file_name	Jspirit	JDeodorant	DeepSeek-R1	gpt-5-mini	Llama-3.3	Qwen2.5-Coder	_ORACLE	PREDICTION
BillboardParticleBatch.java	1	1		1	1		1	1
ClassLoaderModel.java	0	1	0	0	1	0	1	1
ClassWriter.java	0	1	1	0	0	1	0	1
CmsSubjectCategoryExample.java	0	1	0	0	1	1	1	1
ConstrainableInputStream.java	0	1	0	0	0	0	0	0
DataFormatter.java	1	1	1	1	1	1	1	1
Dictionary.java	1	1	1	1	1	0	1	1
EmbedServer.java	0	1	1	0	1	1	1	1
FakeValuesService.java	1	1	1	1	1		1	1
GeometryViewerRegistry.java	0	1	1	0	1	1	1	1
HistoryPageFilter.java	1	1	1	1	1	1	1	1
HomeController.java	0	0	1	0	1	0	0	0
HttpRequest.java	1	1	1	0	1		1	1
JedisClusterTest.java	1	1	1	1	1	1	1	1
JITDataModel.java	1	0	1	1	1	1	1	1
LinkedTreeMap.java	1	0	1	0	1	1	1	1
MigrationRunController.java	0	1	1	1	1		1	1
MinMaxPriorityQueue.java	1	0	1	0	1	1	1	1
org.junit.runners.ParentRunner.java	0	0	0	1	1	1	1	1
RedissonSessionRepository.java	0	1	1	1	1	1	1	1
ReplyMessageProcessorTest.java	0	1	0	0	0	0	0	0
RequestLimiter.java	0	1	0	0	0	0	0	0
RestAdapter.java	0	1	1	1	1	1	0	1
ResultLoaderMap.java	0	1	0	1	1	1	1	1
SaFoxUtil.java	1	0	1	1	1	1	1	1
ScriptProcessorBuilder.java	0	1	0	0	0	0	0	0
SimpleEchoSocket.java	0	1	0	0	1	0	0	0
SingleRoomBroadcastOperations.java	0	1	0	0	0	0	0	0
SymbolInfo.java	1	1	1	0	0	0	1	1
TestConnections.java	1	0	0	0	1	0	1	1

RATERS VS HUMAN ORACLE (RQ1 & RQ2)

JDeodorant

TP	TN	FP	FN
14	1	6	9

Precision	Recall	F1
0.70	0.61	0.65

Jspirit

TP	TN	FP	FN
12	9	8	1

Precision	Recall	F1
0.60	0.92	0.73

DeepSeek-R1

TP	TN	FP	FN
16	6	4	4

Precision	Recall	F1
0.80	0.80	0.80

gpt-5-mini

TP	TN	FP	FN
10	8	10	2

Precision	Recall	F1
0.50	0.83	0.63

Llama-3.3

TP	TN	FP	FN
19	6	1	4

Precision	Recall	F1
0.95	0.83	0.88

Qwen2.5-Coder

TP	TN	FP	FN
17	7	3	3

Precision	Recall	F1
0.85	0.85	0.85

RATERS VS PREDICTIONS

JDeodorant

TP	TN	FP	FN
17	1	6	6

Precision	Recall	F1
0.74	0.74	0.74

Jspirit

TP	TN	FP	FN
13	7	10	0

Precision	Recall	F1
0.57	1.00	0.72

DeepSeek-R1

TP	TN	FP	FN
19	6	4	1

Precision	Recall	F1
0.83	0.95	0.88

gpt-5-mini

TP	TN	FP	FN
12	7	11	0

Precision	Recall	F1
0.52	1.00	0.69

Llama-3.3

TP	TN	FP	FN
21	5	2	2

Precision	Recall	F1
0.91	0.91	0.91

Qwen2.5-Coder

TP	TN	FP	FN
20	7	3	0

Precision	Recall	F1
0.87	1.00	0.93

HUMAN ORACLE VS PREDICTIONS (RQ3)

TP	TN	FP	FN
20	7	3	0

Precision	Recall	F1
0.87	1.00	0.93