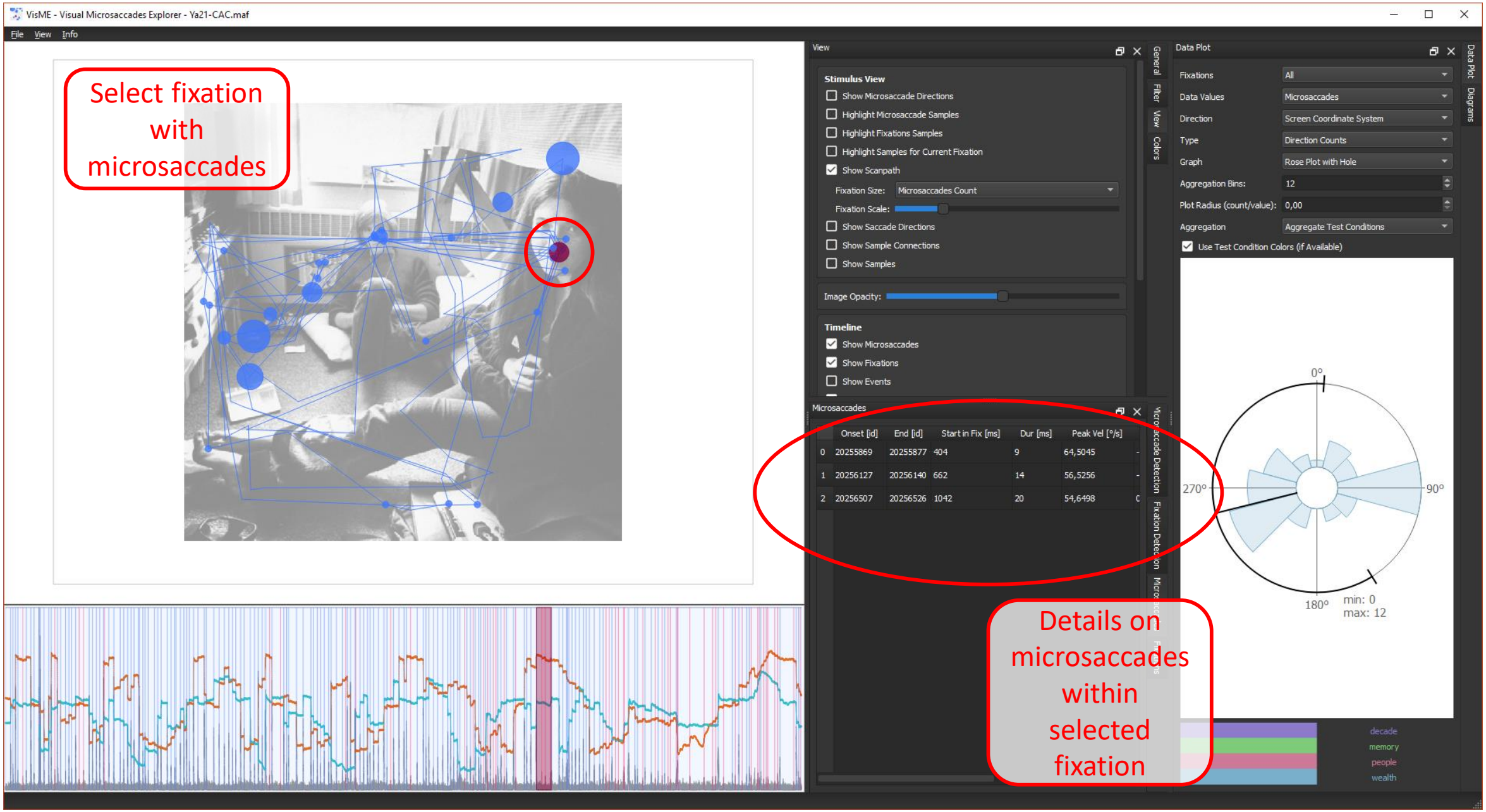

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Duration
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations Current
Data Values Microsaccades
Direction To Next Fixation
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Aggregate Test Conditions
Directional of microsaccades towards next fixation
0°
90°
180°
270°
min: 0
max: 1
decade
memory
people
wealth
Data Plot Diagrams

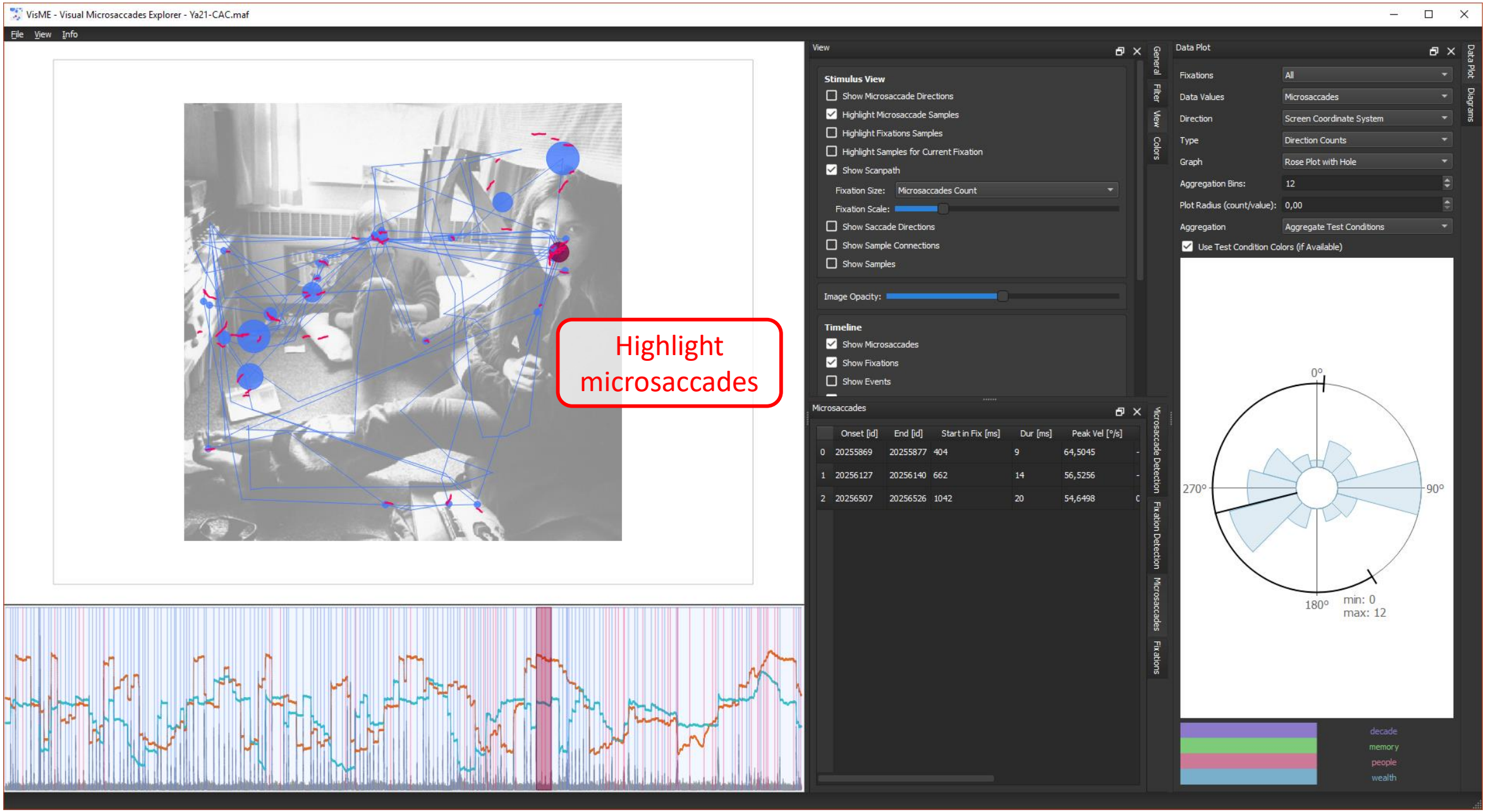


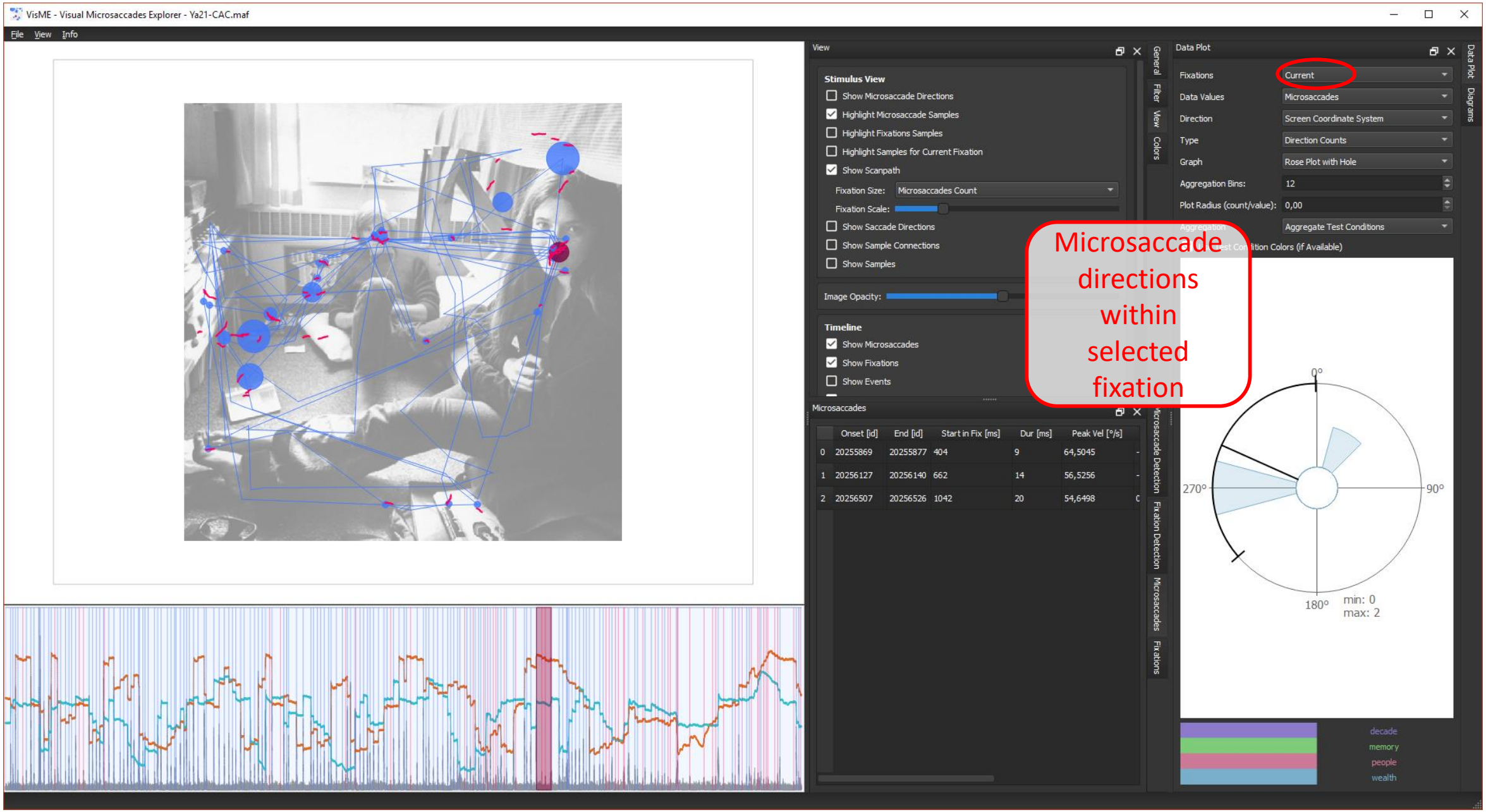
Scanpath: node size in relation to fixation duration

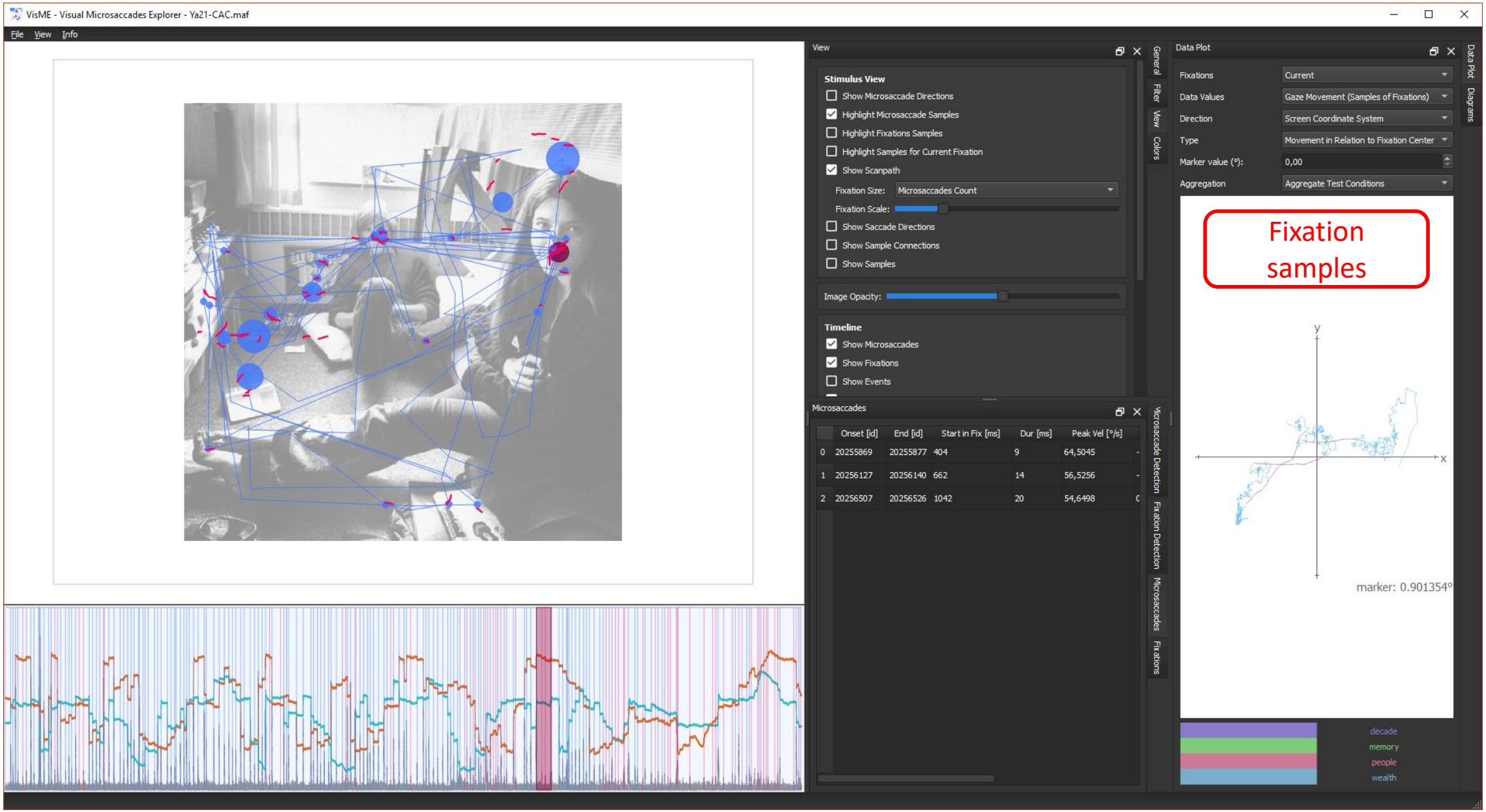

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Equal
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
Microsaccade Detection
Use Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
General
Filter
View
Colors
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 12
decade
memory
people
wealth
Data Plot
Diagrams
Scanpath: equal node sizes

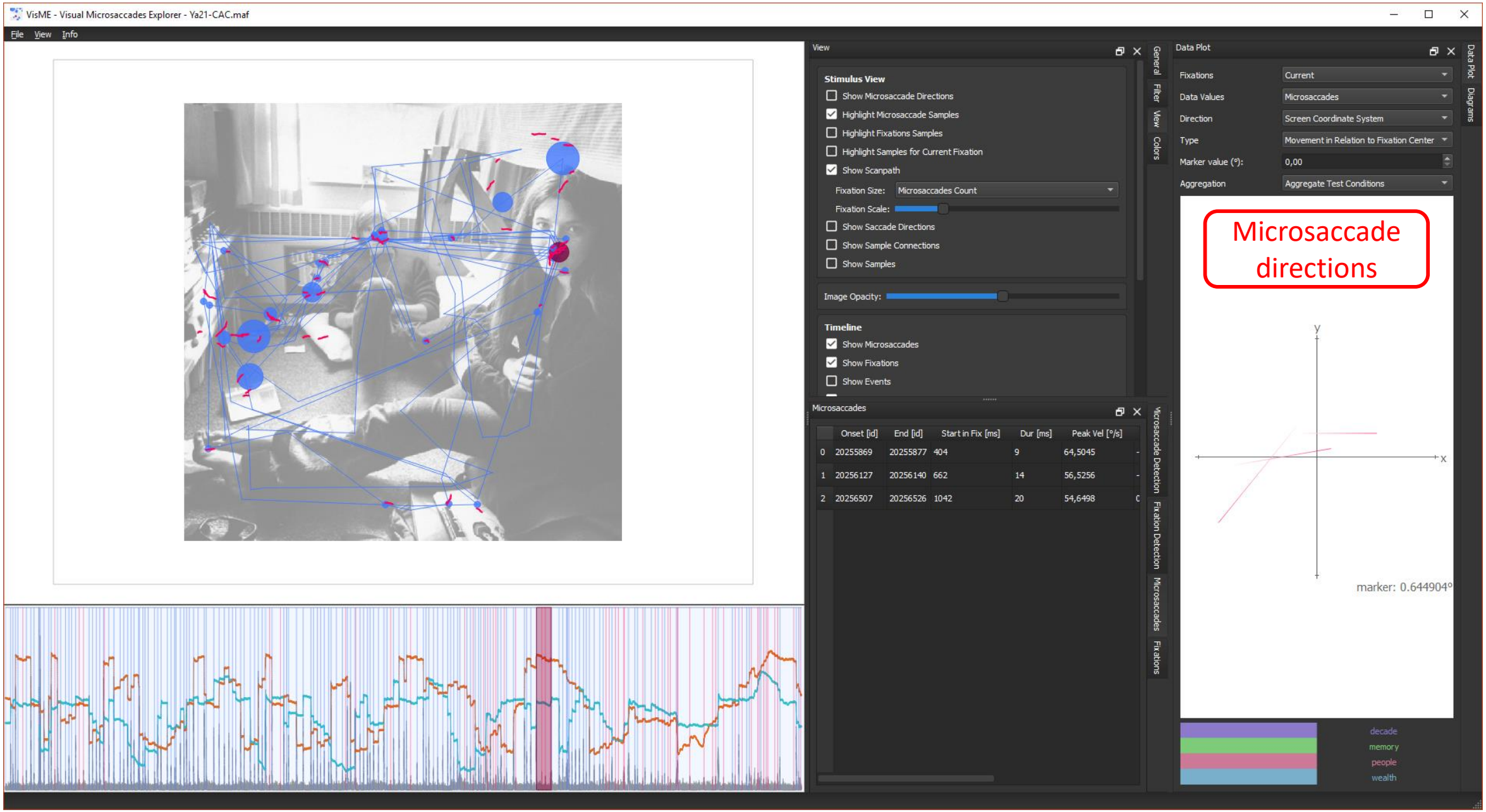

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Many microsaccades in this fixation
Scanpath: node size encode number of microsaccades
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
Microsaccade Detection
Microsaccades from Input File
Relative Velocity Threshold 5,00
Minimum Microsaccade Duration [ms] 6
Velocity Window Size [samples] 5
Binocular Microsaccades Only
Maximum Microsaccade Duration [ms] 100
Minimum Amplitude [°] 0,00
Maximum Amplitude [°] 1,00
Minimum Inter-Saccadic Interval [ms] 20
Minimum Peak Velocity [°/s] 0,00
Maximum Peak Velocity [°/s] 300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms] 20
Ignore Time at Fixation End [ms] 0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
General Filter View Colors
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 12
decade
memory
people
wealth
Data Plot Diagrams

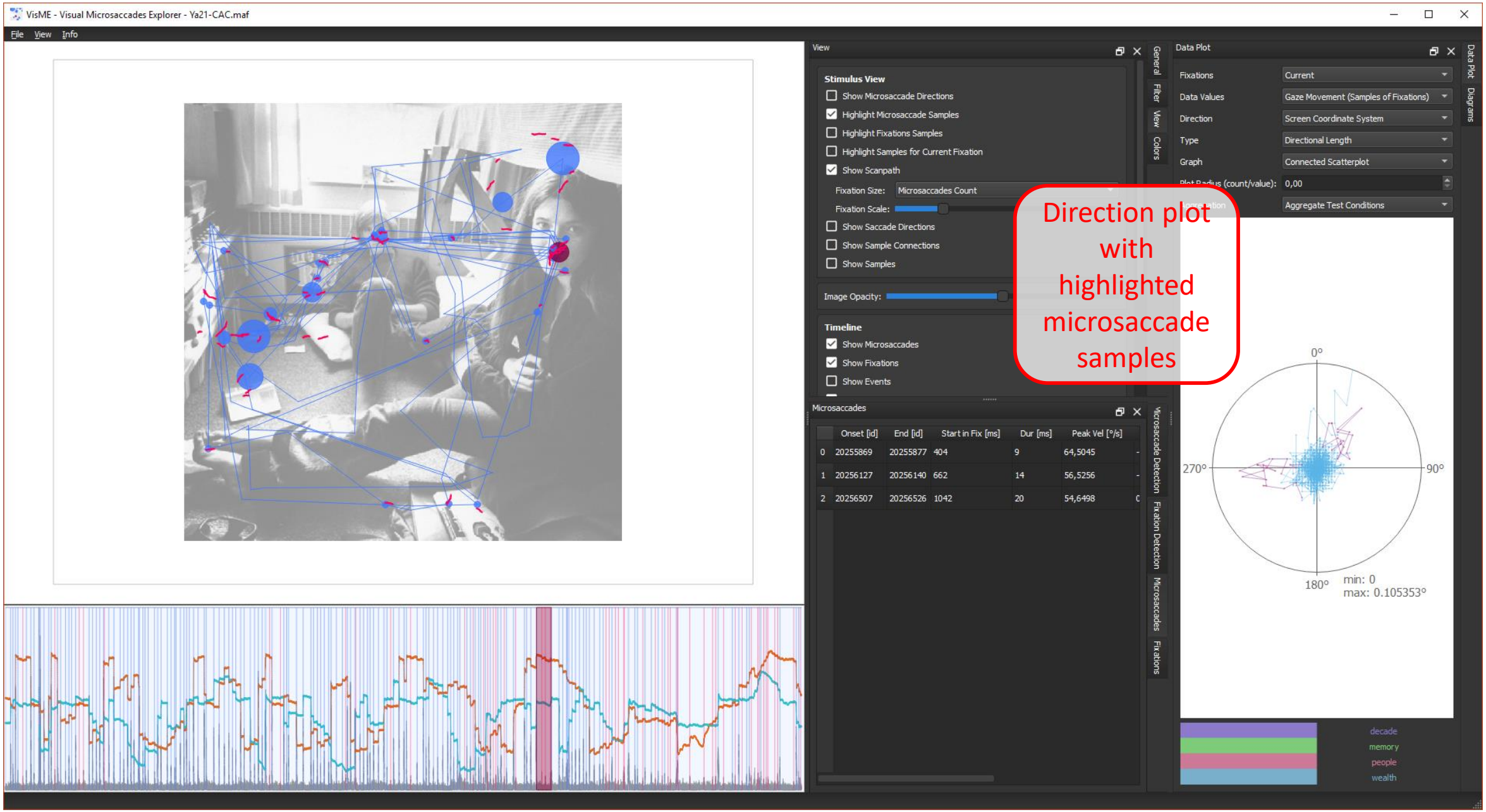

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Select fixation with microsaccades
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
Data Plot Diagrams
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
Microsaccade Detection Fixation Detection
0°
90°
180°
270°
min: 0
max: 12
decade
memory
people
wealth
Details on microsaccades within selected fixation

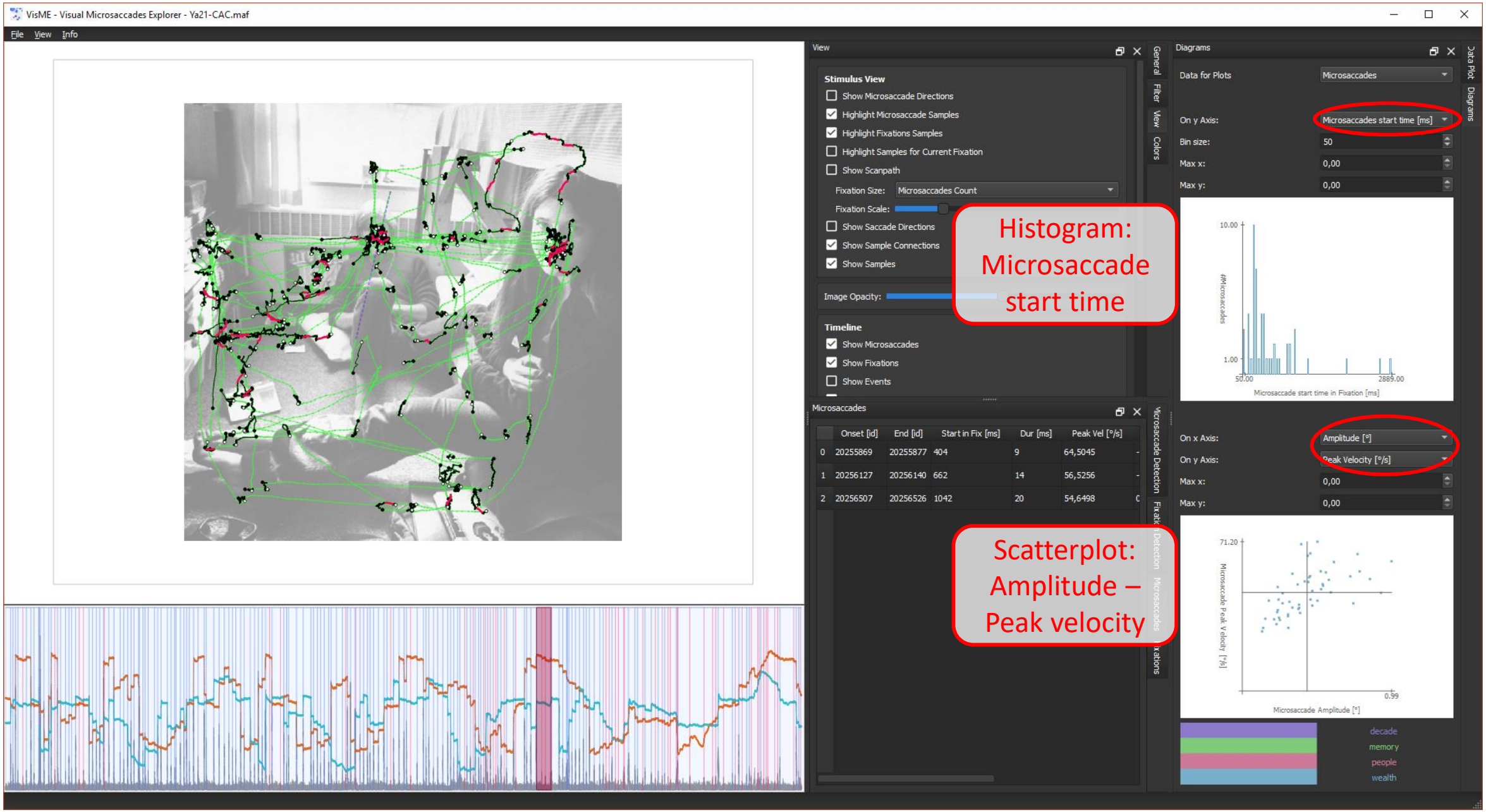

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Highlight microsaccades
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 12
decade
memory
people
wealth
Data Plot Diagrams

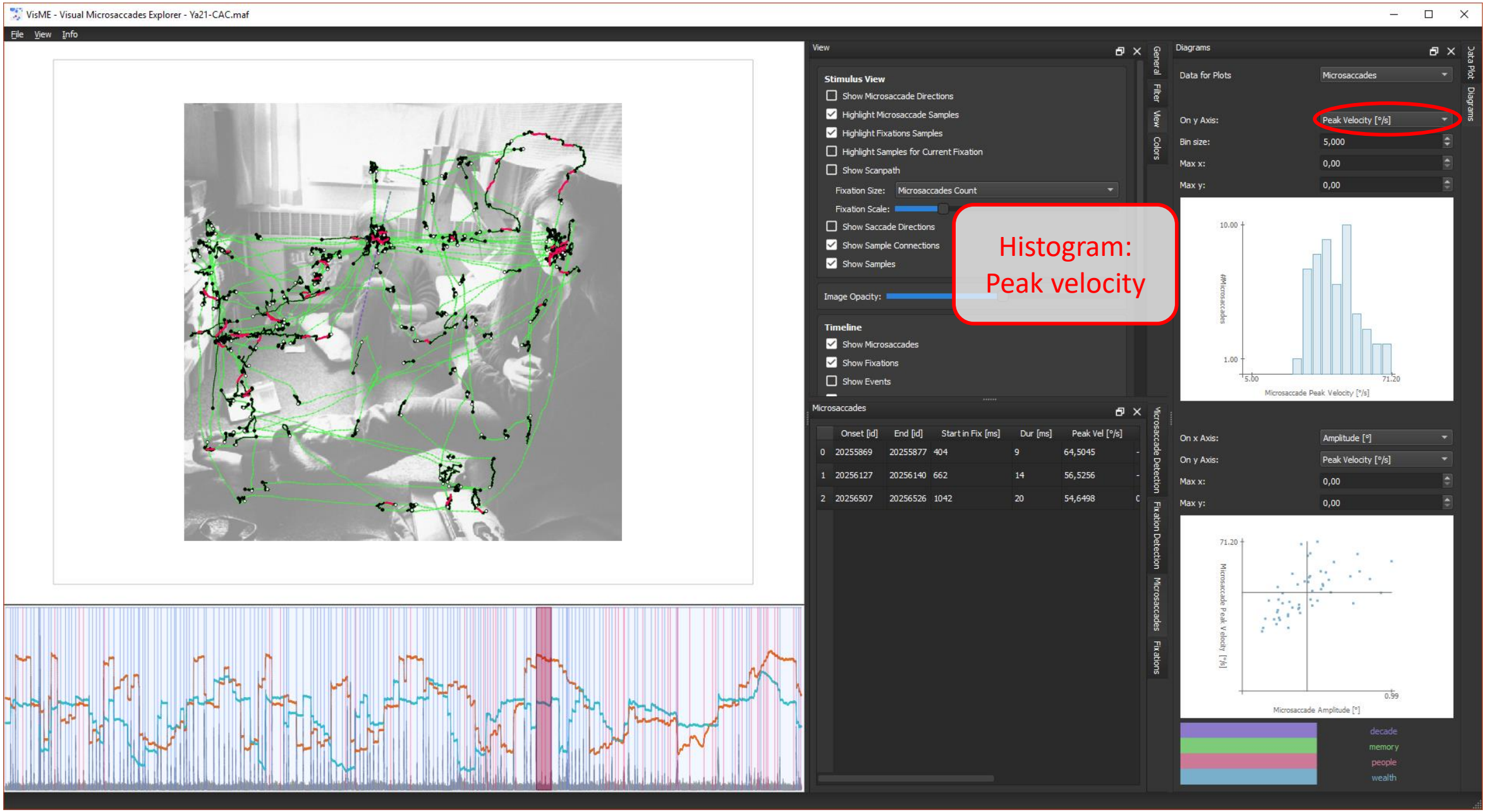

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Data Plot
Fixations Current
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Test Condition Colors (if Available)
Data Plot Diagrams
Microsaccade directions within selected fixation
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
Microsaccade Detection Fixation Detection Microsaccades Fixations
0°
90°
180°
270°
min: 0
max: 2
decade
memory
people
wealth

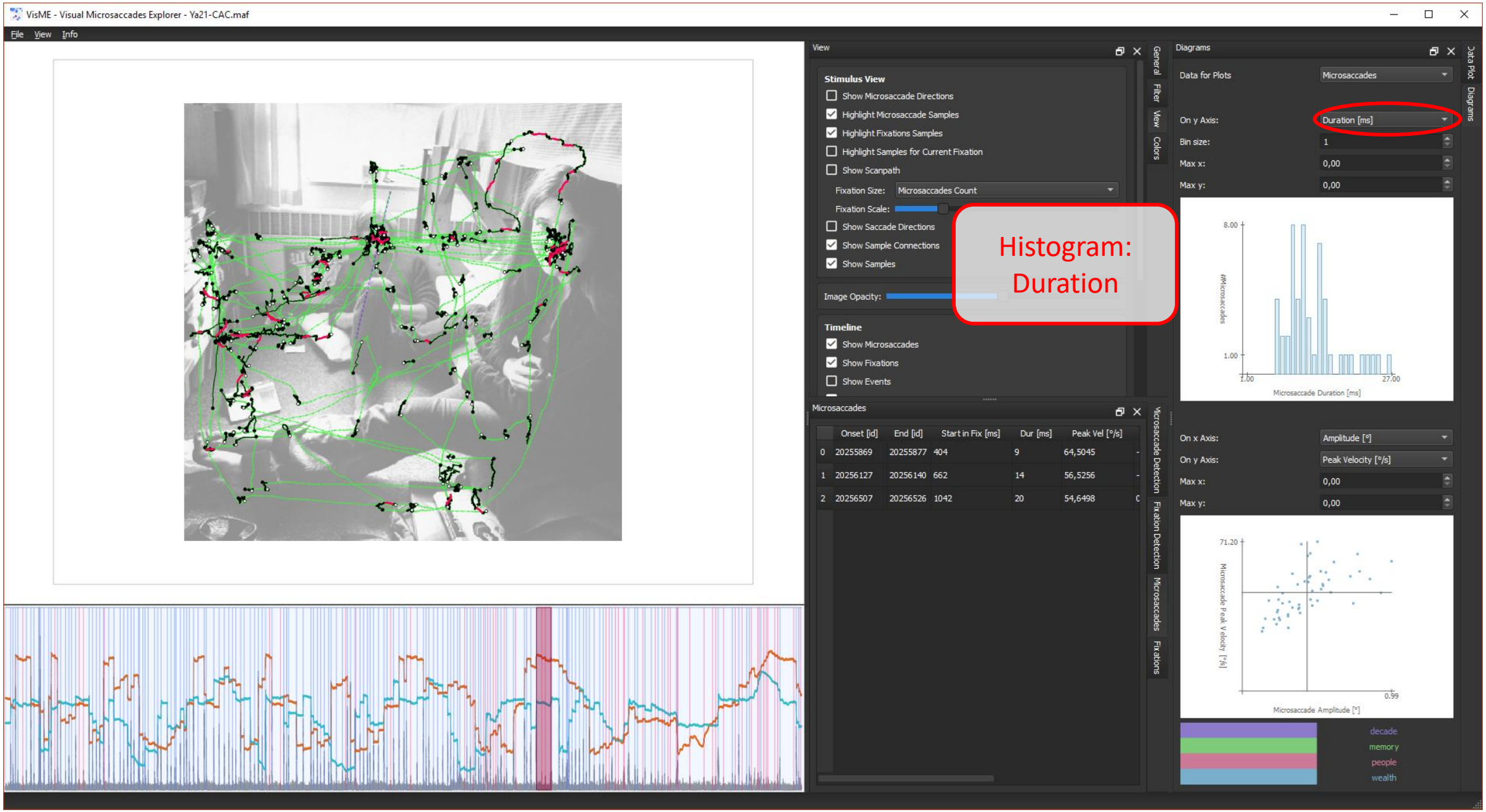

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations Current
Data Values Gaze Movement (Samples of Fixations)
Direction Screen Coordinate System
Type Movement in Relation to Fixation Center
Marker value (°): 0,00
Aggregation Aggregate Test Conditions
Fixation samples
y
x
marker: 0.901354°
decade
memory
people
wealth
Data Plot Diagrams

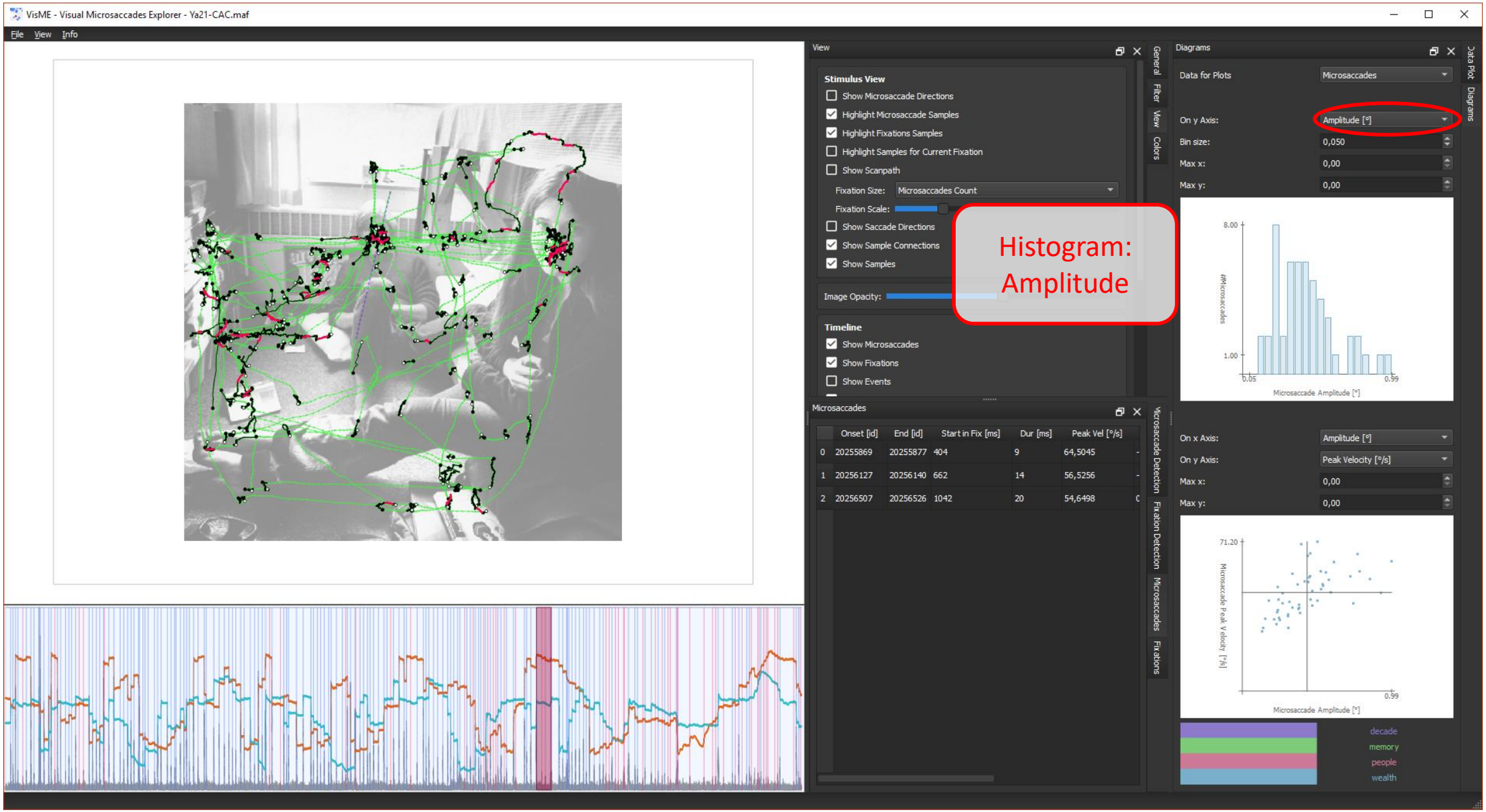

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
Microsaccade Detection Fixation Detection Microsaccades Fixations
Data Plot
Fixations Current
Data Values Microsaccades
Direction Screen Coordinate System
Type Movement in Relation to Fixation Center
Marker value (°): 0,00
Aggregation Aggregate Test Conditions
Microsaccade directions
y
x
marker: 0.644904°
decade
memory
people
wealth
Data Plot Diagrams

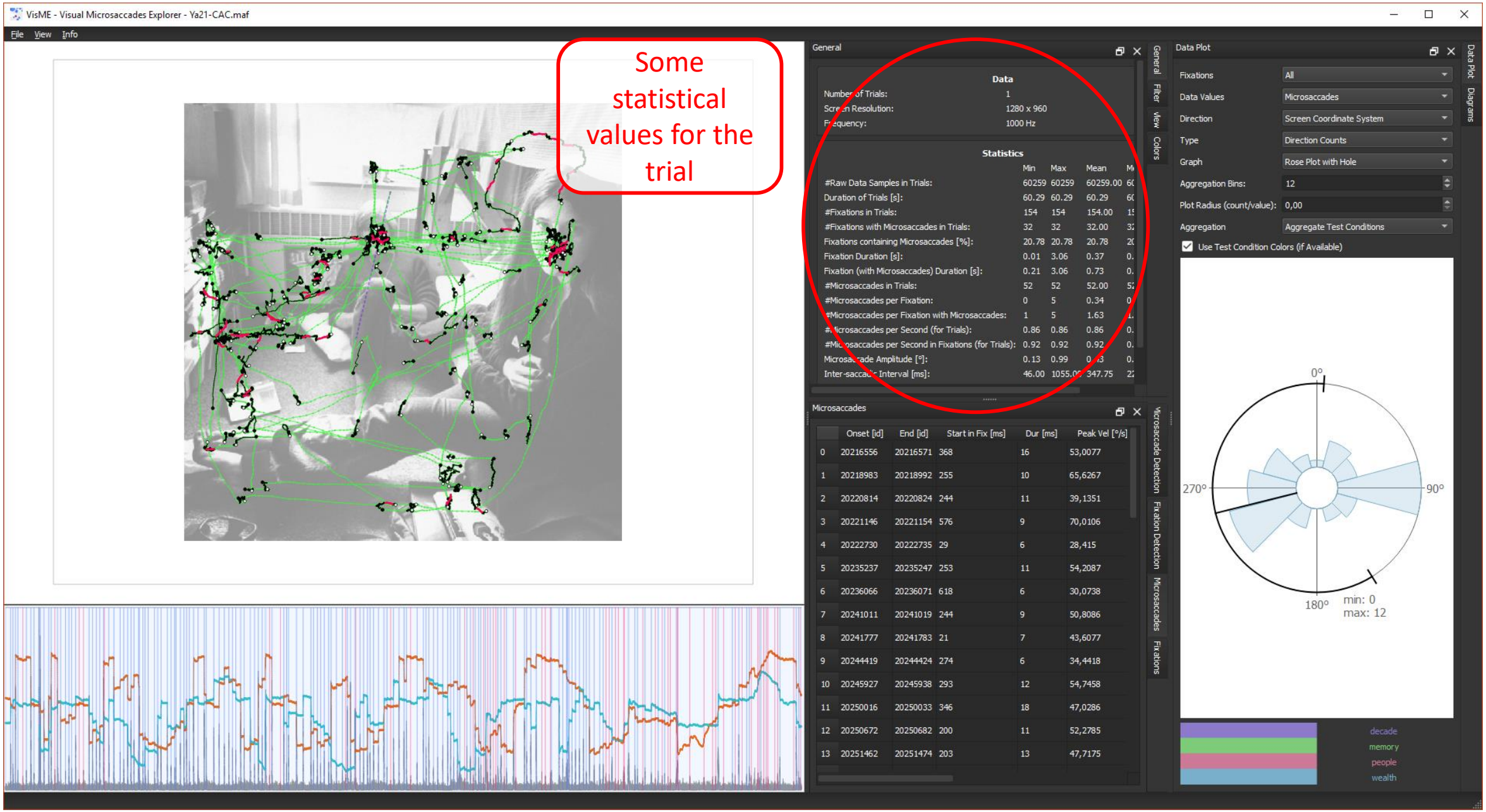

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Data Plot
Fixations Current
Data Values Gaze Movement (Samples of Fixations)
Direction Screen Coordinate System
Type Directional Length
Graph Connected Scatterplot
Plot Radius (count/value): 0,00
Aggregate Test Conditions
Data Plot Diagrams
Direction plot with highlighted microsaccade samples
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
Microsaccade Detection Fixation Detection Microsaccades Fixations
0°
90°
180°
270°
min: 0
max: 0.105353°
decade
memory
people
wealth

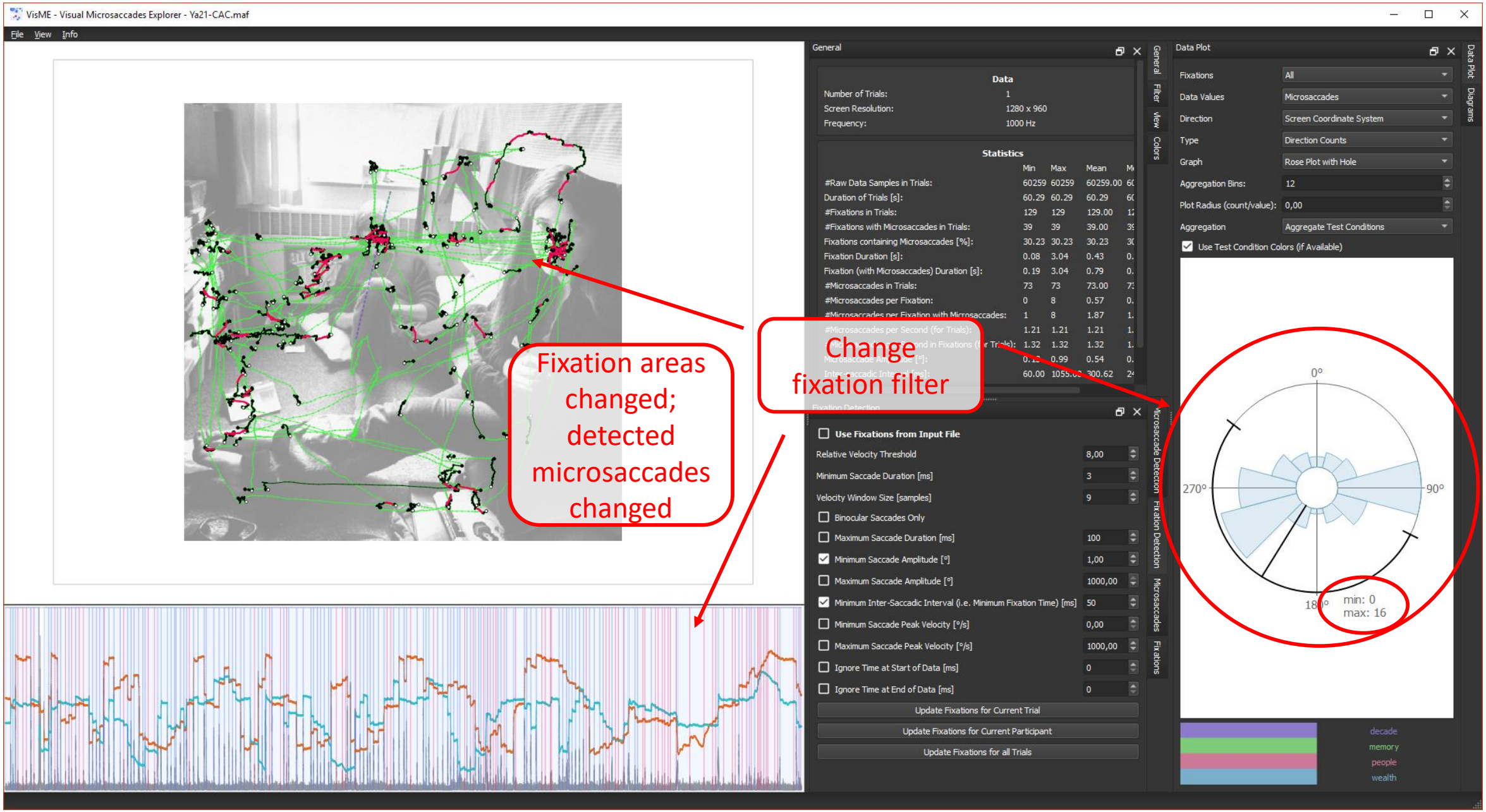

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Diagrams
Data for Plots Microsaccades
On y Axis: Microsaccades start time [ms]
Bin size: 50
Max x: 0,00
Max y: 0,00
10.00
#Microsaccades
1.00
50.00
2889.00
Microsaccade start time in Fixation [ms]
Histogram: Microsaccade start time
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
Microsaccade Detection Fixation Detection Microsaccades
On x Axis: Amplitude [°]
On y Axis: Peak Velocity [°/s]
Max x: 0,00
Max y: 0,00
71.20
Microsaccade Peak Velocity [°/s]
0.99
Microsaccade Amplitude [°]
Scatterplot: Amplitude – Peak velocity
decade
memory
people
wealth
Data Plot Diagrams


VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Diagrams
Data for Plots Microsaccades
On y Axis: Peak Velocity [°/s]
Bin size: 5,000
Max x: 0,00
Max y: 0,00
10.00
#Microsaccades
1.00
5.00
71.20
Microsaccade Peak Velocity [°/s]
Histogram:
Peak velocity
Data Plot Diagrams
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
Microsaccade Detection Fixation Detection Microsaccades Fixations
On x Axis: Amplitude [°]
On y Axis: Peak Velocity [°/s]
Max x: 0,00
Max y: 0,00
71.20
Microsaccade Peak Velocity [°/s]
0.99
Microsaccade Amplitude [°]
decade
memory
people
wealth

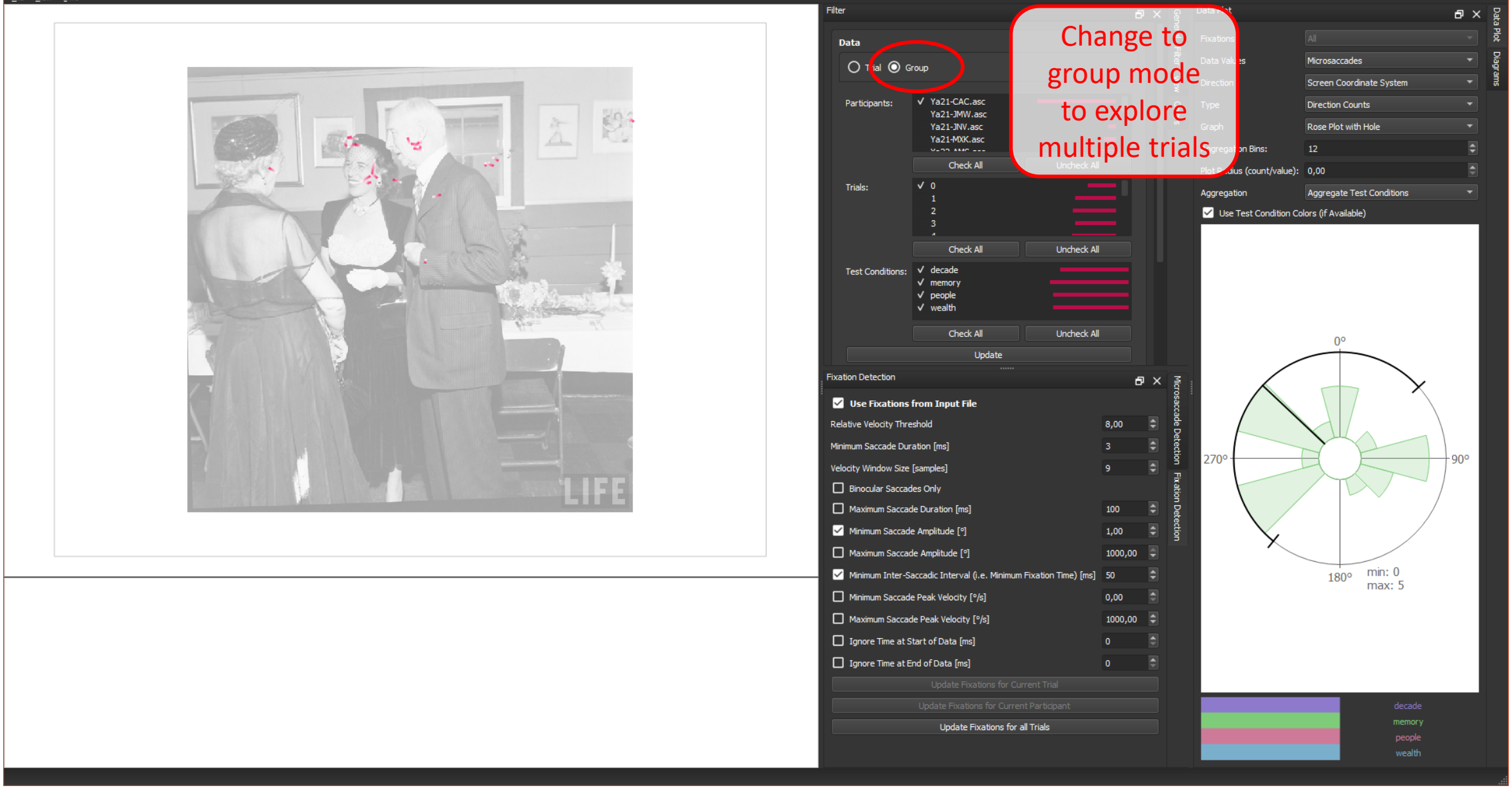

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
General Filter View Colors
Diagrams
Data for Plots Microsaccades
On y Axis: Duration [ms]
Bin size: 1
Max x: 0,00
Max y: 0,00
8.00
1.00
#Microsaccades
1.00
27.00
Microsaccade Duration [ms]
Histogram: Duration
On x Axis: Amplitude [°]
On y Axis: Peak Velocity [°/s]
Max x: 0,00
Max y: 0,00
71.20
Microsaccade Peak Velocity [°/s]
0.99
Microsaccade Amplitude [°]
decade
memory
people
wealth
Data Plot Diagrams
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
Microsaccade Detection Fixation Detection Microsaccades Fixations

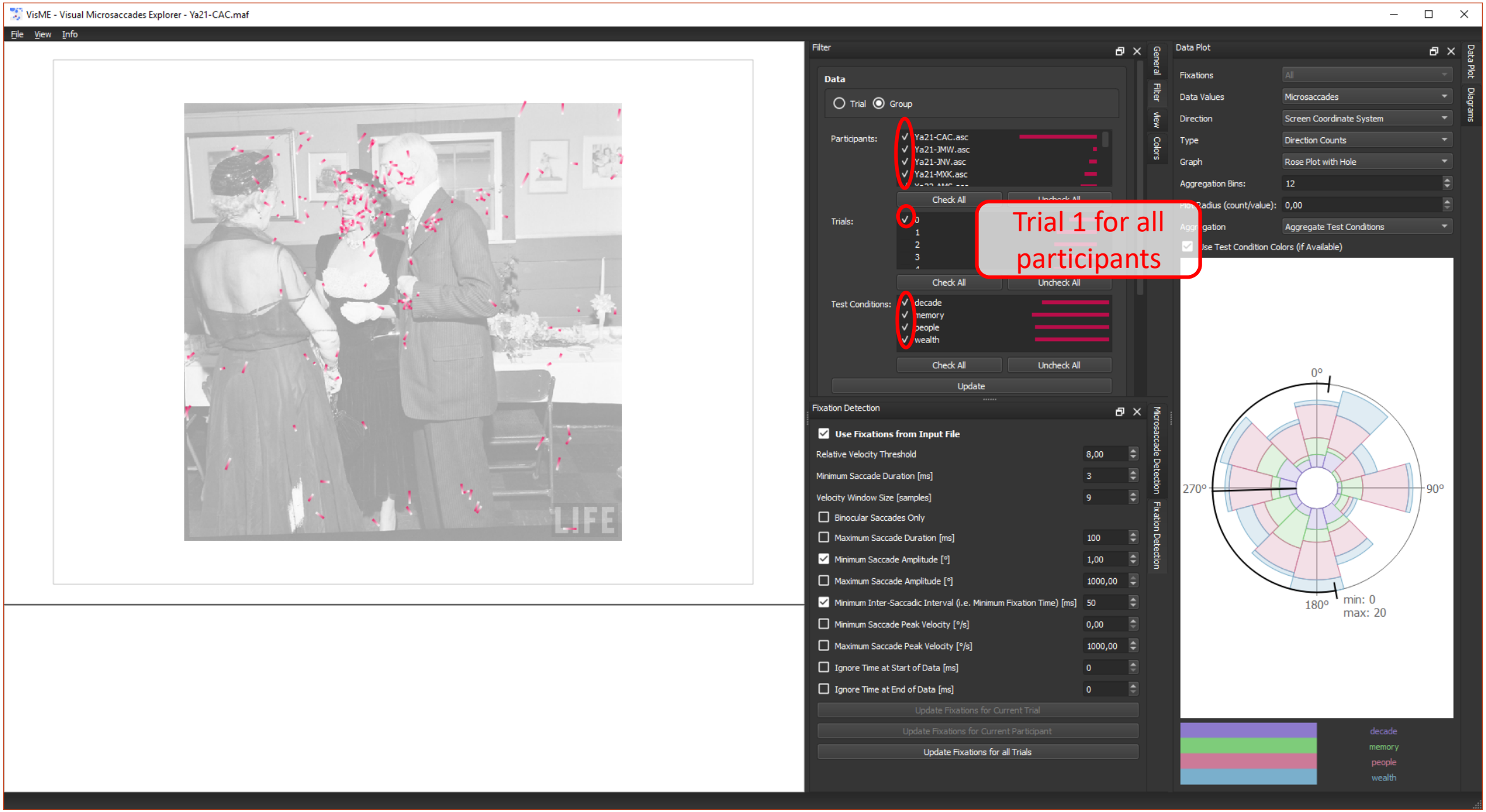

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
View
Stimulus View
Show Microsaccade Directions
Highlight Microsaccade Samples
Highlight Fixations Samples
Highlight Samples for Current Fixation
Show Scanpath
Fixation Size: Microsaccades Count
Fixation Scale:
Show Saccade Directions
Show Sample Connections
Show Samples
Image Opacity:
Timeline
Show Microsaccades
Show Fixations
Show Events
Histogram: Amplitude
Diagrams
Data for Plots: Microsaccades
On y Axis: Amplitude [°]
Bin size: 0,050
Max x: 0,00
Max y: 0,00
8.00
1.00
#Microsaccades
0.05
0.99
Microsaccade Amplitude [°]
On x Axis: Amplitude [°]
On y Axis: Peak Velocity [°/s]
Max x: 0,00
Max y: 0,00
71.20
Microsaccade Peak Velocity [°/s]
0.99
Microsaccade Amplitude [°]
decade
memory
people
wealth
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20255869 20255877 404 9 64,5045
1 20256127 20256140 662 14 56,5256
2 20256507 20256526 1042 20 54,6498
General Filter View Colors
Data Plot Diagrams
Microsaccade Detection Fixation Detection Microsaccades Fixations

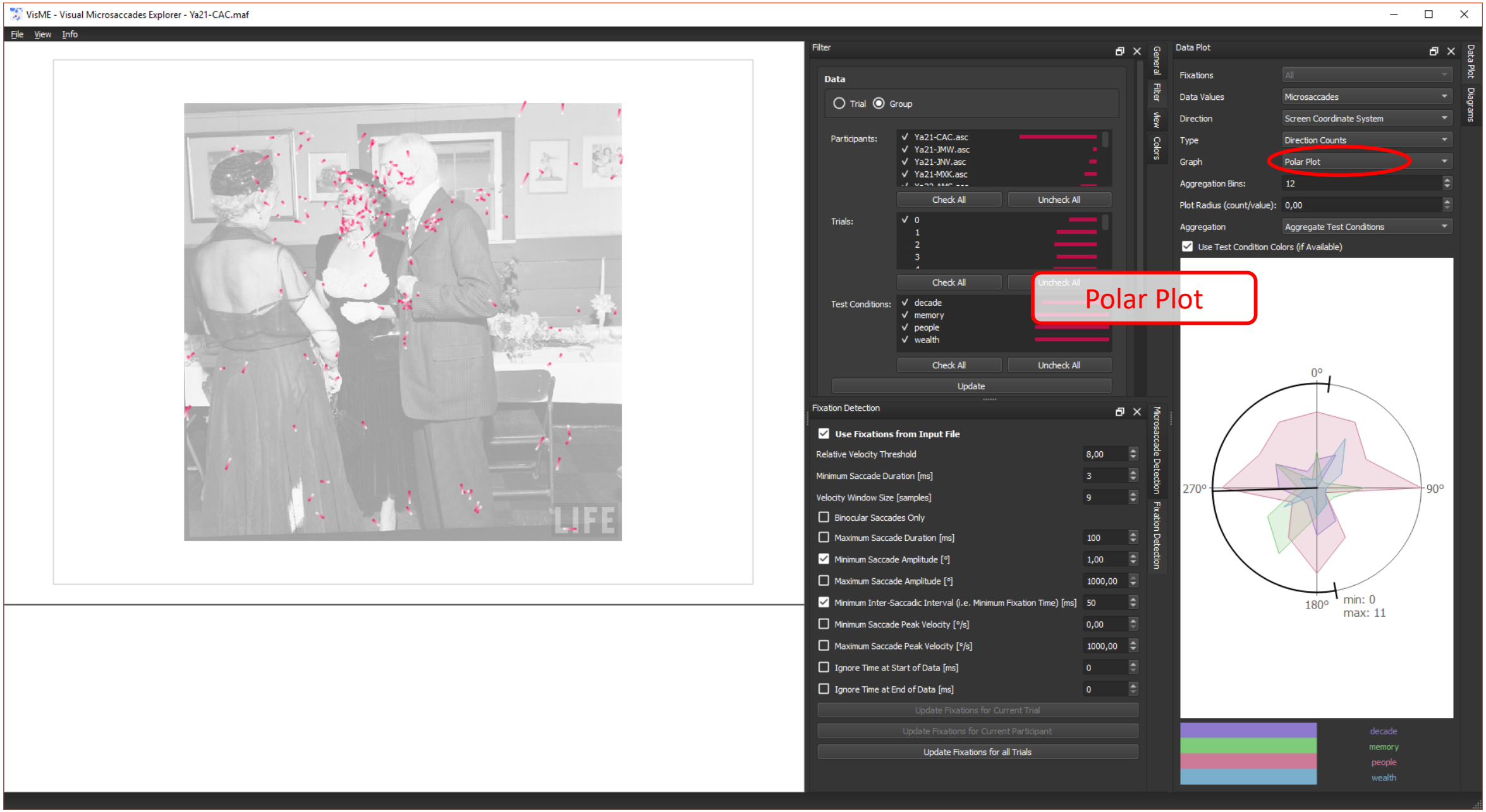

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Some statistical values for the trial
General
Data
Number of Trials: 1
Screen Resolution: 1280 x 960
Frequency: 1000 Hz
Statistics
Min Max Mean
#Raw Data Samples in Trials: 60259 60259 60259.00
Duration of Trials [s]: 60.29 60.29 60.29
#Fixations in Trials: 154 154 154.00
#Fixations with Microsaccades in Trials: 32 32 32.00
Fixations containing Microsaccades [%]: 20.78 20.78 20.78
Fixation Duration [s]: 0.01 3.06 0.37
Fixation (with Microsaccades) Duration [s]: 0.21 3.06 0.73
#Microsaccades in Trials: 52 52 52.00
#Microsaccades per Fixation: 0 5 0.34
#Microsaccades per Fixation with Microsaccades: 1 5 1.63
#Microsaccades per Second (for Trials): 0.86 0.86 0.86
#Microsaccades per Second in Fixations (for Trials): 0.92 0.92 0.92
Microsaccade Amplitude [°]: 0.13 0.99
Inter-saccadic Interval [ms]: 46.00 347.75
Microsaccades
Onset [id] End [id] Start in Fix [ms] Dur [ms] Peak Vel [°/s]
0 20216556 20216571 368 16 53,0077
1 20218983 20218992 255 10 65,6267
2 20220814 20220824 244 11 39,1351
3 20221146 20221154 576 9 70,0106
4 20222730 20222735 29 6 28,415
5 20235237 20235247 253 11 54,2087
6 20236066 20236071 618 6 30,0738
7 20241011 20241019 244 9 50,8086
8 20241777 20241783 21 7 43,6077
9 20244419 20244424 274 6 34,4418
10 20245927 20245938 293 12 54,7458
11 20250016 20250033 346 18 47,0286
12 20250672 20250682 200 11 52,2785
13 20251462 20251474 203 13 47,7175
General
Filter
View
Colors
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 12
decade
memory
people
wealth
Data Plot
Diagrams

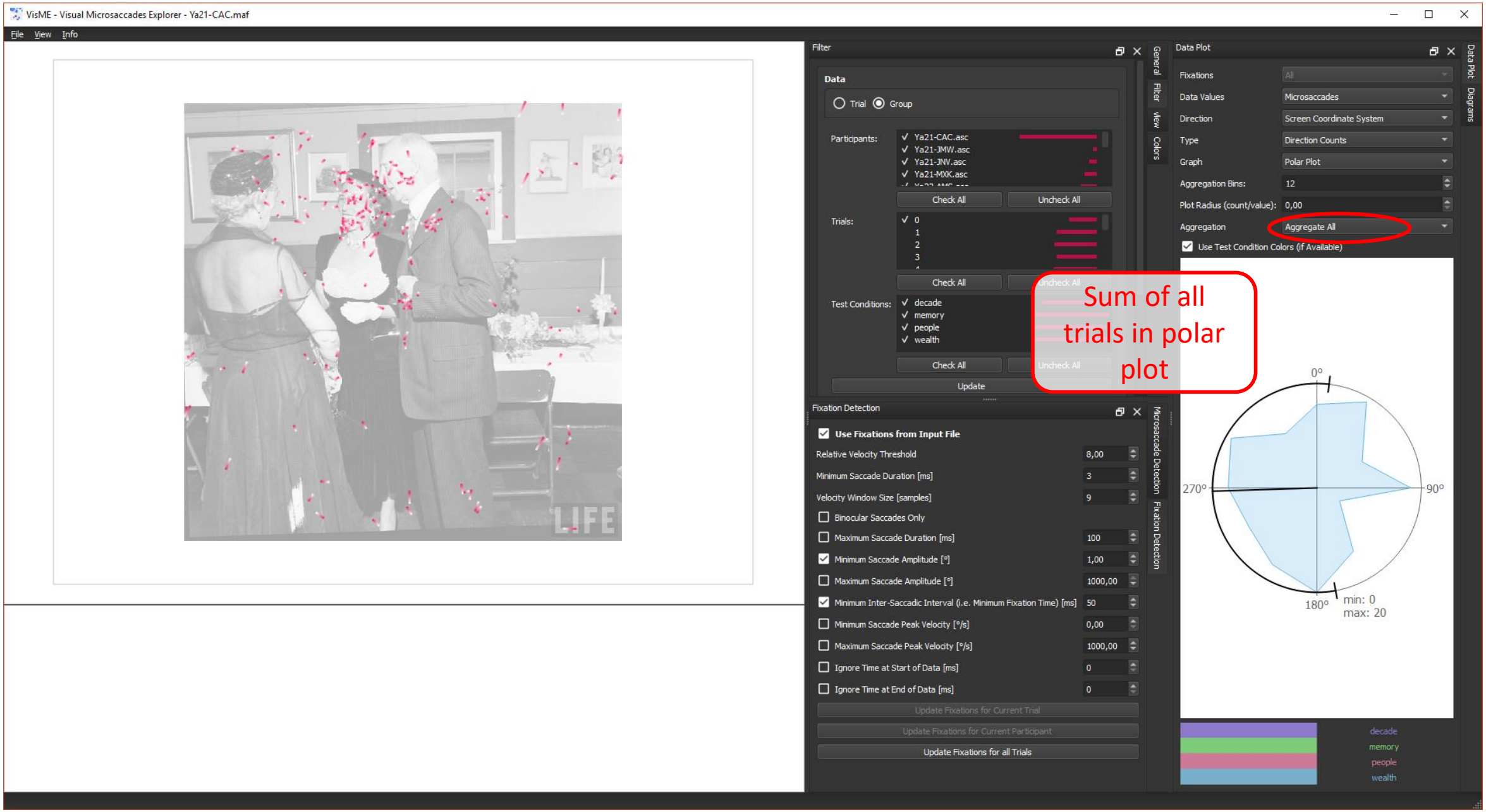

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
General
Data
Number of Trials: 1
Screen Resolution: 1280 x 960
Frequency: 1000 Hz
Statistics
Min Max Mean
#Raw Data Samples in Trials: 60259 60259 60259.00
Duration of Trials [s]: 60.29 60.29 60.29
#Fixations in Trials: 129 129 129.00
#Fixations with Microsaccades in Trials: 39 39 39.00
Fixations containing Microsaccades [%]: 30.23 30.23 30.23
Fixation Duration [s]: 0.08 3.04 0.43
Fixation (with Microsaccades) Duration [s]: 0.19 3.04 0.79
#Microsaccades in Trials: 73 73 73.00
#Microsaccades per Fixation: 0 8 0.57
#Microsaccades per Fixation with Microsaccades: 1 8 1.87
#Microsaccades per Second (for Trials): 1.21 1.21 1.21
Microsaccade Amplitude [°]: 0.54
Inter-Saccadic Interval [ms]: 300.62
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
General
Filter
View
Colors
Microsaccade Detection
Fixation Detection
Microsaccades
Fixations
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 16
decade
memory
people
wealth
Data Plot
Diagrams
Fixation areas changed; detected microsaccades changed
Change fixation filter

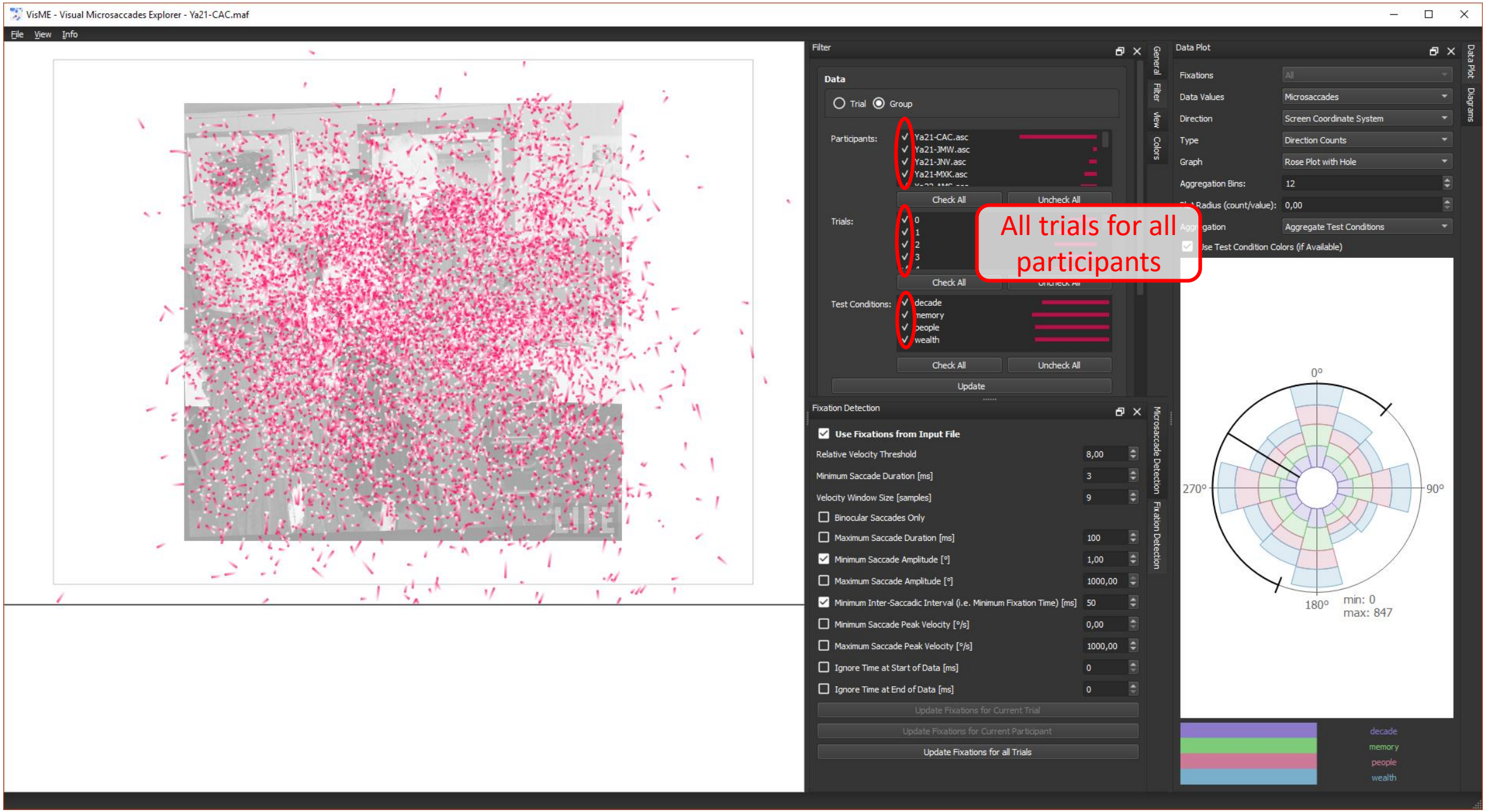
Multiple Trials Exploration

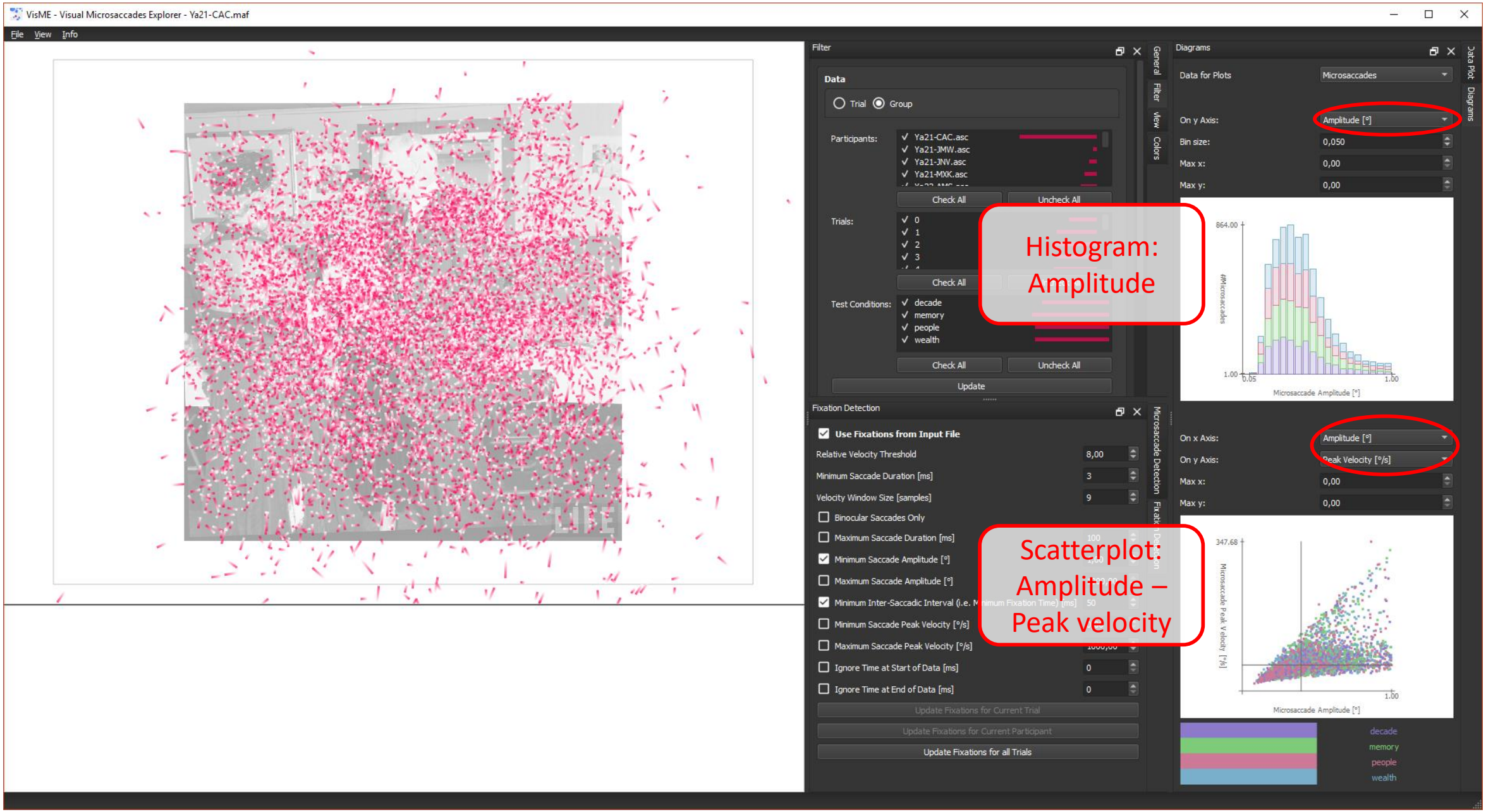

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
LIFE
Filter
Data
Trial
Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Check All
Uncheck All
Test Conditions:
decade
memory
people
wealth
Check All
Uncheck All
Update
Change to group mode to explore multiple trials
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Microsaccade Detection
Fixation Detection
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 5
decade
memory
people
wealth
Diagrams

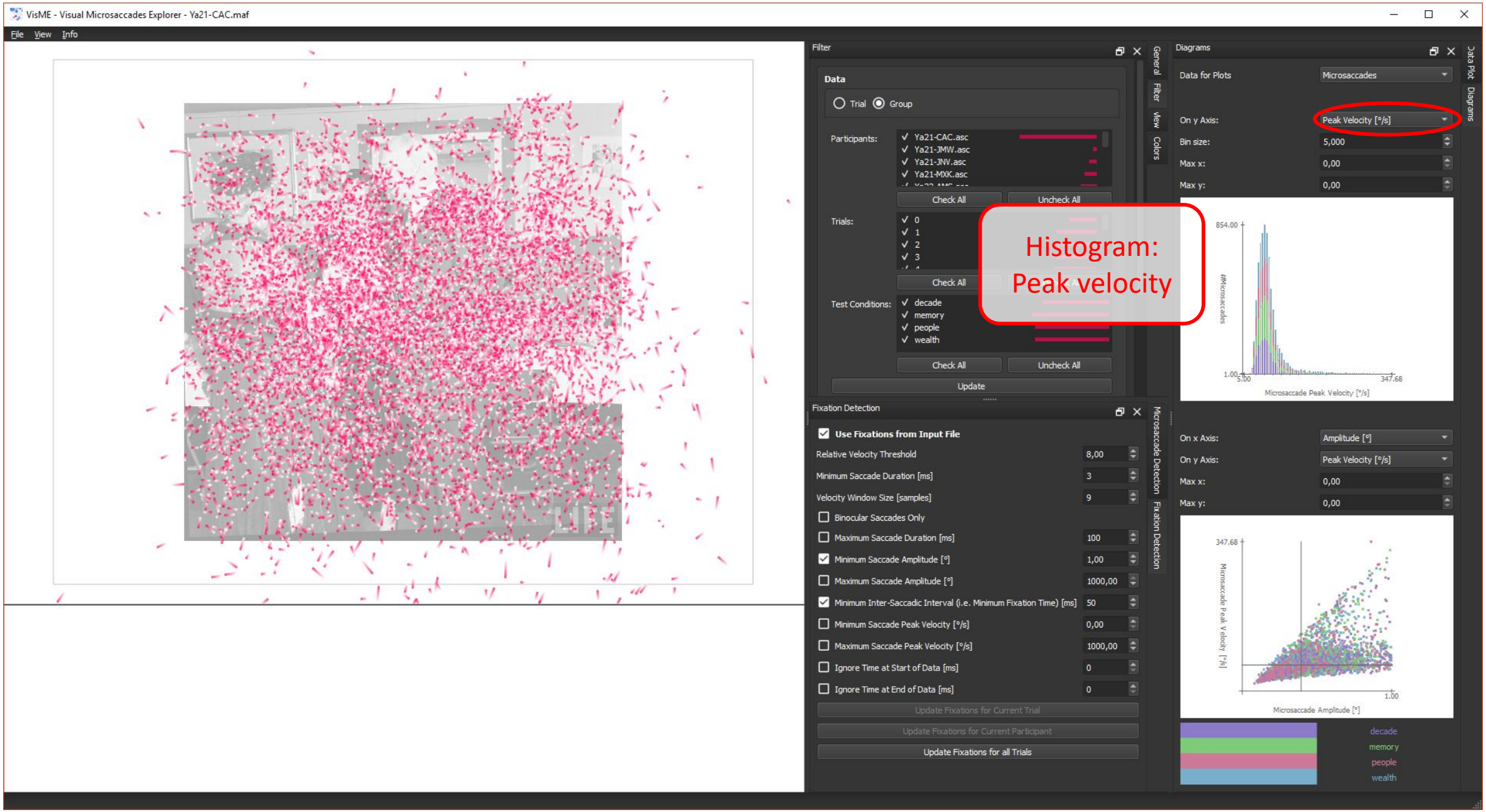

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Trials:
0
1
2
3
Check All Uncheck All
Test Conditions:
decade
memory
people
wealth
Check All Uncheck All
Update
Trial 1 for all participants
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 20
decade
memory
people
wealth
General
Filter
View
Colors
Microsaccade Detection
Fixation Detection
Data Plot
Diagrams

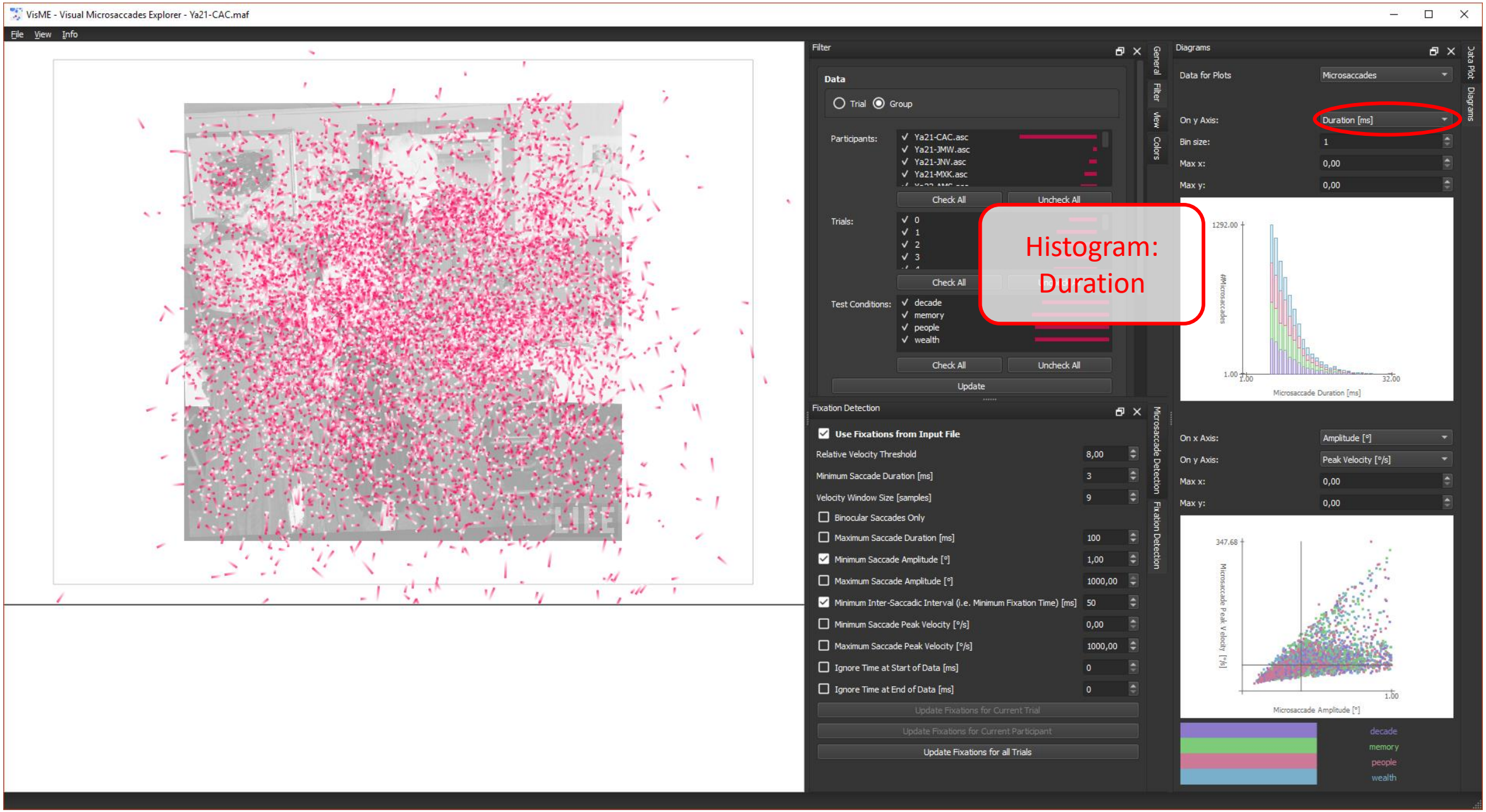

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Test Conditions:
decade
memory
people
wealth
Update
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Polar Plot
Aggregation Bins: 12
Plot Radius (count/value): 0,00
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
Polar Plot
0°
90°
180°
270°
min: 0
max: 11
decade
memory
people
wealth
General
Filter
View
Colors
Microsaccade Detection
Fixation Detection
Data Plot
Diagrams

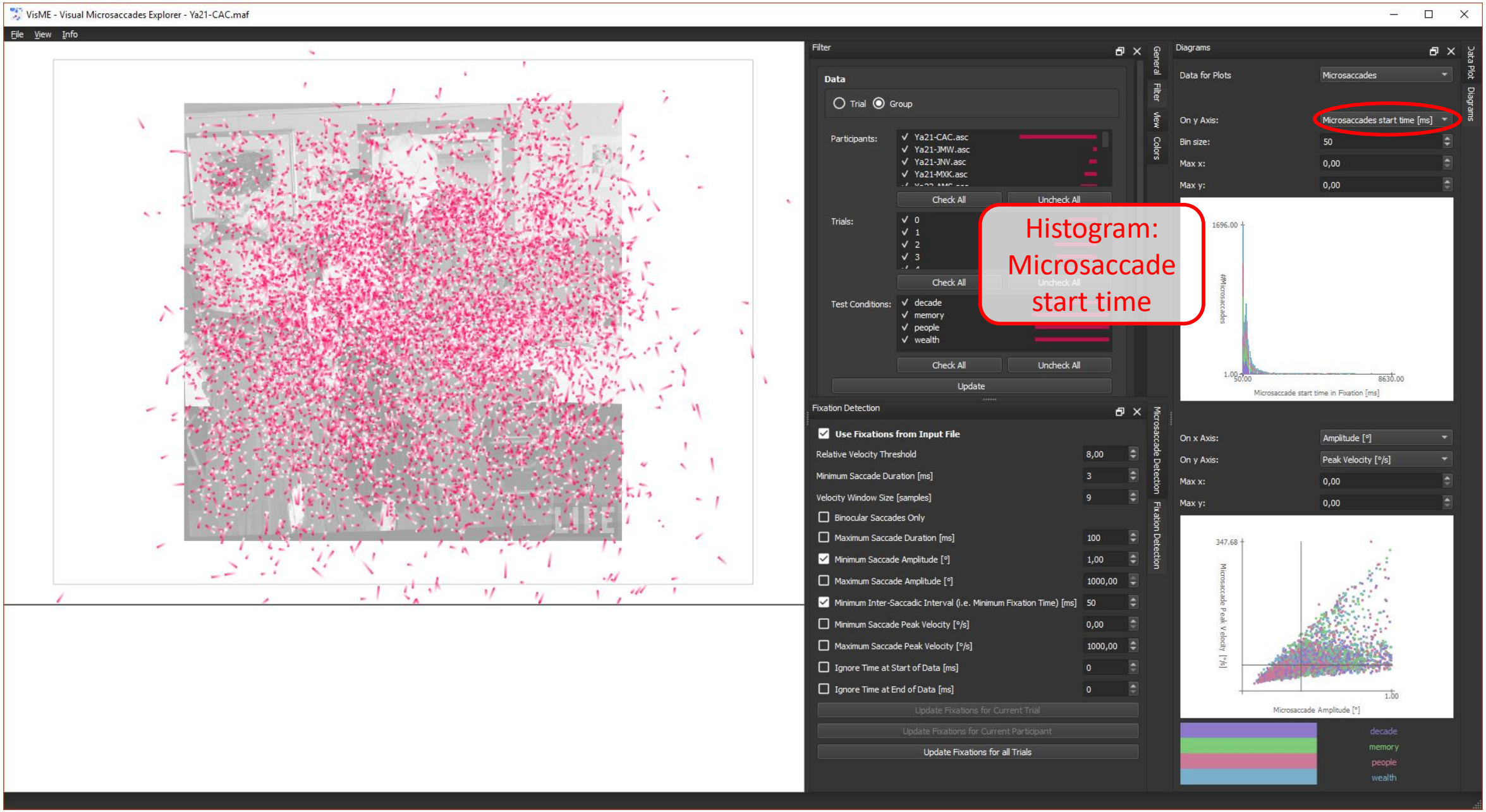

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Test Conditions:
decade
memory
people
wealth
Update
General
Filter
View
Colors
Data Plot
Fixations
All
Data Values
Microsaccades
Direction
Screen Coordinate System
Type
Direction Counts
Graph
Polar Plot
Aggregation Bins:
12
Plot Radius (count/value):
0,00
Aggregation
Aggregate All
Use Test Condition Colors (if Available)
Sum of all trials in polar plot
0°
90°
180°
270°
min: 0
max: 20
decade
memory
people
wealth
Data Plot
Diagrams
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold
8,00
Minimum Saccade Duration [ms]
3
Velocity Window Size [samples]
9
Binocular Saccades Only
Maximum Saccade Duration [ms]
100
Minimum Saccade Amplitude [°]
1,00
Maximum Saccade Amplitude [°]
1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms]
50
Minimum Saccade Peak Velocity [°/s]
0,00
Maximum Saccade Peak Velocity [°/s]
1000,00
Ignore Time at Start of Data [ms]
0
Ignore Time at End of Data [ms]
0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Microsaccade Detection
Fixation Detection

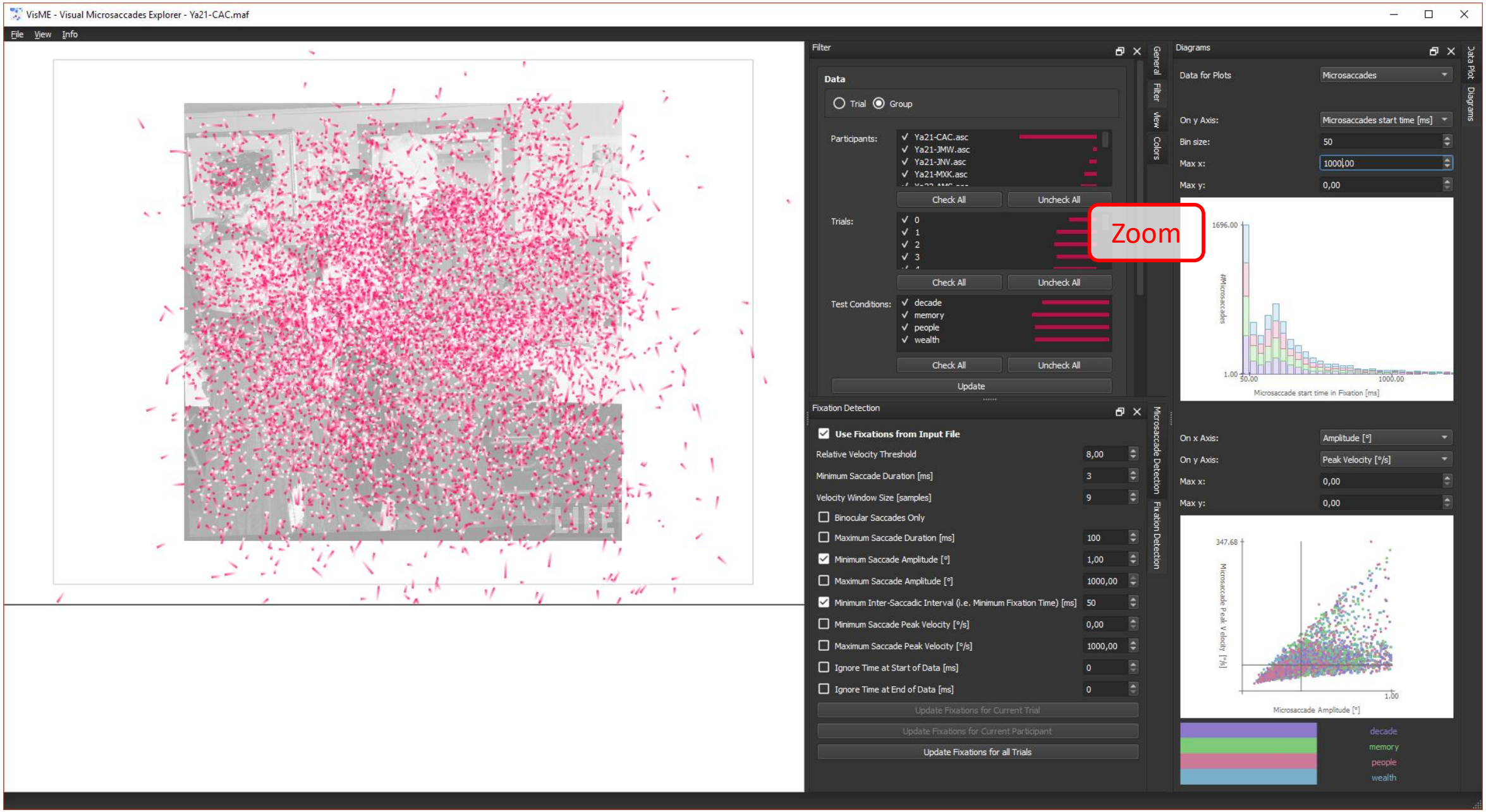

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Test Conditions:
decade
memory
people
wealth
Update
All trials for all participants
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Aggregation Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 847
decade
memory
people
wealth
General
Filter
View
Colors
Microsaccade Detection
Fixation Detection
Data Plot
Diagrams

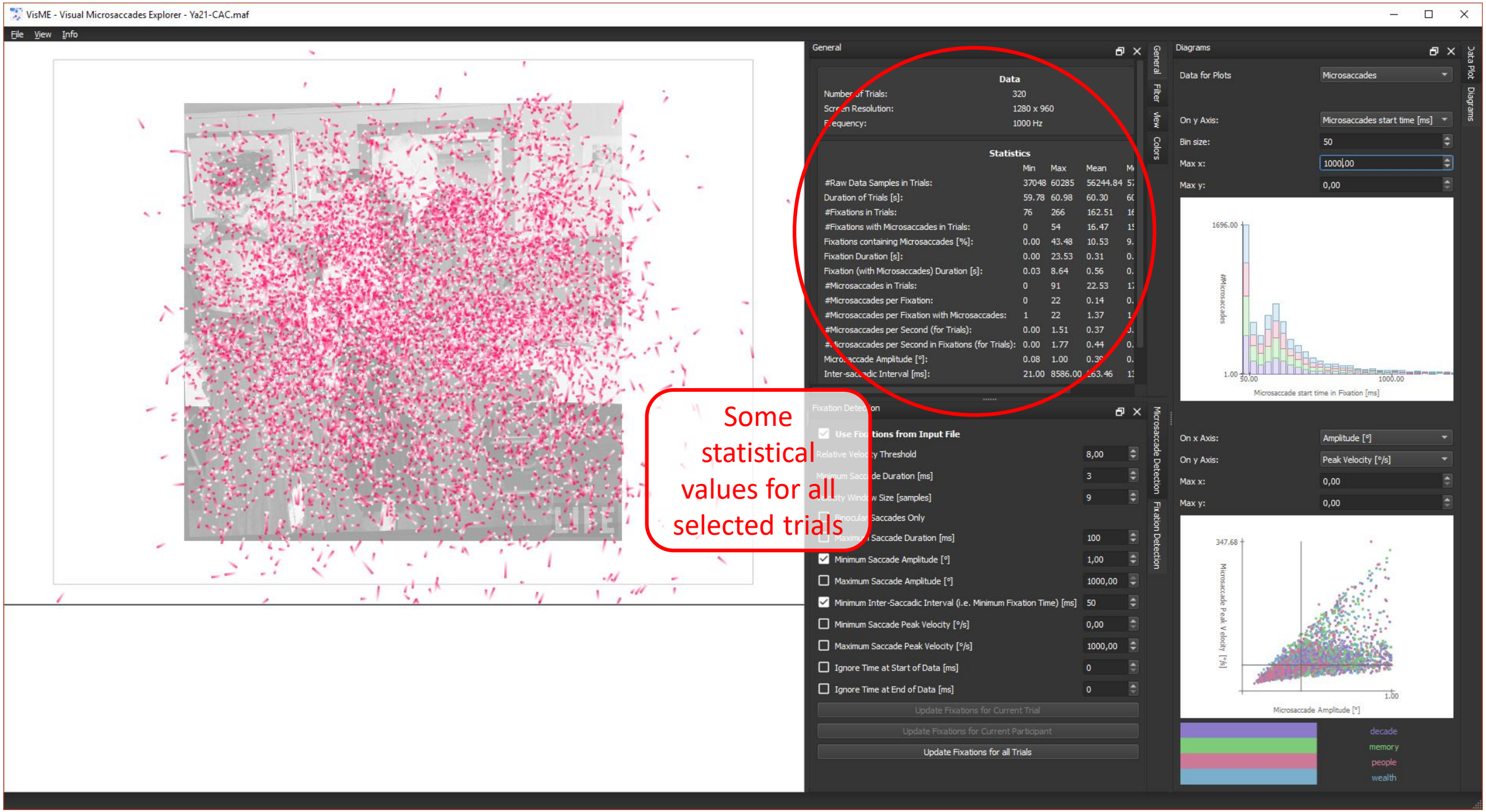

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Check All
Test Conditions:
decade
memory
people
wealth
Check All
Uncheck All
Update
General
Filter
View
Colors
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°]
Maximum Saccade Amplitude [°]
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s]
Maximum Saccade Peak Velocity [°/s]
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Microsaccade Detection
Fixation Detection
Diagrams
Data for Plots Microsaccades
On y Axis: Amplitude [°]
Bin size: 0,050
Max x: 0,00
Max y: 0,00
Histogram: Amplitude
864.00
#Microsaccades
1.00
0.05
1.00
Microsaccade Amplitude [°]
On x Axis: Amplitude [°]
On y Axis: Peak Velocity [°/s]
Max x: 0,00
Max y: 0,00
Scatterplot: Amplitude – Peak velocity
347.68
Microsaccade Peak Velocity [°/s]
1.00
Microsaccade Amplitude [°]
decade
memory
people
wealth
Data Plot
Diagrams

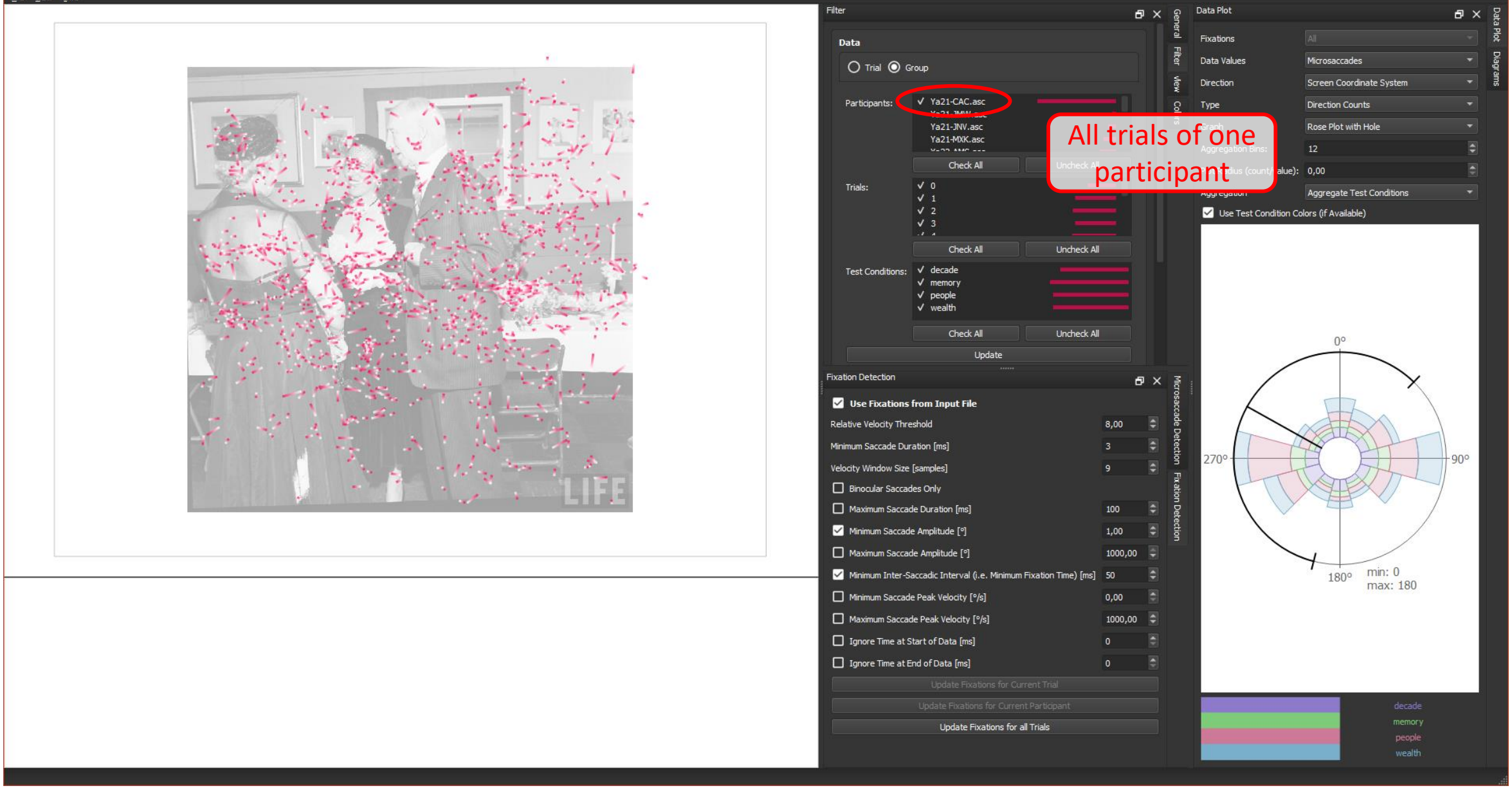

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Test Conditions:
decade
memory
people
wealth
Update
General
Filter
View
Colors
Diagrams
Data for Plots
Microsaccades
On y Axis:
Peak Velocity [°/s]
Bin size:
5,000
Max x:
0,00
Max y:
0,00
Histogram:
Peak velocity
854.00
#Microsaccades
1.00
5.00
347.68
Microsaccade Peak Velocity [°/s]
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold
8,00
Minimum Saccade Duration [ms]
3
Velocity Window Size [samples]
9
Binocular Saccades Only
Maximum Saccade Duration [ms]
100
Minimum Saccade Amplitude [°]
1,00
Maximum Saccade Amplitude [°]
1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms]
50
Minimum Saccade Peak Velocity [°/s]
0,00
Maximum Saccade Peak Velocity [°/s]
1000,00
Ignore Time at Start of Data [ms]
0
Ignore Time at End of Data [ms]
0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Microsaccade Detection
Fixation Detection
Data Plot
Diagrams
On x Axis:
Amplitude [°]
On y Axis:
Peak Velocity [°/s]
Max x:
0,00
Max y:
0,00
347.68
Microsaccade Peak Velocity [°/s]
1.00
Microsaccade Amplitude [°]
decade
memory
people
wealth

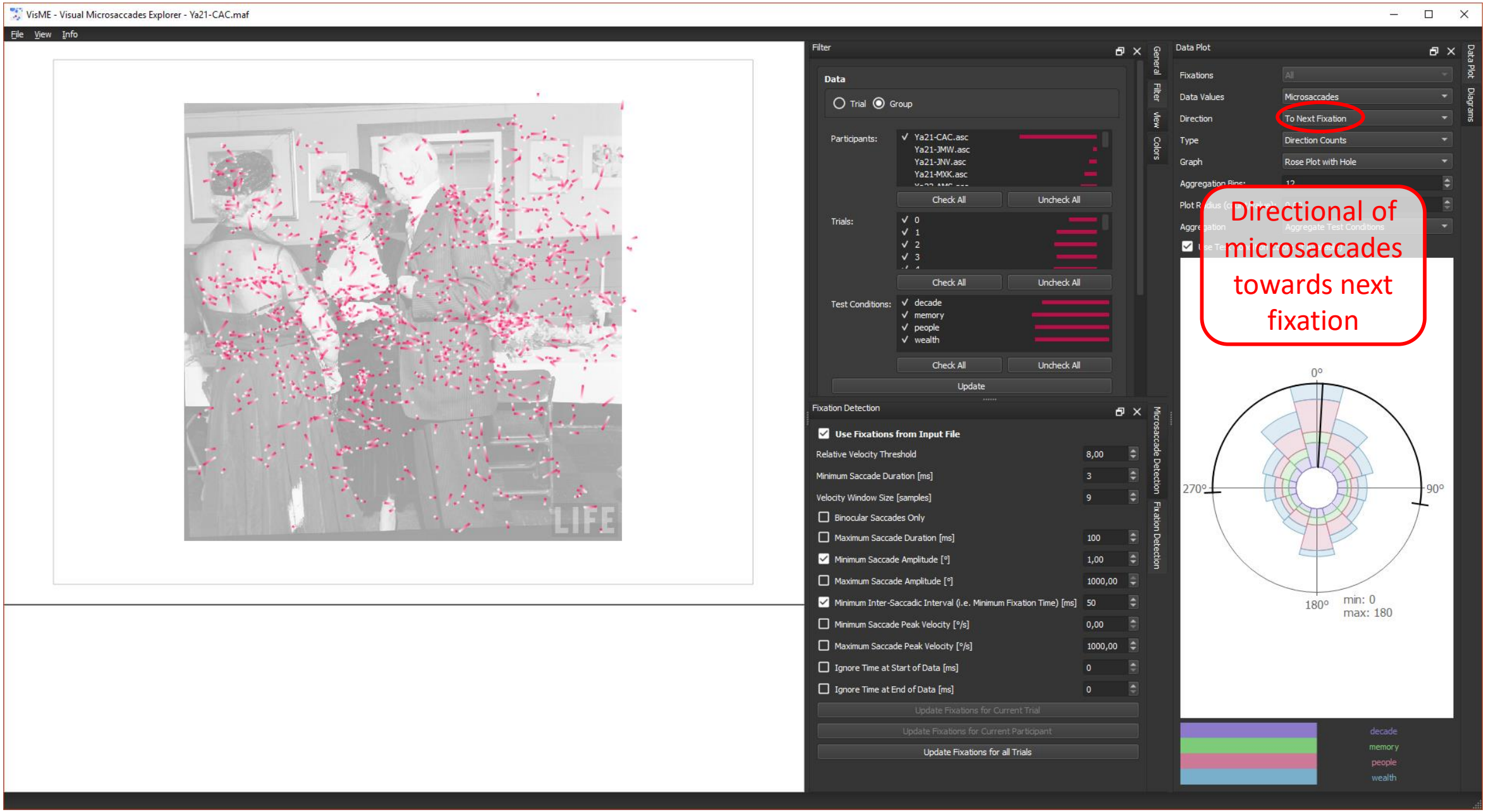

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Test Conditions:
decade
memory
people
wealth
Update
General
Filter
View
Colors
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Microsaccade Detection
Fixation Detection
Diagrams
Data for Plots Microsaccades
On y Axis: Duration [ms]
Bin size: 1
Max x: 0,00
Max y: 0,00
Histogram: Duration
1292.00
#Microsaccades
1.00
1.00
32.00
Microsaccade Duration [ms]
On x Axis: Amplitude [°]
On y Axis: Peak Velocity [°/s]
Max x: 0,00
Max y: 0,00
347.68
Microsaccade Peak Velocity [°/s]
1.00
Microsaccade Amplitude [°]
decade
memory
people
wealth
Data Plot
Diagrams

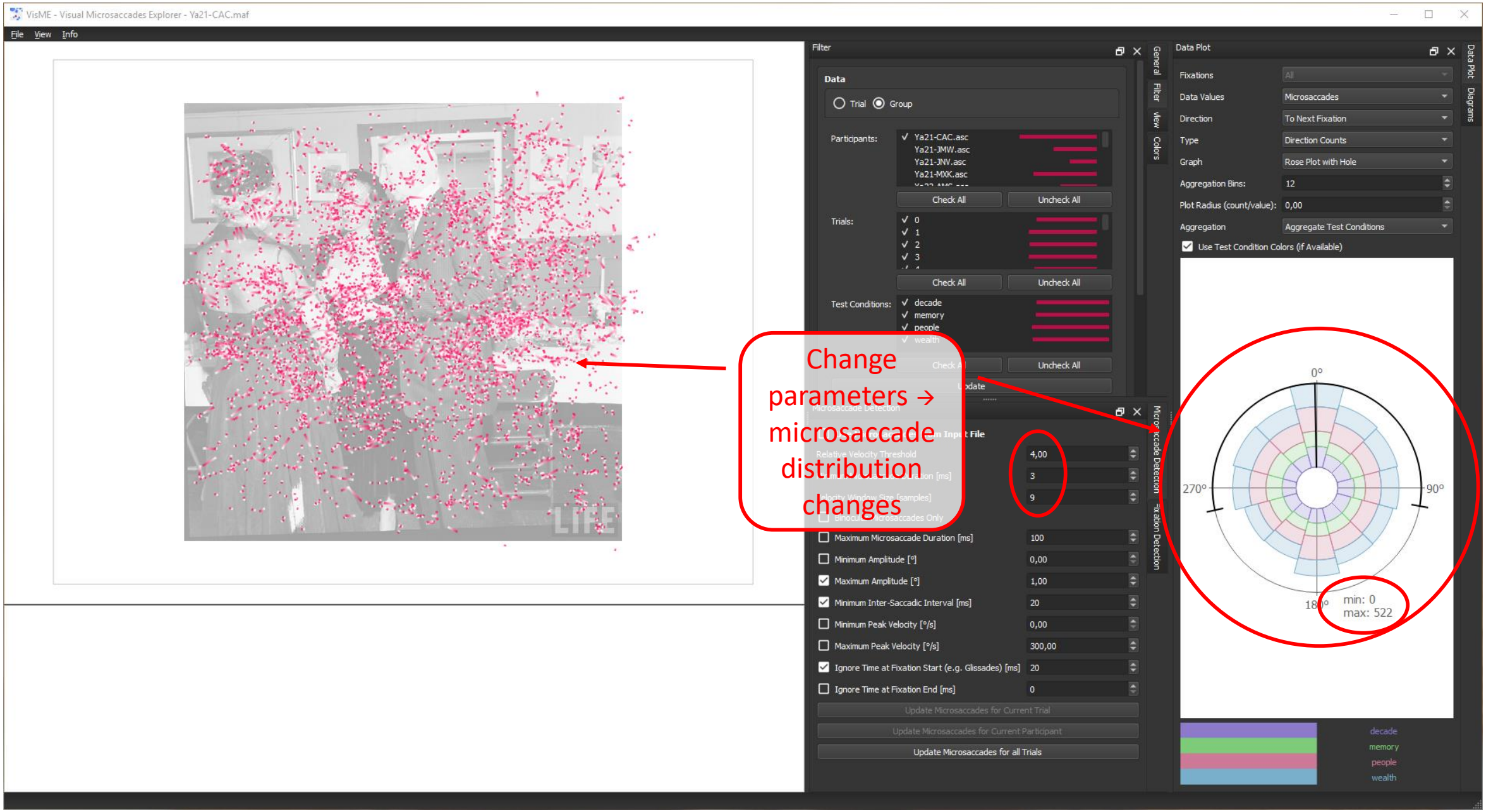

VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Test Conditions:
decade
memory
people
wealth
Update
General
Filter
View
Colors
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Microsaccade Detection
Fixation Detection
Diagrams
Data for Plots Microsaccades
On y Axis: Microsaccades start time [ms]
Bin size: 50
Max x: 0,00
Max y: 0,00
Histogram: Microsaccade start time
1696.00
#Microsaccades
1.00
50.00
8630.00
Microsaccade start time in Fixation [ms]
On x Axis: Amplitude [°]
On y Axis: Peak Velocity [°/s]
Max x: 0,00
Max y: 0,00
347.68
Microsaccade Peak Velocity [°/s]
1.00
Microsaccade Amplitude [°]
decade
memory
people
wealth
Data Plot
Diagrams


VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Test Conditions:
decade
memory
people
wealth
Update
General
Filter
View
Colors
Diagrams
Data for Plots
Microsaccades
On y Axis:
Microsaccades start time [ms]
Bin size:
50
Max x:
1000,00
Max y:
0,00
Zoom
1696.00
#Microsaccades
1.00
50.00
1000.00
Microsaccade start time in Fixation [ms]
Data Plot
Diagrams
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold
8,00
Minimum Saccade Duration [ms]
3
Velocity Window Size [samples]
9
Binocular Saccades Only
Maximum Saccade Duration [ms]
100
Minimum Saccade Amplitude [°]
1,00
Maximum Saccade Amplitude [°]
1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms]
50
Minimum Saccade Peak Velocity [°/s]
0,00
Maximum Saccade Peak Velocity [°/s]
1000,00
Ignore Time at Start of Data [ms]
0
Ignore Time at End of Data [ms]
0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Microsaccade Detection
Fixation Detection
On x Axis:
Amplitude [°]
On y Axis:
Peak Velocity [°/s]
Max x:
0,00
Max y:
0,00
347.68
Microsaccade Peak Velocity [°/s]
1.00
Microsaccade Amplitude [°]
decade
memory
people
wealth


VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
General
Data
Number of Trials: 320
Screen Resolution: 1280 x 960
Frequency: 1000 Hz
Statistics
Min Max Mean
#Raw Data Samples in Trials: 37048 60285 56244.84
Duration of Trials [s]: 59.78 60.98 60.30
#Fixations in Trials: 76 266 162.51
#Fixations with Microsaccades in Trials: 0 54 16.47
Fixations containing Microsaccades [%]: 0.00 43.48 10.53
Fixation Duration [s]: 0.00 23.53 0.31
Fixation (with Microsaccades) Duration [s]: 0.03 8.64 0.56
#Microsaccades in Trials: 0 91 22.53
#Microsaccades per Fixation: 0 22 0.14
#Microsaccades per Fixation with Microsaccades: 1 22 1.37
#Microsaccades per Second (for Trials): 0.00 1.51 0.37
Inter-saccadic Interval [ms]: 21.00 8586.00 263.46
Some statistical values for all selected trials
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Diagrams
Data for Plots Microsaccades
On y Axis: Microsaccades start time [ms]
Bin size: 50
Max x: 1000,00
Max y: 0,00
1696.00
#Microsaccades
1.00
50.00
1000.00
Microsaccade start time in Fixation [ms]
On x Axis: Amplitude [°]
On y Axis: Peak Velocity [°/s]
Max x: 0,00
Max y: 0,00
347.68
Microsaccade Peak Velocity [°/s]
1.00
Microsaccade Amplitude [°]
decade
memory
people
wealth
General
Filter
View
Colors
Microsaccade Detection
Fixation Detection
Data Plot
Diagrams


VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Check All
Uncheck All
Test Conditions:
decade
memory
people
wealth
Check All
Uncheck All
Update
All trials of one participant
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Data Plot
Fixations All
Data Values Microsaccades
Direction Screen Coordinate System
Type Direction Counts
Rose Plot with Hole
Aggregation Bins: 12
Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 180
decade
memory
people
wealth
General
Filter
View
Data Plot
Diagrams
Microsaccade Detection
Fixation Detection


VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All Uncheck All
Trials:
0 1 2 3
Check All Uncheck All
Test Conditions:
decade memory people wealth
Check All Uncheck All
Update
General Filter View Colors
Fixation Detection
Use Fixations from Input File
Relative Velocity Threshold 8,00
Minimum Saccade Duration [ms] 3
Velocity Window Size [samples] 9
Binocular Saccades Only
Maximum Saccade Duration [ms] 100
Minimum Saccade Amplitude [°] 1,00
Maximum Saccade Amplitude [°] 1000,00
Minimum Inter-Saccadic Interval (i.e. Minimum Fixation Time) [ms] 50
Minimum Saccade Peak Velocity [°/s] 0,00
Maximum Saccade Peak Velocity [°/s] 1000,00
Ignore Time at Start of Data [ms] 0
Ignore Time at End of Data [ms] 0
Update Fixations for Current Trial
Update Fixations for Current Participant
Update Fixations for all Trials
Microsaccade Detection Fixation Detection
Data Plot
Fixations All
Data Values Microsaccades
Direction To Next Fixation
Type Direction Counts
Graph Rose Plot with Hole
Aggregation Bins: 12
Aggregate Test Conditions
Directional of microsaccades towards next fixation
0°
90°
180°
270°
min: 0
max: 180
decade
memory
people
wealth
Data Plot Diagrams


VisME - Visual Microsaccades Explorer - Ya21-CAC.maf
File View Info
Filter
Data
Trial Group
Participants:
Ya21-CAC.asc
Ya21-JMW.asc
Ya21-JNV.asc
Ya21-MXK.asc
Check All
Uncheck All
Trials:
0
1
2
3
Test Conditions:
decade
memory
people
wealth
Update
Microsaccade Detection
Relative Velocity Threshold
4,00
3
9
Maximum Microsaccade Duration [ms]
100
Minimum Amplitude [°]
0,00
Maximum Amplitude [°]
1,00
Minimum Inter-Saccadic Interval [ms]
20
Minimum Peak Velocity [°/s]
0,00
Maximum Peak Velocity [°/s]
300,00
Ignore Time at Fixation Start (e.g. Glissades) [ms]
20
Ignore Time at Fixation End [ms]
0
Update Microsaccades for Current Trial
Update Microsaccades for Current Participant
Update Microsaccades for all Trials
General
Filter
View
Colors
Data Plot
Fixations
All
Data Values
Microsaccades
Direction
To Next Fixation
Type
Direction Counts
Graph
Rose Plot with Hole
Aggregation Bins:
12
Plot Radius (count/value):
0,00
Aggregation
Aggregate Test Conditions
Use Test Condition Colors (if Available)
0°
90°
180°
270°
min: 0
max: 522
decade
memory
people
wealth
Data Plot
Diagrams
Change parameters → microsaccade distribution changes

We provide our tool as open source software on GitHub: https://github.com/MunzT/VisME