|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Metric  Interface | Density | unity | Regularity | Sequence | Grouping | Simplicity | Symmetry | Homogeneity |
| Acceuil.java | 0.516 | 0.588 | 1.0 | 1.0 | 0.0 | 0.214 | 0.285 | 0.714 |
| affichage.java | 0.778 | 0.415 | 0.349 | 1.0 | 0.937 | 0.157 | 0.072 | 0.250 |
| AfficheInfo.java | 0.487 | 0.343 | 1.0 | 0.375 | 0.76 | 0.1 | 0.739 | 0.562 |
| apropos.java | 0.1583 | 0.4313 | 0.722 | 0.5 | 0.875 | 0.1875 | 0.222 | 0.766 |
| Cadre.java | 0.218 | 0.048 | 0.643 | 0.875 | 0.0 | 0.2 | 0.0 | 0.308 |
| FentrePrincipale.java | 0.656 | 0.133 | 0.966 | 1.0 | 0.20833333333333334 | 0.10344827586206896 | 0.257 | 0.487 |
| GestionStagiaire.java | 0.505 | 0.542 | 1.0 | 0.642 | 0.0 | 0.07692307692307693 | 0.681 | 0.0 |
| Gestion\_des\_patrons.java | 0.810 | 0.011 | 0.204 | 1.0 | 0.481 | 0.230 | 0.370 | 0.124 |
| Graphic.java | 0.772 | 0.513 | 0.689 | 0.938 | 0.398 | 0.055 | 0.357 | 0.231 |
| ImageColors.java | 0.867 | 0.44261491298675537 | 0.985 | 0.719 | 0.0 | 0.069 | 0.0 | 0.767 |
| ImageDialog.java | 0.389 | 0.067 | 1.0 | 1.0 | 1.0 | 0.214 | 0.335 | 0.791 |
| ImageToPng.java | 1.0 | 0.281 | 0.450 | 0.75 | 0.0 | 0.4285714285714285 | 0.958 | 1.0 |
| Main(2).java | 0.155 | 0.155 | 0.5 | 0.375 | 1.0 | 0.044 | 0.314 | 0.776 |
| MenuPrincipale.java | 0. 747 | 0.318 | 0.279 | 0.375 | 0.625 | 0.125 | 1.0 | 0.0 |
| PDFAddImage.java | 0.669 | 0.328 | 0.714 | 0.5 | 0.0 | 0.107 | 0.320 | 0.840 |
| PDFExtractImages.java | 0.1074 | 0.249 | 0.875 | 0.5 | 0.207 | 0.0 | 0.115 | 0.617 |
| PDFOptions.java | 0.389 | 0.0 | 1.0 | 1.0 | 1.0 | 0.230 | 0.067 | 0.914 |
| PDFParseText.java | 0.574 | 0.259 | 0.494 | 0.375 | 0.0 | 0.428 | 0.949 | 0.571 |
| PDFReplaceText.java | 0.0 | 0.2651665210723877 | 0.625 | 0.5 | 0.821 | 0.15 | 0.344 | 1.0 |
| ResizeDilog.java | 0.292 | 0.386 | 0.639 | 0.718 | 0.177 | 0.1875 | 0.373 | 0.549 |
| Rotate.java | 0.326 | 0.354 | 0.725 | 0.905 | 0.0 | 0.333 | 0.673 | 0.274 |
| Unification\_des\_patron.java | 1.0 | 0.516 | 0.249 | 1.0 | 0.546 | 0.25 | 0.389 | 0.0 |

**Table of interface/metric**

|  |  |  |
| --- | --- | --- |
|  | Normalised Fitness | Non Normalised Fitness |
| Run with 1 Metric | **0.053** | **18.09** |
| Run with 2 Metrics | **0.107** | **12.9** |
| Run with 3 Metrics | **0.450** | **5.34** |
| Run with 4 Metrics | **0.813** | **1.82** |
| Run with 5 Metrics | **1.282** | **0.98** |
| Run with 6 Metrics | **1.627** | **0.44** |
| Run with 7 Metrics | 2.222 | 0.51 |
| Run with 8 Metrics | **2.941** | **0.39** |