# Results of 3 detectors on the ‘Combined’ dataset

## (Data from Freiburg University + Homographies from Oxford Group)

R = Repeatability, [%]; NC = Number of correspondences

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Transformation  Detector  Meas.  Data value | | Viewpoint | | | | | | Rotation + zoom (scale) | | | | | | Blur | | | | | | Lighting | | | | | |
| MSER | | MSSR | | DMSR | | MSER | | MSSR | | DMSR | | MSER | | MSSR | | DMSR | | MSER | | MSSR | | DMSR | |
| R | NC | R | NC | R | NC | R | NC | R | NC | R | NC | R | NC | R | NC | R | NC | R | NC | R | NC | R | NC |
| ‘01\_graffiti’ | Max | 83.2 | 352 | 70.3 | 192 | **89.8** | **97** | **87.5** | 401 | 68.8 | 199 | 64.9 | **81** |  |  |  |  |  |  |  |  |  |  |  |  |
| Min | **46.8** | 126 | 39.2 | 64 | 35.8 | **19** | **54.5** | 108 | 43.8 | 39 | 40 | **20** |  |  |  |  |  |  |  |  |  |  |  |  |
| Std | **15.1** | 95.2 | 11.9 | 50.4 | 20.8 | **30.7** | 13.1 | 120 | **10.3** | 73.8 | 10.8 | **27.7** |  |  |  |  |  |  |  |  |  |  |  |  |
| ‘02\_freiburg\_center’ | Max |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Min |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Std |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ‘03\_freiburg\_  munster\_crop’ | Max |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Min |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Std |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ‘04\_freiburg\_  innenstadt’ | Max |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Min |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Std |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ‘05\_cool\_car’ | Max |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Min |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Std |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ‘06\_freiburg\_munster’ | Max |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Min |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Std |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ‘07\_graffiti’ | Max |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Min |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Std |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ‘08\_hall’ | Max |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Min |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Std |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ‘09\_small\_palace’ | Max |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Min |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Std |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |