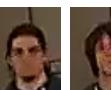
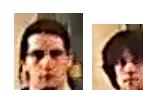
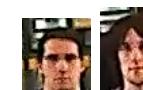
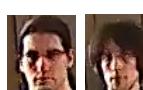
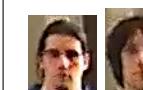
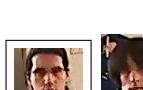
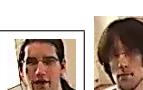
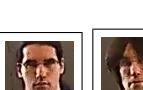
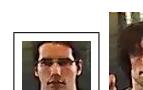
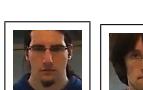
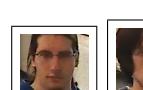
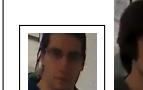
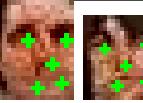
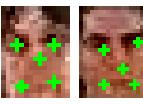
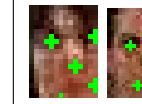
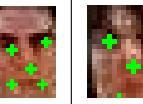
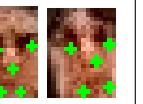
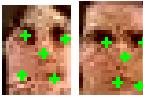
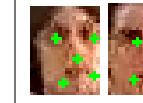
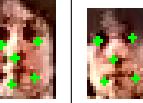
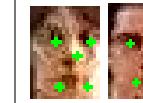
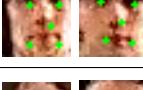
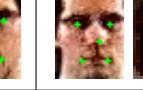
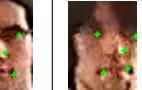
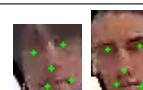
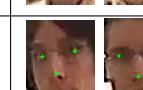
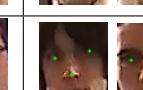
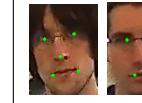
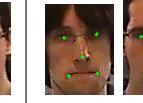
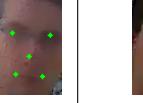


								
11								
10								
9								
8								
7								
6								
5								
4								
3								
2								
1								
	-3	-2	-1	0	+1	+2	+3	

Alle Angaben in Meter, relativ zur Kamera (0/0). Alle Bilder auf denen mit OpenFace ein Gesicht erkannt wurden sind mit einem Rahmen markiert und passend ausgeschnitten. Bei allen anderen wurde die manuell gesetzte Boundingbox für die Gesichtsdetektion verwendet.

								
11								
10								
9								
8								
7								
6								
5								
4								
3								
2								
1								
	-3	-2	-1	0	+1	+2	+3	

Alle Erkannten Gesichter mit Landmarks aus CNN

12							
11							
10							
9							
8							
7							
6							
5							
4							
3							
2							
1							

Neue Aufnahmen mit einer Digitalkamera (höhere Auflösung)

Verwende PCA zur entscheidung, wann ELSE oder OpenFace verwendet werden soll.

Standard deviations:

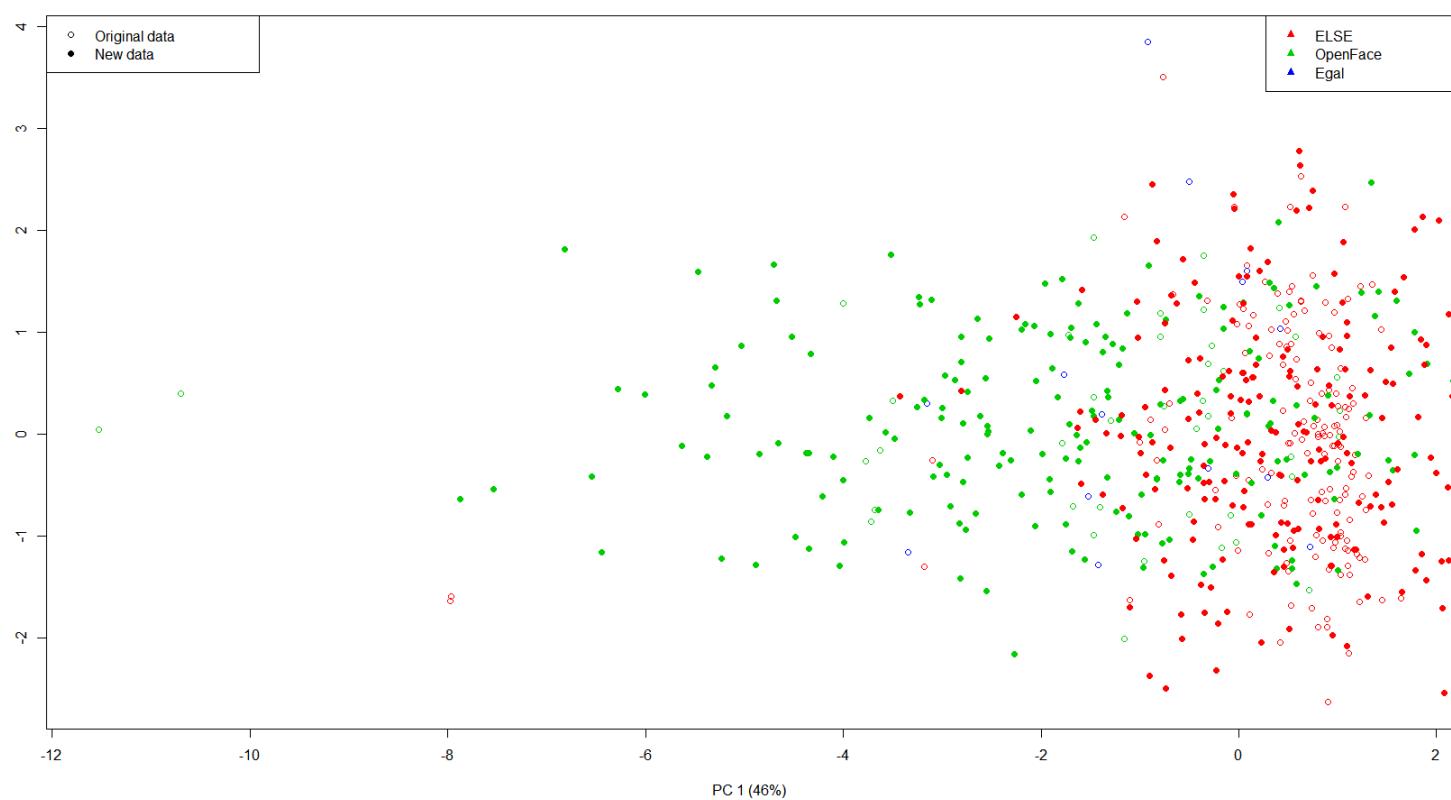
1.75729357 1.09938053 0.83442434 0.07655086 0.03402576

Komponenten:

	PC1	PC2	PC3	PC4	PC5
OpenFace_V	-0.1351327	-0.7124846767	0.6885116	-0.007108802	-0.002442010
Max_Eye	-0.5656450	0.0002136214	-0.1185755	-0.544608357	-0.607772371
Min_Eye	-0.5661722	-0.0028009289	-0.1138822	-0.253272316	0.776096091
ELSE_Size	-0.5654168	-0.0092375831	-0.1128741	0.799498764	-0.168165544
ELSE_V	0.1467573	-0.7016212381	-0.6972674	-0.002462106	0.001410611

Trennung min Min\_Eye:

0 – 4.5 OpenFace  
4.5 – 6 Beide  
> 6 ELSE



12							
11							
10							
9							
8							
7							
6							
5							
4							
3							
2							
1							

Umsetzung der Vereinigung ELSE&amp;OpenFace auf 80° und 6k/4k



Ergebnis mit Skalierung 170° und 2.7k/1.5k

5						
4	↑	↑	↑	↑	↑	↑
3	↑	↑	↑	↑	↑	↑
2	↓	↑	↑	↑		
1		▲	↓	▲		
	-2	-1	0	1	2	