**Test Finale LOG**

Di seguito sono riportati i risultati ottenuti dalla fase di test sulla immagine fornitaci.

**Features Geometriche**

**Oil Spill**

|  |  |  |  |
| --- | --- | --- | --- |
| **Features** | **Nostro** | **regionprops** | **Test** |
| Area | 41819 | 41718 | 41718 |
| Perimetro | 2666 | 2859 | 2859 |
| Complessità\* | 3.677 | - | 195.965 |
| Ellipse length (MAIN) | 1462.6 | 1354.6 | - |
| Ellipse Width\* | 28.59 | - | 33.39 |

**LookAlike**

|  |  |  |  |
| --- | --- | --- | --- |
| **Features** | **Nostro** | **regionprops** | **Test** |
| Area | 34148 | 34270 | 34148 |
| Perimetro | 2408 | 2578 | 2578 |
| Complessità\* | 3.669 | - | 194.67 |
| Ellipse length (MAIN) | 800.51 | 717.87 | - |
| Ellipse Width\* | 42.81 | - | 49.97 |

\**calcolato con due formule diverse*

**Area**

Nostro: Perimetro/2\*sqrt( pi\*Area)

Test: Perimetro^2/Area

**Ellipse Width**

Nostro: Area/Ellipse Length

**Features TEXTURE**

**Oil Spill**

|  |  |  |
| --- | --- | --- |
| **Features** | **Nostro** | **Test** |
| Contrast | 0.42 | 0.56 |
| Homogeneity | 0.82 | 0.84 |
| Correlation | 0.70 | 0.45 |
| Entropy | 2.06 | - |

**LookAlike**

|  |  |  |
| --- | --- | --- |
| **Features** | **Nostro** | **Test** |
| Contrast | 0.45 | 0.34 |
| Homogeneity | 0.80 | 0.88 |
| Correlation | 0.62 | 0.67 |
| Entropy | 2.03 | - |

**Features BACKSCATTER**

**Oil Spill**

|  |  |  |
| --- | --- | --- |
| **Features** | **Nostro** | **Test** |
| Local contrast  (Intensity Ratio) | -8.24 | 3.34 |
| Window Homogeneity s\_bkg-m\_bkg DB | 23.32 | 21.29 |
| Slick Homogeneity s\_slick-m\_slick DB | 16.52 | 25.20 |

**LookAlike**

|  |  |  |
| --- | --- | --- |
| **Features** | **Nostro** | **Test** |
| Local contrast  (Intensity Ratio) | -12.31 | 2.80 |
| Window Homogeneity s\_bkg-m\_bkg DB | 22.82 | 20.27 |
| Slick Homogeneity s\_slick-m\_slick DB | 11.45 | 23.53 |