

Neural Network Architecture for the Both Eyes

Table S1. Neural network architecture for analyzing both eyes.

| Layer | Operation | Output |
|--------------|--|-----------|
| input1 | - | 512x512x3 |
| input2 | - | 512x512x3 |
| feature map1 | feature map of the neural network for a single eye | 16x16x512 |
| feature map2 | feature map of the neural network for a single eye | 16x16x512 |
| pool1 | global average pool | 512 |
| pool2 | global average pool | 512 |
| concat | concatenate pool1 and pool2 | 1024 |
| dense1 | fully connected | 32 |
| dense2 | fully connected | 1 |
| output | sigmoid | 1 |