

Hypotheses:

- 1) Semicircular wrinkles around the tails of eyes increase the estimated age.
- 2) Horizontal wrinkles on the forehead increase the estimated age.
- 3) A shrunked chin and faces increase the estimated age.
- 4) A lower position of the corners of the mouth increases the estimated age.
- 5) A lower position of the eyebrows increases the estimated age.

The baseline estimate made by the server was at follows:

Martin - 29

Vlasta - 34

For each of the hypotheses, I have made five tests for each of the photos, where a higher number of the test corresponds to a more accentuated feature (and in the case of H4, 0 stands for an accentuation in the opposite way). The numbers on the right denote the age estimated by the server.

H1:

Martin 1 - 27

Martin 2 - 27

Martin 3 - 27

Martin 4 - 27

Martin 5 - 27

Vlasta 1 - 38

Vlasta 2 - 38

Vlasta 3 - 38

Vlasta 4 - 44

Vlasta 5 - 44

Conclusion: The wrinkles were noticeable, but the extent of their accentuation was almost not noticeable. The hypothesis should not be regarded as true based on these data.

H2:

Martin 1 - 27

Martin 2 - 28

Martin 3 - 27

Martin 4 - 26

Martin 5 - 26

Vlasta 1 - 37

Vlasta 2 - 34

Vlasta 3 - 38

Vlasta 4 - 44

Vlasta 5 - 36

Conclusion: We can see only slight fluctuations (except the anomaly Vlasta 4) and the hypothesis can not really be confirmed.

H3:

Martin 1 - 29

Martin 2 - 25

Martin 3 - 27

Martin 4 - 22

Martin 5 - 25

Vlasta 1 - 34

Vlasta 2 - 34

Vlasta 3 - 37

Vlasta 4 - 27

Vlasta 5 - 8

Conclusion: Based on the data, the hypothesis can be rejected. Maybe a more uniform deformation should be used.

H4:

Martin 0 - 27

Martin 1 - 23

Martin 2 - 29

Martin 3 - 23

Martin 4 - 28

Vlasta 0 - 30

Vlasta 1 - 34

Vlasta 2 - 43

Vlasta 3 - 36

Vlasta 4 - 39

Conclusion: There does not seem to be a clear pattern to the data (which could very well be the fault of the poorly done modifications). The hypothesis cannot be confirmed.

H5:

Martin 1 - 26

Martin 2 - 24

Martin 3 - 24

Martin 4 - 23

Martin 5 - 25

Vlasta 1 - 33

Vlasta 2 - 34

Vlasta 3 - 34

Vlasta 4 - 34

Vlasta 5 - 30

Conclusion: The changes affected the estimates only slightly, but based on the data, the hypothesis can be rejected.