Text

Description automatically generated

LOG3430 - Me´thodes de test et de

validation du logiciel

Laboratoire 3

Tests D’interactions

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# Taille des matrices MCA

* MCA (N,t,k,v) = MCA (8, 2, 4, {2,2,2,4}) interactions doubles

![Une image contenant table

Description générée automatiquement]()

* MCA (N,t,k,v) = MCA (16, 3, 4, {2,2,2,4}) interactions triples

![Une image contenant table

Description générée automatiquement]()

* MCA (N,t,k,v) = MCA (32, 4, 4, {2,2,2,4}) interactions quadruples

![Une image contenant table

Description générée automatiquement]()

# Analyse des résultats

On va analyser le jeu de tests générés par notre matrice à trois interactions

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Test | Is\_log\_prob | Is\_log\_combine | Clean\_option | min\_occurence | accuracy | Precision | Recall |
| #1 | True | True | True(1) | 1 | 0.89 | 0.94 | 0.75 |
| #2 | True | False | False(0) | 1 | 0.89 | 0.94 | 0.75 |
| #3 | False | True | False(0) | 1 | 0.89 | 0.94 | 0.75 |
| #4 | False | False | True(1) | 1 | 0.89 | 0.94 | 0.75 |
| #5 | True | True | False(0) | 2 | 0.81 | 0.7 | 0.86 |
| #6 | True | False | True(1) | 2 | 0.81 | 0.7 | 0.86 |
| #7 | False | True | True(1) | 2 | 0.81 | 0.7 | 0.86 |
| #8 | False | False | False(0) | 2 | 0.81 | 0.7 | 0.86 |
| #9 | True | True | True(1) | 3 | 0.69 | 0.57 | 0.86 |
| #10 | True | False | False(0) | 3 | 0.69 | 0.57 | 0.86 |
| #11 | False | True | False(0) | 3 | 0.69 | 0.57 | 0.86 |
| #12 | False | False | True(1) | 3 | 0.69 | 0.57 | 0.86 |
| #13 | True | True | True(1) | 4 | 0.58 | 0.47 | 0.86 |
| #14 | True | False | False(0) | 4 | 0.58 | 0.47 | 0.86 |
| #15 | False | True | False(0) | 4 | 0.58 | 0.47 | 0.86 |
| #16 | False | False | True(1) | 4 | 0.58 | 0.47 | 0.86 |