

# Face Off Report

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September 2019

**Notations:**

**H:** Was able to impersonate the target person

**M:** Was able to change the identity to someone else

**U:** The original identity is not in recognizer dataset, also we couldn't impersonate the target person  
. \* in some cases even though we don't achieve the targets, with choosing different targets the recognizers identify different persons.

**L:** Couldn't fool the recognizer

# 1 Celebrities

## 1.1 Ali Daie

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Pete Sampras, Similarity: -0.250, BetaFace:UH(76)H(76) Clarifai:UUU



**Random** - Jennifer Aniston, Similarity: 0.085, BetaFace:UUU Clarifai:UUU



**Random** - George Robertson, Similarity: 0.083, BetaFace:UH(77)H(80) Clarifai:UUU

## 1.2 Chris Evans

Original image on BetaFace: Y, Clarifai: Y

eps:8



eps: 12



eps:16



**Furthest** - Mahathir Mohamad, Similarity: -0.409, BetaFace:MMM Clarifai:LMM



**Random** - Spencer Abraham, Similarity: -0.112, BetaFace:MMM Clarifai:LMM



**Random** - Michael Bloomberg, Similarity: 0.078, BetaFace:H(75)H(75)H(78) Clarifai:MMM



### 1.3 Cristiano Ronaldo

Original image on BetaFace: Y, Clarifai: Y

eps:8



eps: 12



eps:16



**Furthest** - Jose Maria Aznar, Similarity: -0.256, BetaFace:LMH(76) Clarifai:LLL



**Random** - Pervez Musharraf, Similarity: -0.242, BetaFace:MMM Clarifai:LLL



**Random** - John Bolton, Similarity: -0.048, BetaFace:LMM Clarifai:LMM

## 1.4 Jackie Chan

Original image on BetaFace: Y, Clarifai: Y

eps:8



eps: 12



eps:16



**Furthest** - Donald Rumsfeld, Similarity: -0.268, BetaFace:LLL Clarifai:LLL



**Random** - Julianne Moore, Similarity: -0.020, BetaFace:LLL Clarifai:LLL



**Random** - Tiger Woods, Similarity: 0.066, BetaFace:LLL Clarifai:LLL

## 1.5 Kim Jong un

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Trent Lott, Similarity: -0.301, BetaFace:UUU Clarifai:UUU



**Random** - Fidel Castro, Similarity: -0.067, BetaFace:UUU Clarifai:UUU



**Random** - Joschka Fischer, Similarity: 0.064, BetaFace:UUU Clarifai:UUU



## 1.6 Robert Downey

Original image on BetaFace: Y, Clarifai: Y

eps:8



eps: 12



eps:16



**Furthest** - Joshka Fischer, Similarity: -0.268, BetaFace:MMM Clarifai:LLM



**Random** - Arnold Schwarzenegger, Similarity: 0.130, BetaFace:LLH(80) Clarifai:LLH



**Random** - Winona Ryder, Similarity: -0.137, BetaFace:LLL Clarifai:LLL

## 1.7 Scarlet Johansson

Original image on BetaFace: Y, Clarifai: Y

eps:8



eps: 12



eps:16



**Furthest** - Jean Chretien, Similarity: -0.278, BetaFace:LMM Clarifai:MMM



**Random** - Trent Lott, Similarity: -0.035, BetaFace:LLM Clarifai:LLM



**Random** - Mohammed Al-Douri, Similarity: -0.191, BetaFace:LLL Clarifai:LMM

## 1.8 Taylor Swift

Original image on BetaFace: N, Clarifai: Y

eps:8



eps: 12



eps:16



**Furthest** - Jeremy Greenstock, Similarity: -0.240, BetaFace:UUU Clarifai:LLL



**Random** - George W Bush, Similarity: -0.128, BetaFace:UUU Clarifai:LML



**Random** - Paul Bremer, Similarity: -0.041, BetaFace:UUU Clarifai:LLL



## 1.9 Trump

Original image on BetaFace: Y, Clarifai: Y

eps:8



eps: 12



eps:16



**Furthest** - Hamid Karzai, Similarity: -0.316, BetaFace:LMH(78) Clarifai:L-



**Random** - Mahathir Mohamad, Similarity: -0.158, BetaFace:MMM Clarifai:—





**Random** - Hugo Chavez, Similarity: 0.014, BetaFace:LH(78)H(80) Clarifai:—

## 1.10 Vladimir Putin

Original image on BetaFace: Y, Clarifai: Y

eps:8



eps: 12



eps:16



**Furthest** - Abdullah Gul, Similarity: -0.256, BetaFace:LMM Clarifai:LLM



**Random** - Hugo Chavez, Similarity: 0.184, BetaFace:LLL Clarifai:LLL



**Random** - Hamid Karzai, Similarity: -0.114, BetaFace:LMM Clarifai:LLM

## 2 Famous

### 2.1 Ian Goodfellow

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Kofi Annan(BetaFace:Y), Similarity: -0.283, BetaFace:UUU Clarifai:UUU



**Random** - Gray Davis(BetaFace:Y), Similarity: 0.093, BetaFace:UUU Clarifai:UUU





**Random** - Michael Bloomberg(BetaFace:Y), Similarity: -0.095, BetaFace:UUU Clarifai:UUU

## 2.2 Max Amini

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Vicente Fox(BetaFace:Y), Similarity: -0.322, BetaFace:UUU Clarifai:UUU



**Random** - Jiang Zemin(BetaFace:Y), Similarity: -0.070, BetaFace:UUU Clarifai:UUU



**Random** - Renee Zellweger(BetaFace:Y), Similarity: -0.210, BetaFace:UUU Clarifai:UUU



## 2.3 Amy tan

Original image on BetaFace: Y, Clarifai: N  
eps: 12

eps:8



eps:16



**Furthest** - Britney Spears, Similarity: -0.331, BetaFace:LLL Clarifai:UUU



**Random** - Jack Straw, Similarity: -0.067, BetaFace:LLL Clarifai:UUU



**Random** - Ricardo Lagos, Similarity: -0.026, BetaFace:LLM Clarifai:UUU

## 2.4 Hamad bin Khalifa Al Thani,

Original image on BetaFace: Y, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Lance Armstrong, Similarity: -0.326, BetaFace:LMM Clarifai:UUU



**Random** - Halle Berry, Similarity: 0.114, BetaFace:LLM Clarifai:UUU



**Random** - Naomi Watts, Similarity: -0.161, BetaFace:LLL Clarifai:UUU

## 2.5 Ko Un

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Bill Clinton(BetaFace:Y), Similarity: -0.235, BetaFace:UUU Clarifai:UUU



**Random** - Julianne Moore(BetaFace:Y), Similarity: 0.018, BetaFace:UUU Clarifai:UUU





**Random** - George W Bush(BetaFace:Y), Similarity: 0.200, BetaFace:UUU Clarifai:UUU



## 2.6 Philip roth

Original image on BetaFace: Y, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Norah Jones, Similarity: -0.299, BetaFace:LLL Clarifai:UUU



**Random** - David Beckham, Similarity: 0.046, BetaFace:LLL Clarifai:UUH



**Random** - Paul Bremer, Similarity: -0.028, BetaFace:LLL Clarifai:UUU

## 2.7 Reza Ghoochan Nejhad

Original image on BetaFace: N, Clarifai: N

eps:8



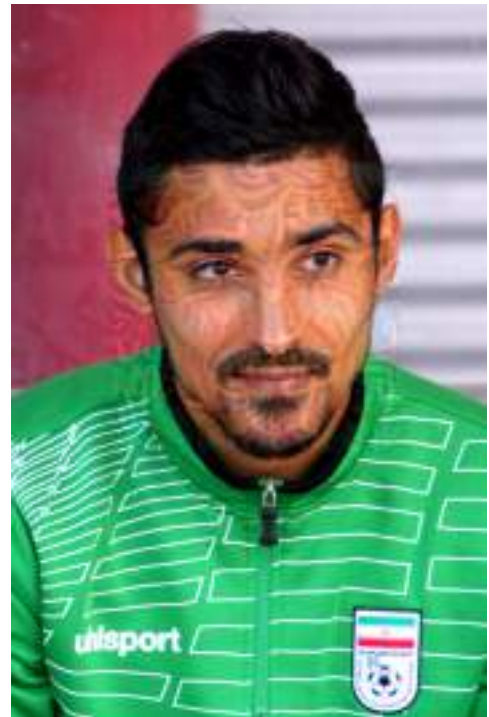
eps: 12



eps:16



**Furthest** - Tom Daschle(BetaFace:Y), Similarity: -0.331, BetaFace:UUU Clarifai:UUU



**Random** - Rudolph Giuliani(BetaFace:Y), Similarity: -0.097, BetaFace:UUU Clarifai:UUU



**Random** - Nestor Kirchner(BetaFace:Y), Similarity: 0.055, BetaFace:UUU Clarifai:UUU



## 2.8 Simin daneshvar

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Winona Ryder(BetaFace:Y), Similarity: -0.188, BetaFace:UUU Clarifai:UUU



**Random** - Junichiro Koizumi(BetaFace:Y), Similarity: 0.105, BetaFace:UUU Clarifai:UUU



**Random** - Kofi Annan(BetaFace:Y), Similarity: 0.138, BetaFace:UUU Clarifai:UUU

## 2.9 Steve Toltz

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - John Snow(BetaFace:N), Similarity: -0.341, BetaFace:UUU Clarifai:UUU



**Random** - Ariel Sharon(BetaFace:Y), Similarity: 0.113, BetaFace:UUU Clarifai:UUU



**Random** - Joschka Fischer(BetaFace:Y), Similarity: -0.144, BetaFace:UUU Clarifai:UUU



## 2.10 Yoshua Bengio

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Tiger Woods, Similarity: -0.254, BetaFace:UUU Clarifai:UUU



**Random** - Julie Gerberding(BetaFace:N), Similarity: -0.003, BetaFace:UUU Clarifai:UUU



**Random** - Roh Moo-hyun(BetaFace:Y), Similarity: -0.035, BetaFace:UUU Clarifai:UUU

### 3 Not Famous

#### 3.1 Joxan Jaffar

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Richard Myers(BetaFace:Y), Similarity: -0.209, BetaFace:UUU Clarifai:UUU



**Random** - Guillermo Coria(BetaFace:Y), Similarity: 0.028, BetaFace:UUH(75) Clarifai:UUU



**Random** - Jiang Zemin(BetaFace:Y), Similarity: 0.418, BetaFace:H(88)H(87)H(88) Clarifai:UUU

### 3.2 Mohammad Reza Meybodi

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Carlos Moya(BetaFace:Y), Similarity: -0.237, BetaFace:UUU Clarifai:UUU



**Random** - Kofi Annan, Similarity: 0.266, BetaFace:UH(76)H(79) Clarifai:UUU





**Random** - Pervez Musharraf(BetaFace:Y), Similarity: 0.400, BetaFace:H(80)H(82)H(85) Clarifai:UUU

### 3.3 Ulrike Grossner

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Jack Straw(BetaFace:Y), Similarity: -0.309, BetaFace:UUU Clarifai:UUU



**Random** - Hans Blix(BetaFace:Y), Similarity: -0.052, BetaFace:UUU Clarifai:UUU



**Random** - John Snow(BetaFace:N), Similarity: -0.138, BetaFace:— Clarifai:UUU

### 3.4 Mehmet Fatih Yanik

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Bill Simon(BetaFace:N), Similarity: -0.288, BetaFace:— Clarifai:UUU



**Random** - Joschka Fischer(BetaFace:Y), Similarity: 0.107, BetaFace:H(81)H(85)H(86) Clarifai:UUU



**Random** - Guillermo Coria(BetaFace:Y), Similarity: -0.070, BetaFace:UH(79)H(77) Clarifai:UUU



### 3.5 Brian Lim

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - David Beckham, Similarity: -0.294, BetaFace:UH(75)H(78) Clarifai:UUU



**Random** - Jiang Zemin(BetaFace:Y), Similarity: 0.191, BetaFace:H(81)H(87)H(86) Clarifai:UUU



**Random** - John Snow(BetaFace:N), Similarity: -0.047, BetaFace:— Clarifai:UUU



### 3.6 Reza Shokri

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Gerhard Schroeder(BetaFace:Y), Similarity: -0.352, BetaFace:UUU Clarifai:UUU



**Random** - Paul Bremer, Similarity: -0.083, BetaFace:UH(76)H(76) Clarifai:UUU



**Random** - Vicente Fox(BetaFace:Y), Similarity: -0.352, BetaFace:UUU Clarifai:UUU

### 3.7 Tan Eng Chye

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Paul Bremer(BetaFace:Y), Similarity: -0.251, BetaFace:UUU Clarifai:UUU



**Random** - Tiger Woods, Similarity: 0.213, BetaFace:UUU Clarifai:UUU



**Random** - Jeremy Greenstock(BetaFace:N), Similarity: 0.012, BetaFace:UUU Clarifai:UUU

### 3.8 Vanessa Wood

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - Tom Daschle, Similarity: -0.272, BetaFace:UUU Clarifai:UUU



**Random** - John Negroponte(BetaFace:Y), Similarity: -0.101, BetaFace:UUU Clarifai:UUU



**Random** - Lance Armstrong, Similarity: 0.096, BetaFace:H(79)H(78)H(81) Clarifai:UUU



### 3.9 Helmut Bolcskei

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - James Blake(BetaFace:N), Similarity: -0.276, BetaFace:— Clarifai:UUU



**Random** - Tiger Woods, Similarity: 0.115, BetaFace:UUU Clarifai:UUU



**Random** - Jose Maria Aznar, Similarity: 0.242, BetaFace:H(83)H(85)H(86) Clarifai:UUU



### 3.10 Klaas Prussmann

Original image on BetaFace: N, Clarifai: N

eps:8



eps: 12



eps:16



**Furthest** - David Beckham, Similarity: -0.272, BetaFace:UUU Clarifai:UUU



**Random** - Bill Clinton, Similarity: -0.091, BetaFace:UUU Clarifai:UUU



**Random** - Joschka Fischer, Similarity: 0.047, BetaFace:H(77)H(76)H(79) Clarifai:UUU