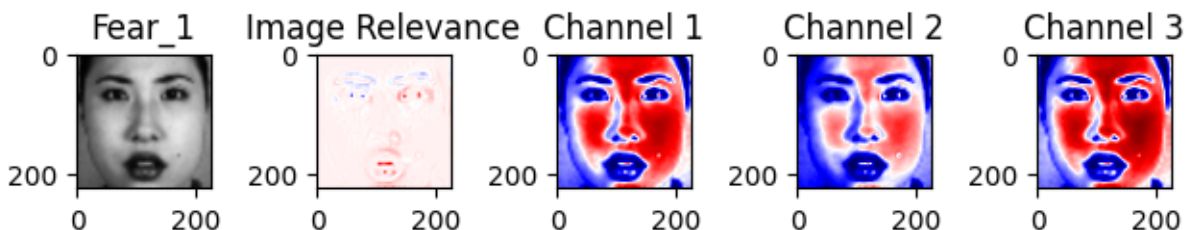


```
<ipython-input-32-3641deb26041>:27: UserWarning: Creating a tensor from a
list of numpy.ndarrays is extremely slow. Please consider converting the list
to a single numpy.ndarray with numpy.array() before converting to a tensor.
(Triggered internally at ../torch/csrc/utils/tensor_new.cpp:261.)
```

```
activations[-1] = torch.FloatTensor([one_hot_output]).to(device)
```

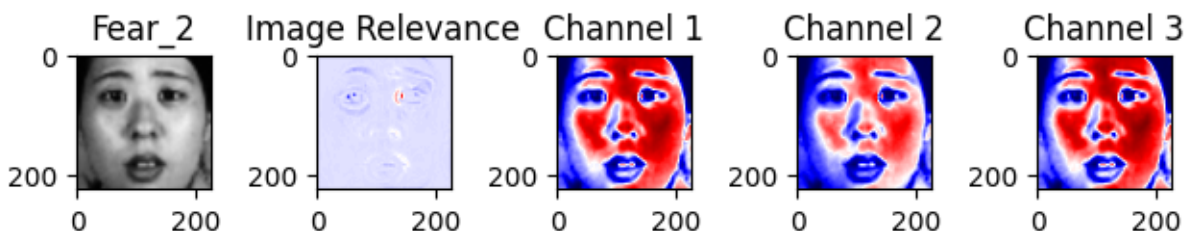
Groundtruth for this image: Fear



```
-----
Contribution of pixels in the range [ 0.0 0.1 ] is : 2
Contribution of pixels in the range [ 0.1 0.2 ] is : 3
Contribution of pixels in the range [ 0.2 0.3 ] is : 15
Contribution of pixels in the range [ 0.3 0.4 ] is : 75
Contribution of pixels in the range [ 0.4 0.5 ] is : 139974
Contribution of pixels in the range [ 0.5 0.6 ] is : 10250
Contribution of pixels in the range [ 0.6 0.7 ] is : 147
Contribution of pixels in the range [ 0.7 0.8 ] is : 40
Contribution of pixels in the range [ 0.8 0.9 ] is : 12
Contribution of pixels in the range [ 0.9 1.0 ] is : 9
```

Medium Fear

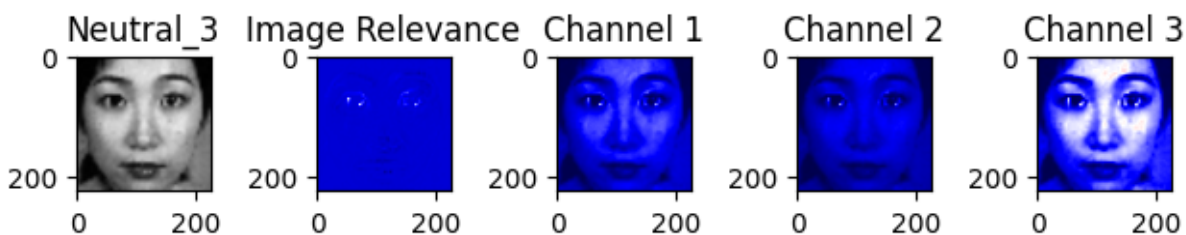
Groundtruth for this image: Fear



```
-----
Contribution of pixels in the range [ 0.0 0.1 ] is : 2
Contribution of pixels in the range [ 0.1 0.2 ] is : 4
Contribution of pixels in the range [ 0.2 0.3 ] is : 14
Contribution of pixels in the range [ 0.3 0.4 ] is : 99
Contribution of pixels in the range [ 0.4 0.5 ] is : 149587
Contribution of pixels in the range [ 0.5 0.6 ] is : 772
Contribution of pixels in the range [ 0.6 0.7 ] is : 28
Contribution of pixels in the range [ 0.7 0.8 ] is : 15
Contribution of pixels in the range [ 0.8 0.9 ] is : 0
Contribution of pixels in the range [ 0.9 1.0 ] is : 6
```

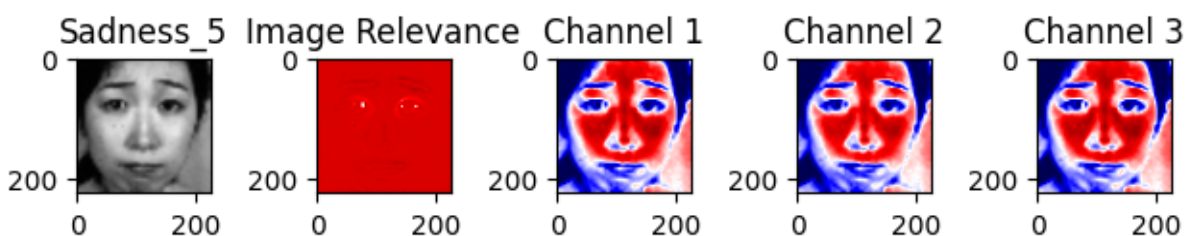
Medium Fear

Groundtruth for this image: Neutral



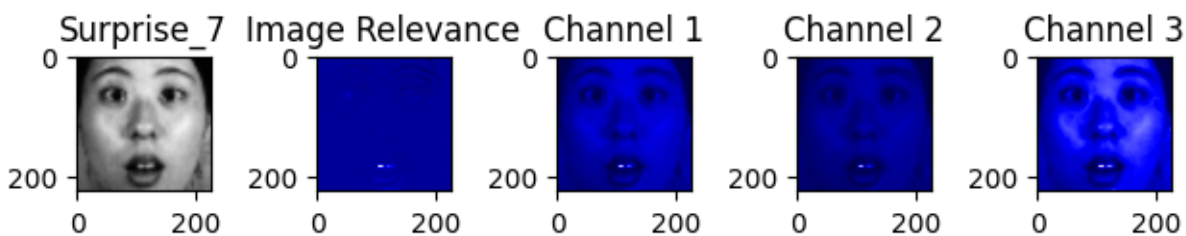
Contribution of pixels in the range [0.0 0.1] is : 12
 Contribution of pixels in the range [0.1 0.2] is : 10084
 Contribution of pixels in the range [0.2 0.3] is : 140130
 Contribution of pixels in the range [0.3 0.4] is : 236
 Contribution of pixels in the range [0.4 0.5] is : 38
 Contribution of pixels in the range [0.5 0.6] is : 13
 Contribution of pixels in the range [0.6 0.7] is : 6
 Contribution of pixels in the range [0.7 0.8] is : 6
 Contribution of pixels in the range [0.8 0.9] is : 0
 Contribution of pixels in the range [0.9 1.0] is : 2
 Low Neutral

Groundtruth for this image: Sadness



Contribution of pixels in the range [0.0 0.1] is : 1
 Contribution of pixels in the range [0.1 0.2] is : 0
 Contribution of pixels in the range [0.2 0.3] is : 14
 Contribution of pixels in the range [0.3 0.4] is : 6
 Contribution of pixels in the range [0.4 0.5] is : 19
 Contribution of pixels in the range [0.5 0.6] is : 28
 Contribution of pixels in the range [0.6 0.7] is : 75
 Contribution of pixels in the range [0.7 0.8] is : 1316
 Contribution of pixels in the range [0.8 0.9] is : 148884
 Contribution of pixels in the range [0.9 1.0] is : 184
 High Sadness

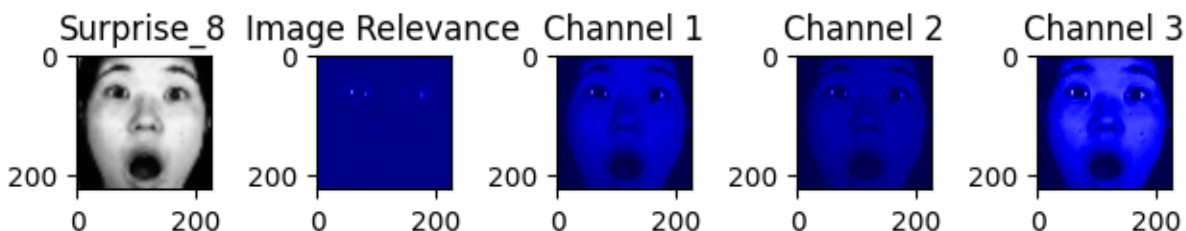
Groundtruth for this image: Surprise



Contribution of pixels in the range [0.0 0.1] is : 21581
 Contribution of pixels in the range [0.1 0.2] is : 128753

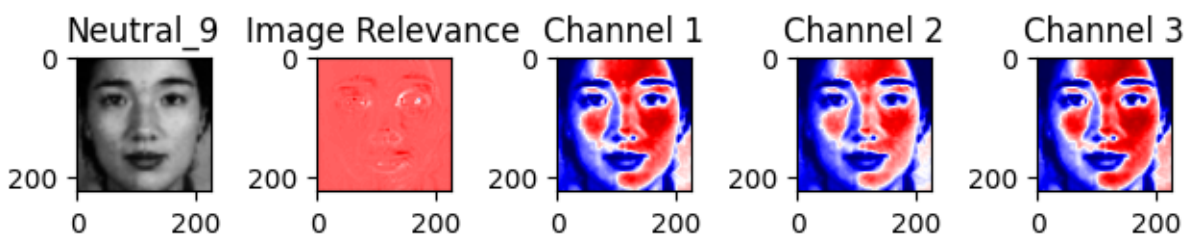
Contribution of pixels in the range [0.2 0.3] is : 136
Contribution of pixels in the range [0.3 0.4] is : 30
Contribution of pixels in the range [0.4 0.5] is : 14
Contribution of pixels in the range [0.5 0.6] is : 6
Contribution of pixels in the range [0.6 0.7] is : 1
Contribution of pixels in the range [0.7 0.8] is : 3
Contribution of pixels in the range [0.8 0.9] is : 2
Contribution of pixels in the range [0.9 1.0] is : 1
Low Surprise

Groundtruth for this image: Surprise



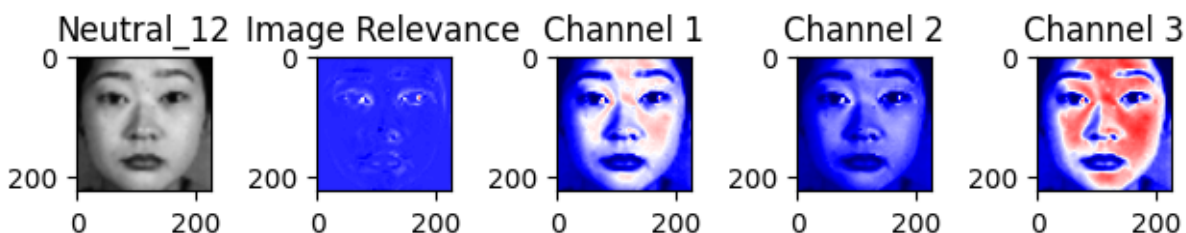
Contribution of pixels in the range [0.0 0.1] is : 647
Contribution of pixels in the range [0.1 0.2] is : 149598
Contribution of pixels in the range [0.2 0.3] is : 187
Contribution of pixels in the range [0.3 0.4] is : 62
Contribution of pixels in the range [0.4 0.5] is : 18
Contribution of pixels in the range [0.5 0.6] is : 7
Contribution of pixels in the range [0.6 0.7] is : 4
Contribution of pixels in the range [0.7 0.8] is : 2
Contribution of pixels in the range [0.8 0.9] is : 1
Contribution of pixels in the range [0.9 1.0] is : 1
Low Surprise

Groundtruth for this image: Neutral



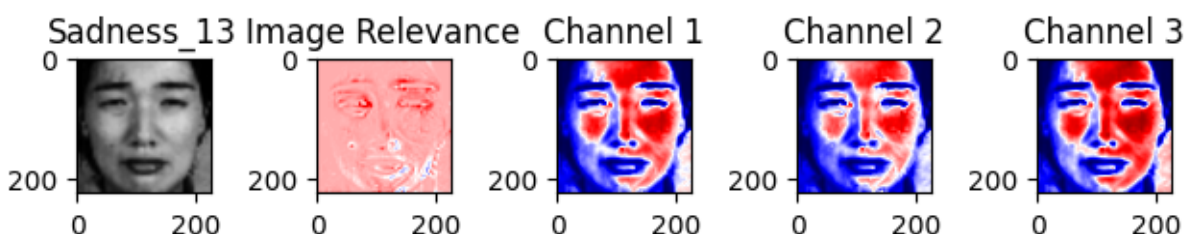
Contribution of pixels in the range [0.0 0.1] is : 0
Contribution of pixels in the range [0.1 0.2] is : 1
Contribution of pixels in the range [0.2 0.3] is : 3
Contribution of pixels in the range [0.3 0.4] is : 7
Contribution of pixels in the range [0.4 0.5] is : 50
Contribution of pixels in the range [0.5 0.6] is : 1047
Contribution of pixels in the range [0.6 0.7] is : 149232
Contribution of pixels in the range [0.7 0.8] is : 175
Contribution of pixels in the range [0.8 0.9] is : 8
Contribution of pixels in the range [0.9 1.0] is : 4
Medium Neutral

Groundtruth for this image: Neutral



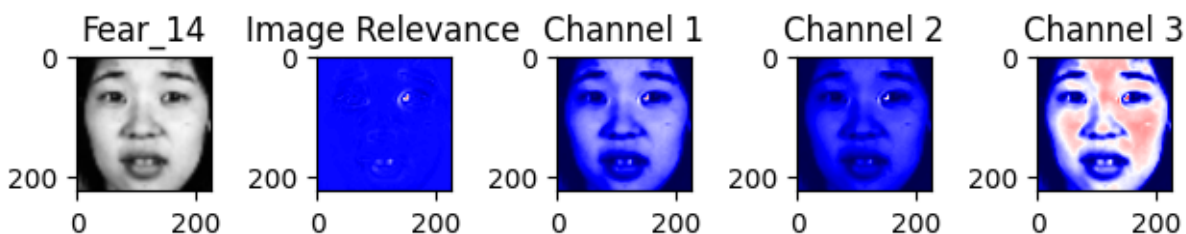
Contribution of pixels in the range [0.0 0.1] is : 12
 Contribution of pixels in the range [0.1 0.2] is : 87
 Contribution of pixels in the range [0.2 0.3] is : 145564
 Contribution of pixels in the range [0.3 0.4] is : 4643
 Contribution of pixels in the range [0.4 0.5] is : 150
 Contribution of pixels in the range [0.5 0.6] is : 39
 Contribution of pixels in the range [0.6 0.7] is : 16
 Contribution of pixels in the range [0.7 0.8] is : 10
 Contribution of pixels in the range [0.8 0.9] is : 4
 Contribution of pixels in the range [0.9 1.0] is : 2
 Low Neutral

Groundtruth for this image: Sadness



Contribution of pixels in the range [0.0 0.1] is : 0
 Contribution of pixels in the range [0.1 0.2] is : 2
 Contribution of pixels in the range [0.2 0.3] is : 19
 Contribution of pixels in the range [0.3 0.4] is : 244
 Contribution of pixels in the range [0.4 0.5] is : 3514
 Contribution of pixels in the range [0.5 0.6] is : 142699
 Contribution of pixels in the range [0.6 0.7] is : 3721
 Contribution of pixels in the range [0.7 0.8] is : 281
 Contribution of pixels in the range [0.8 0.9] is : 37
 Contribution of pixels in the range [0.9 1.0] is : 10
 Medium Sadness

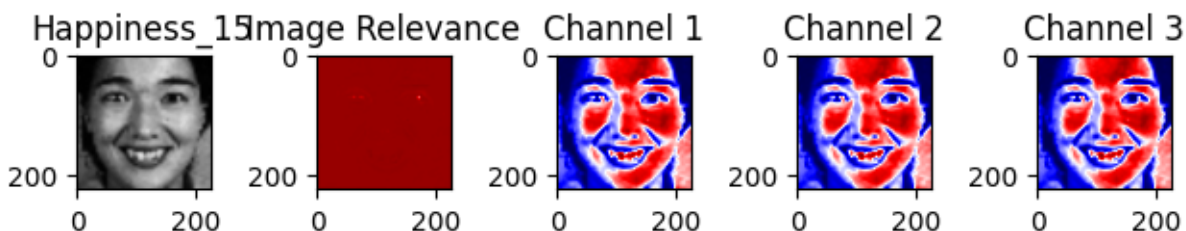
Groundtruth for this image: Fear



Contribution of pixels in the range [0.0 0.1] is : 9
 Contribution of pixels in the range [0.1 0.2] is : 60

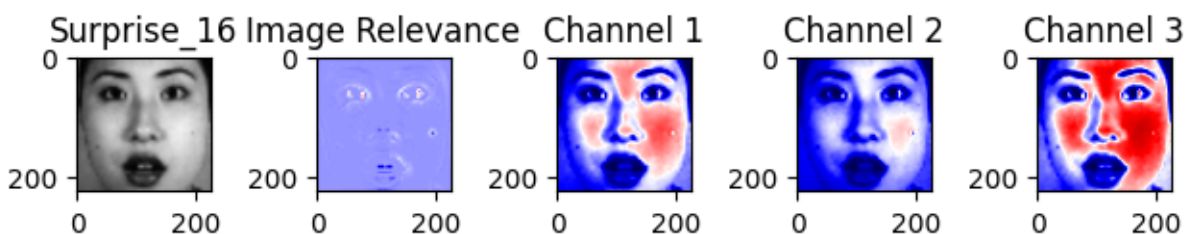
Contribution of pixels in the range [0.2 0.3] is : 56258
 Contribution of pixels in the range [0.3 0.4] is : 93968
 Contribution of pixels in the range [0.4 0.5] is : 170
 Contribution of pixels in the range [0.5 0.6] is : 35
 Contribution of pixels in the range [0.6 0.7] is : 11
 Contribution of pixels in the range [0.7 0.8] is : 7
 Contribution of pixels in the range [0.8 0.9] is : 5
 Contribution of pixels in the range [0.9 1.0] is : 4
 Low Fear

Groundtruth for this image: Happiness



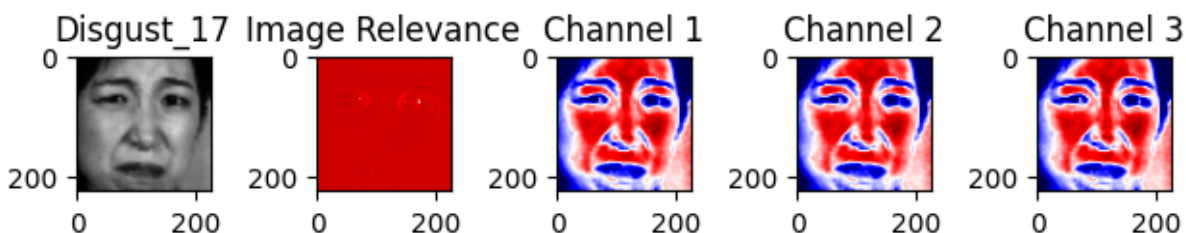
Contribution of pixels in the range [0.0 0.1] is : 0
 Contribution of pixels in the range [0.1 0.2] is : 0
 Contribution of pixels in the range [0.2 0.3] is : 0
 Contribution of pixels in the range [0.3 0.4] is : 2
 Contribution of pixels in the range [0.4 0.5] is : 2
 Contribution of pixels in the range [0.5 0.6] is : 4
 Contribution of pixels in the range [0.6 0.7] is : 4
 Contribution of pixels in the range [0.7 0.8] is : 20
 Contribution of pixels in the range [0.8 0.9] is : 77
 Contribution of pixels in the range [0.9 1.0] is : 150418
 High Happiness

Groundtruth for this image: Surprise



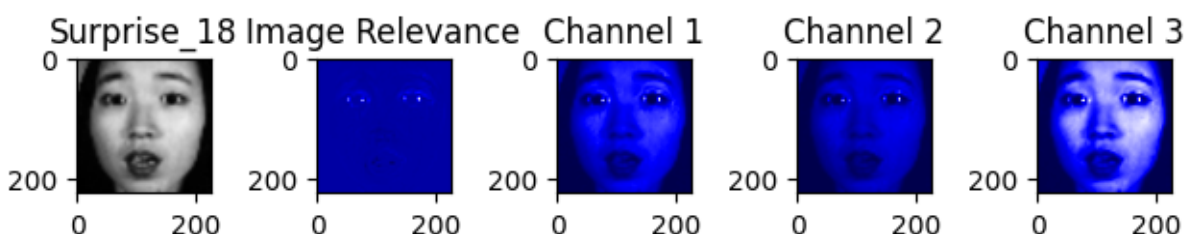
Contribution of pixels in the range [0.0 0.1] is : 5
 Contribution of pixels in the range [0.1 0.2] is : 11
 Contribution of pixels in the range [0.2 0.3] is : 39
 Contribution of pixels in the range [0.3 0.4] is : 593
 Contribution of pixels in the range [0.4 0.5] is : 149525
 Contribution of pixels in the range [0.5 0.6] is : 286
 Contribution of pixels in the range [0.6 0.7] is : 43
 Contribution of pixels in the range [0.7 0.8] is : 19
 Contribution of pixels in the range [0.8 0.9] is : 4
 Contribution of pixels in the range [0.9 1.0] is : 2
 Medium Surprise

Groundtruth for this image: Disgust



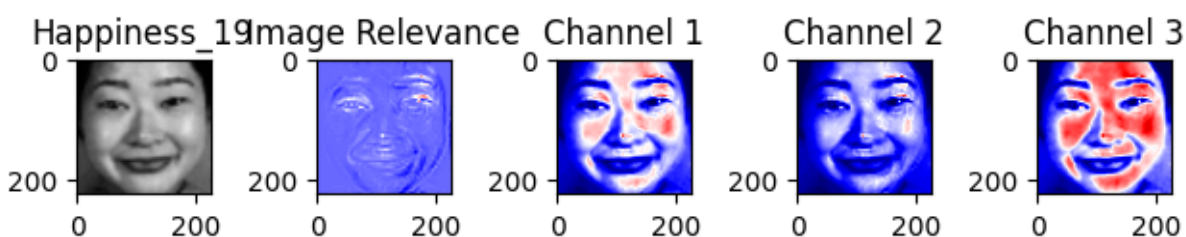
Contribution of pixels in the range [0.0 0.1] is : 1
 Contribution of pixels in the range [0.1 0.2] is : 0
 Contribution of pixels in the range [0.2 0.3] is : 0
 Contribution of pixels in the range [0.3 0.4] is : 5
 Contribution of pixels in the range [0.4 0.5] is : 4
 Contribution of pixels in the range [0.5 0.6] is : 23
 Contribution of pixels in the range [0.6 0.7] is : 79
 Contribution of pixels in the range [0.7 0.8] is : 5903
 Contribution of pixels in the range [0.8 0.9] is : 144503
 Contribution of pixels in the range [0.9 1.0] is : 9
 High Disgust

Groundtruth for this image: Surprise



Contribution of pixels in the range [0.0 0.1] is : 87
 Contribution of pixels in the range [0.1 0.2] is : 148755
 Contribution of pixels in the range [0.2 0.3] is : 1497
 Contribution of pixels in the range [0.3 0.4] is : 103
 Contribution of pixels in the range [0.4 0.5] is : 49
 Contribution of pixels in the range [0.5 0.6] is : 18
 Contribution of pixels in the range [0.6 0.7] is : 9
 Contribution of pixels in the range [0.7 0.8] is : 4
 Contribution of pixels in the range [0.8 0.9] is : 3
 Contribution of pixels in the range [0.9 1.0] is : 2
 Low Surprise

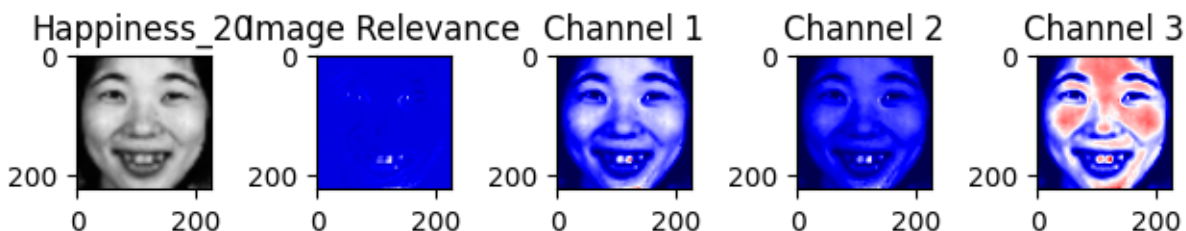
Groundtruth for this image: Happiness



Contribution of pixels in the range [0.0 0.1] is : 11
 Contribution of pixels in the range [0.1 0.2] is : 150

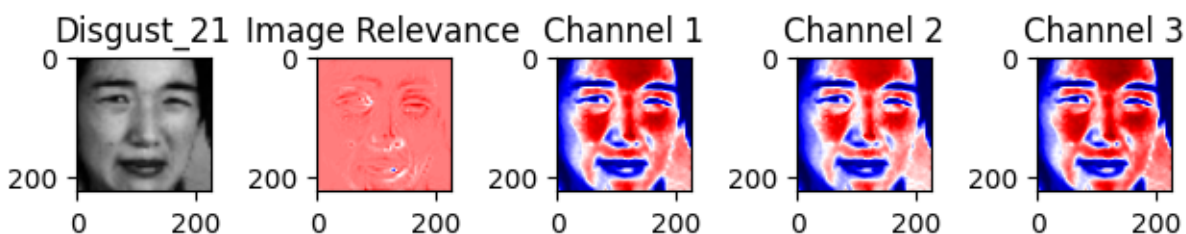
Contribution of pixels in the range [0.2 0.3] is : 8820
 Contribution of pixels in the range [0.3 0.4] is : 140047
 Contribution of pixels in the range [0.4 0.5] is : 1252
 Contribution of pixels in the range [0.5 0.6] is : 182
 Contribution of pixels in the range [0.6 0.7] is : 40
 Contribution of pixels in the range [0.7 0.8] is : 16
 Contribution of pixels in the range [0.8 0.9] is : 6
 Contribution of pixels in the range [0.9 1.0] is : 3
 Low Happiness

Groundtruth for this image: Happiness



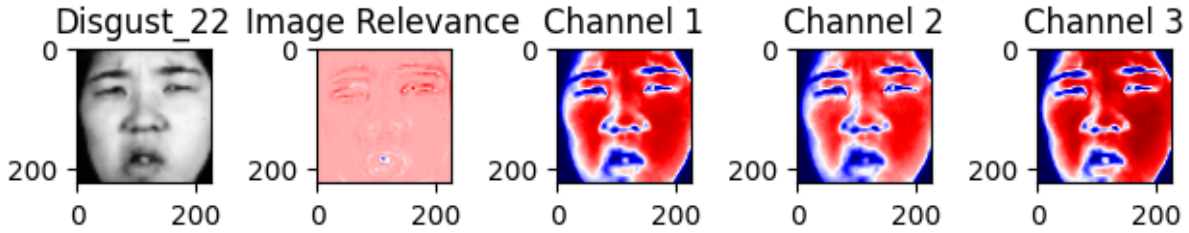
Contribution of pixels in the range [0.0 0.1] is : 4
 Contribution of pixels in the range [0.1 0.2] is : 98
 Contribution of pixels in the range [0.2 0.3] is : 148007
 Contribution of pixels in the range [0.3 0.4] is : 2165
 Contribution of pixels in the range [0.4 0.5] is : 202
 Contribution of pixels in the range [0.5 0.6] is : 44
 Contribution of pixels in the range [0.6 0.7] is : 4
 Contribution of pixels in the range [0.7 0.8] is : 2
 Contribution of pixels in the range [0.8 0.9] is : 0
 Contribution of pixels in the range [0.9 1.0] is : 1
 Low Happiness

Groundtruth for this image: Disgust



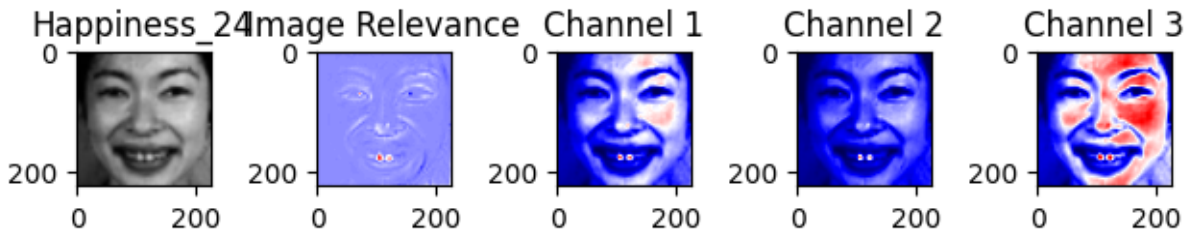
Contribution of pixels in the range [0.0 0.1] is : 2
 Contribution of pixels in the range [0.1 0.2] is : 1
 Contribution of pixels in the range [0.2 0.3] is : 9
 Contribution of pixels in the range [0.3 0.4] is : 14
 Contribution of pixels in the range [0.4 0.5] is : 79
 Contribution of pixels in the range [0.5 0.6] is : 1007
 Contribution of pixels in the range [0.6 0.7] is : 147443
 Contribution of pixels in the range [0.7 0.8] is : 1894
 Contribution of pixels in the range [0.8 0.9] is : 65
 Contribution of pixels in the range [0.9 1.0] is : 13
 Medium Disgust

Groundtruth for this image: Disgust



Contribution of pixels in the range [0.0 0.1] is : 1
 Contribution of pixels in the range [0.1 0.2] is : 1
 Contribution of pixels in the range [0.2 0.3] is : 7
 Contribution of pixels in the range [0.3 0.4] is : 26
 Contribution of pixels in the range [0.4 0.5] is : 320
 Contribution of pixels in the range [0.5 0.6] is : 147434
 Contribution of pixels in the range [0.6 0.7] is : 2672
 Contribution of pixels in the range [0.7 0.8] is : 60
 Contribution of pixels in the range [0.8 0.9] is : 3
 Contribution of pixels in the range [0.9 1.0] is : 3
 Medium Disgust

Groundtruth for this image: Happiness



Contribution of pixels in the range [0.0 0.1] is : 0
 Contribution of pixels in the range [0.1 0.2] is : 3
 Contribution of pixels in the range [0.2 0.3] is : 60
 Contribution of pixels in the range [0.3 0.4] is : 144810
 Contribution of pixels in the range [0.4 0.5] is : 5453
 Contribution of pixels in the range [0.5 0.6] is : 145
 Contribution of pixels in the range [0.6 0.7] is : 32
 Contribution of pixels in the range [0.7 0.8] is : 12
 Contribution of pixels in the range [0.8 0.9] is : 9
 Contribution of pixels in the range [0.9 1.0] is : 3
 Medium Happiness
