

TABLE I: All Rules Inferred by the Participants

		False Positive	True Warning	Uninspected
P1	Warning is contained in the package "com.alibaba.nacos.config.*".	3/6	1/6	2/6
	The warning matches statement "CollectionUtils.isEmpty()".	2/2	0/2	0/2
	Warning is contained in the package "com.alibaba.nacos.config.server.service.repository.embedded".	2/2	0/2	0/2
	Classname of the warning starts with: "AdressServer".	1/1	0/1	0/1
	Classname of the warning starts with: "Group".	2/2	0/2	0/2
P2	The class field "StringUtils.COMMA" was used in the method associated with the warning.	2/2	0/2	0/2
	The return type of the inspected warning is a "boolean" and the warning matches statement "Iterator.*".	5/5	0/5	0/5
	The return type of the inspected warning is a "boolean".	5/7	1/7	1/7
	The warning matches statement "Iterator.*".	5/9	2/9	2/9
	Warning is contained in the package "org.*" and the warning matches statements "File, File.listFiles(), Iterable.iterator(), Iterator, Iterator.hasNext(), Iterator.next()".	5/9	2/9	2/9
	The parent class or the interface of the warning's class is "Java.util.Iterator<T>".	2/2	0/2	0/2
	Warning is contained in the package "org.apache.solr.*" and warning has the return type "void".	5/9	0/9	4/9
P3	The parent class or the interface of the warning's class is "Java.lang.Iterable<T>".	2/2	0/2	0/2
	Warning is contained in the package "org.apache.lucene.replicator" and the warning matches statement "File.isDirectory()".	1/1	0/1	0/1
	Warning matches statement "File.isDirectory()".	3/9	0/9	6/9
	Warning matches statement "File.is*".	3/10	0/10	7/10
	Warning matches statement "Float*"	2/2	0/2	0/2
P4	The warning matches statement "CollectionUtils.isEmpty()".	2/2	0/2	0/2
	Warning matches statement "Page.getPageItems()".	0/9	2/9	7/9
P5	The warning matches statement "CollectionUtils.isEmpty()".	2/2	0/2	0/2
	The warning matches statement "new *(...)".	11/18	1/18	6/18
	The warning matches statement "*.hasNext()".	11/11	0/11	0/11
	The warning matches statement "File.exists()".	1/1	0/1	0/1
	The warning matches statement "Properties.getProperty()".	1/1	0/1	0/1
	The warning matches statement "StringBuilder.toString()".	2/2	0/2	0/2
	Warning is contained in the package "com.*".	17/25	8/25	0/25
P6	The return type of the inspected warning is Query	1/1	0/1	0/1
	Classname of the warning starts with:Abstract.*	1/2	0/2	0/2
	The return type of the inspected warning is void, File.is.*	5/5	0/5	0/5
P7	Warning matches statement "new DataInputStream"	1/1	0/1	0/1
	Warning matches statement "null-check"	4/13	5/13	4/13
	Warning matches statement ".*Stream"	3/3	0/3	0/3
	Warning is contained in the package "org.apache.solr.hadoop"	2/2	0/2	0/2
P8	The return type of the inspected warning is String	4/4	0/4	0/4
P9	The return type of the inspected warning is void	2/11	4/11	5/11
	Classname of the warning starts with:PerSessionDirectory*	1/1	0/1	0/1
	Warning matches statement ".isDirectory" and "this.*"	3/14	4/14	7/14
	The return type of the inspected warning is Trie	1/1	0/1	0/1
P10	Classname of the warning starts with:Solr*, The warning matches the statement "File.isDirectory"	2/2	0/2	0/2
	Classname of the warning starts with:_Test	1/1	0/1	0/1
	Classname of the warning starts with:StempelStemmer	1/1	0/1	0/1
	Warning is contained in the package "org.apache.solr.*", Warning matches the statement "File.*"	4/11	0/11	7/11
P11	Warning is contained in the package "com.*". Warning matches the statement "CollectionUtils.isEmpty()"	2/2	0/2	0/2
	Classname of the warning starts with:AddressServerMember.*	1/1	0/1	0/1
	The class field "StringUtils.COMMA" was used in the method associated with the warning.	1/1	0/1	0/1
P12	The parent class or the interface of the warning's class is "com.alibaba.nacos.config.server.service.repository.PersistService"	1/1	0/1	0/1
	The return type of the inspected warning is a "Page<E>".	8/8	0/8	0/8
	The class field "StringUtils.COMMA" was used in the method associated with the warning.	2/2	0/2	0/2
	The warning matches statement "Nacos.*, new .*Exception(...)"	11/14	2/14	1/14
	The warning matches statement "This.*"	11/17	3/17	3/17
P13	null-check	11/13	1/13	1/13
	The parent class of interface is "org.apache.solr.util.plugin.NamedListInitializedPlugin"	3/3	0/3	0/3
	Warning is contained in the package "org.apache.solr.handler.*", The return type of the warning is void	2/2	0/2	0/2
P14	The warning matches statement "new TermStatsQueue.*"	1/1	0/1	0/1
	The warning matches statement "File.isDirectory"	2/9	0/9	7/9