|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test | Positive Predictive value (present accuracy) | Negative Predictive value (not present accuracy) | Binary Accuracy | Actual Per Square Accuracy |
| No rotation | 65/80 = **.8125** | **1** | (56 + 65)/(56+80) = **0.8897** | **0.8979** |
| Rotation | 74/79 = **0.9367** | **1** | (56 + 74)/(56 + 79) = **0.9630** | **0.9554** |
| Rotation + Hist. Eq. | 74/79 = **0.9367** | **1** | (56 + 74)/(56 + 79) = **0.9630** | **0.9476** |
| Rotation + Hist. Eq. + Whites |  |  |  |  |

Notable differences:   
**BLACK TSHIRTS**

|  |  |
| --- | --- |
| **ROTATION + HIST EQ** | **ROTATION WITHOUT HIST EQ** |
| avg = 0.92; black (1).png present prediction: 1  avg = 0.96; black (10).png present prediction: 1  avg = 0.09; black (2).png present prediction: 0  avg = 0.1; black (3).png present prediction: 0  avg = 0.05; black (4).png present prediction: 0  avg = 0.1; black (5).png present prediction: 0  avg = 0.13; black (6).png present prediction: 0  avg = 0.94; black (7).png present prediction: 1  avg = 0.95; black (8).png present prediction: 1  avg = 0.97; black (9).png present prediction: 1 | avg = 1.0; black (1).png present prediction: 1  avg = 1.0; black (10).png present prediction: 1  avg = 0.57; black (2).png present prediction: 1  avg = 0.53; black (3).png present prediction: 1  avg = 0.5; black (4).png present prediction: 0  avg = 0.53; black (5).png present prediction: 1  avg = 0.53; black (6).png present prediction: 1  avg = 1.0; black (7).png present prediction: 1  avg = 1.0; black (8).png present prediction: 1  avg = 1.0; black (9).png present prediction: 1 |

**Dark Gray TSHIRTS**

|  |  |  |
| --- | --- | --- |
| **ROTATION + HIST EQ** | | **ROTATION WITHOUT HIST EQ** |
| avg = 0.93; dark\_gray (1).png present prediction: 1  avg = 0.9; dark\_gray (10).png present prediction: 1  avg = 1.0; dark\_gray (2).png present prediction: 1  avg = 1.0; dark\_gray (3).png present prediction: 1  avg = 1.0; dark\_gray (4).png present prediction: 1  avg = 1.0; dark\_gray (5).png present prediction: 1  avg = 1.0; dark\_gray (6).png present prediction: 1  avg = 0.93; dark\_gray (7).png present prediction: 1  avg = 0.95; dark\_gray (8).png present prediction: 1  avg = 0.87; dark\_gray (9).png present prediction: 1 | | avg = 0.56; dark\_gray (1).png present prediction: 1  avg = 0.47; dark\_gray (10).png present prediction: 0  avg = 1.0; dark\_gray (2).png present prediction: 1  avg = 1.0; dark\_gray (3).png present prediction: 1  avg = 1.0; dark\_gray (4).png present prediction: 1  avg = 1.0; dark\_gray (5).png present prediction: 1  avg = 1.0; dark\_gray (6).png present prediction: 1  avg = 0.37; dark\_gray (7).png present prediction: 0  avg = 0.35; dark\_gray (8).png present prediction: 0  avg = 0.42; dark\_gray (9).png present prediction: 0 |
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