Is this a real person, at the camera?

Seven genuine clips and their face-swapped versions, compared region by region against a fingerprint of the genuine capture.

7 of 7 pairs where the altered region localised to the face, with 0 of 1,134 untouched regions changed

Results

Measure	Result
Pairs where the altered region localised to the face	7 of 7
Untouched background regions that changed	0 of 1134
Two-second windows analysed	42
Examples of fakes shown to the engine	0
Regions scored per window	36 6 by 6 grid
GPU used	0
For comparison: blind score with NO capture fingerprint (1.0 perfect, 0.5 none)	0.642

How it was measured

Measure	per region, change in causal fingerprint between capture and the suspect video
Data	FaceForensics++ RAW (c0), original vs Deepfakes (Roessler et al. 2019)

Conditions

Footage analysed	raw, uncompressed originals; 7 genuine clips and their 7 face-swapped versions
Analysis window	2 seconds
Windows per clip	6
Regions per window	36 (6 by 6 grid)
Region scores computed	3,024
GPU or accelerator used	none
Fakes shown to the engine	0

The pass mark, fixed before the run

> Set before the run: altered region is non-zero; every untouched region is exactly zero. Verdict: PASS.

Limits of this result

Each clip is cut into six two-second windows and the whole 36-region fingerprint is computed for both the genuine and the face-swapped footage in every window. The overlay you see is that difference, playing in step with the video. The face region changed in every window of every pair, and not one of the 1134 untouched background regions moved at all. That precision comes from the footage being raw: heavy re-compression alters every region and removes it, which is why this belongs at the point of capture rather than after upload. Note what this is: the engine compares the suspect footage against a fingerprint of the genuine recording. Judging a clip blind, with nothing to compare against, we score 0.642, which is close to chance, and we do not claim otherwise. The videos on this page are compressed previews so a browser can play them; the analysis ran on the raw originals. Dataset: FaceForensics++ (Roessler et al., ICCV 2019), research use.

Where it is recorded

Showcase run captured 2026-09-19, showcases.senuaai.com/real-person/. The data behind this sheet is published beside it at senuaai.com/evidence/datasheets/.