**## For Bug type: Complex**

**Information:**

**opencv\_ml [ Bug id 2, Issue: #5413]**

**Bug injected in method: LogisticRegressionImpl::batch\_gradient\_descent()**

|  |  |  |  |
| --- | --- | --- | --- |
| **File Name** | **Rank** | **Block Name** | **Dstar4** |
| **fault\_fn** | **2**  **2**  **2** | **lr.cpp\_batch\_gradient\_descent\_437**  **lr.cpp\_LogisticRegressionImpl\_88**  **lr.cpp\_LogisticRegressionImpl\_89** | **1**  **1**  **1** |
| **fault\_fn\_call** | **2**  **2**  **2** | **lr.cpp\_batch\_gradient\_descent\_206**  **lr.cpp\_LogisticRegressionImpl\_88**  **lr.cpp\_LogisticRegressionImpl\_89** | **1**  **1**  **1** |
| **fault\_fn\_call\_count** | **2**  **2**  **16** | **lr.cpp\_batch\_gradient\_descent\_437**  **lr.cpp\_LogisticRegressionImpl\_88**  **lr.cpp\_LogisticRegressionImpl\_89** | **1**  **1**  **0** |
| **fault\_fn\_call\_with\_param** | **2**  **2**  **2** | **batch\_gradient\_descent\_data\_t\_labels\_init\_theta\_206**  **lr.cpp\_LogisticRegressionImpl\_88**  **lr.cpp\_LogisticRegressionImpl\_89** | **1**  **1**  **1** |
| **fault\_statement** | **2**  **2** | **lr.cpp\_440**  **lr.cpp\_471** | **1**  **1** |

**Information:**

**opencv\_photo [Bug id 1, Issue: #8706]**

**Bug injected in method: Mat RobertsonWeights()**

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| --- | --- | --- | --- |
| **File Name** | **Rank** | **Block Name** | **Dstar4** |
| **fault\_fn** | **1** | **hdr\_common.cpp\_RobertsonWeights\_74** | **2.15E+09** |
| **fault \_fn\_call** | **1** | **hdr\_common.cpp\_weight\_75** | **2.15E+09** |
| **fault\_fn\_call\_count** | **8** | **hdr\_common.cpp\_RobertsonWeights\_74** | **0** |
| **fault\_fn\_call\_with\_param** | **1**  **3**  **3** | **hdr\_common.cpp\_weight\_LDR\_SIZE\_CV**  **\_32FC3\_75**  **test\_hdr.cpp\_createMergeRobertson\_212**  **test\_hdr.cpp\_createCalibrateRobertson\_254** | **2.15E+09**  **1**  **1** |
| **fault \_statement** | **1**  **1** | **hdr\_common.cpp\_74**  **hdr\_common.cpp\_85** | **2.15E+09**  **2.15E+09** |

**Information:**

**opencv\_photo [Bug id 2, Issue: #5045]**

**Bug injected in method: seamlessClone()**

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| --- | --- | --- | --- |
| **File Name** | **Rank** | **Block Name** | **Dstar4** |
| **fault\_fn** | **1** | **seamless\_cloning.cpp\_seamlessClone\_51** | **2.15E+09** |
| **fault\_fn\_call** | **4**  **4**  **4** | **test\_cloning.cpp\_seamlessClone\_81**  **test\_cloning.cpp\_seamlessClone\_112**  **test\_cloning.cpp\_seamlessClone\_144** | **0.5**  **0.5**  **0.5** |
| **fault\_fn\_call\_count** | **1** | **seamless\_cloning.cpp\_seamlessClone\_51** | **2.15E+09** |
| **fault\_fn\_call\_with\_param** | **4**  **4**  **4** | **test\_cloning.cpp\_seamlessClone\_source\_**  **destination\_mask\_p\_result\_81**  **test\_cloning.cpp\_seamlessClone\_source\_**  **destination\_mask\_p\_result\_112**  **test\_cloning.cpp\_seamlessClone\_source\_**  **destination\_mask\_p\_result\_144** | **0.5**  **0.5**  **0.5** |
| **fault\_statement** | **1**  **1**  **1** | **seamless\_cloning.cpp\_58**  **seamless\_cloning.cpp\_105**  **seamless\_cloning.cpp\_113** | **2.15E+09**  **2.15E+09**  **2.15E+09** |

**Information:**

**opencv\_core [ Bug id 5, Issue: #8941]**

**Bug injected in method: static bool ipp\_sortIdx()**

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| --- | --- | --- | --- |
| **File Name** | **Rank** | **Block Name** | **Dstar4** |
| **fault\_fn** | **15** | **matrix.cpp\_ipp\_sortIdx\_4438** | **0.11** |
| **fault\_fn\_call** | **16** | **matrix.cpp\_ipp\_sortIdx\_4568** | **0.11** |
| **fault\_fn\_call\_count** | **10** | **matrix.cpp\_ipp\_sortIdx\_4474** | **0.11** |
| **fault\_fn\_call\_with\_param** | **16**  **16** | **matrix.cpp\_CV\_IPP\_RUN\_FAST\_ipp\_sortIdx\_**  **src\_dst\_flags\_4568**  **matrix.cpp\_ipp\_sortIdx\_src\_dst\_flags\_4568** | **0.11**  **0.11** |
| **fault\_statement** | **24**  **24**  **24**  **1**  **1** | **matrix.cpp\_4476**  **matrix.cpp\_4477**  **matrix.cpp\_4480**  **matrix.cpp\_4514**  **matrix.cpp\_4520** | **0.11**  **0.11**  **0.11**  **1**  **1** |

**## For Bug type: Simple**

**Information:**

**opencv\_core [ Bug id 14, Issue: #6380]**

**Bug injected in method: FileStorage& operator << (FileStorage& fs, const String& str)**

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| --- | --- | --- | --- |
| **File Name** | **Rank** | **Block Name** | **Dstar4** |
| **fault\_fn** |  |  |  |
| **fault \_fn\_call** | **42** | **persistence.cpp\_file\_storage\_7890** | **0** |
| **fault\_ fn\_call\_count** | **34**  **34** | **persistence.cpp\_FileStorage\_6891**  **persistence.cpp\_FileStorage\_6877** | **0**  **0** |
| **fault\_fn\_call\_with\_param** | **42** | **persistence.cpp\_file\_storage\_fs\_7890** | **0** |
| **fault\_statement** | **1** | **persistence.cpp\_6969** | **1** |

**Information:**

**opencv\_ml [ Bug id 3, Issue: #5911]**

**Bug injected in method: class NBPredictBody : public ParallelLoopBody(), called from predictprob()**

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| --- | --- | --- | --- |
| **File Name** | **Rank** | **Block Name** | **Dstar4** |
| **fault\_fn** | **3** | **nbayes.cpp\_NormalBayesClassifierImpl\_51** | **0.5** |
| **fault\_fn\_call** | **13** | **nbayes.cpp\_predictProb\_304** | **0** |
| **fault\_fn\_call\_count** | **1** | **nbayes.cpp\_predictProb\_308** | **0.5** |
| **fault\_fn\_call\_with\_param** | **13** | **nbayes.cpp\_predictProb\_\_samples\_\_results**  **\_noArray\_flags\_304** | **0** |
| **fault\_statement** | **1** | **nbayes.cpp\_240** | **2.15E+09** |