**MEAN +STD PATCH CLASSIFICATION**

|  |  |  |
| --- | --- | --- |
|  | Negative Pylori | Positive Pylori |
| Precision | 0.78 ± 0.24 | 0.76 ± 0.24 |
| Recall | 0.78 ± 0.16 | 0.79 ± 0.25 |
| F-1 score | 0.75 ± 0.16 | 0.72 ± 0.24 |

CONFIG 3:

CONFIG 2:

|  |  |  |
| --- | --- | --- |
|  | Negative Pylori | Positive Pylori |
| Precision | 0.79 ± 0.22 | 0.77 ± 0.24 |
| Recall | 0.78 ± 0.15 | 0.81 ± 0.24 |
| F-1 score | 0.76 ± 0.15 | 0.74 ± 0.22 |

CONFIG 1:

|  |  |  |
| --- | --- | --- |
|  | Negative Pylori | Positive Pylori |
| Precision | 0.75 ± 0.25 | 0.72 ± 0.23 |
| Recall | 0.74 ± 0.15 | 0.74 ± 0.26 |
| F-1 score | 0.71 ± 0.15 | 0.68 ± 0.22 |

**HOLDOUT**

CONFIG 2:

|  |  |  |
| --- | --- | --- |
|  | Negative Pylori | Positive Pylori |
| Precision | 0.57 | 0.64 |
| Recall | 0.76 | 0.43 |
| F-1 score | 0.65 | 0.52 |

CONFIG 1:

|  |  |  |
| --- | --- | --- |
|  | Negative Pylori | Positive Pylori |
| Precision | 0.60 | 0.61 |
| Recall | 0.63 | 0.59 |
| F-1 score | 0.61 | 0.60 |

CONFIG 3:

|  |  |  |
| --- | --- | --- |
|  | Negative Pylori | Positive Pylori |
| Precision | 0.55 | 0.59 |
| Recall | 0.72 | 0.40 |
| F-1 score | 0.62 | 0.47 |

**MEAN +STD PATIENT DIAGNOSIS:**

CONFIG1

|  |  |  |
| --- | --- | --- |
|  | Negative Pylori | Positive Pylori |
| Precision | 0.77 ± 0.34 | 0.76 ± 0.23 |
| Recall | 0.71 ± 0.33 | 0.88 ± 0.16 |
| F-1 score | 0.72 ± 0.31 | 0.79 ± 0.16 |

CONFIG2:

|  |  |  |
| --- | --- | --- |
|  | Negative Pylori | Positive Pylori |
| Precision | 0.84 ± 0.23 | 0.87 ± 0.18 |
| Recall | 0.87 ± 0.19 | 0.86 ± 0.21 |
| F-1 score | 0.82 ± 0.18 | 0.84 ± 0.17 |

CONFIG3:

|  |  |  |
| --- | --- | --- |
|  | Negative Pylori | Positive Pylori |
| Precision | 0.75 ± 0.33 | 0.77 ± 0.21 |
| Recall | 0.75 ± 0.32 | 0.85 ± 0.23 |
| F-1 score | 0.72 ± 0.29 | 0.78 ± 0.18 |