

Your Facial Age:

57 **Your Eye Age:**50

# Eye Bags: 51 (From 1 - 100, higher is better)

Eye bags, dark circles, and lacrimal groove progressions are associated with aging, but can also be a sign of lack of sleep, nutrient deficiencies or stagnation of blood vessels beneath the skin. Your photo is analyzed by a deep learning segmentation algorithm, and identifies dark circles, eye bags, lacrimal groove region, their severity, and size.

#### Learn how to improve your Eye Bag score

# Facial Wrinkles: 14 (From 1 - 100, higher is better)

Wrinkles are a sign of the aging process. As we age, combined with adverse environmental factors like UV rays, cigarette smoke and pollutants, the amount of collagen and hyaluronic acid decreases, and the skin loses elasticity and moisture. The result is wrinkles, which deepen over time. Your photo is segmented by areas with wrinkles using deep learning and computer vision methods. For each wrinkle, the algorithm computes the severity, which is combined to output a score.

Learn how to improve your Wrinkles score

Facial Uniformity:
66
(From 1 - 100, lower is better)

Face uniformity considers how smooth and even your skin is. It accounts for eruption, age spots, freckles, blood vessels that are close to the surface, as well as texture-associated skin features. Your photo is processed by dissimilarity integral statistics with respect to color diversity.

#### Learn how to improve your Uniformity score

#### **Facial Pores:**

83

(From 1 - 100, The higher is better)

Pores are small openings in the skin that release oils and sweat. Pores appear larger due to increased sebum production, acne, sun damage and loss of skin elasticity from aging. Your photo is processed by the pore detection algorithm, which is based on a combination of computer vision and deep learning methods.

#### Learn how to improve your Facial Pores score

#### **Facial Redness:**

51

(From 1 - 100, higher is better)

Our skin has a natural pink hue because of blood vessels. Higher levels of redness can be associated with allergic reactions and inflammation. The most common environmental factors that cause facial redness are cold air and UV radiation from the sun.

Learn how to improve your Facial Redness score

# About our results

1. Our algorithms are tuned for people over 18 years old.

If you are younger, it will likely think you are older than you actually look.

2. Our algorithms are based on deep learning and mimic human perception of aging.

The algorithm is trained on perceived ages assigned to images by human evaluators. Although accurate

in most cases, it's not perfect. Please don't take it personally.

### 3. Technical details (for us geeks):

Perceived Age MAE = 3.2 years,
Pearson correlation coefficient = 0.95
Eye Age MAE = 2.3 years

Eye area condition Pearson correlation coefficients = 0.81 - 0.86
Wrinkles Pearson correlation coefficient = 0.75
Face Redness Pearson correlation coefficient = 0.86
Face Uniformity Pearson correlation coefficient = 0.78
Pores Pearson correlation coefficient = 0.73

## Want to slow your aging & improve your skin?

NOVOS Core is the world's only scientific formula that impacts the 12 Mechanisms of Aging, formulated by world-renowned longevity scientists at Harvard, MIT, the Salk Institute, and more.



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