

File Name	PMD	Organic	DeepSeek-R1	gpt-5-mini	Llama-3.3	Qwen2.5-Coder	ORACLE	PREDICTION	RATERS VS HUMAN ORACLE (RQ1 & RQ2)					RATERS VS PREDICTIONS					HUMAN ORACLE VS PREDICTIONS (RQ3)										
	0	1	0	1	1	1	1	1	Organic			Organic			Organic			Organic			TP			Precision		Recall		F1	
AbstractMetaMember.java	0	1	0	1	1	1	1	1	TP	TN	FP	FN	TP	TN	FP	FN	TP	TN	FP	FN	TP	TN	FP	FN	TP	0.81	1.00	0.89	
AccessControllLogEntry.java	1	1	1	1	1	1	1	1	12	7	5	5	0.71	0.71	0.71	0.71	14	5	7	3	17	8	4	0	14	0.67	0.82	0.74	
AdException.java	1	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	17	6	4	2	17	6	4	2	17	0.81	0.89	0.85	
AndroidGraphics.java	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	8	3	0	18	8	3	0	18	0.86	1.00	0.92	
ApacheDataSourceFactoryBean.java	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	15	9	2	3	15	7	6	1	15	0.71	0.94	0.81	
AztecCode.java	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	9	1	3	16	8	1	0	16	0.95	1.00	0.98	
BatchResult.java	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
BuildCommand.java	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	20	8	1	0	20	8	1	0	20	0.95	1.00	0.98	
CompareObjectsSettings.java	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	6	4	2	17	6	4	2	17	0.81	0.89	0.85	
com.taobao.arthas.bytekit.asm.MethodInfo.java	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	8	3	0	18	8	3	0	18	0.86	1.00	0.92	
Configuration.java	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
ContentType.java	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	8	1	0	20	8	1	0	20	0.95	1.00	0.98	
DefaultJSONParser.java	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	6	4	2	17	6	4	2	17	0.81	0.89	0.85	
FieldAttribute.java	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	18	8	3	0	18	8	3	0	18	0.86	1.00	0.92	
HandleCallbackParam.java	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
HandshakeData.java	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
HttpClientRequestContext.java	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
HttpConnection.java	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	16	9	1	3	16	9	1	3	16	0.94	0.84	0.89	
LinkedHashMultimap.java	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	8	1	4	16	8	1	4	16	0.94	0.80	0.86	
LocalCacheListener.java	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	6	4	2	17	6	4	2	17	0.81	0.89	0.85	
NumberTest.java	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	8	3	0	18	8	3	0	18	0.95	1.00	0.98	
OmsReceiverInfoParam.java	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
PageResult.java	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
ParenRunnerTest.java	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	8	1	0	20	8	1	0	20	0.95	1.00	0.98	
PoolStats.java	1	1	1	1	0	0	0	1	0	1	0	1	0	1	0	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
Profiler.java	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
SaTokenContextForThreadLocalStorage.java	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
SentinelApacheHttpClientConfig.java	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	8	2	0	19	8	2	0	19	0.90	1.00	0.95	
Settings.java	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	8	1	0	20	8	1	0	20	0.95	1.00	0.98	