

A

B

C

D

E

The picture above shows 5 different faces and this questionnaire wants to find out people’s opinion towards different machine learning methods(Extra trees/K-nn/Linear regression/Ridge).

(Tips: For each row, the right hand side is the original person, the other four are results drawn by different computing methods.)

Please answer all these questions honestly and explain your own ideas about those training results carefully.

1.For each faces, which pictures or which methods((Extra trees/K-nn/Linear regression/Ridge) trains the best(The face looks more real to the original one)?

A — extra trees

B — extra trees

C — linear regression

D — extra trees

E — extra trees

2.Looking at all 5 faces, which methods do u think is the best(the total effect) and explain the your reason?

Extra trees

3.Give 1 strength and 1 weakness for each method.(Not compulsory, just write what you think)

Strength:

more natural | clearer edges | sharper shapes | fit the general image better

Weakness:

the image is not clear enough| the shape of mouth is far from the original | too much unnecessary lines | destroyed the expressions on the face