**Testing the functionality of K-Fold cross validation**

Rows highlighted yellow indicate test cases that have found issues present in the UI

Validation: Working properly (No error, as expected)

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| Test case description | Test Method | Expected Result | Actual Result | Pass/Fail |
| Test k-fold working with the default parameters | Perform k-fold with a dataset with 20 data | Returns 10 train-test splits | Returns 10 train-test splits  (Screenshot 1) | Pass |
| Fold argument (f) correctly adjusts the number of splits | Perform k-fold on a dataset with 21 data, for f= 3,6,9 | * f=3 returns 3 train-test splits * f=6 returns 6 train-test splits * f=9 returns 9 train-test splits | * f=3 returns 3 train-test splits * f=6 returns 6 train-test splits * f=9 returns 9 train-test splits   (Screenshot 2) | Pass |

Verification:

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| --- | --- | --- |
| Test case description |  | Pass/Fail |
| The k-fold returns an array |  | Pass |
|  |  |  |

Screenshots: