

# MO805: Topics on Information Retrieval – Content-Based Image Retrieval **14<sup>th</sup> Assignment**

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## 1. Report results

Table 1: Multiscale Fractal Dimension Measure

| Effectiveness          | Methods  |           |             |
|------------------------|----------|-----------|-------------|
|                        | CPRR     | CORGRAPH  | RECKNNGRAPH |
| <b>Before:</b>         |          |           |             |
| <b>MAP</b>             | 0.0234   | 0.0186    | 0.0186      |
| <b>After:</b>          |          |           |             |
| <b>MAP</b>             | 0.0390   | 0.0692    | 0.2411      |
| <b>Relative Gains:</b> |          |           |             |
| <b>MAP</b>             | 66.5824% | 271.4690% | 1194.4797%  |

Table 2: Segment Saliences Measures

| Effectiveness          | Methods   |           |             |
|------------------------|-----------|-----------|-------------|
|                        | CPRR      | CORGRAPH  | RECKNNGRAPH |
| <b>Before:</b>         |           |           |             |
| <b>MAP</b>             | 0.0124    | 0.0085    | 0.0085      |
| <b>After:</b>          |           |           |             |
| <b>MAP</b>             | 0.0272    | 0.0684    | 0.1060      |
| <b>Relative Gains:</b> |           |           |             |
| <b>MAP</b>             | 119.3457% | 703.3685% | 1144.3519%  |

A complete description containing the information log about the execution

also including the parameter and the evaluation results with P@N and Recall@N can be found on log.txt files inside the folder 'UDLF/bin/logs'.