

BEX3012 Project Analysis

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Contents

Emotions Analysis

Data used: ME: Microsoft's results, emotion data SB: Skybiometry's results, emotion data GE: Googles's results, emotion data GoogleFaces: The Set of Faces found by google in the intital study

Connect face id to original Google set

Add meta data to Emotion results

Create normalised SB values

Create normalised GE values GE: Google results of player facial emotions in numeric confidences

Convert to true or false emotion values

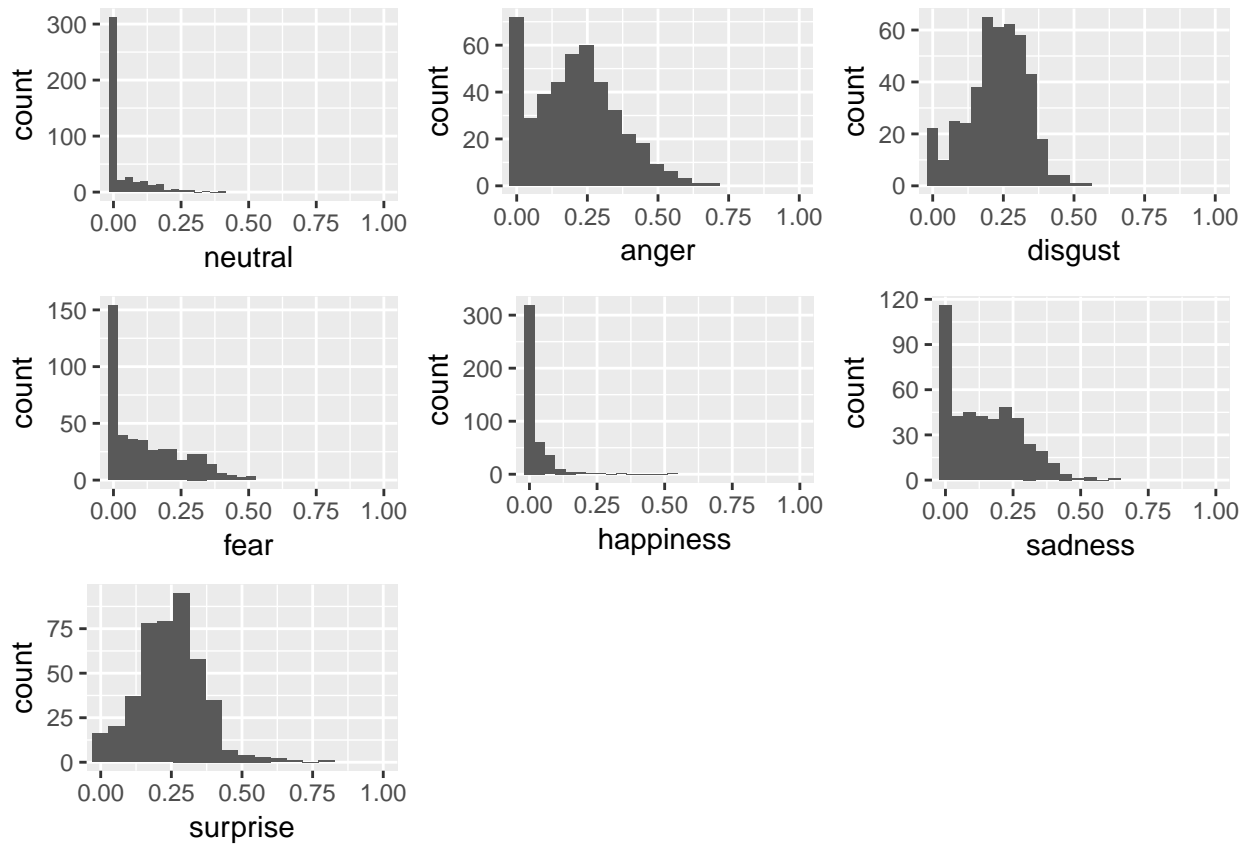
Paralell coordinate plots

Consider just players, GEP: Microsoft's results, emotion data for only players MEP: Skybiometry's results, emotion data for only players SBP: Googles's results, emotion data for only players

[1] 447

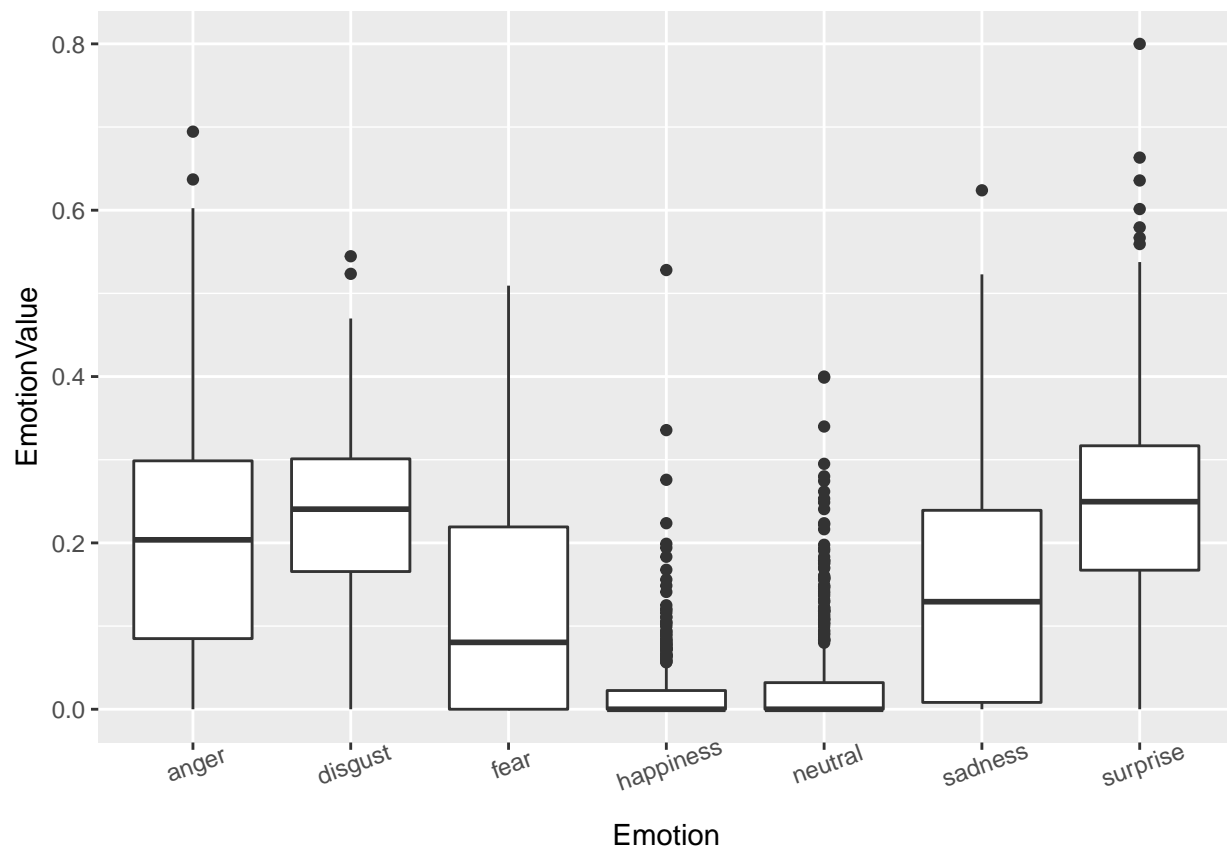
[1] 512

Skybiometry Emotion plots



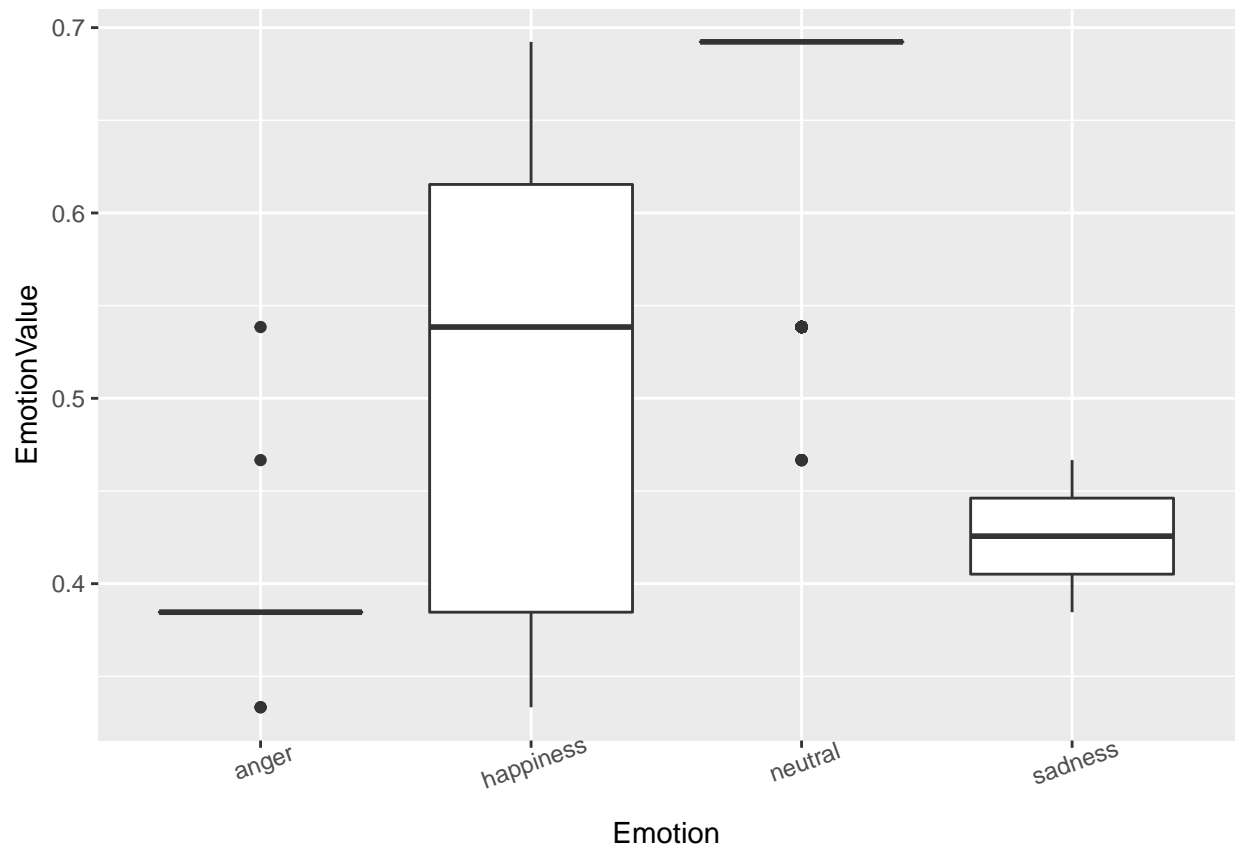
SBPCL: Long form of Confidence levels of SB results

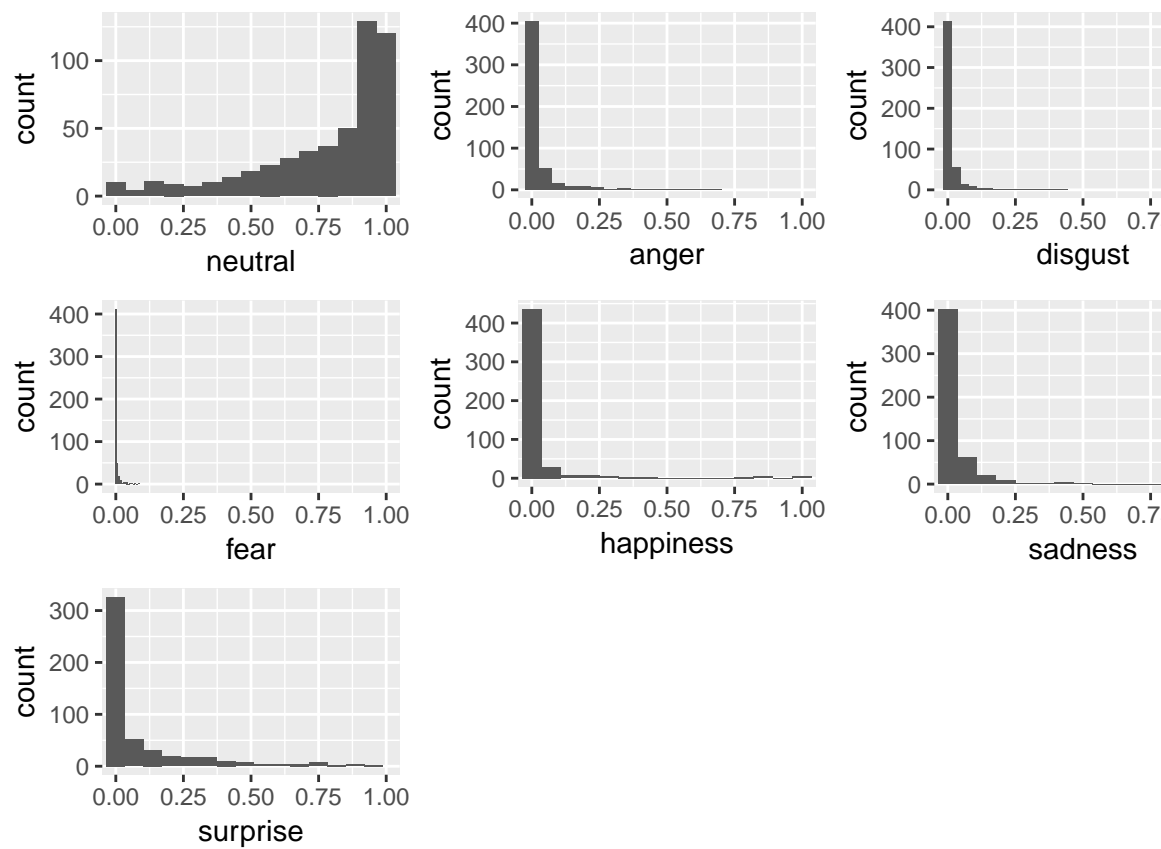
```
##
##      anger    disgust      fear happiness  neutral  sadness  surprise
##      115      89       61         1         3       56      110
```



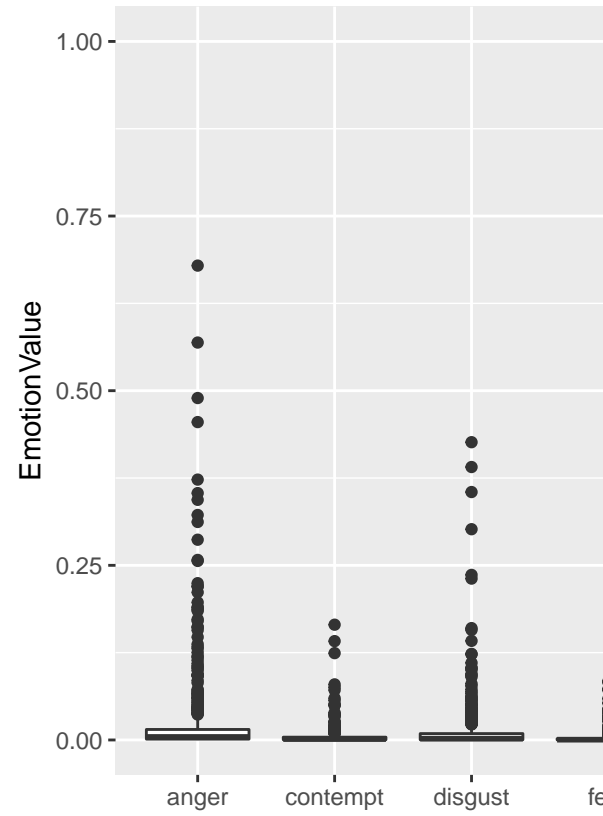
GEP: Long form of Confidence levels of GE results GEPN: Long form of Confidence levels of GE results renamed to match

```
##
##      anger happiness   neutral   sadness
##         15         59        871         2
```





Microsoft Emotion plots



Microsoft Long form MEPCL: Long form of Confidence levels of ME results

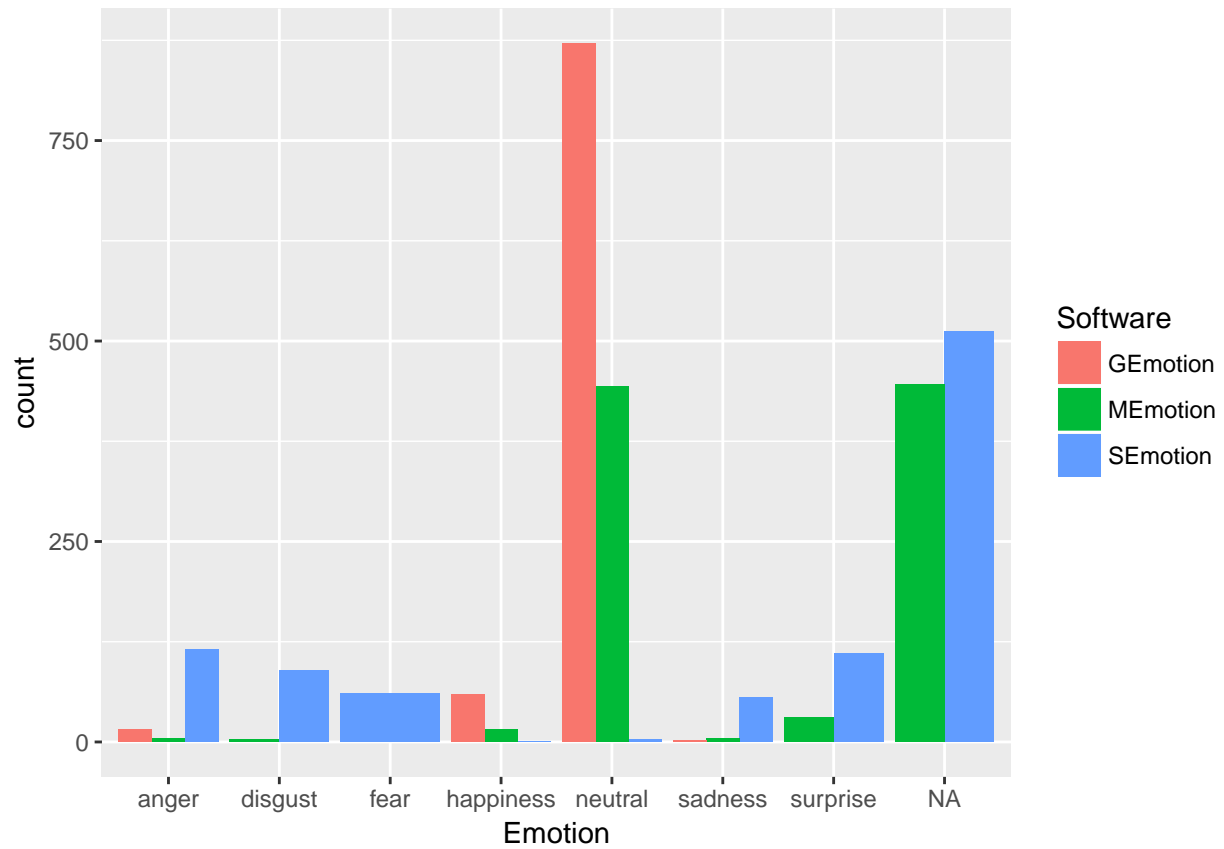
```
##
##      anger    disgust happiness    neutral    sadness    surprise
##         5         3         16         443         4         30
```

Tables

0.0.1

Join emotions for each face

```
## [1] 451
```

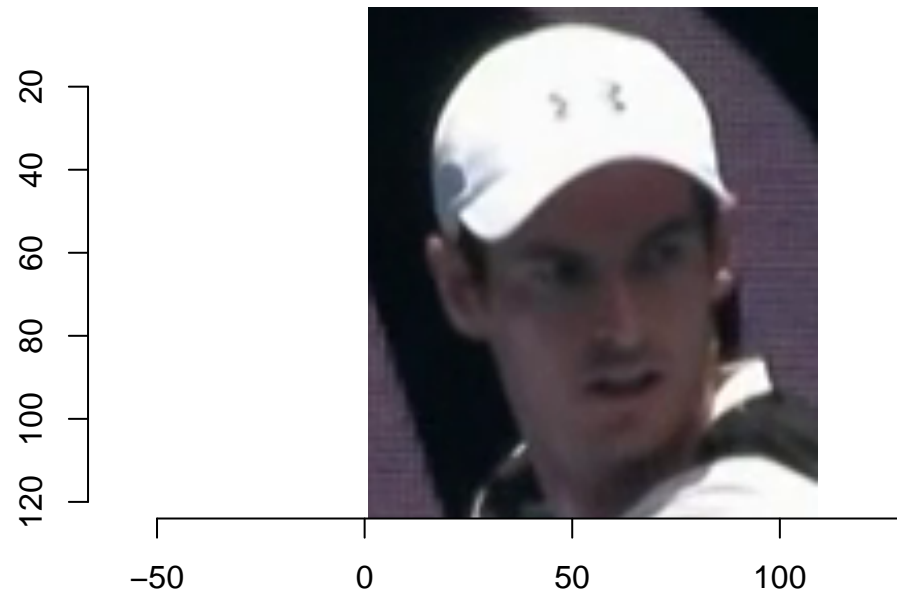


Contingency Table of 50 image sample

##		anger	happiness	neutral	
##					
##	anger	disgust	0	0	0
##		happiness	0	0	0
##		neutral	0	1	9
##		sadness	0	0	0
##		surprise	0	0	0
##	disgust	disgust	0	1	0
##		happiness	0	0	0
##		neutral	0	2	5
##		sadness	0	0	0
##		surprise	0	0	0
##	fear	disgust	0	0	0
##		happiness	0	1	0
##		neutral	0	0	8
##		sadness	0	0	0
##		surprise	0	0	0
##	neutral	disgust	0	0	0
##		happiness	0	0	0
##		neutral	0	0	1
##		sadness	0	0	0
##		surprise	0	0	0
##	sadness	disgust	0	0	0
##		happiness	0	0	0
##		neutral	0	0	6

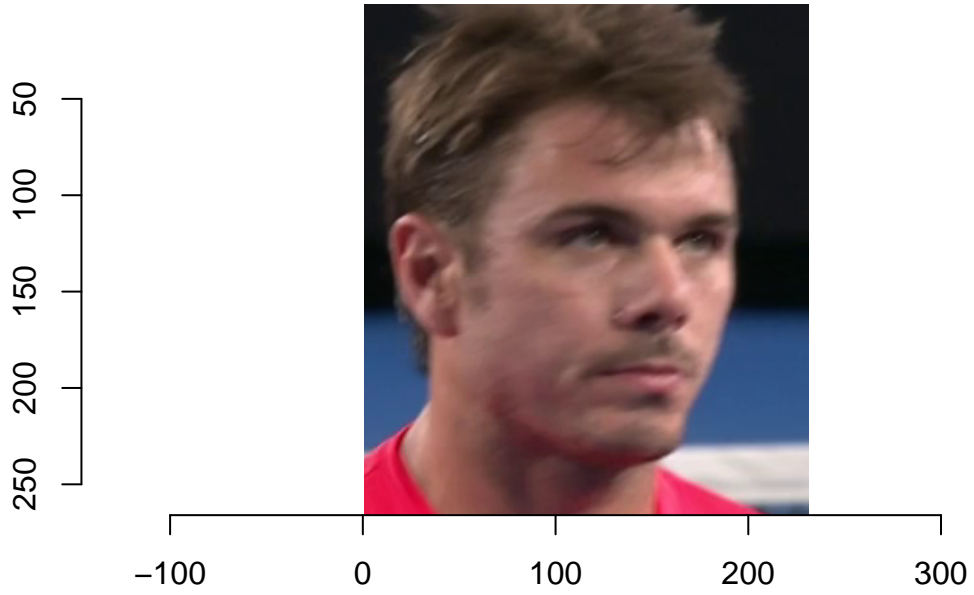
##	sadness	0	0	1
##	surprise	0	0	0
##	surprise disgust	0	0	0
##	happiness	0	0	0
##	neutral	1	0	11
##	sadness	0	0	0
##	surprise	0	0	3

face-1031-1-Go.png

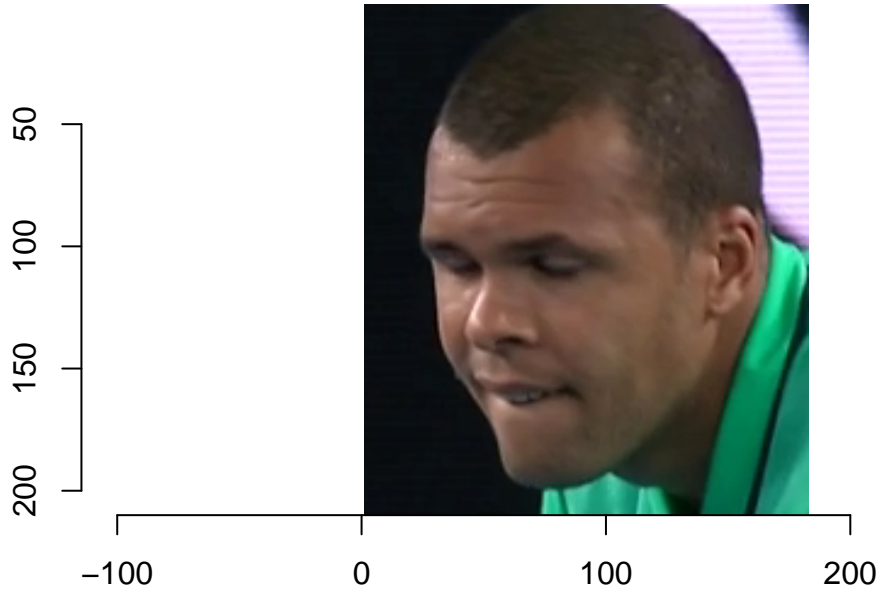


Plot images and compare to emotion data

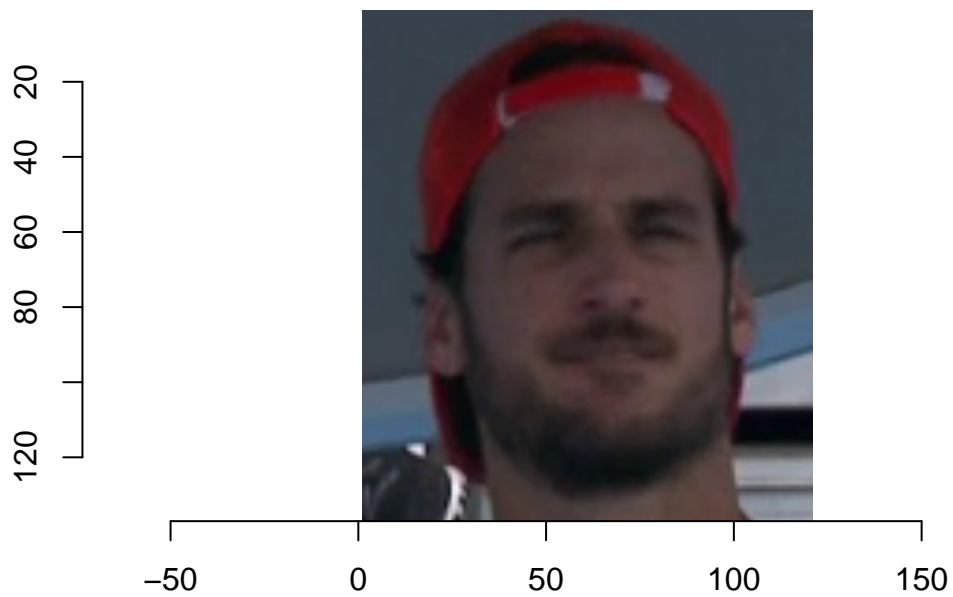
face-1035-1-Go.png



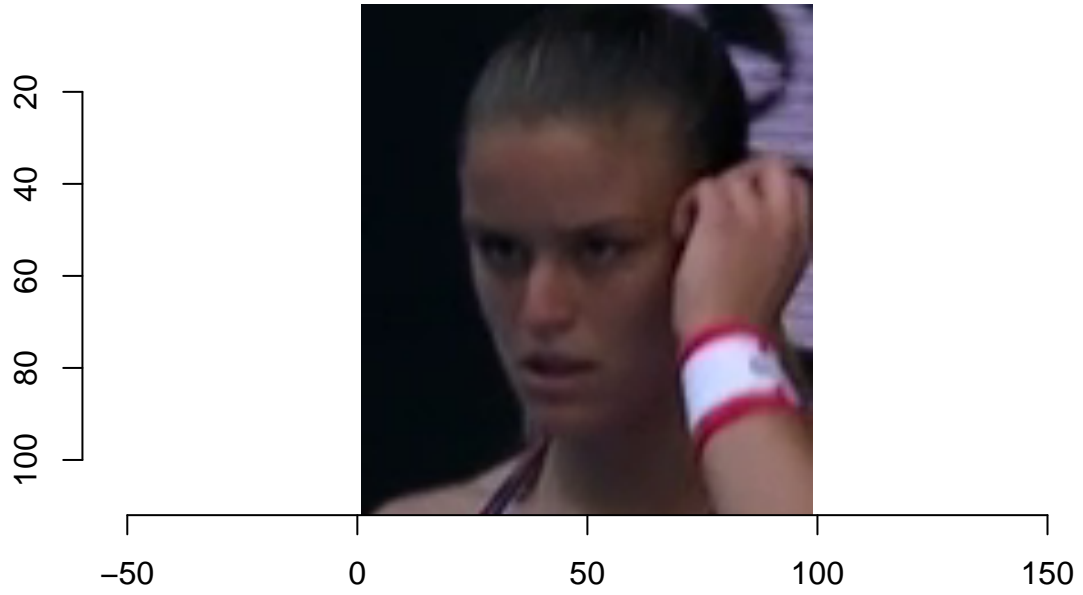
face-1044-1-Go.png



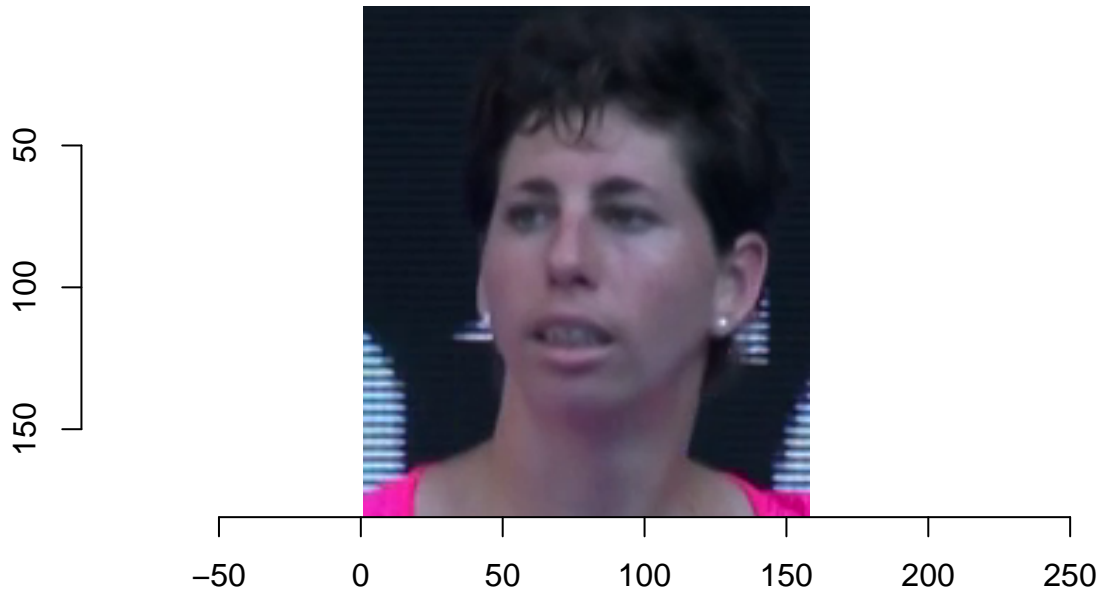
face-112-1-Go.png



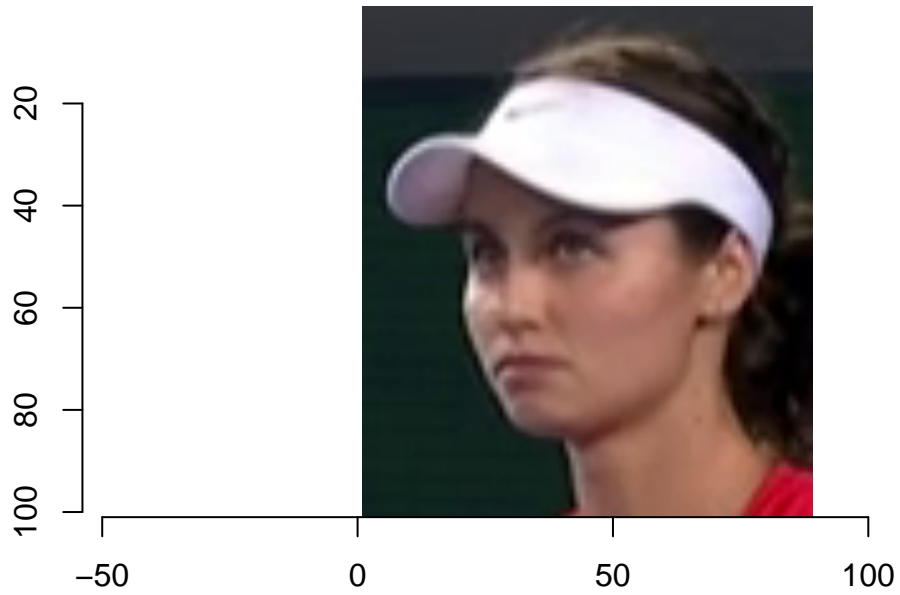
face-1157-1-Go.png



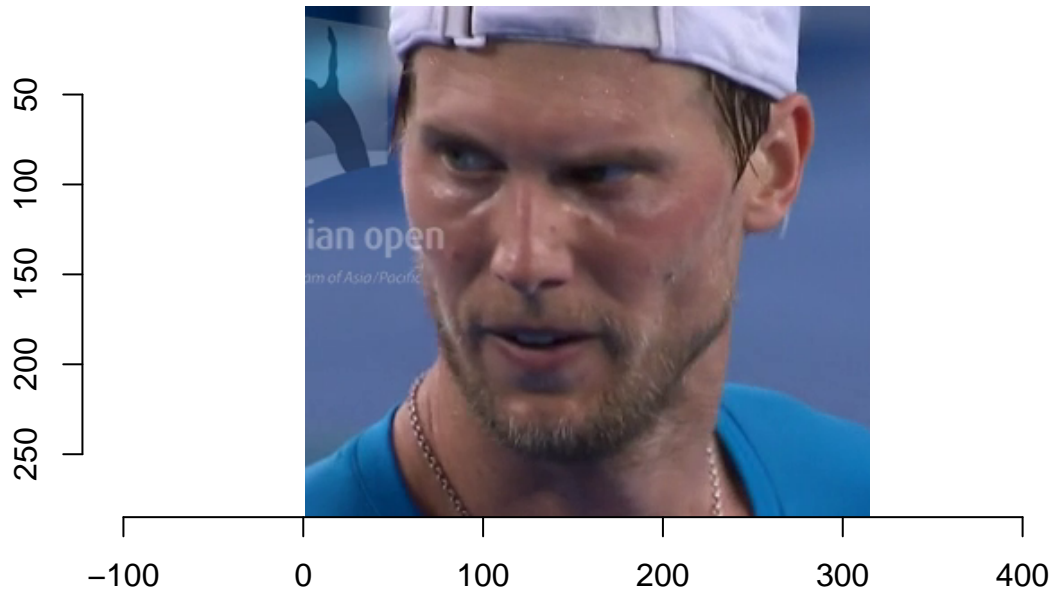
face-1163-1-Go.png



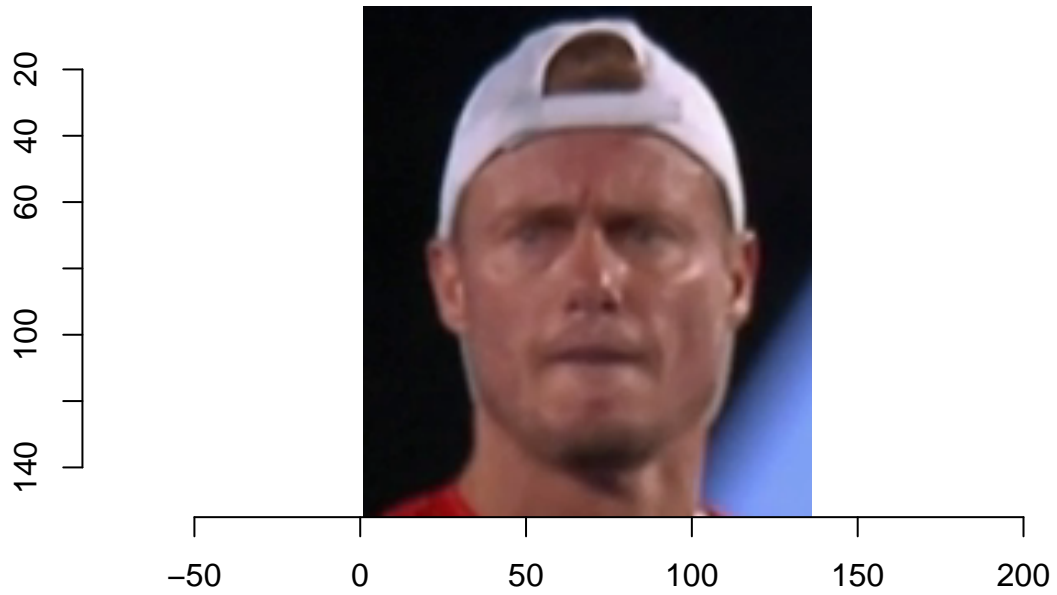
face-1195-1-Go.png



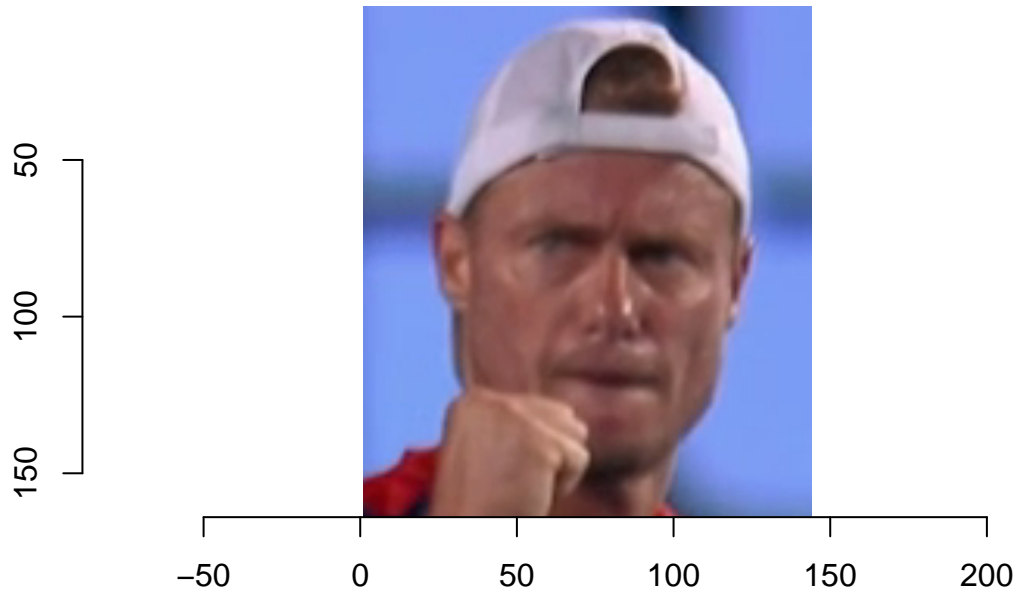
face-1315-1-Go.png



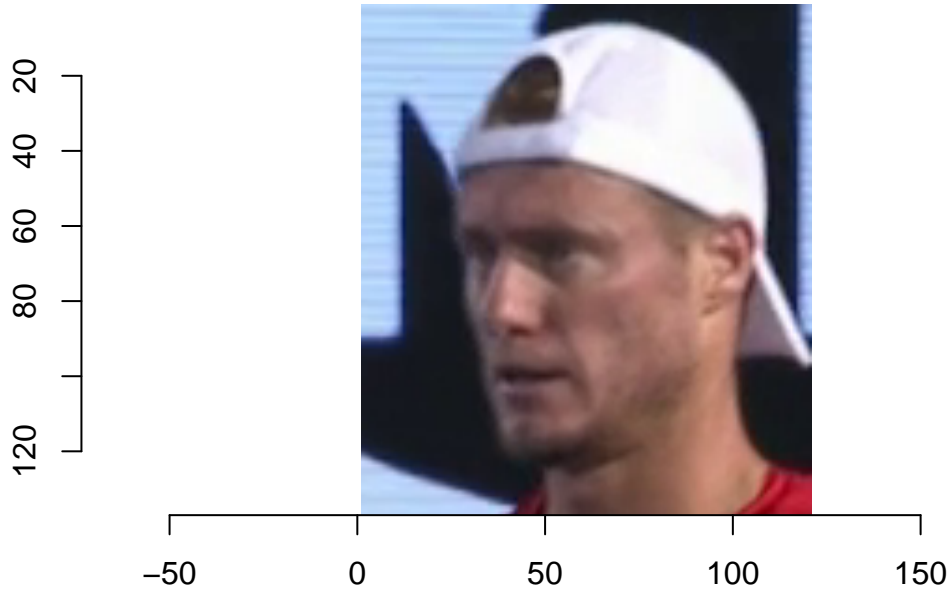
face-1384-1-Go.png



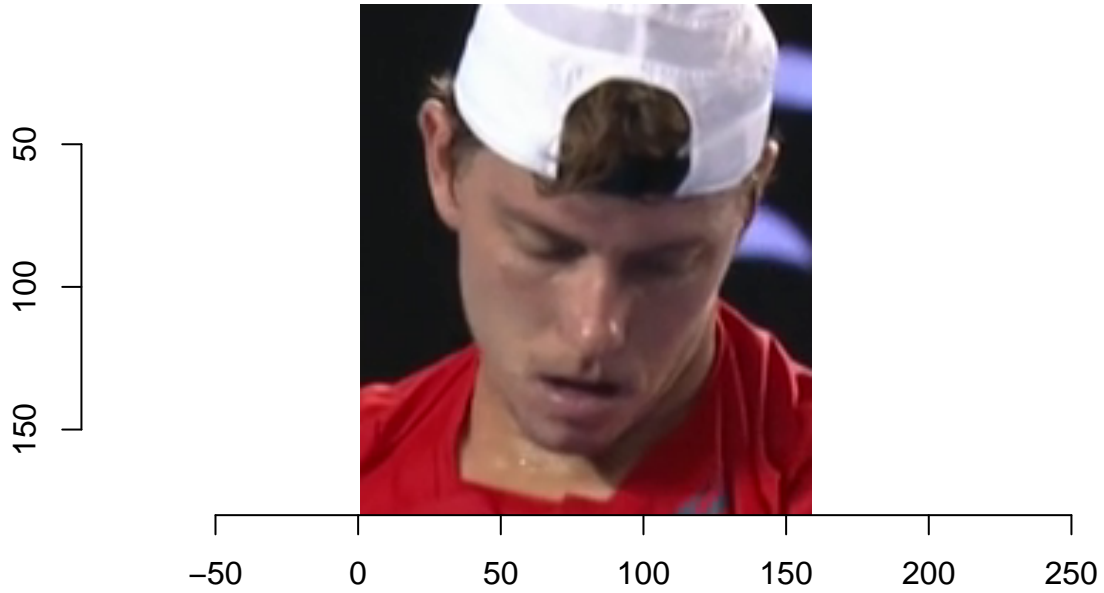
face-1386-1-Go.png



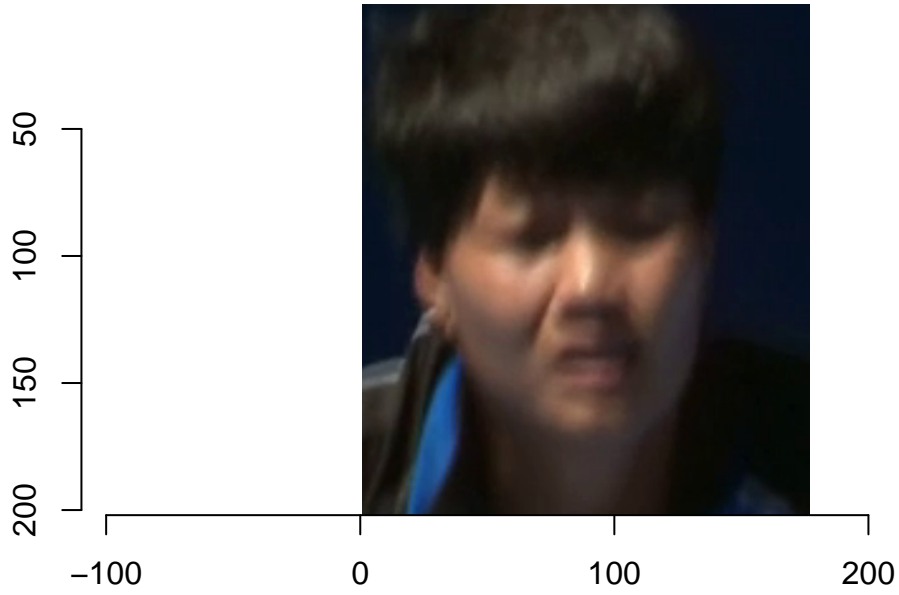
face-1401-1-Go.png



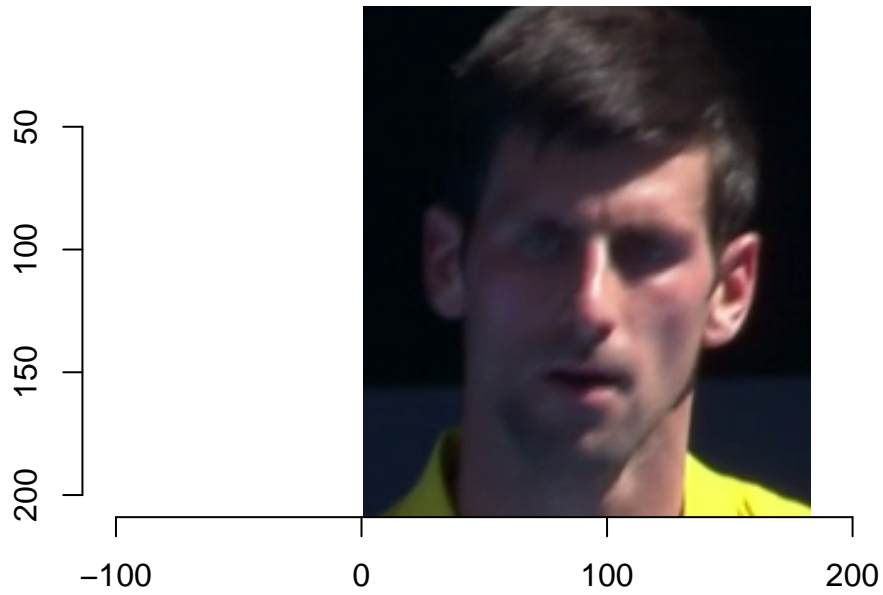
face-1404-1-Go.png



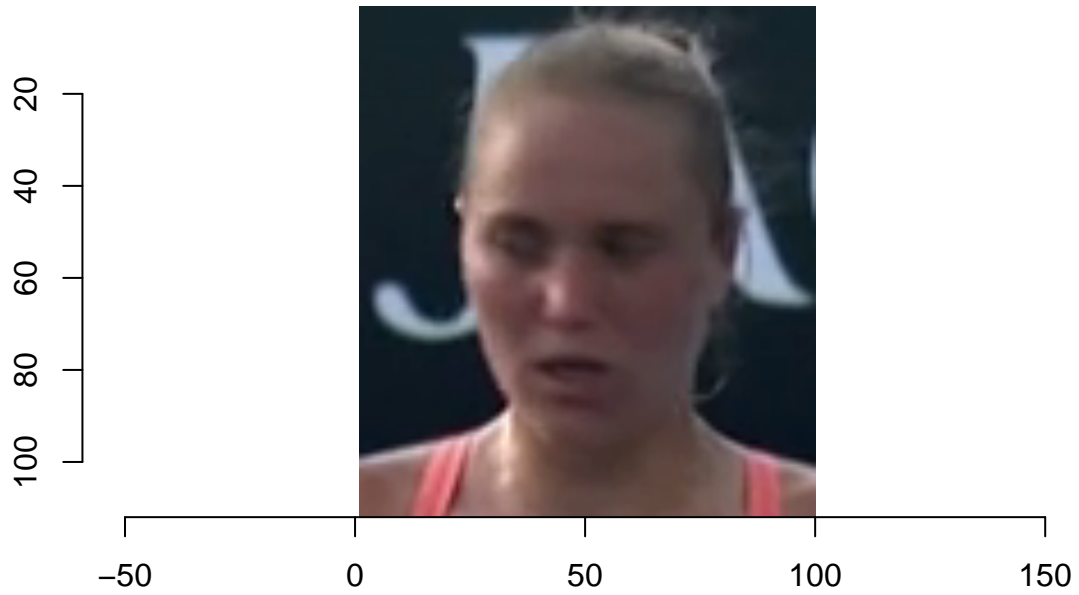
face-1428-1-Go.png



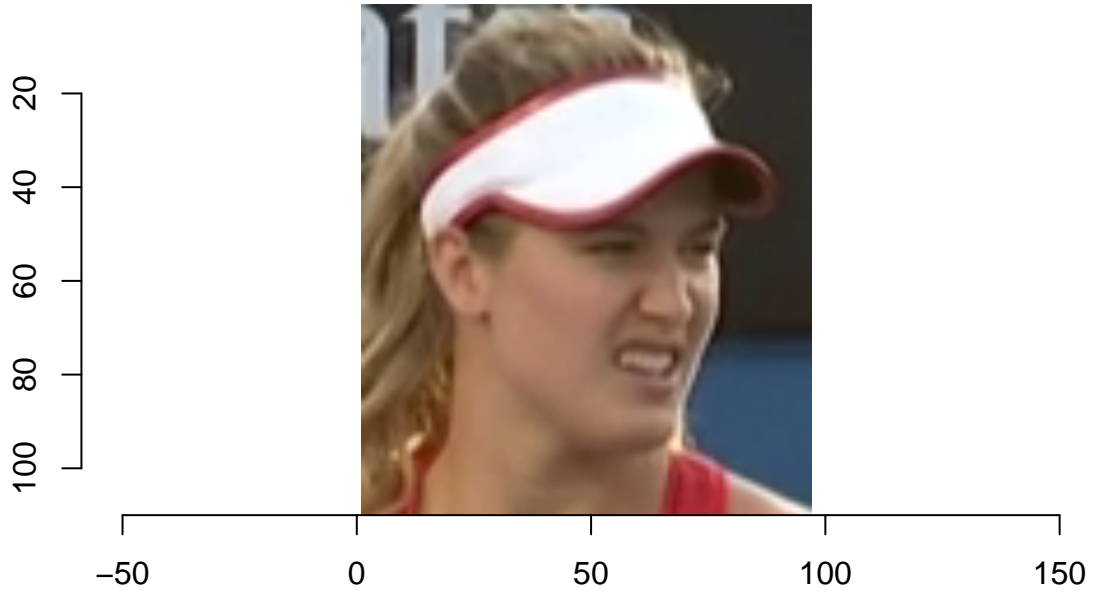
face-1448-1-Go.png



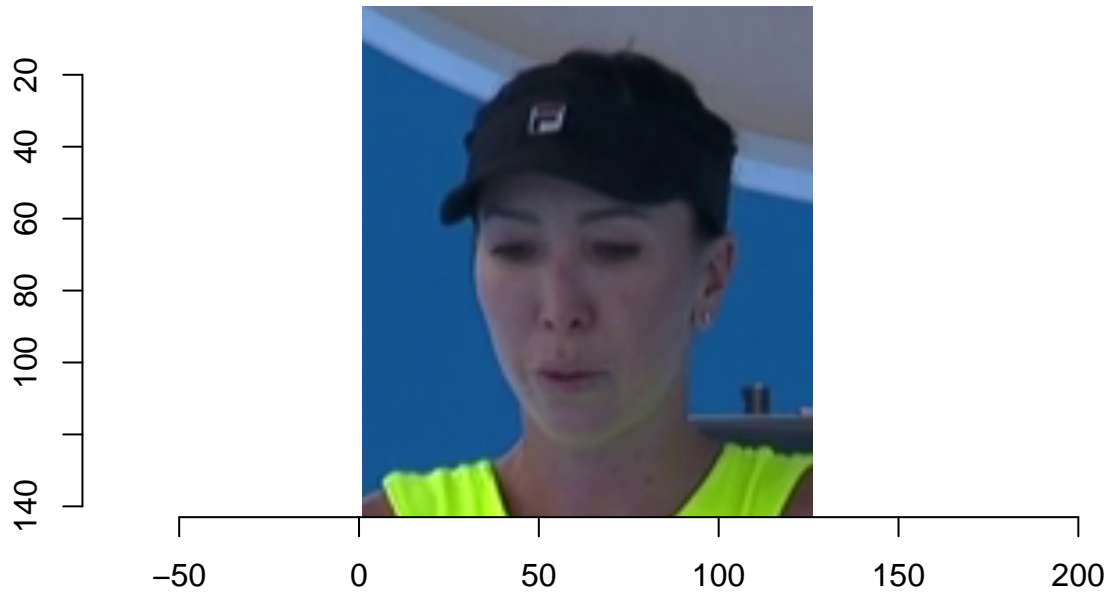
face-1527-1-Go.png



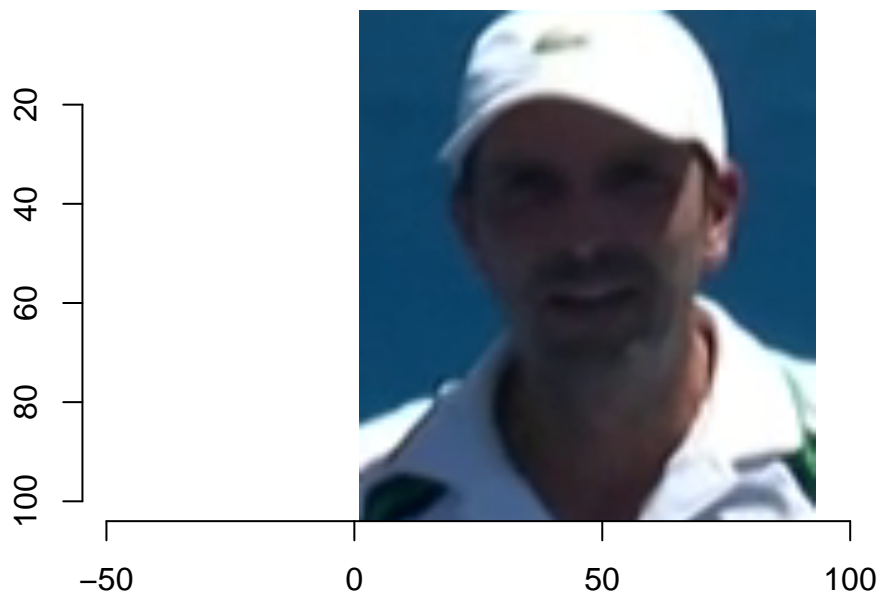
face-1557-3-Go.png



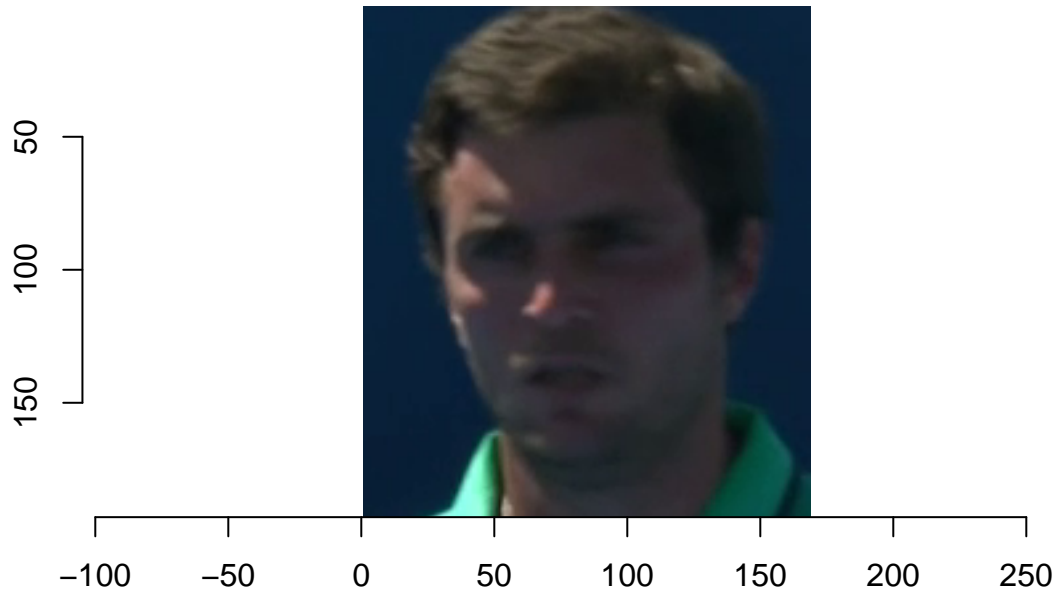
face-1573-1-Go.png



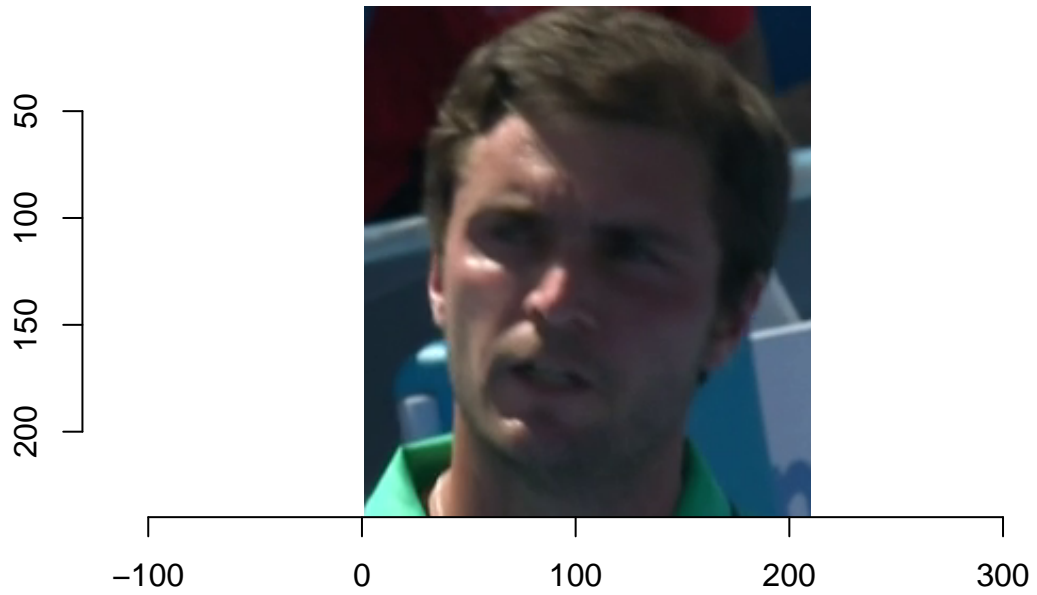
face-16-1-Go.png



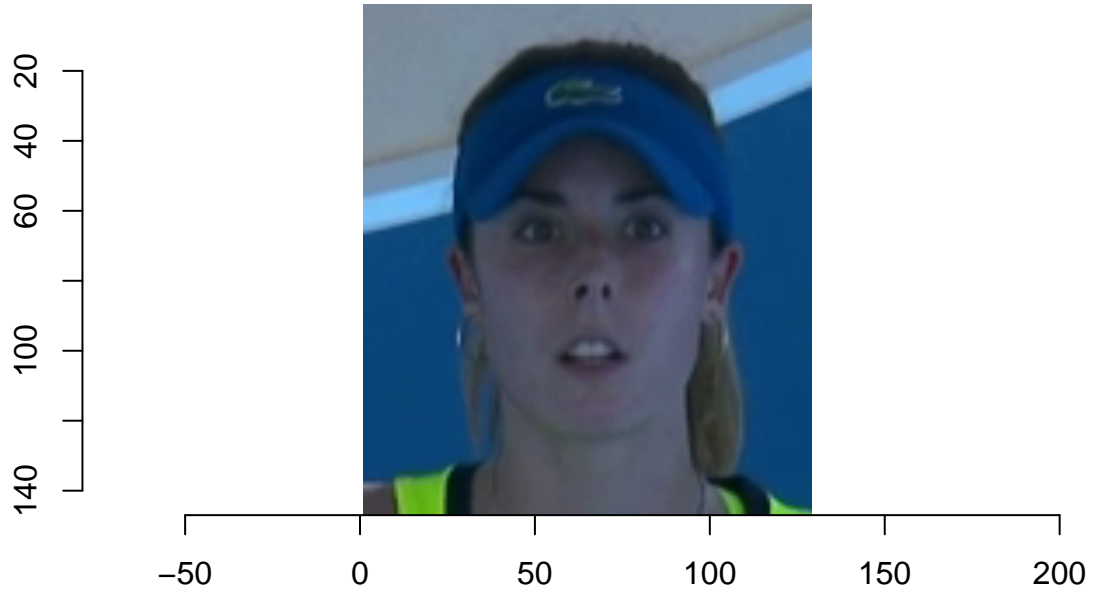
face-1617-1-Go.png



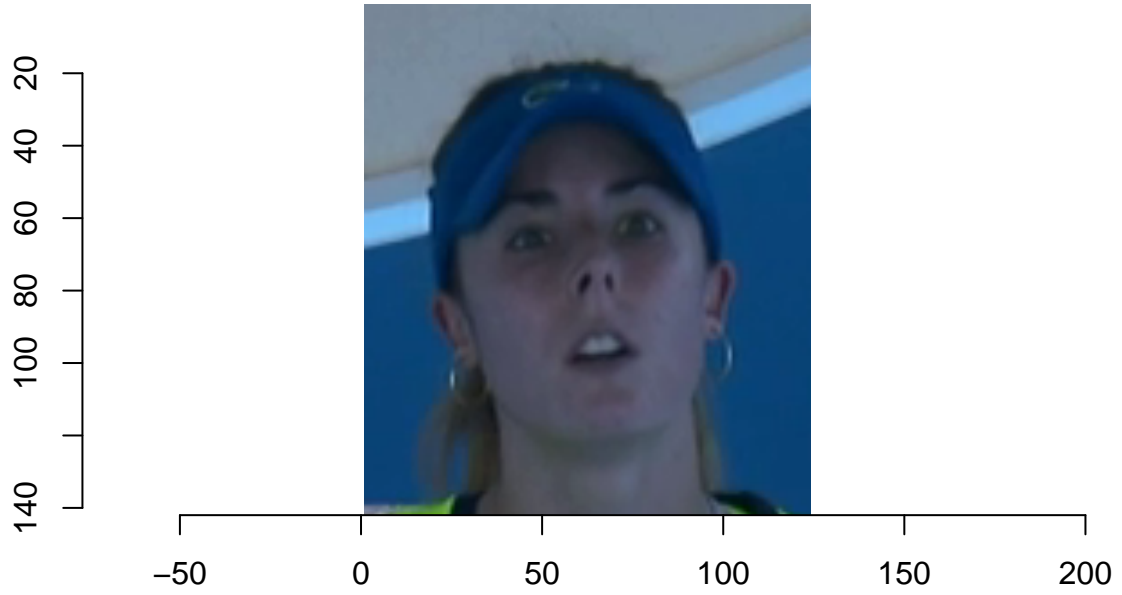
face-1618-1-Go.png



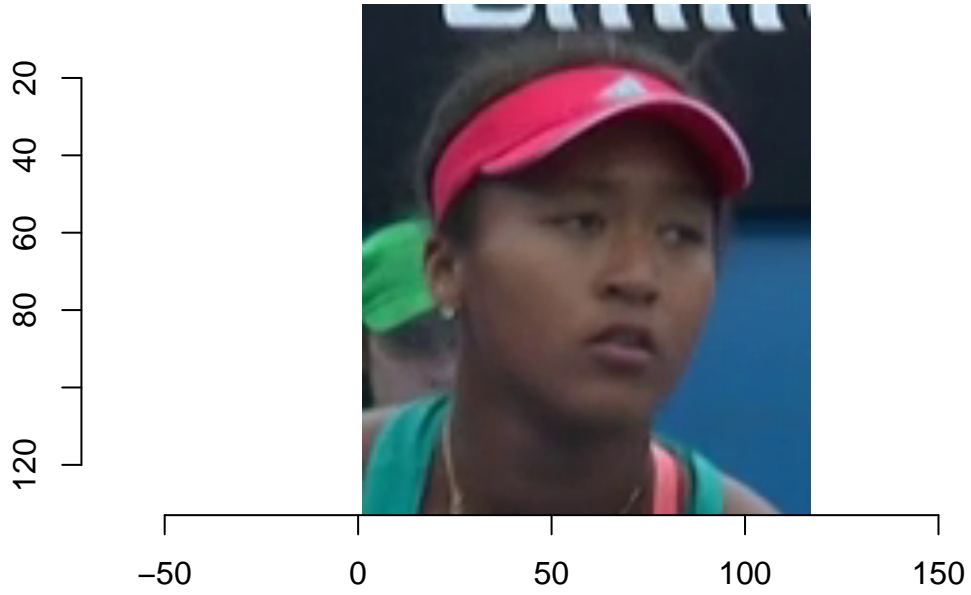
face-1635-1-Go.png



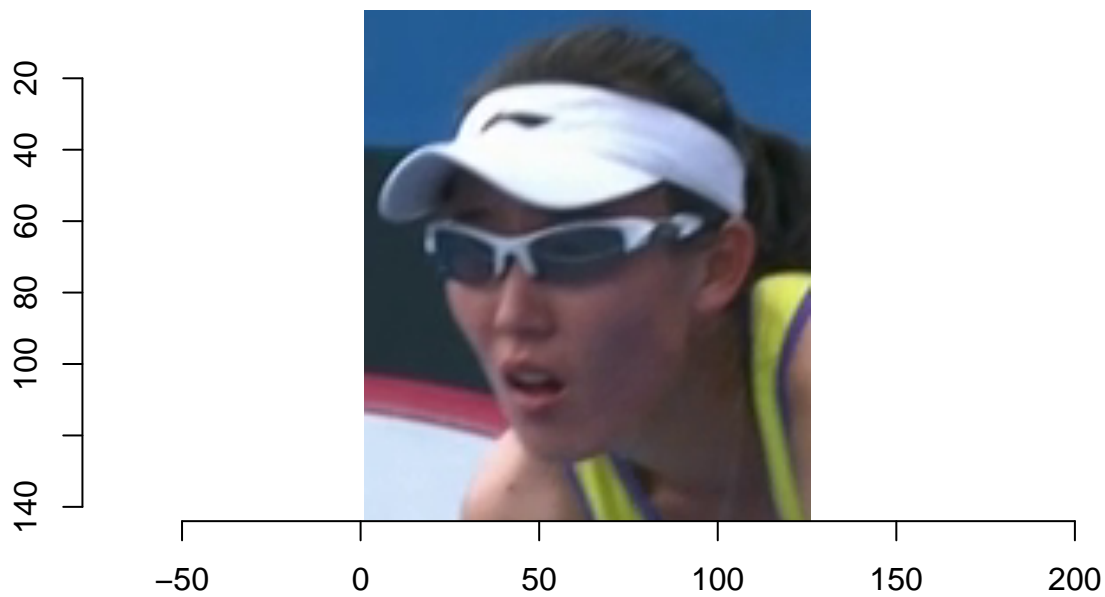
face-1636-1-Go.png



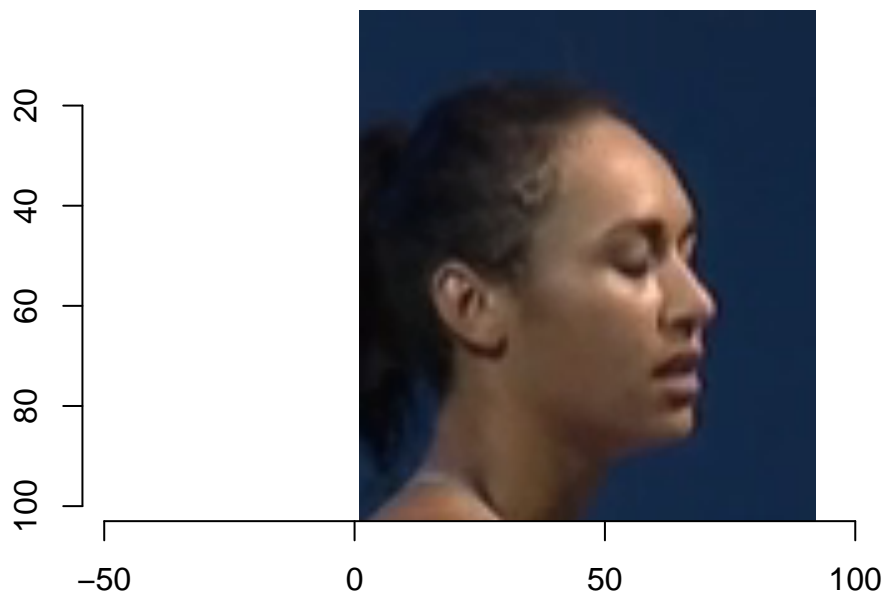
face-1752-1-Go.png



face-177-2-Go.png



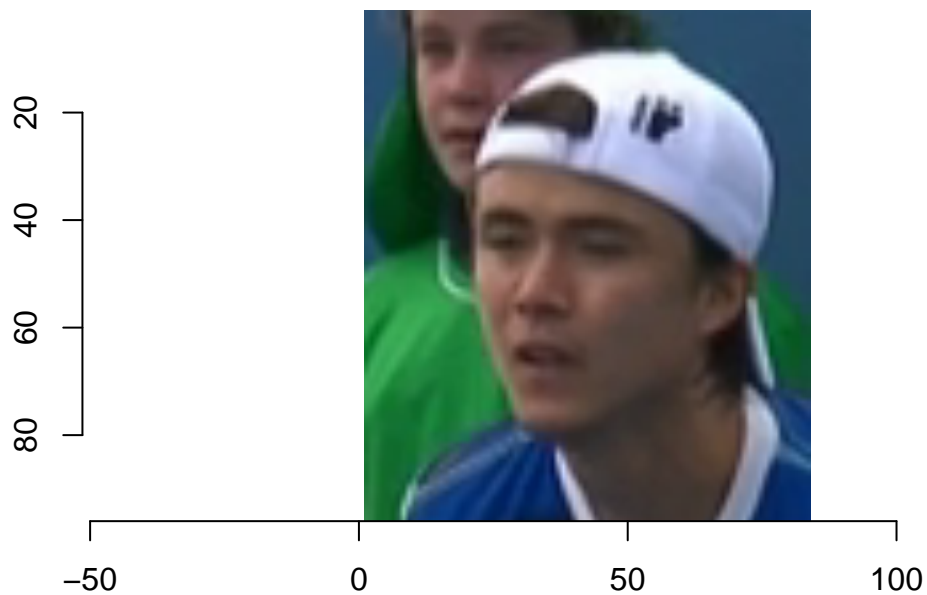
face-248-3-Go.png



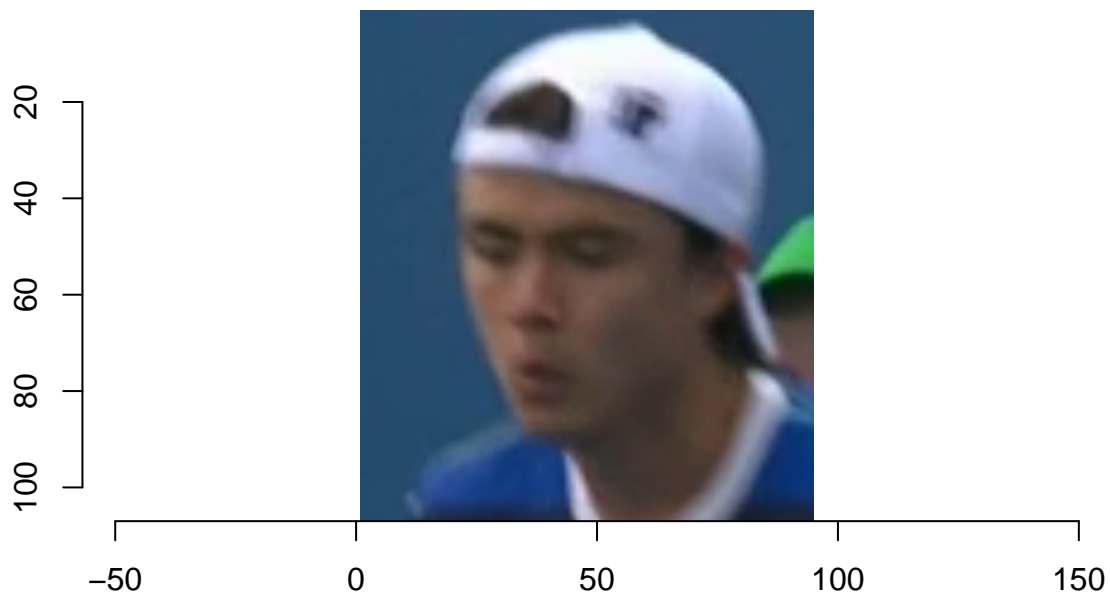
face-295-1-Go.png



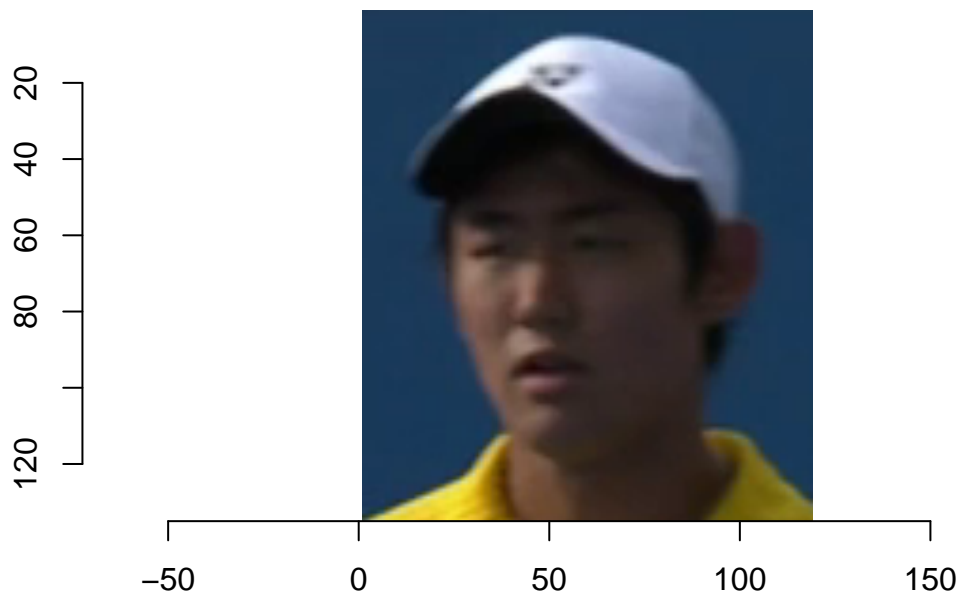
face-297-1-Go.png



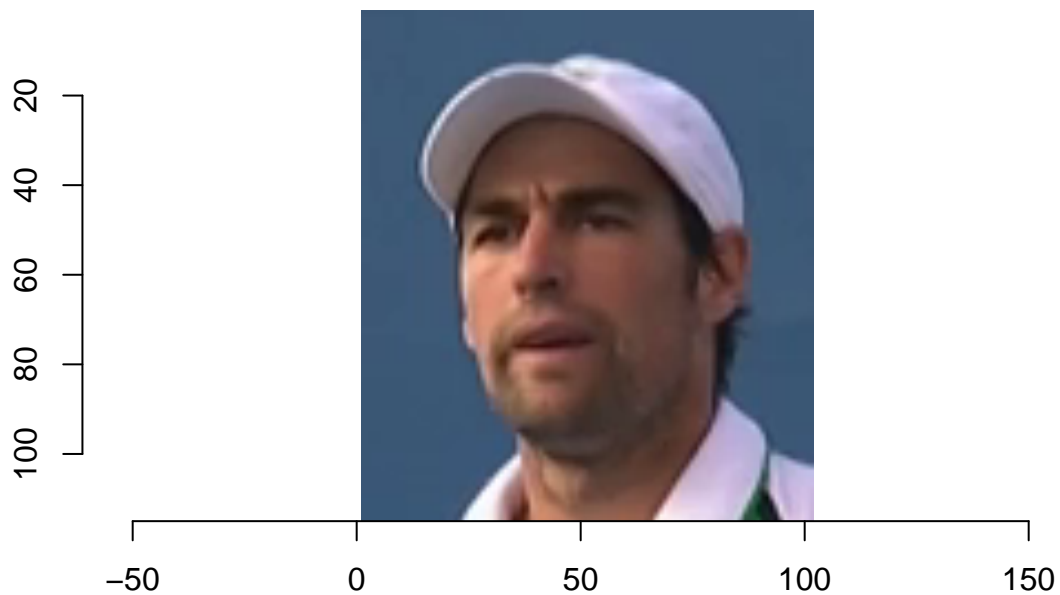
face-305-1-Go.png



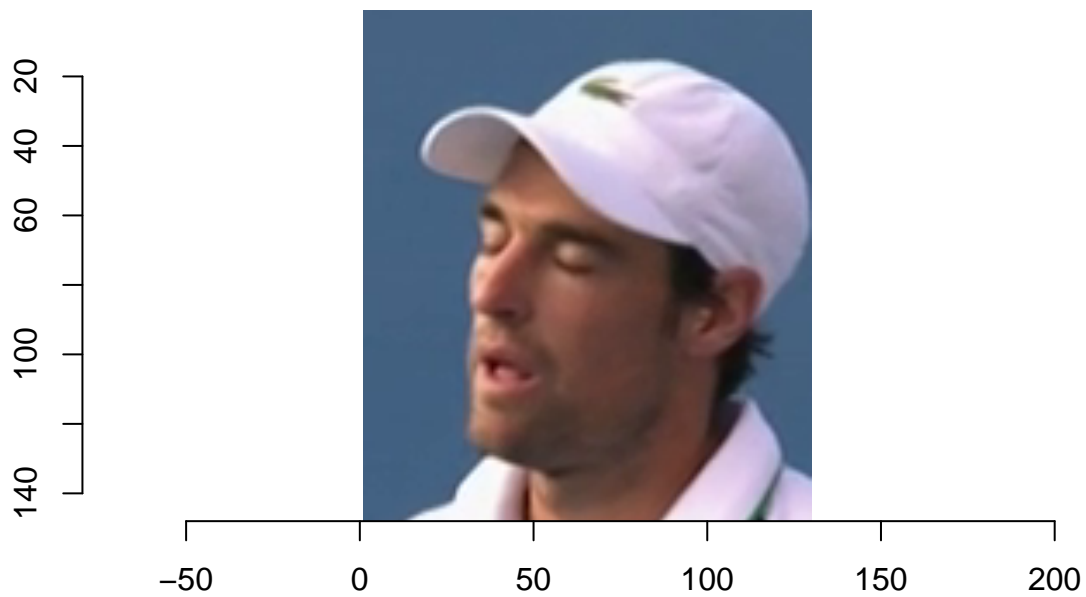
face-311-1-Go.png



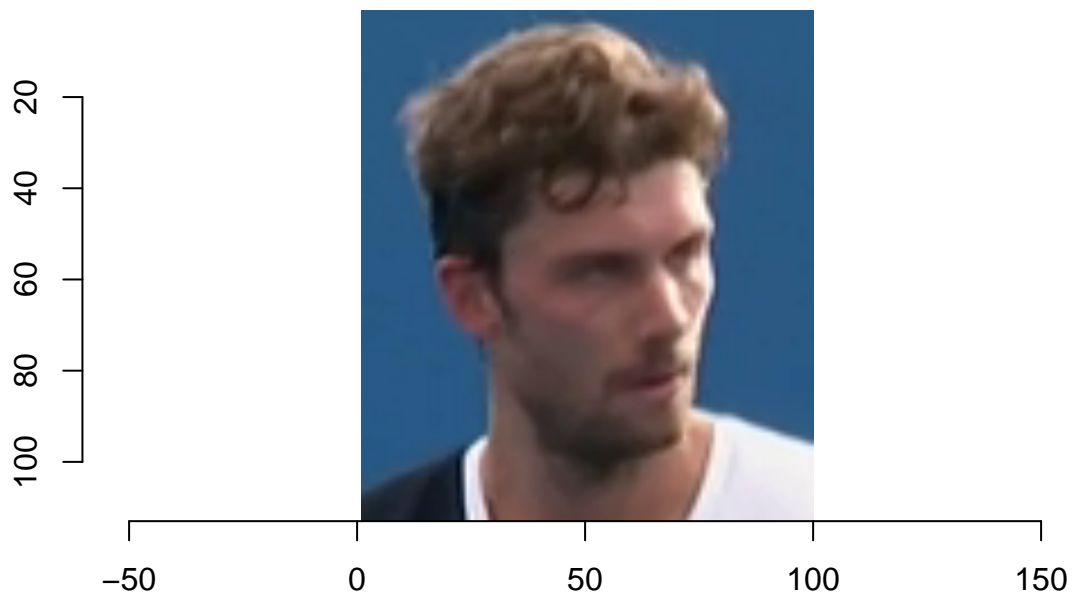
face-325-1-Go.png



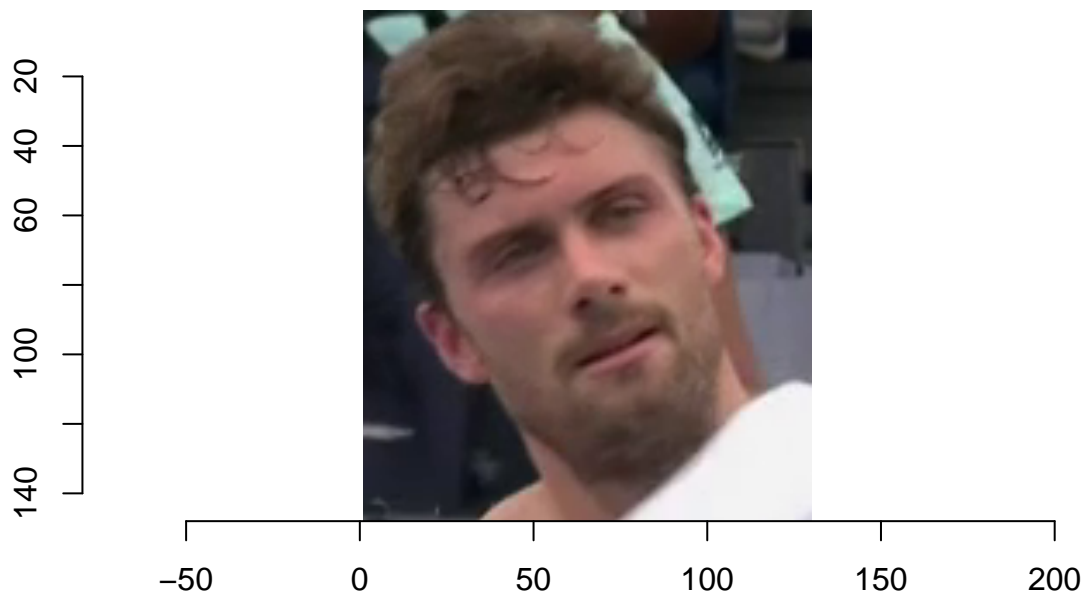
face-335-3-Go.png



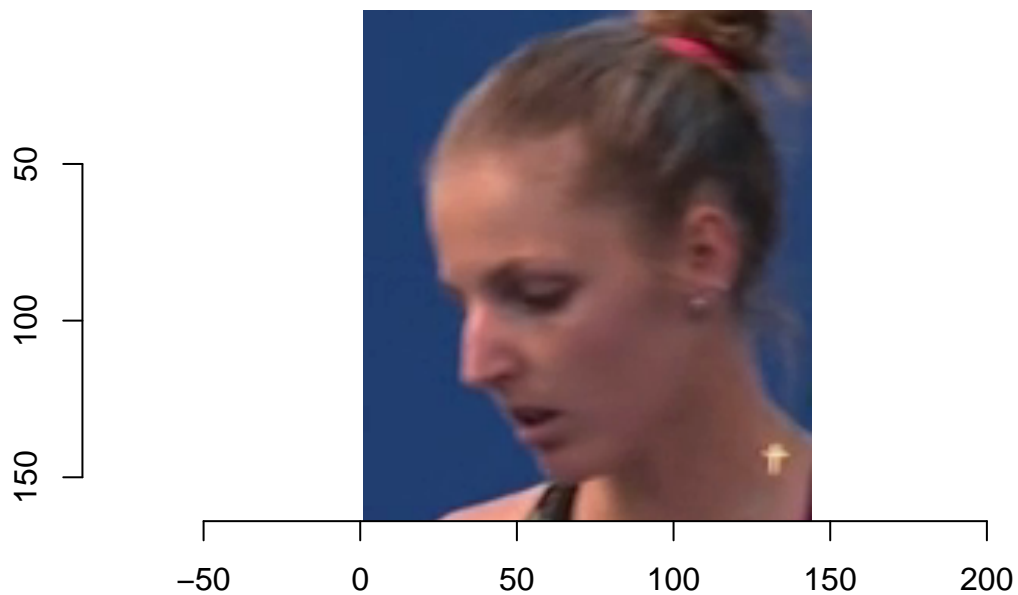
face-371-3-Go.png



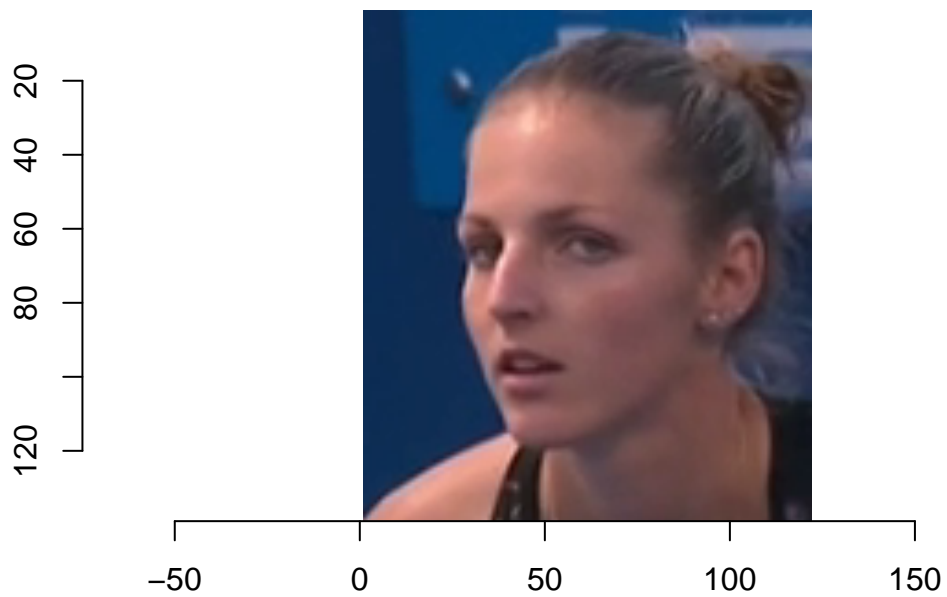
face-382-1-Go.png



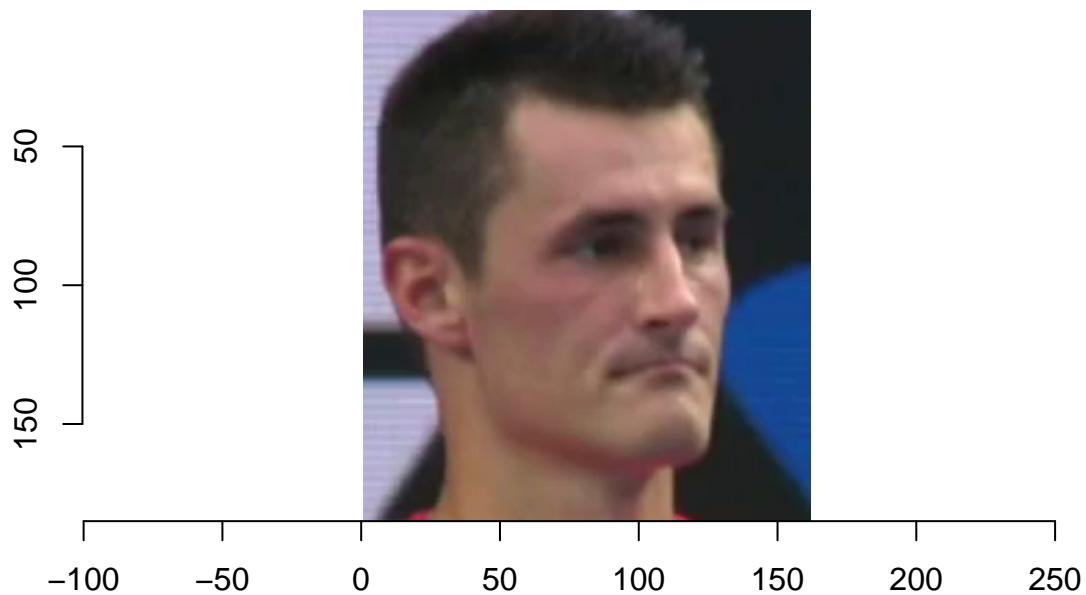
face-405-3-Go.png



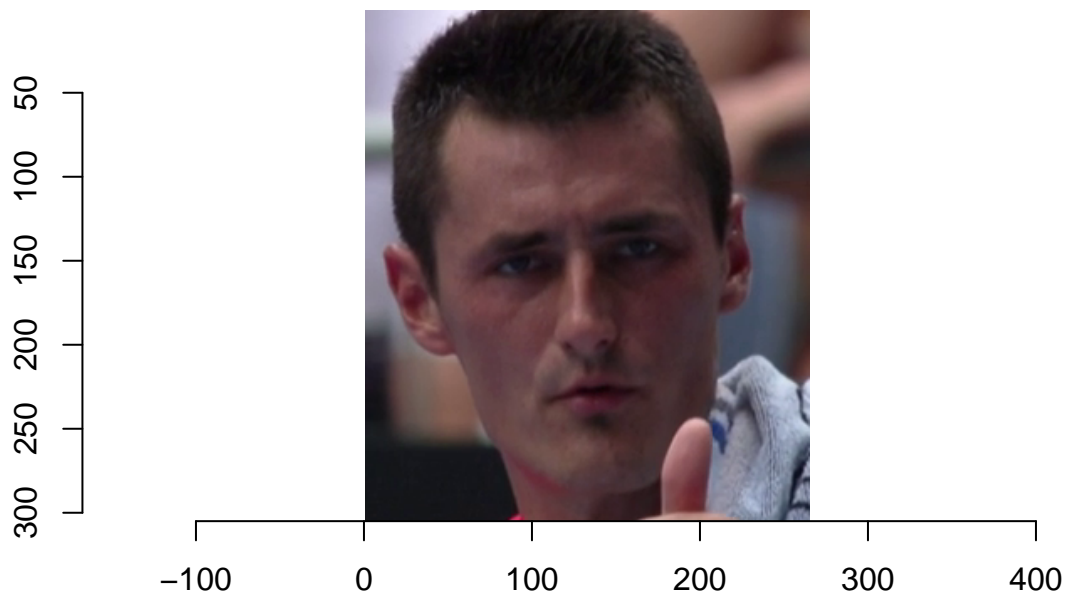
face-414-1-Go.png



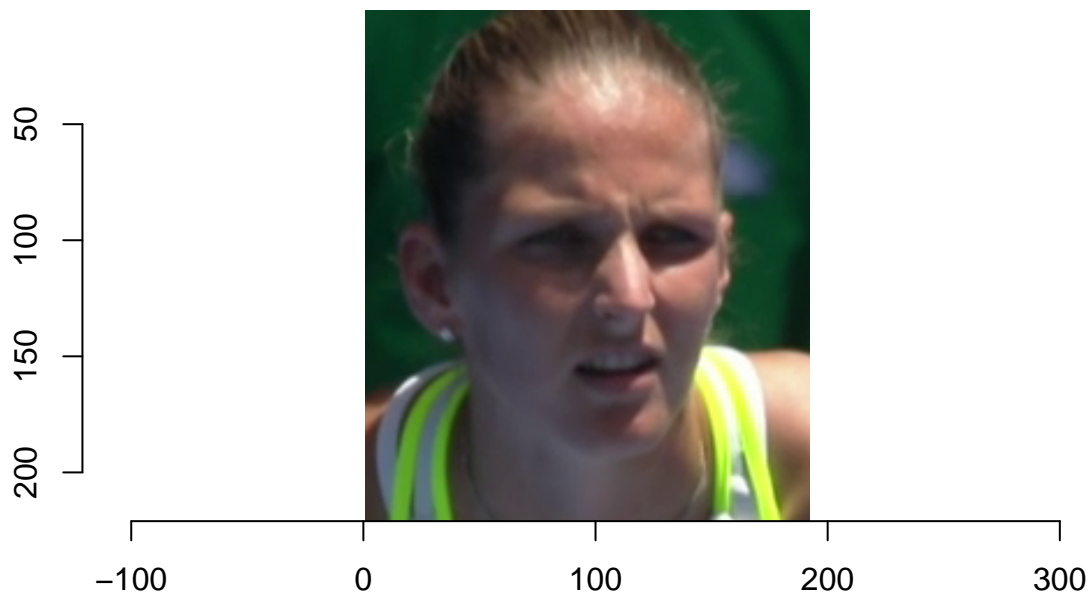
face-450-1-Go.png



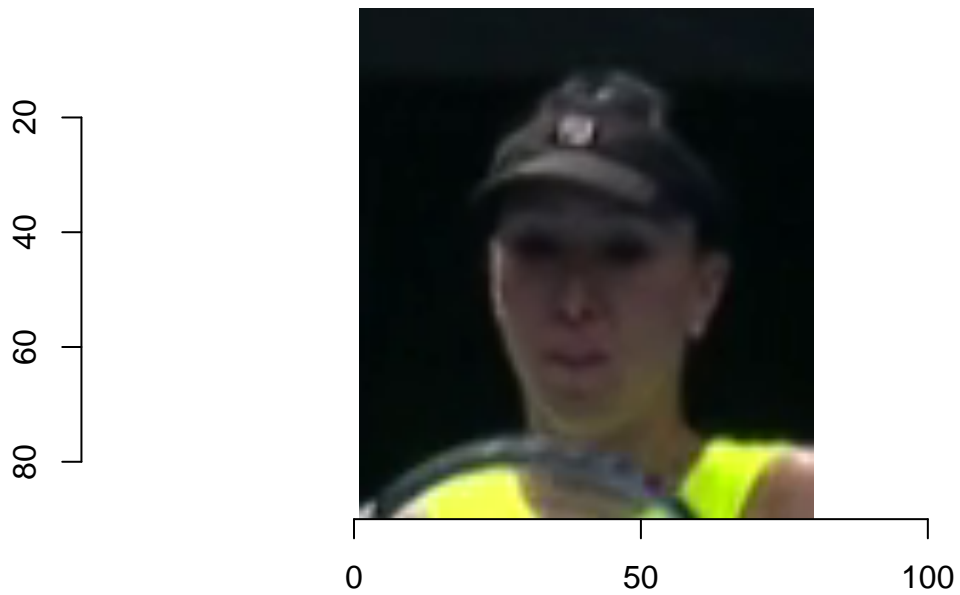
face-463-1-Go.png



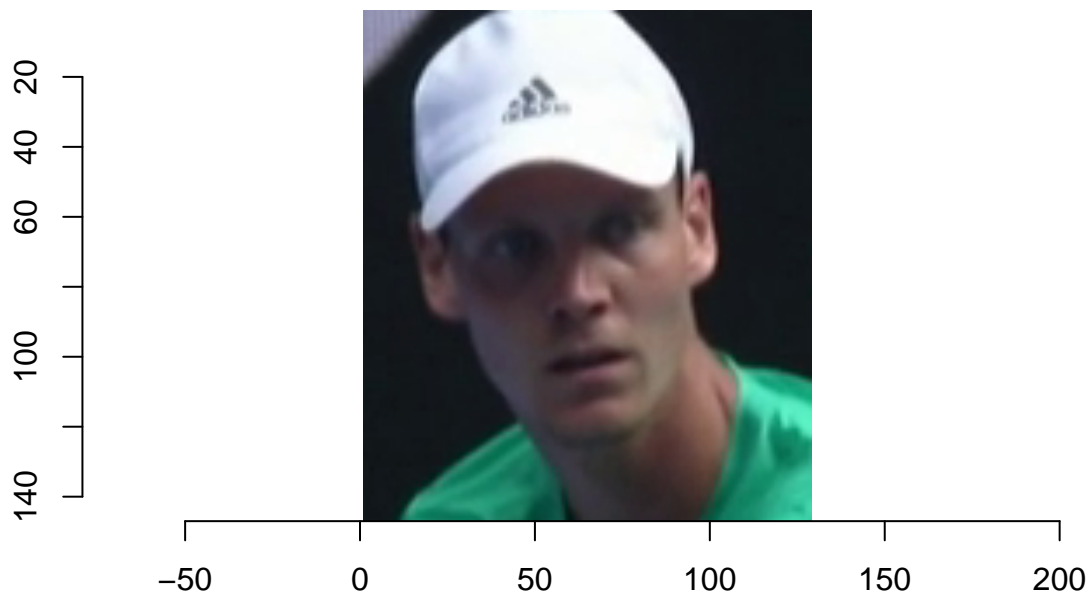
face-475-1-Go.png



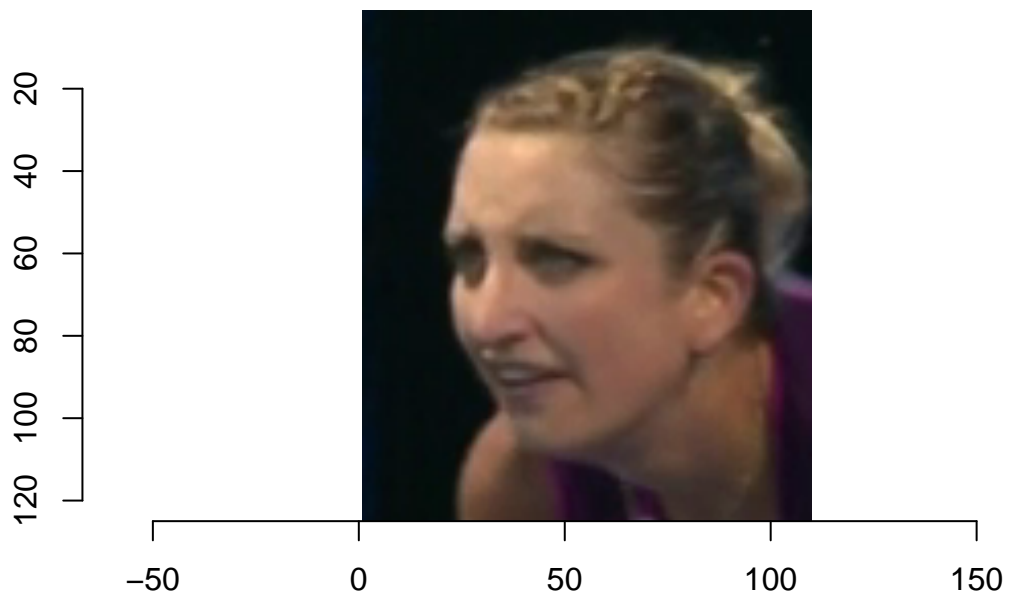
face-685-1-Go.png



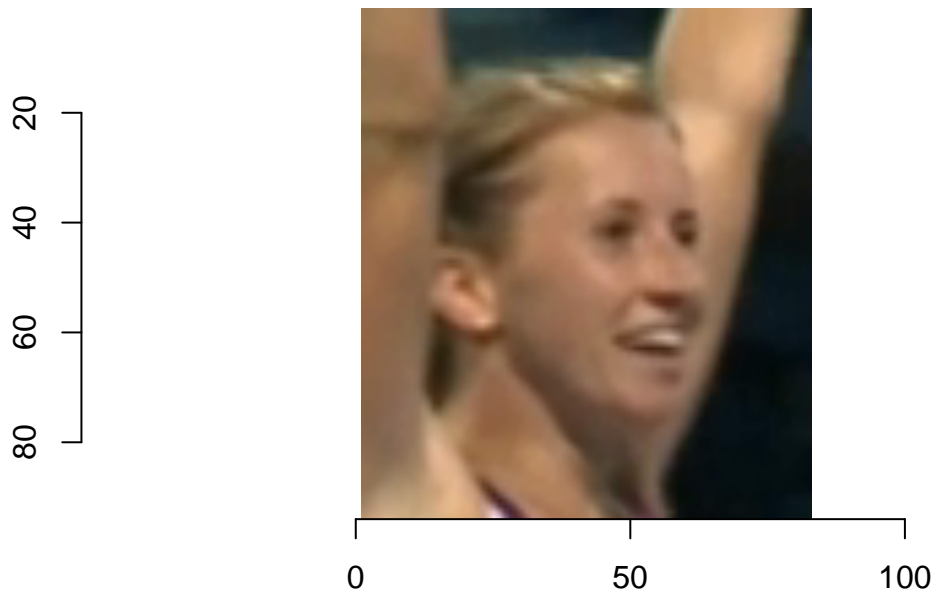
face-728-1-Go.png



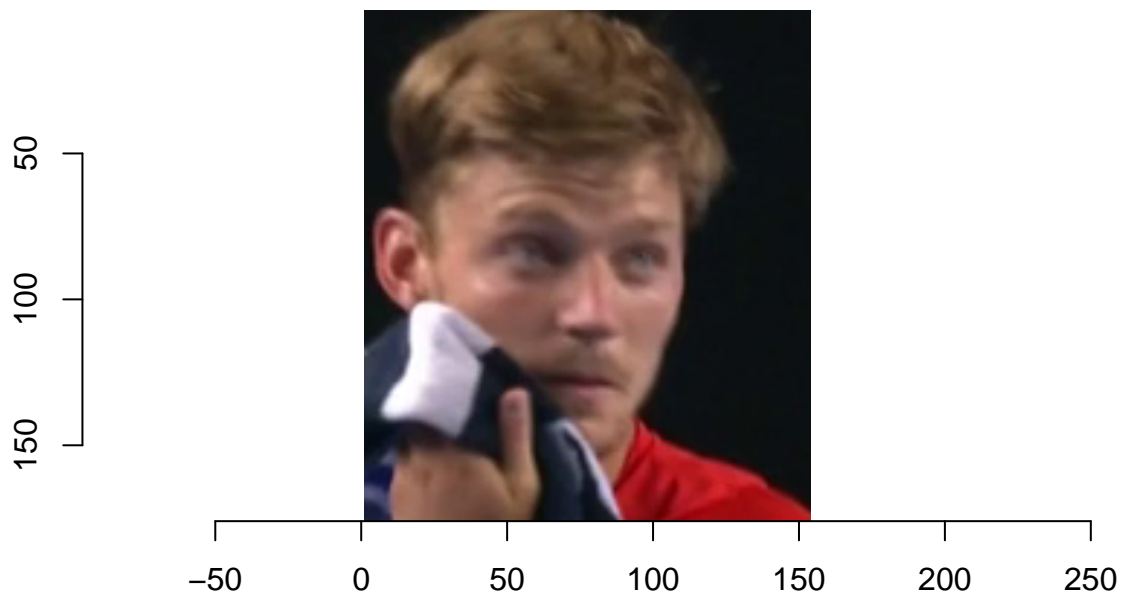
face-75-1-Go.png



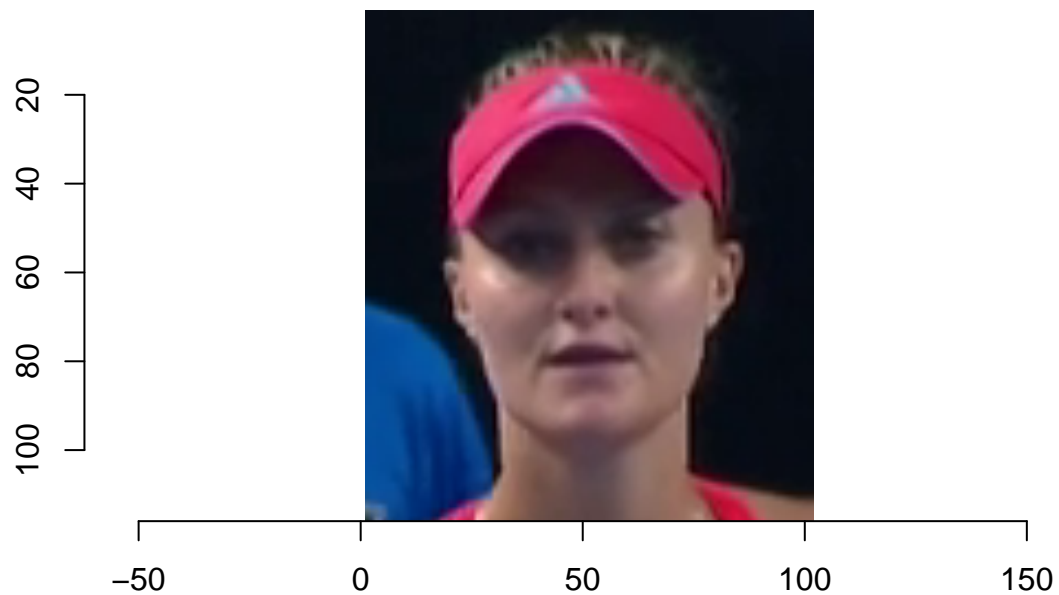
face-76-1-Go.png



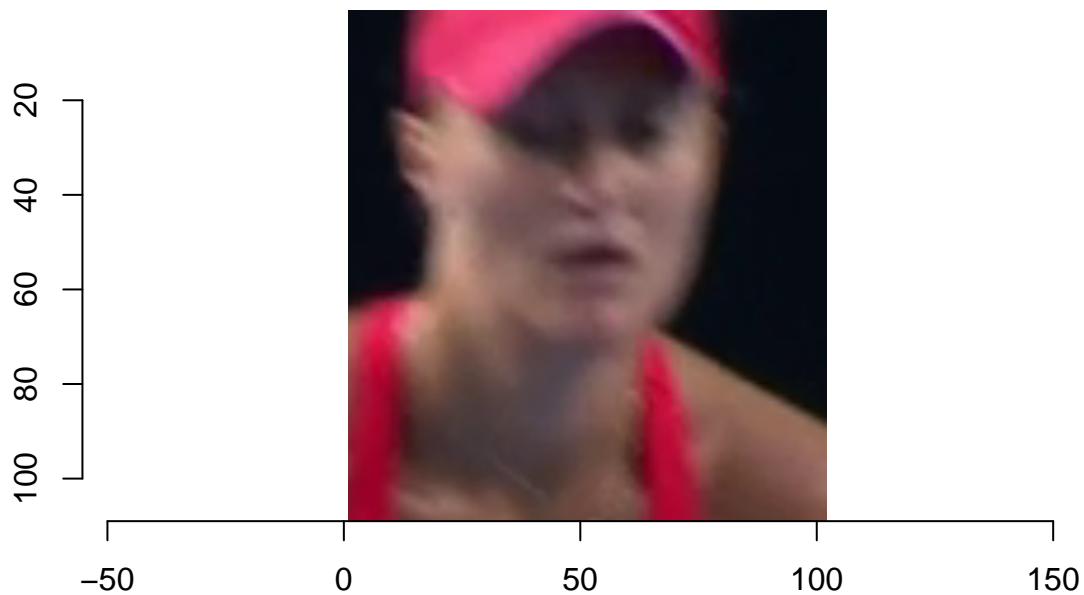
face-803-1-Go.png



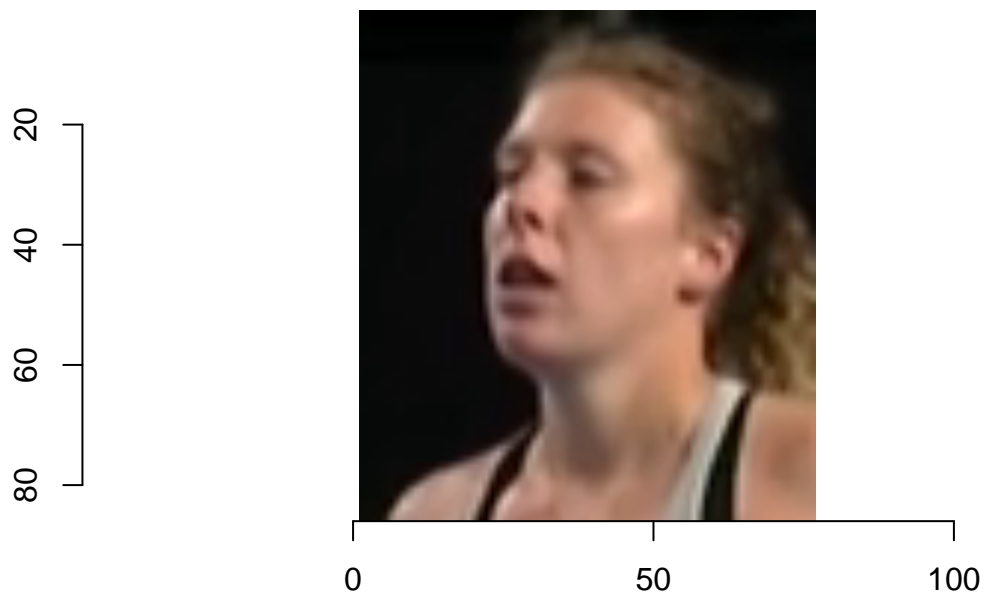
face-881-1-Go.png



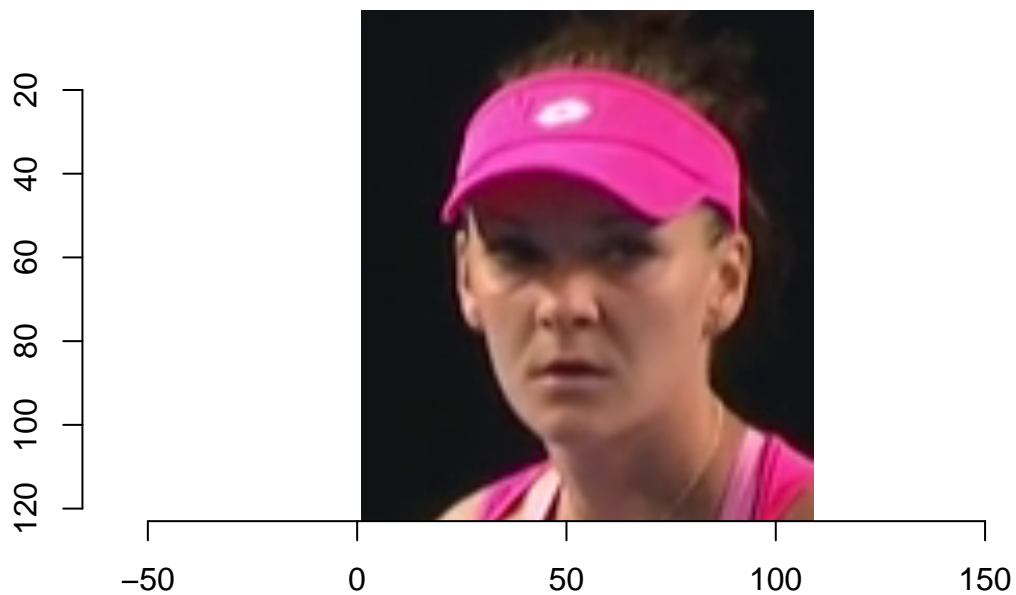
face-882-1-Go.png



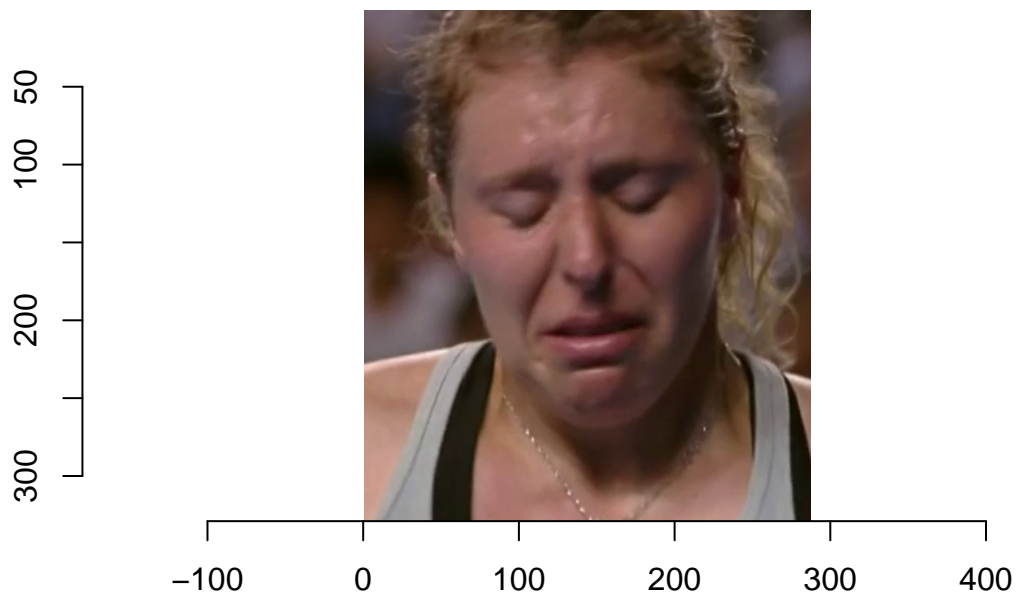
face-913-2-Go.png



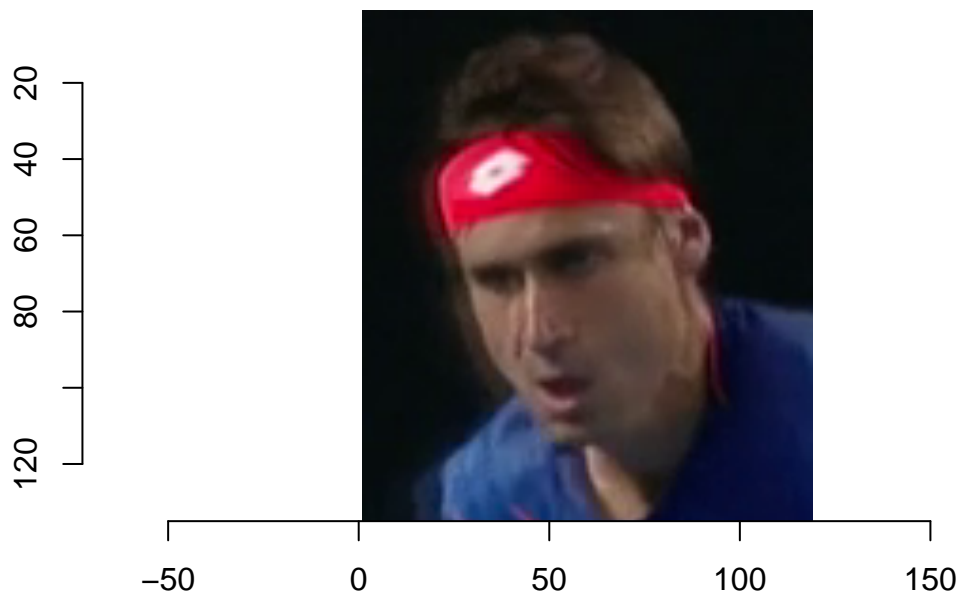
face-924-1-Go.png



face-947-1-Go.png



face-950-1-Go.png



face-96-1-Go.png

