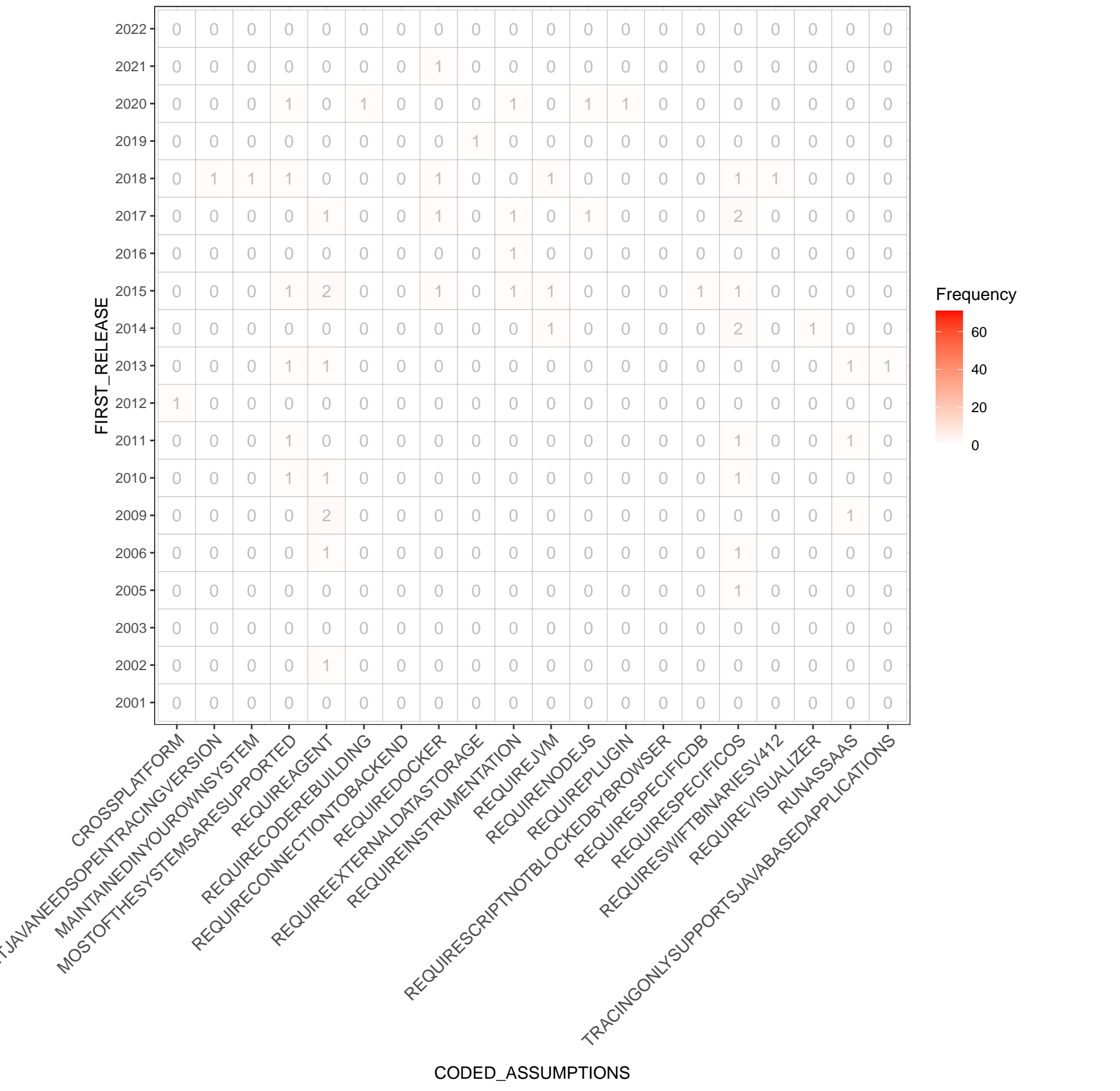
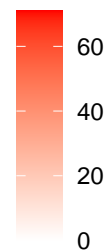


FIRST_RELEASE_____CODED_ASSUMPTIONS

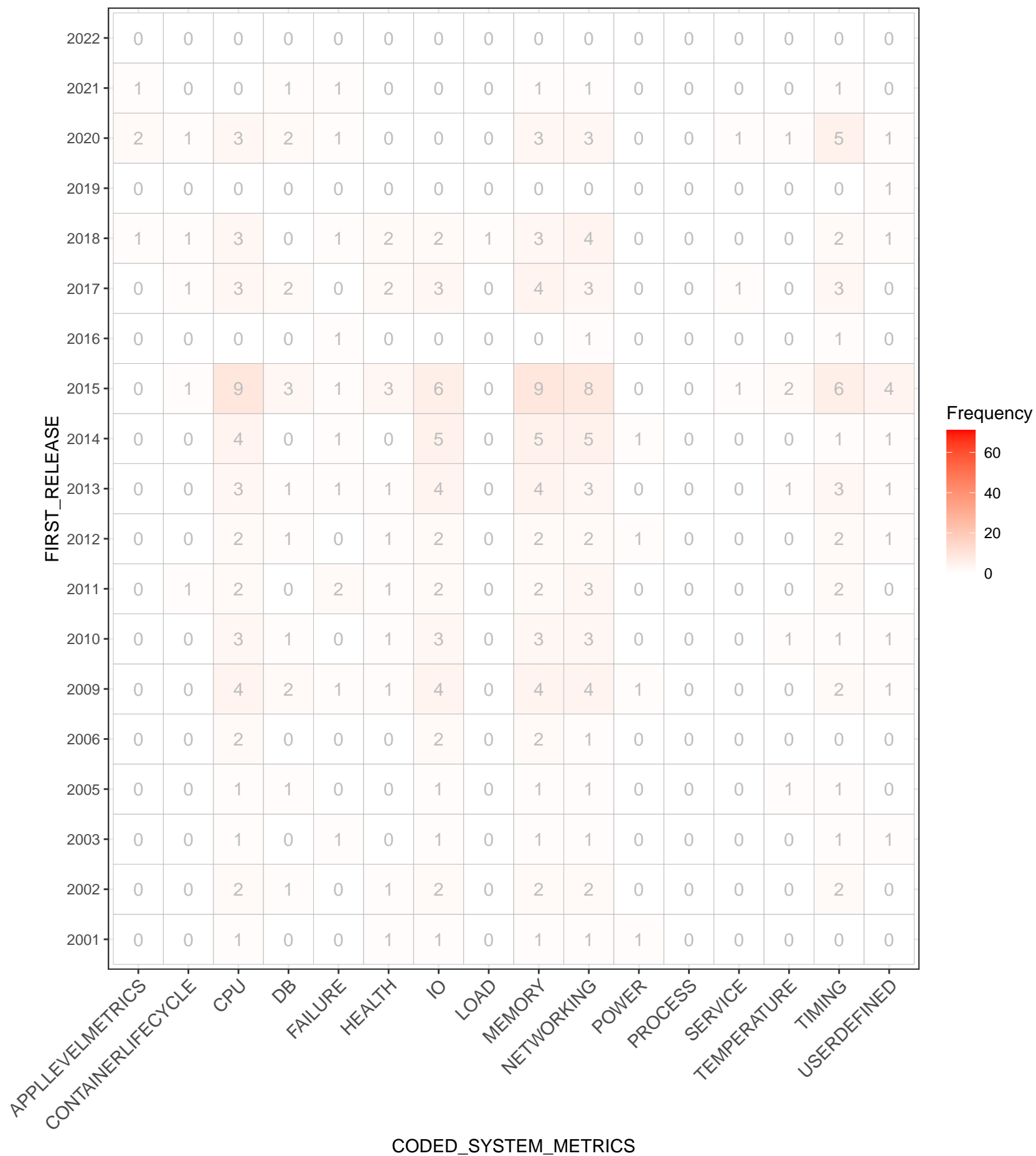




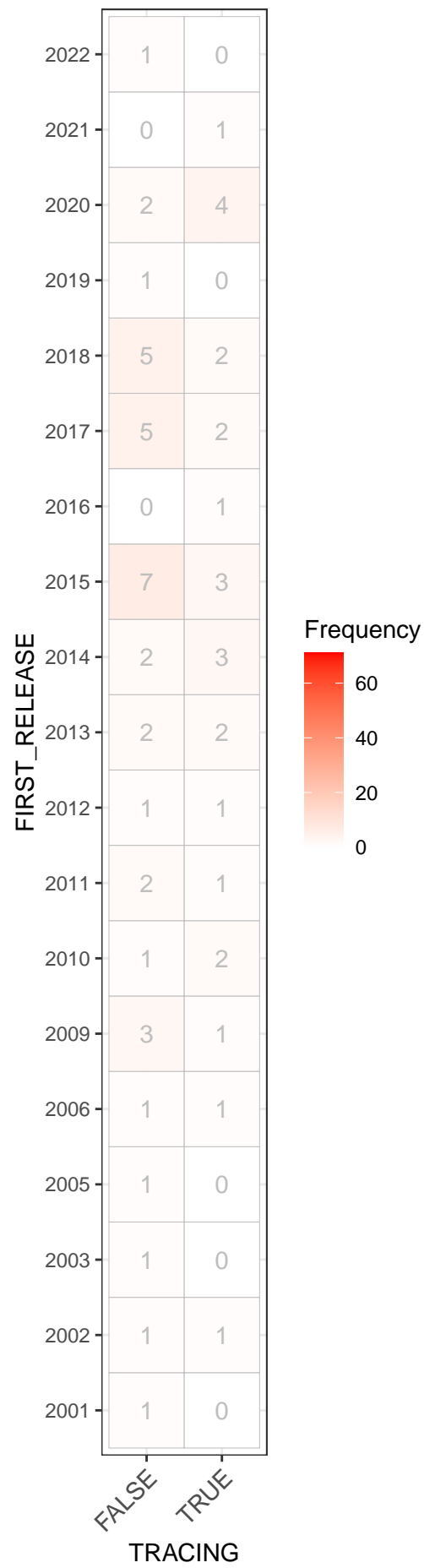
APPLLEVELMETRICS
CONTAINERLIFECYCLE
CPU
DB
FAILURE
HEALTH
IO
MEMORY
NETWORKING
POWER
PROFILING
SECURITY
SUCCESS
TIMING
USERDEFINED
USERSESSION
UX

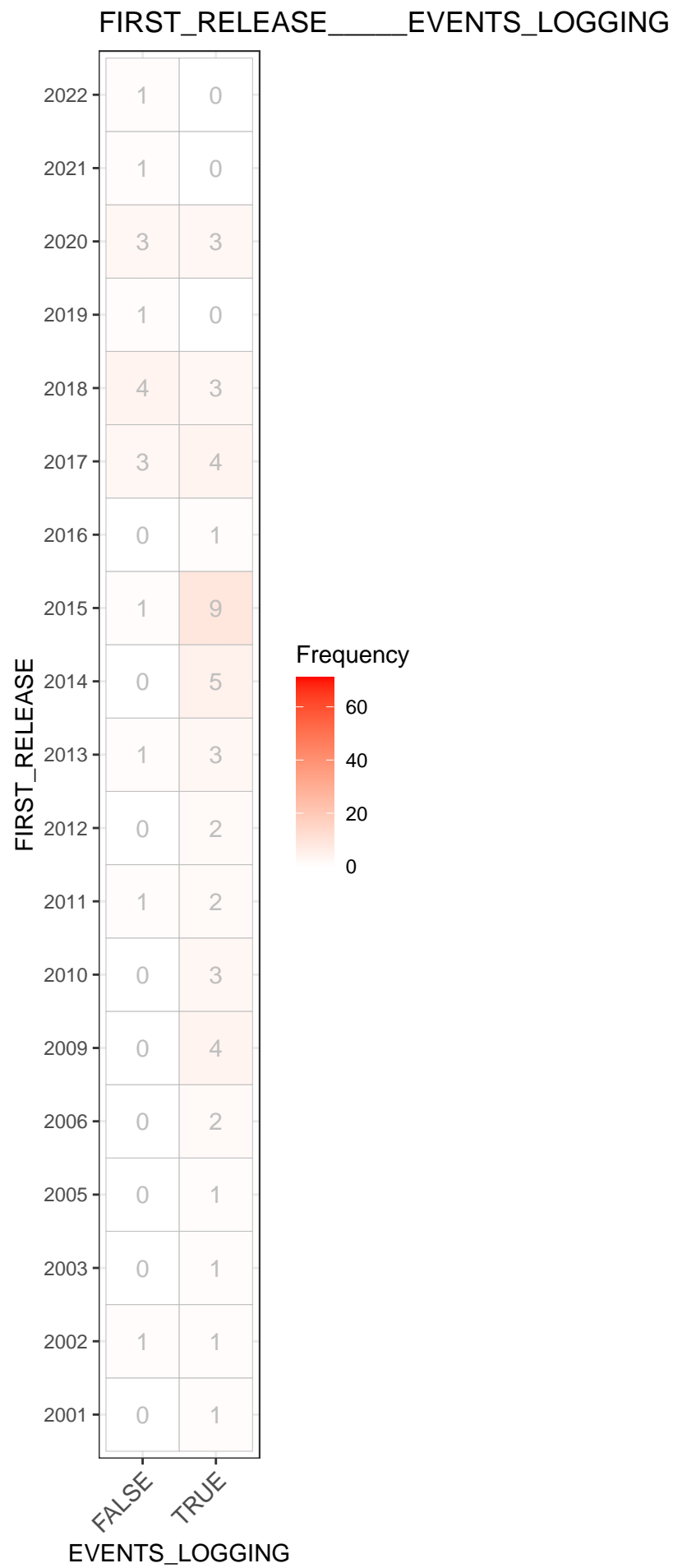
CODED_USER_METRICS

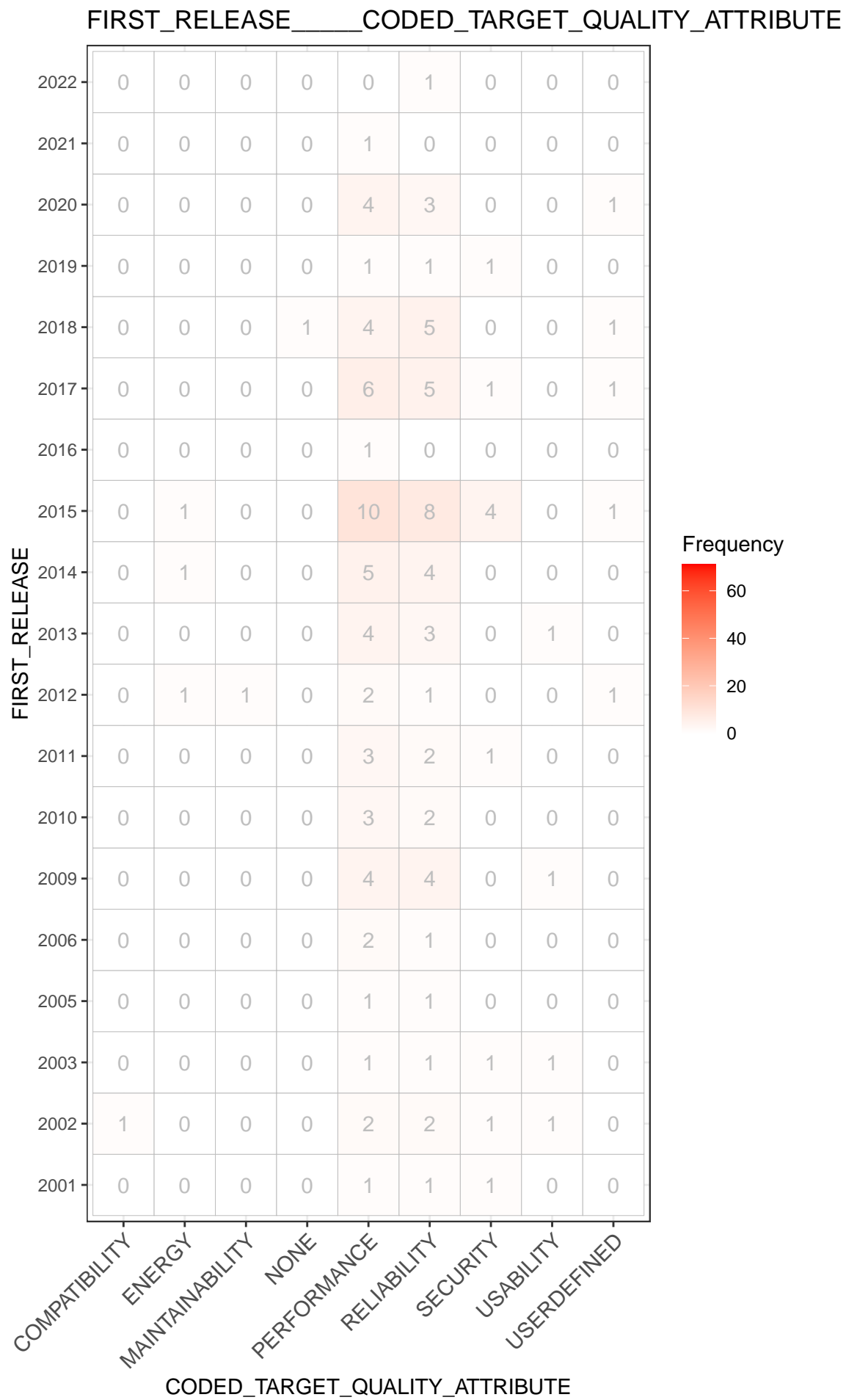
FIRST_RELEASE_____CODED_SYSTEM_METRICS



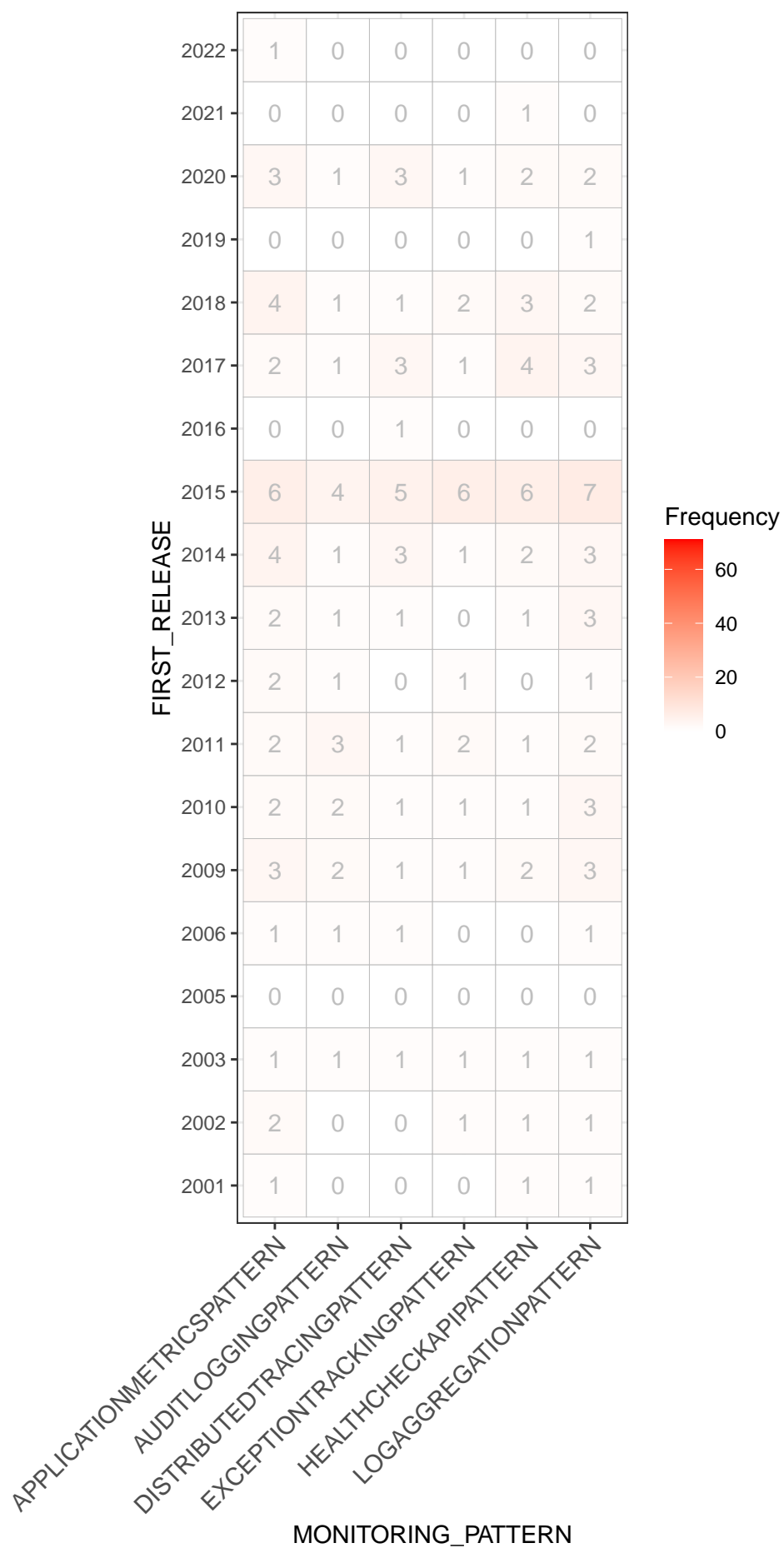
FIRST_RELEASE_____TRACING

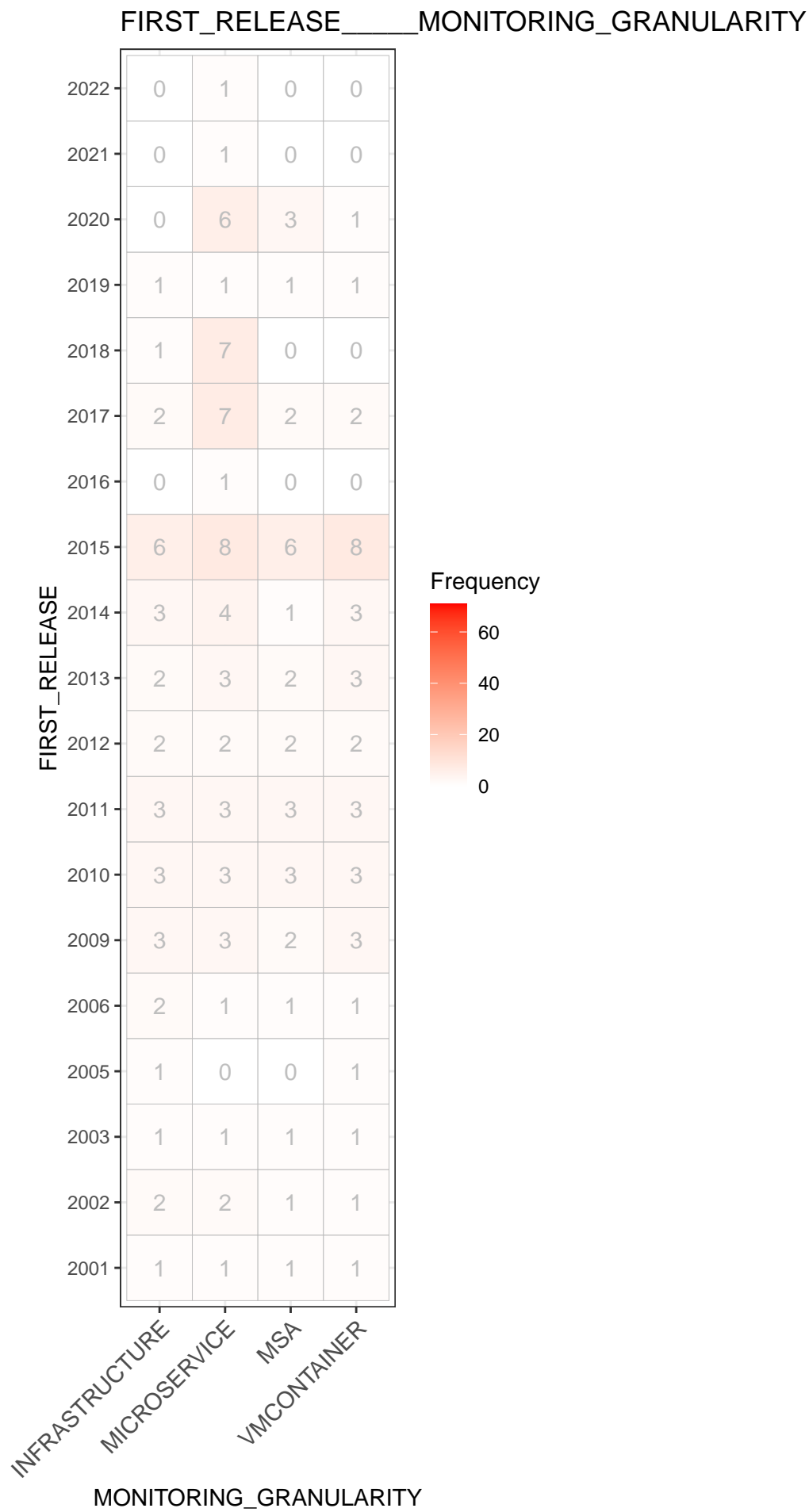


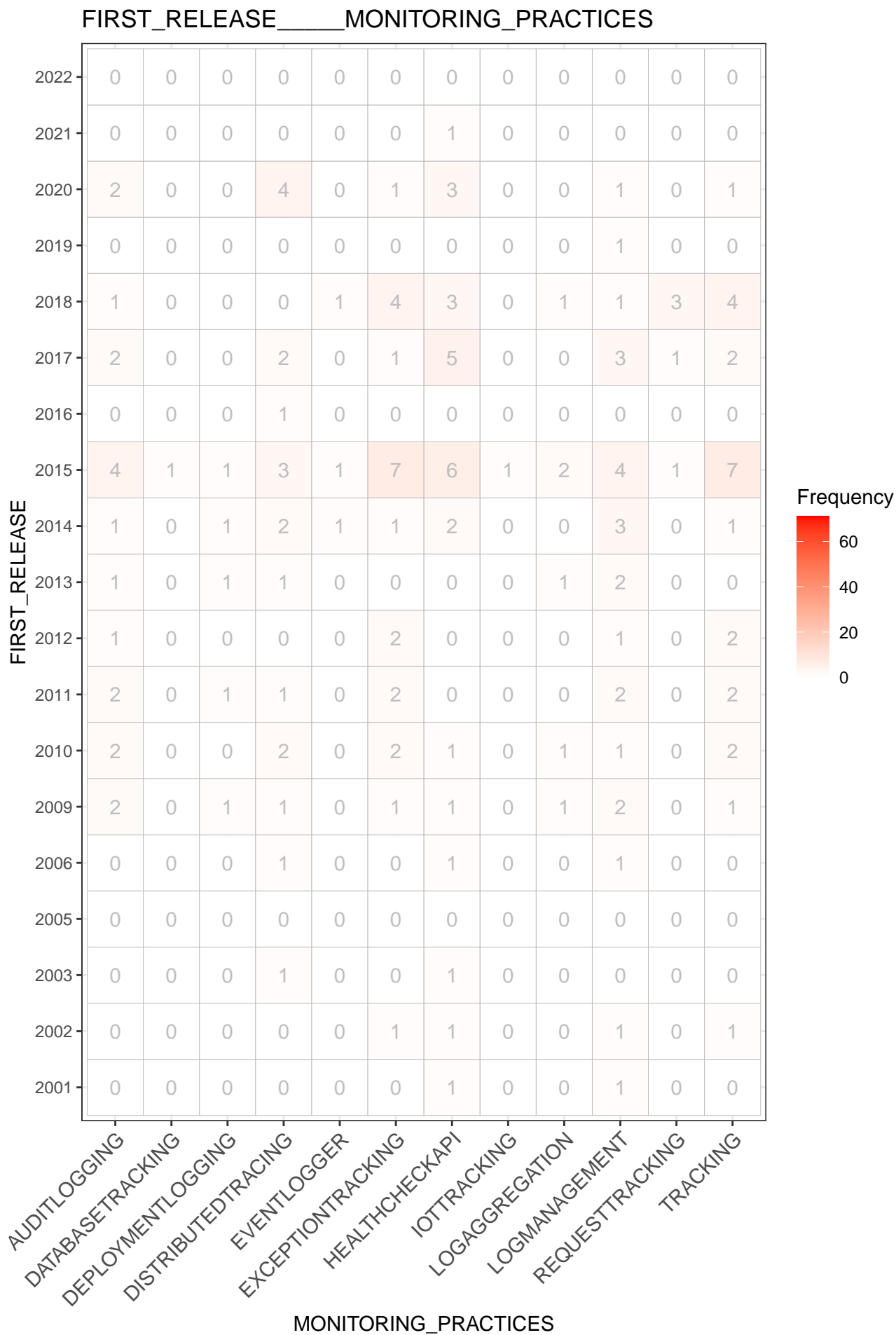


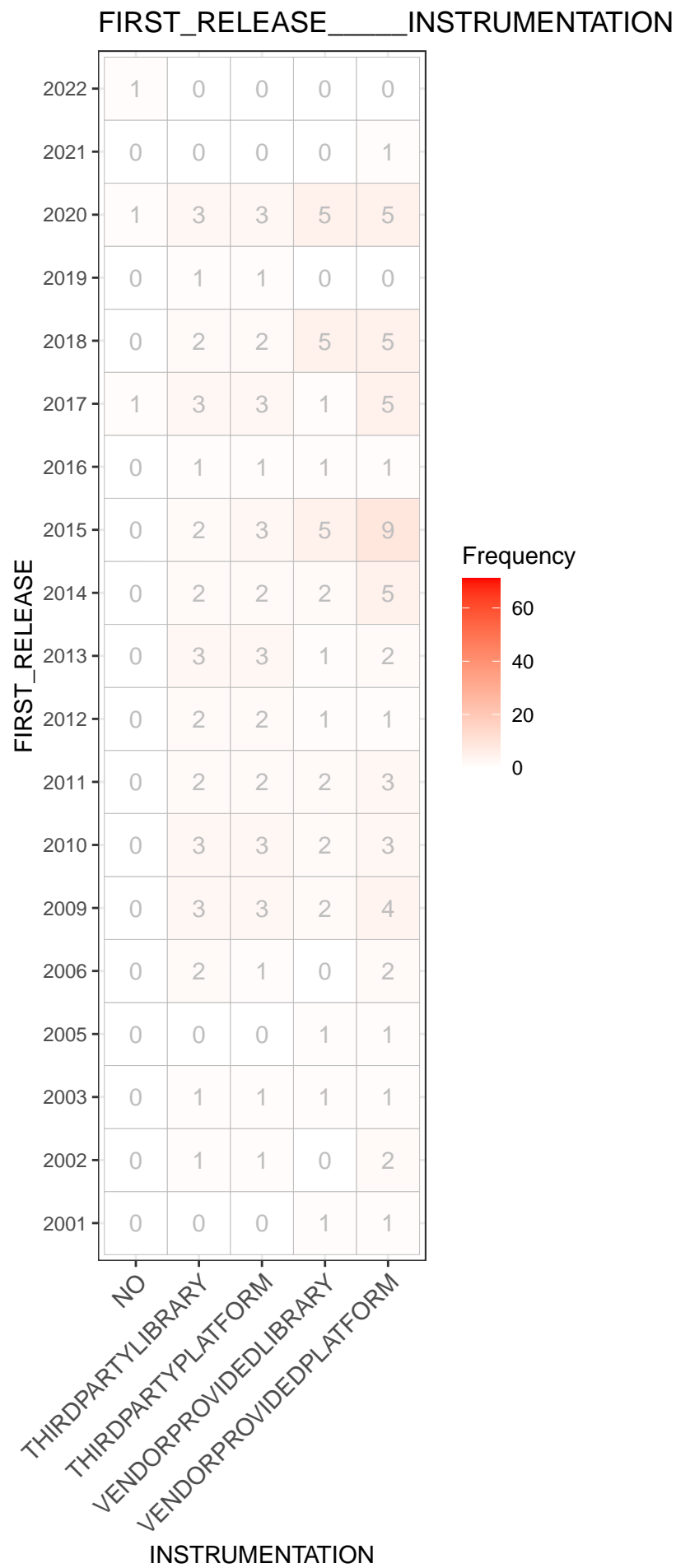


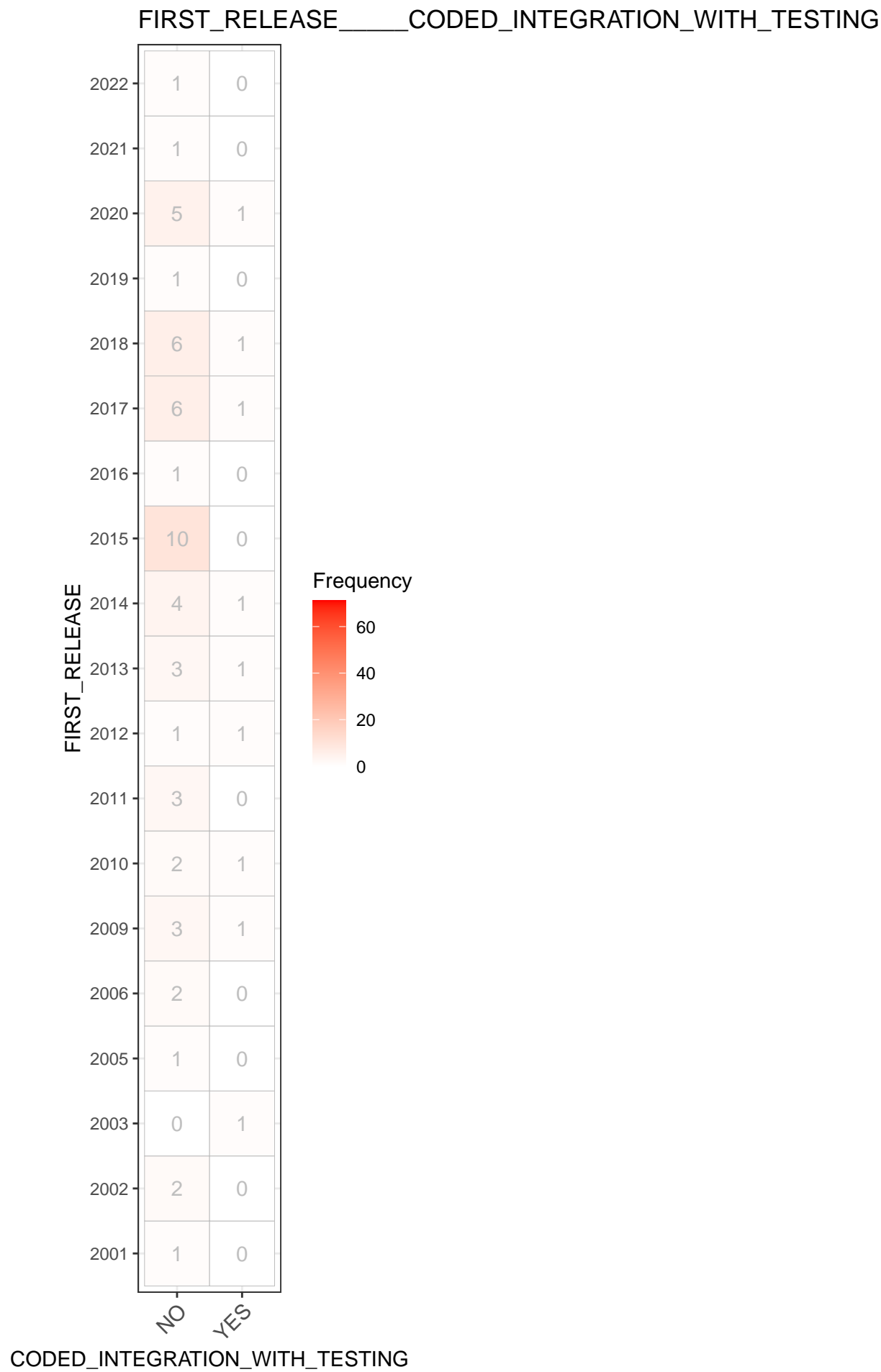
FIRST_RELEASE_____MONITORING_PATTERN



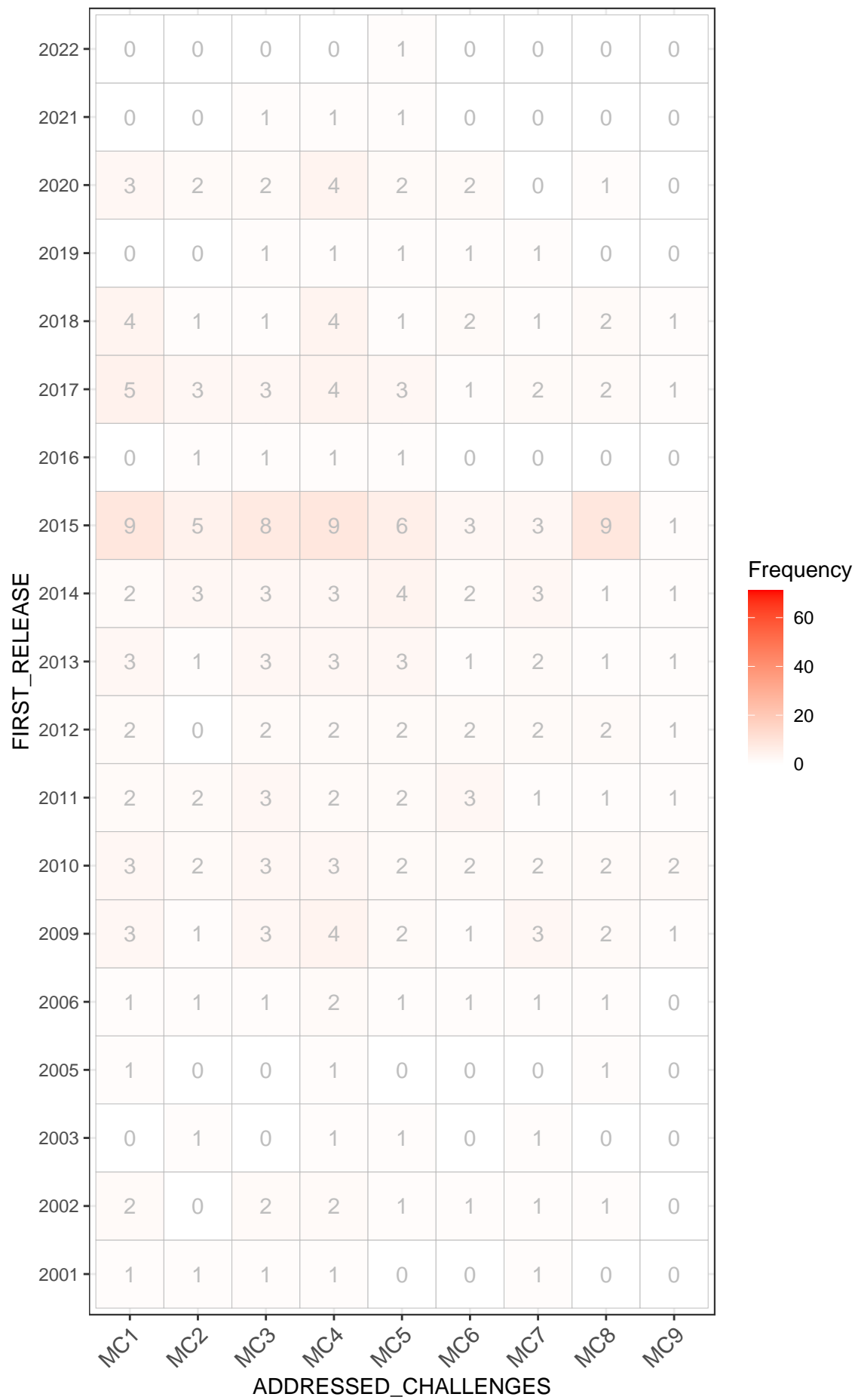




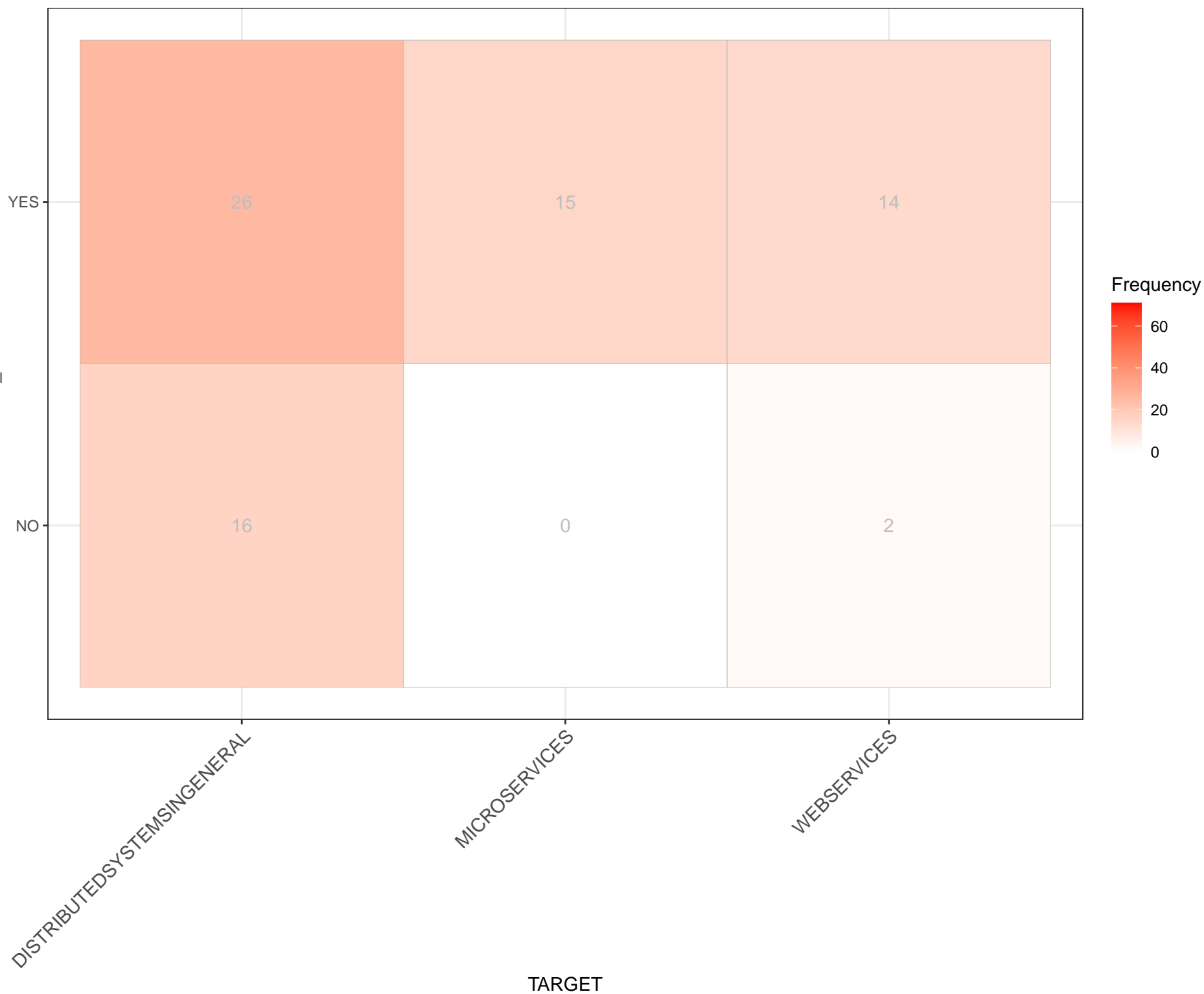


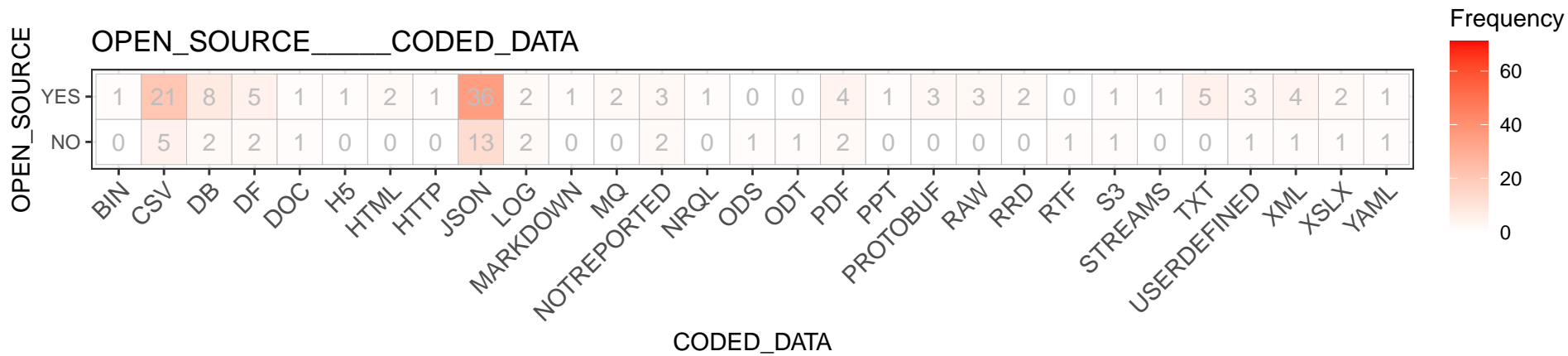


FIRST_RELEASE_____ADDRESSED_CHALLENGES

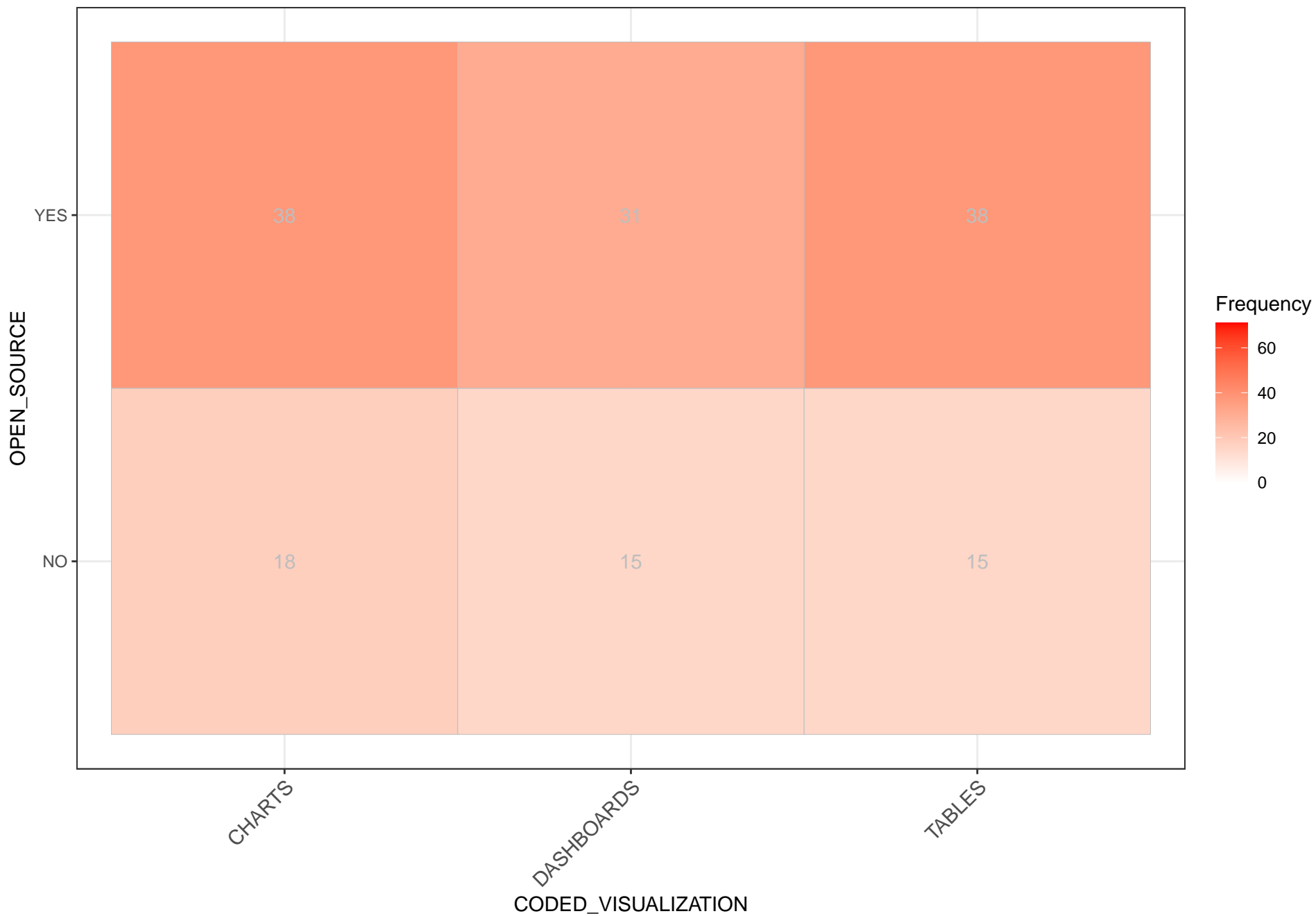


OPEN_SOURCE_____TARGET





OPEN_SOURCE____CODED_VISUALIZATION



OPEN_SOURCE

OPEN_SOURCE_____CODED_TECHNOLOGIES

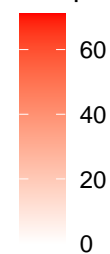
YES

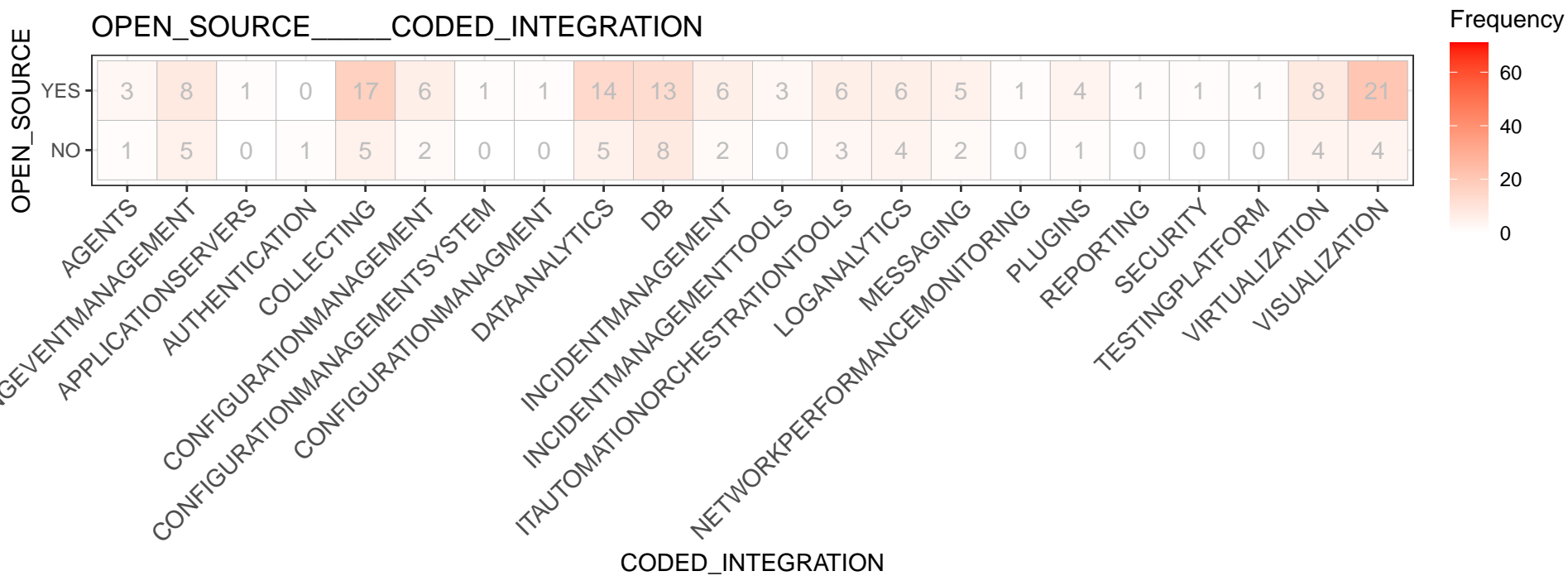
NO

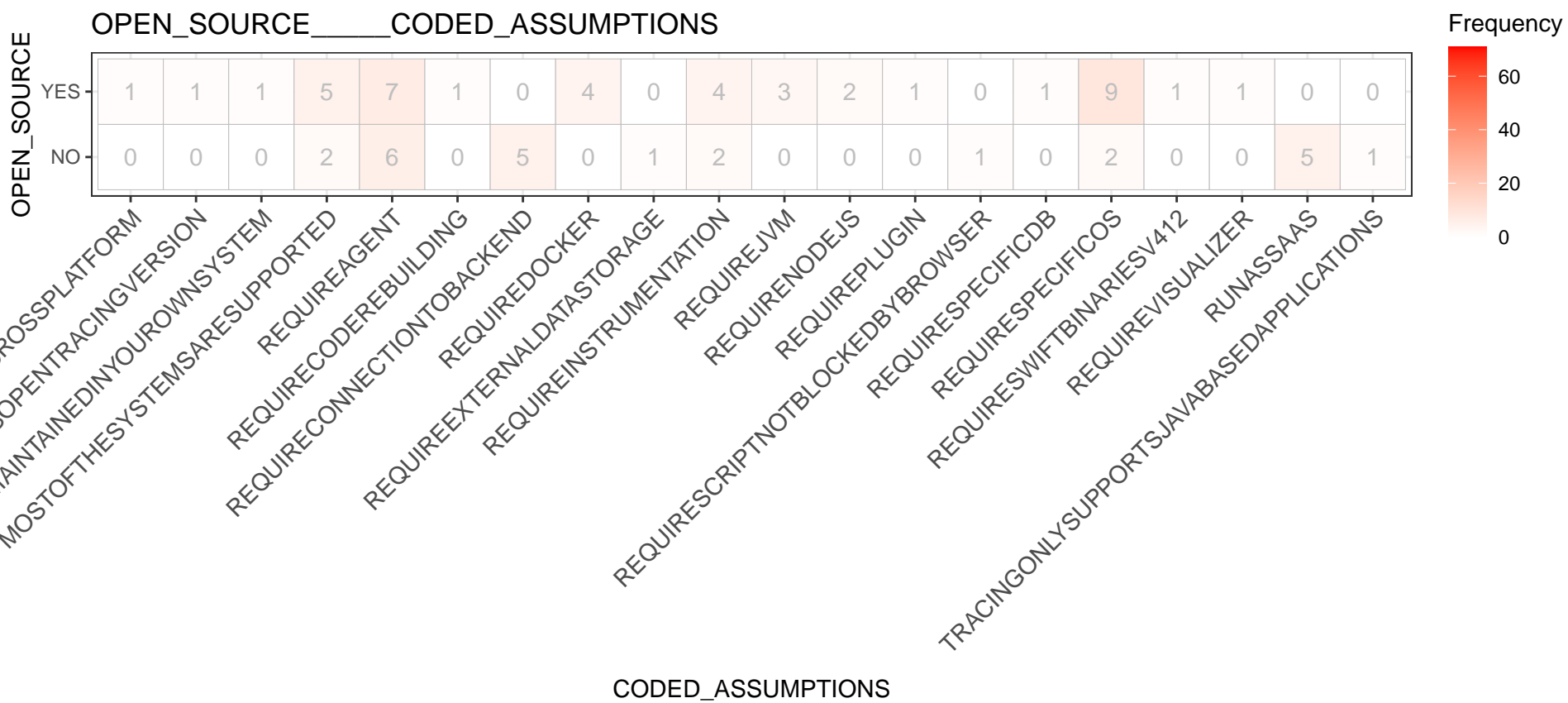
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1	0	1	11	1	0	0	1	0	0	1	0	6	0	11	7	0	0	0	2	7	1	3	9	0	0	7	1	1	0	0	1	1

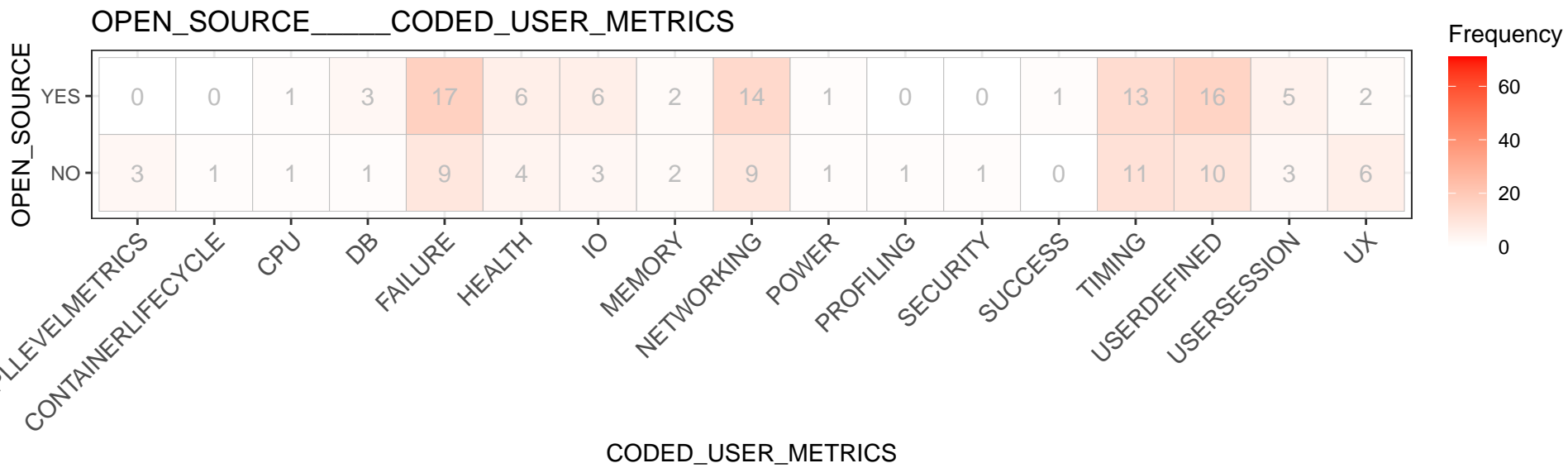
CODED_TECHNOLOGIES

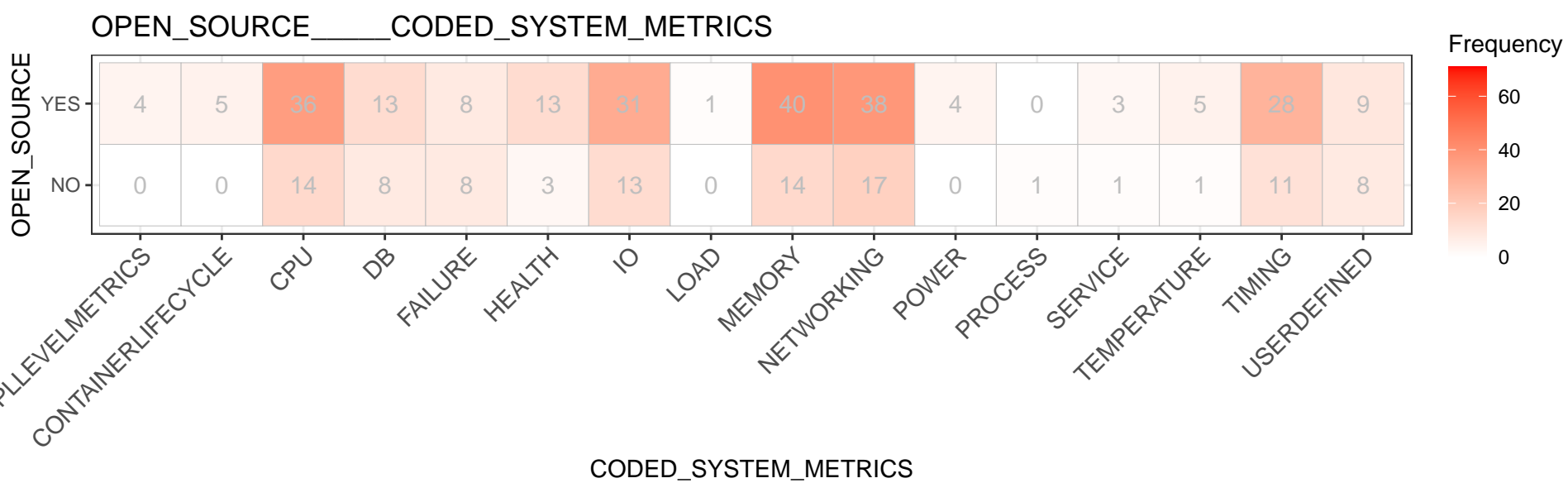
Frequency











OPEN_SOURCE____TRACING

OPEN_SOURCE

YES

31

22

NO

10

8

FALSE

TRACING

TRUE

Frequency



60

40

20

0

OPEN_SOURCE____EVENTS_LOGGING

OPEN_SOURCE

YES

15

38

NO

2

16

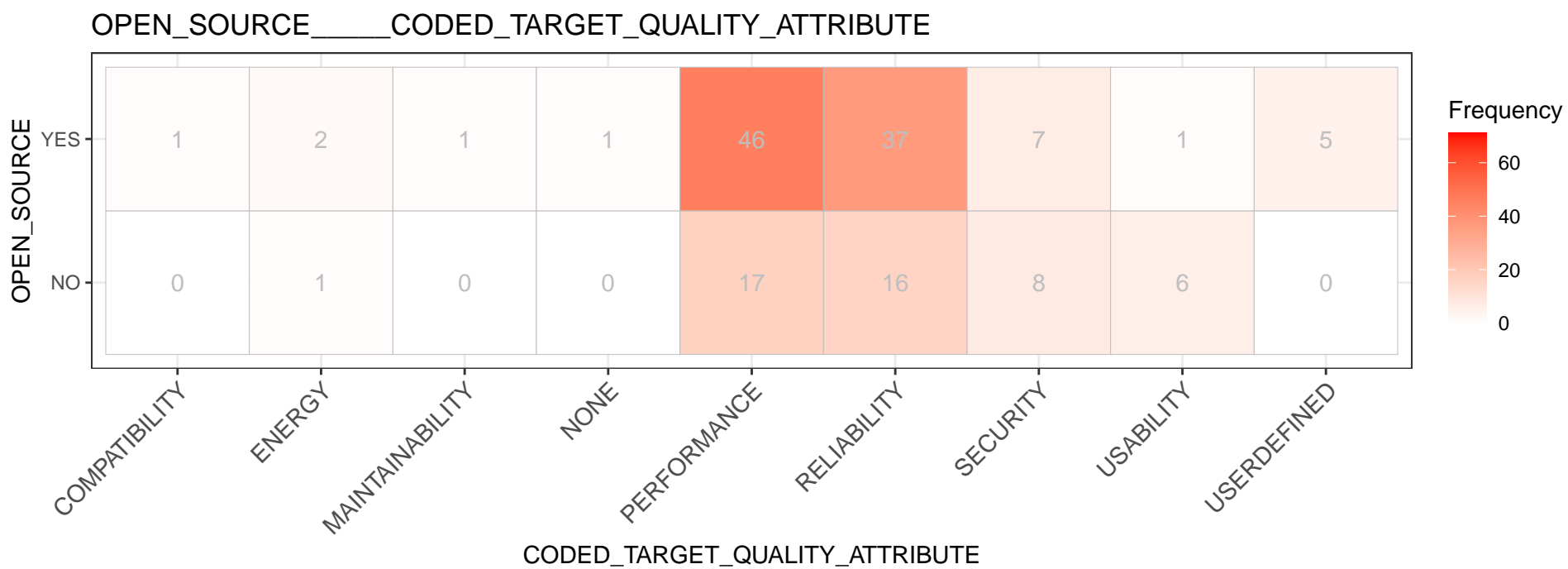
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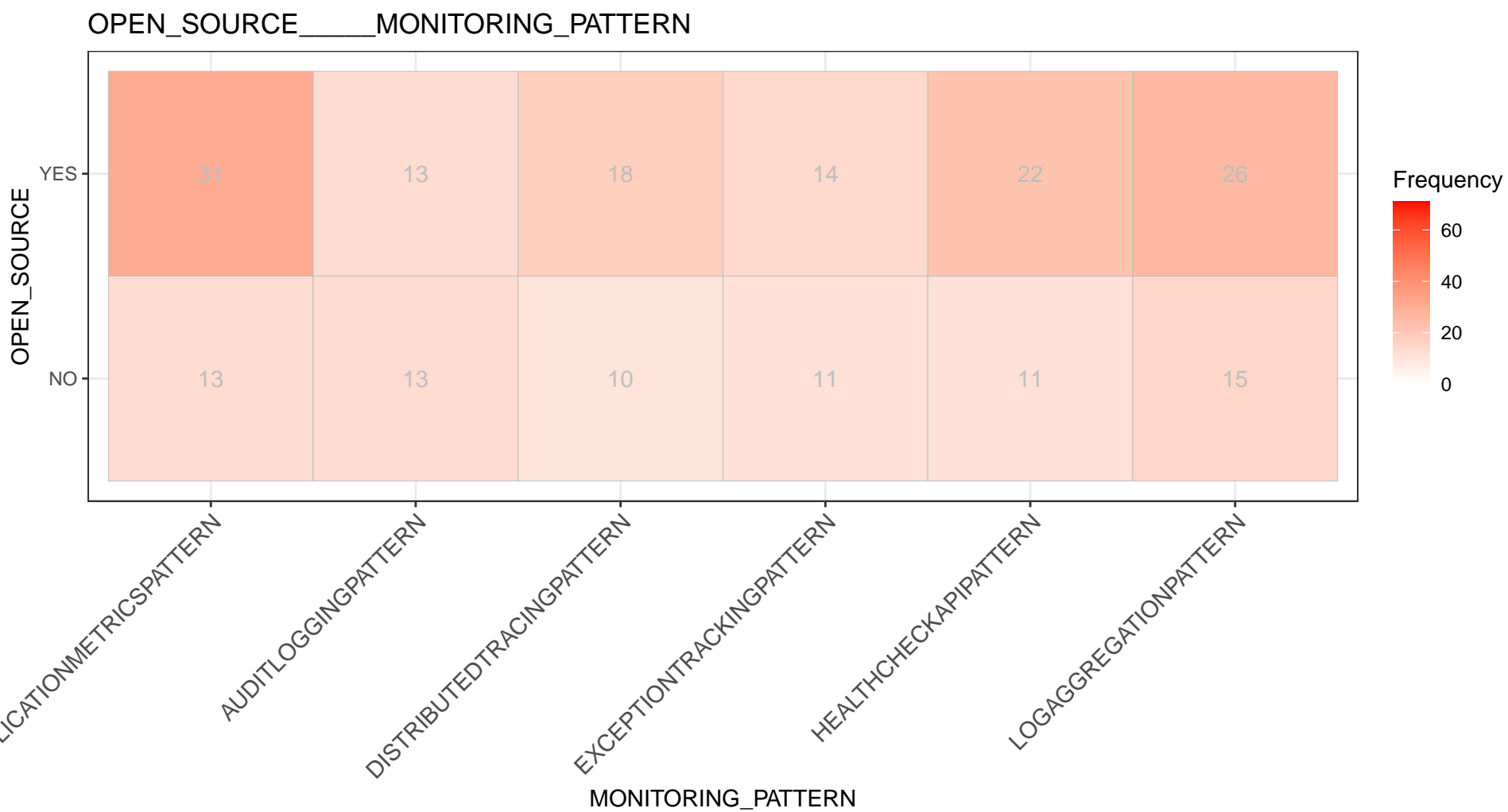
TRUE

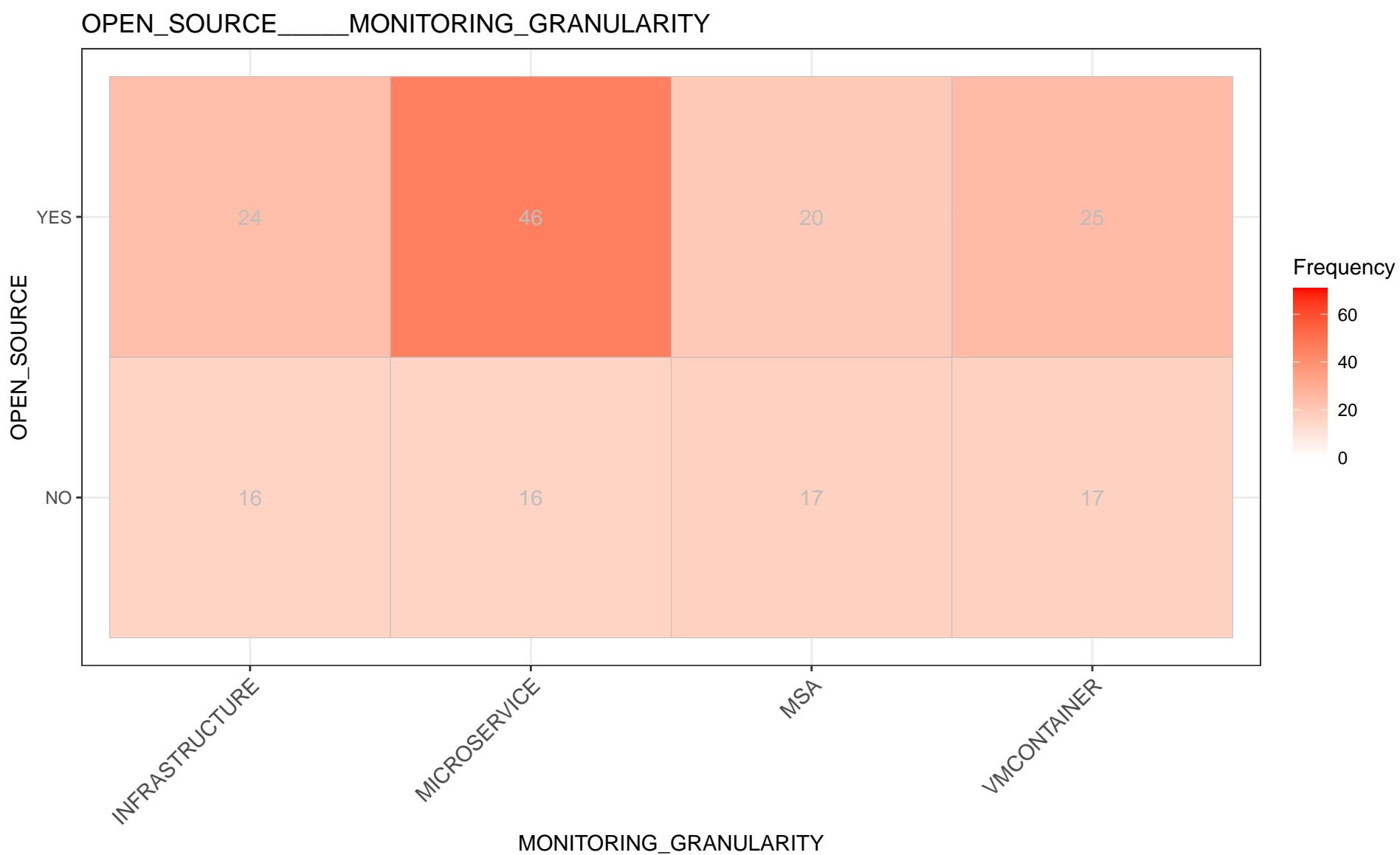
EVENTS_LOGGING

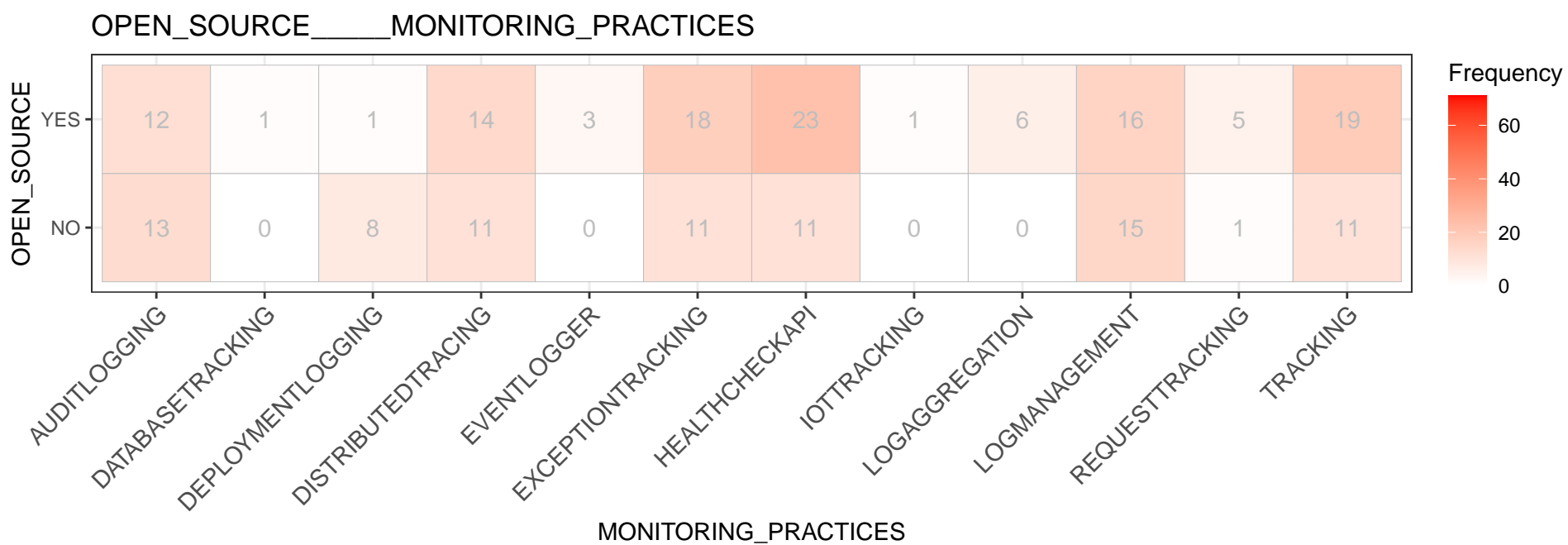
Frequency



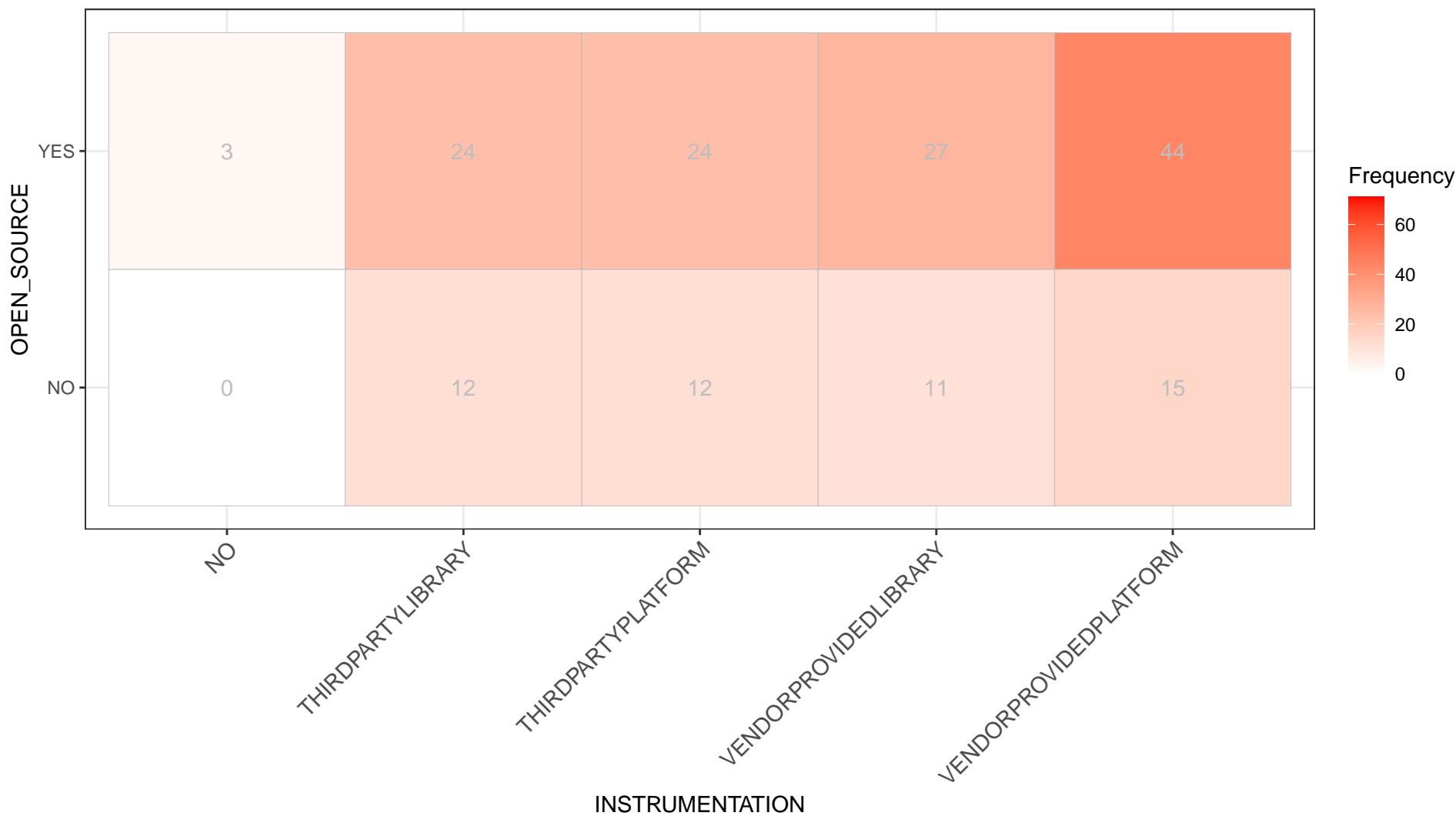








OPEN_SOURCE____INSTRUMENTATION



OPEN_SOURCE ____ CODED_INTEGRATION_WITH_TESTING

OPEN_SOURCE

YES

NO

47

6

13

5

NO

YES

CODED_INTEGRATION_WITH_TESTING

Frequency

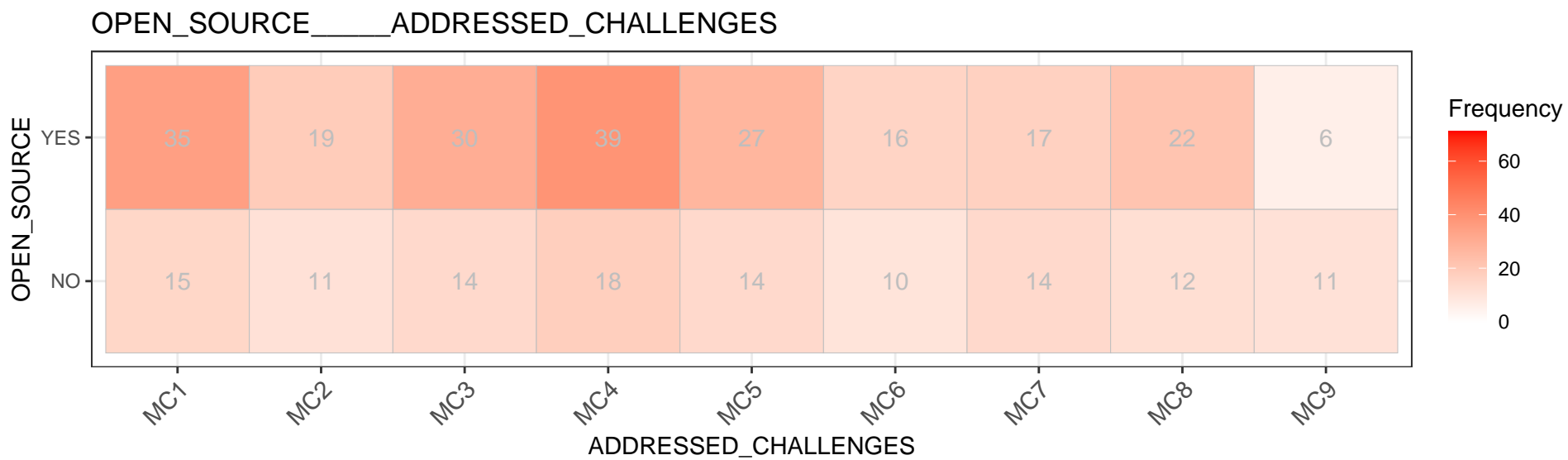


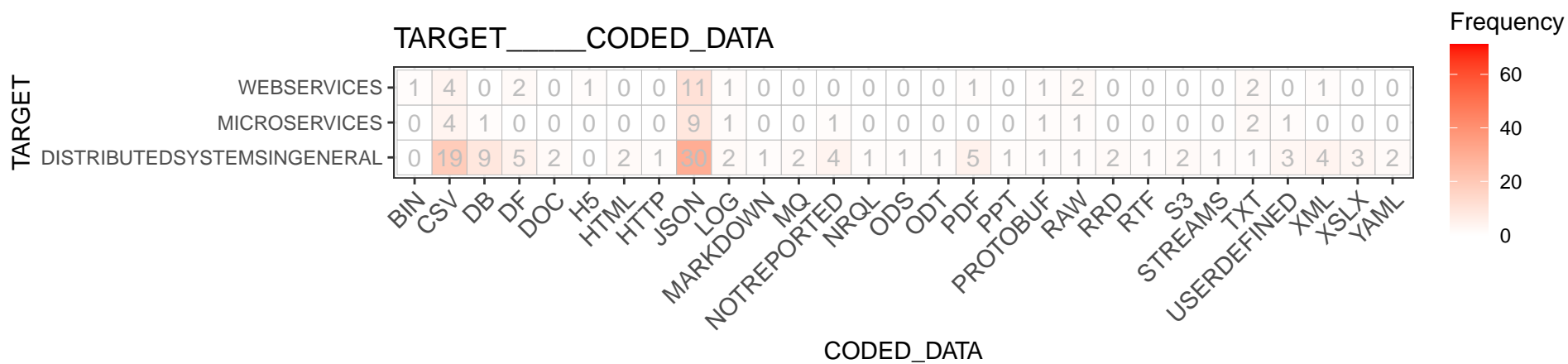
60

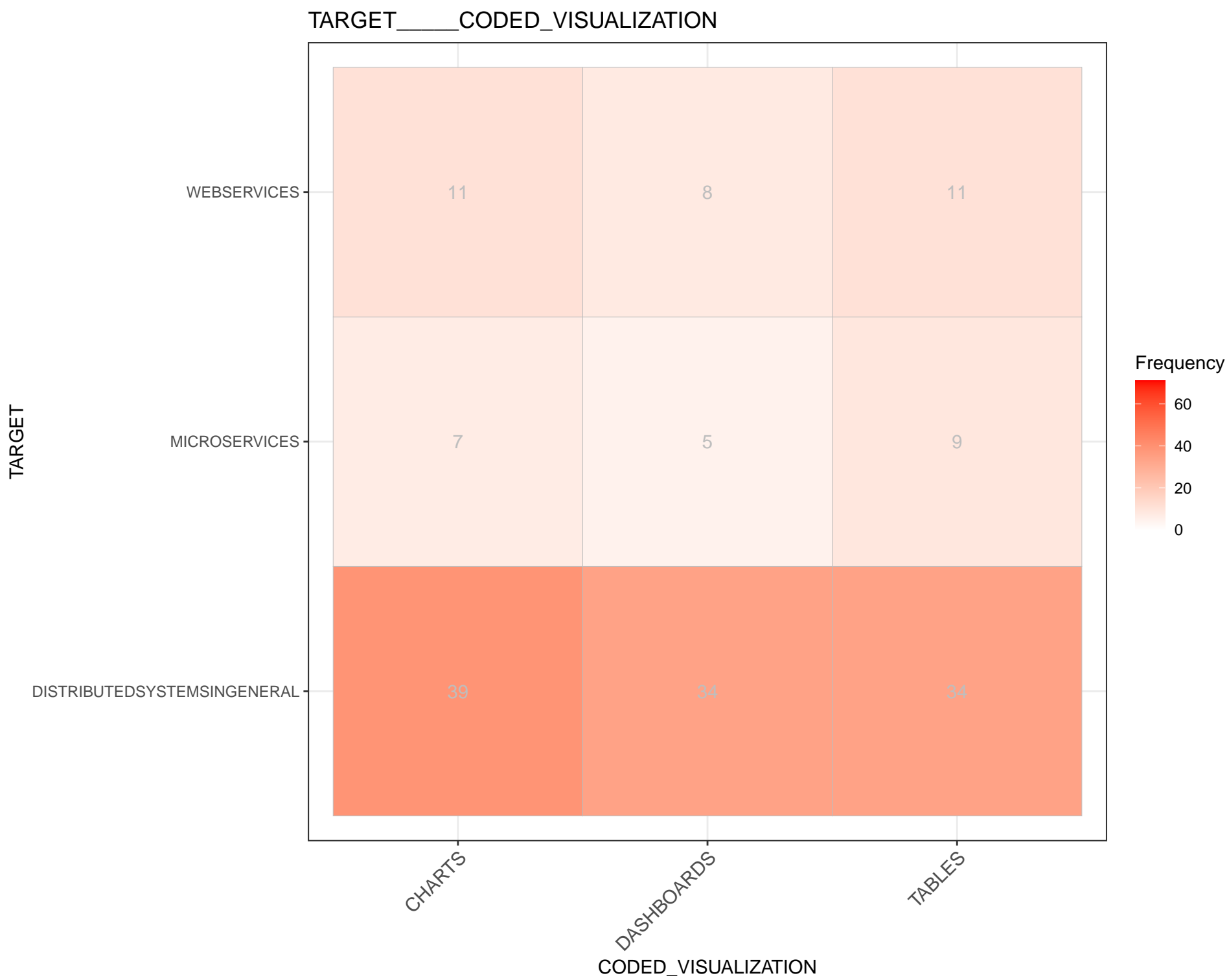
40

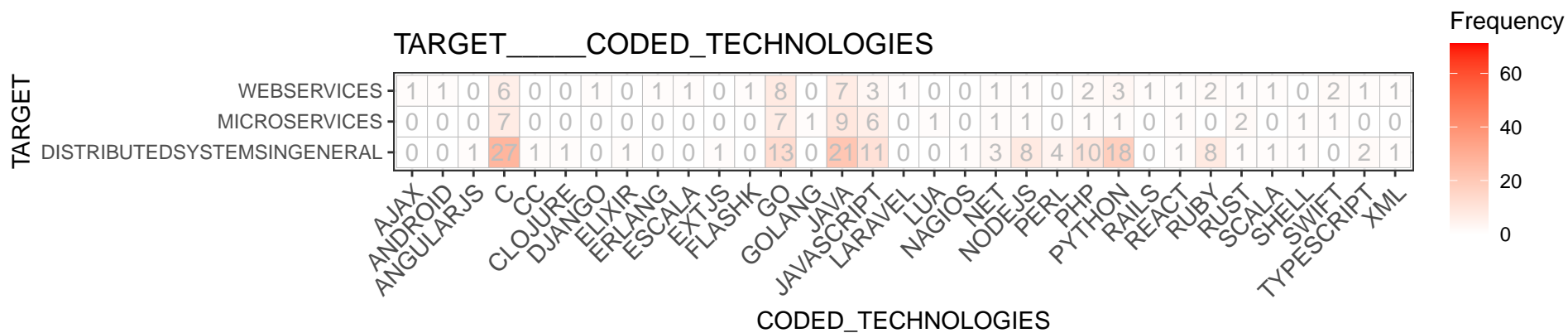
20

0

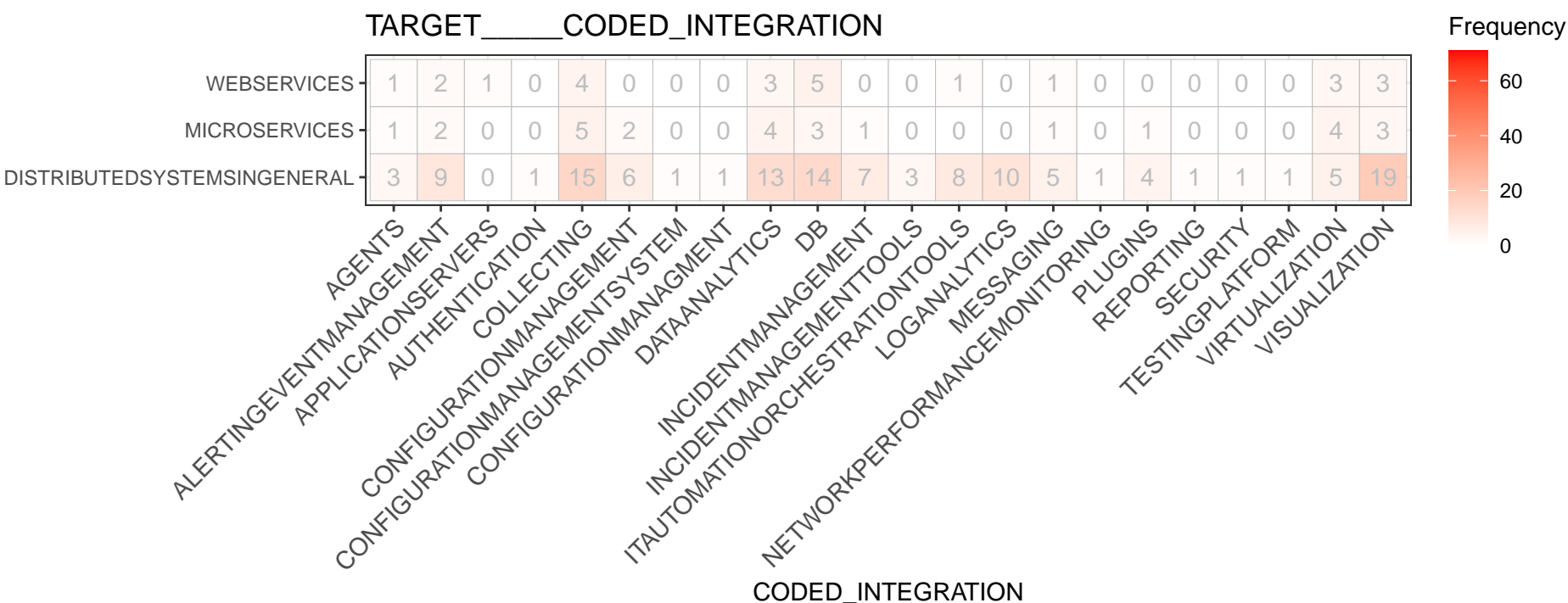


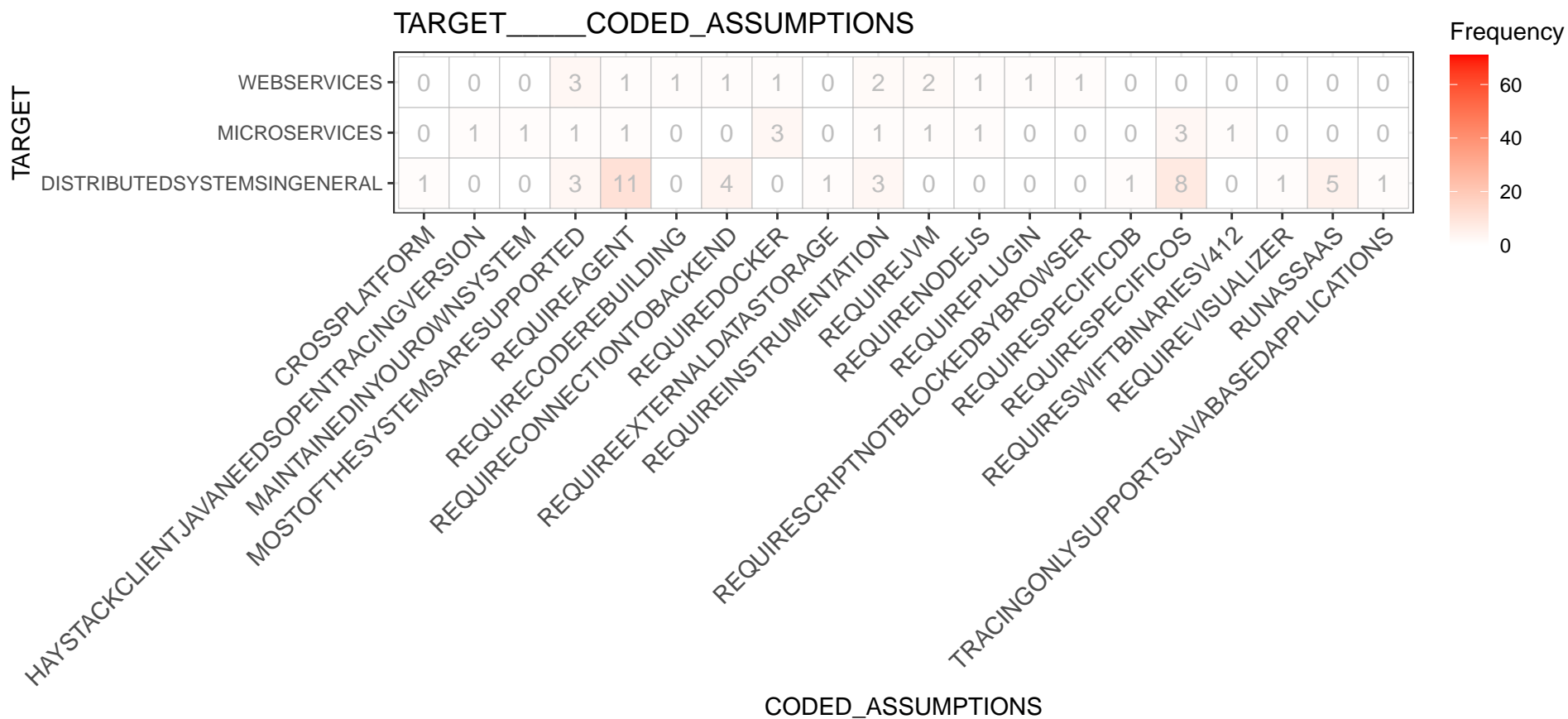


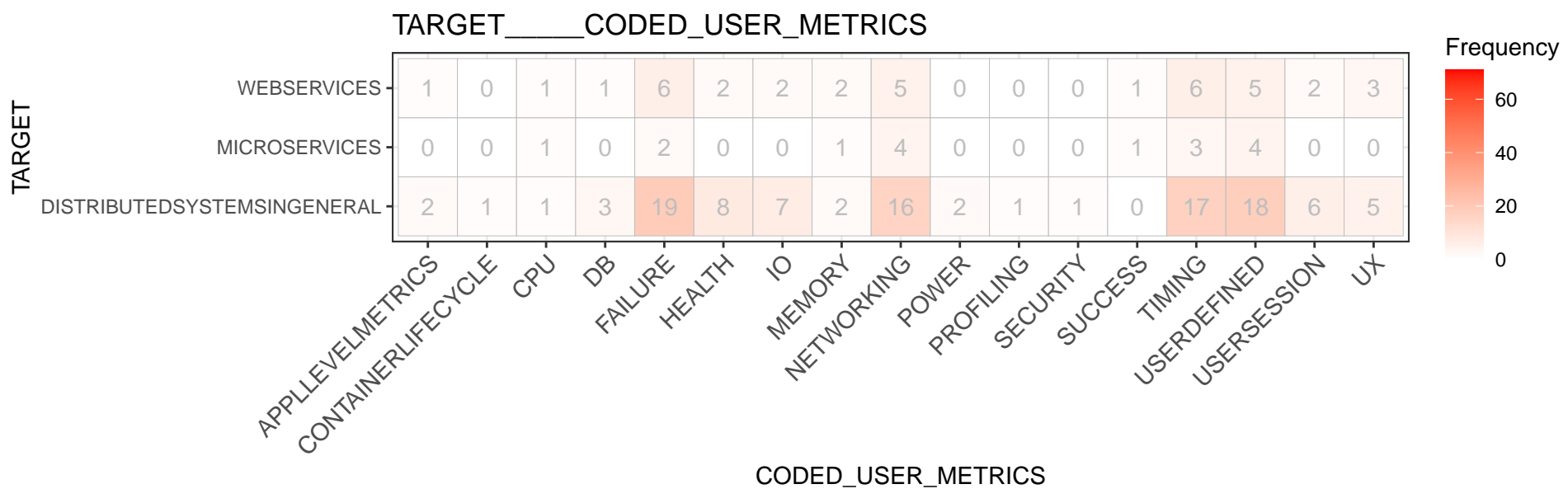


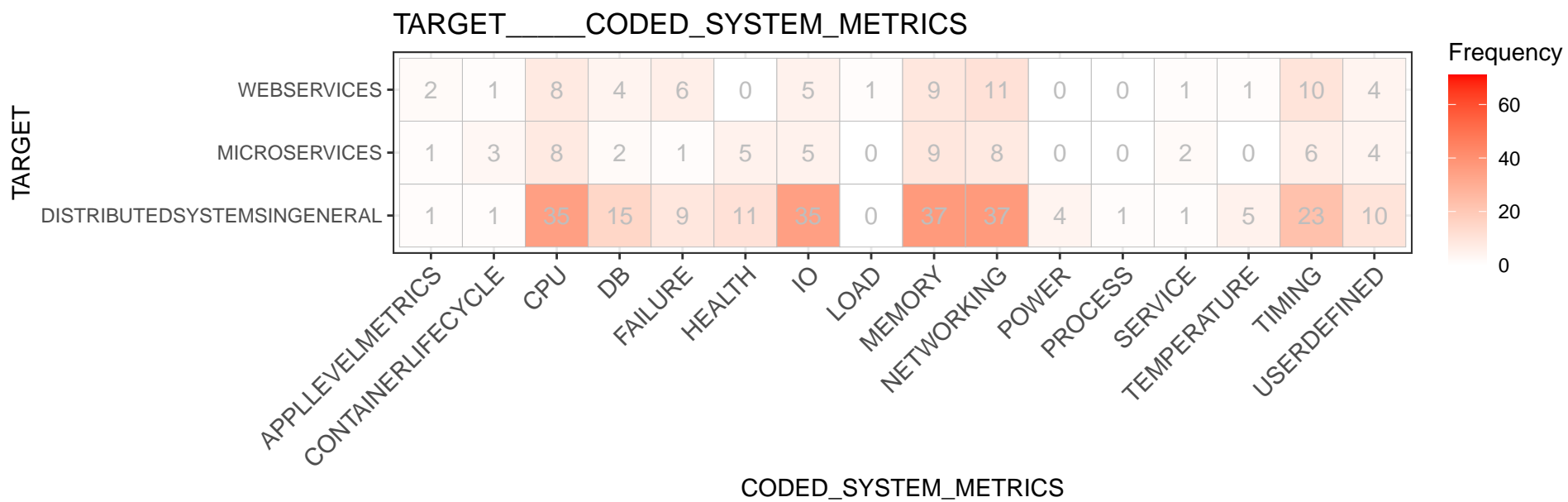


TARGET

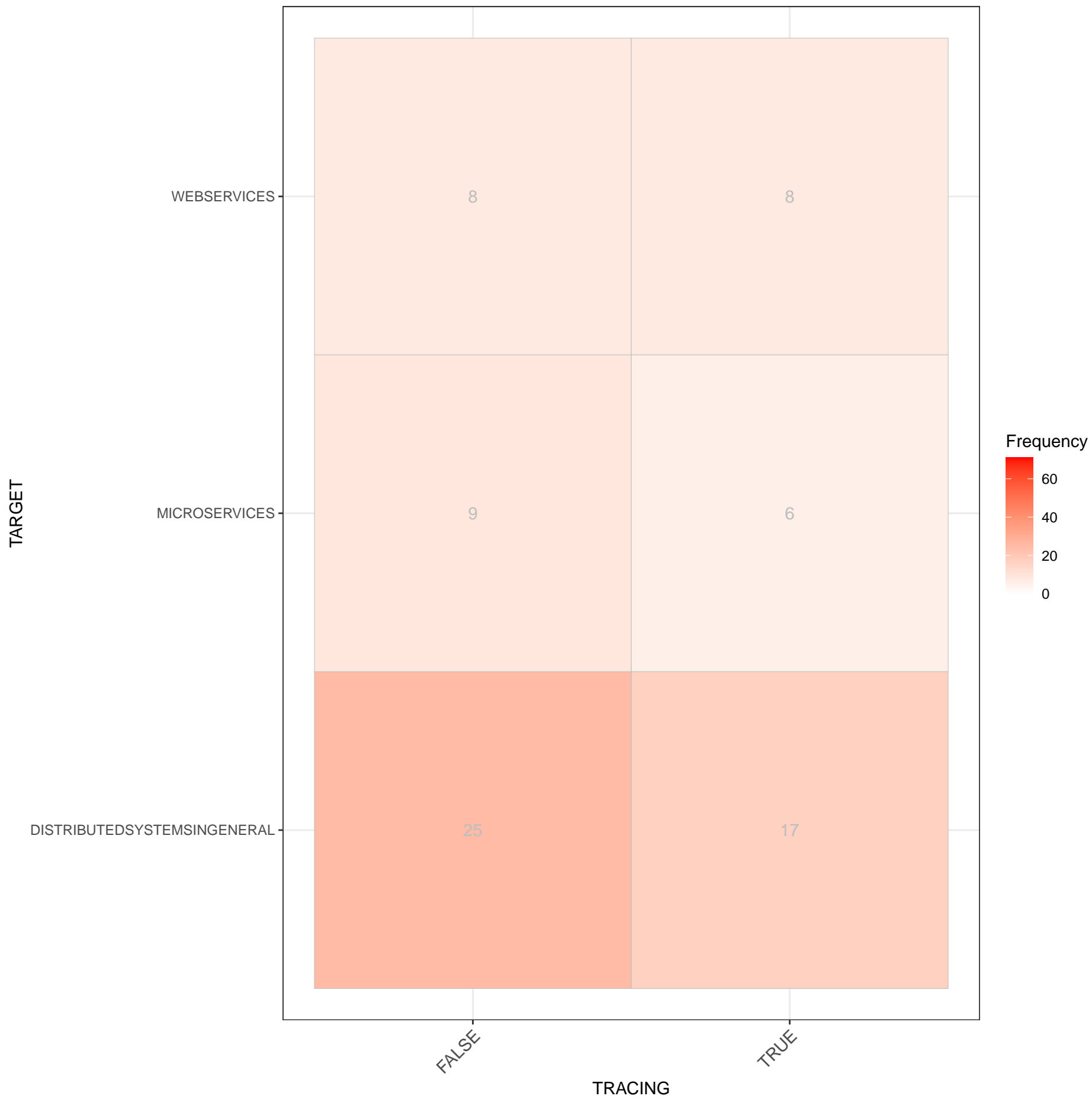








TARGET_____TRACING



TARGET_____EVENTS_LOGGING

TARGET

WEBSERVICES

MICROSERVICES

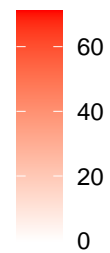
DISTRIBUTEDSYSTEMSINGENERAL

FALSE

TRUE

EVENTS_LOGGING

Frequency



7

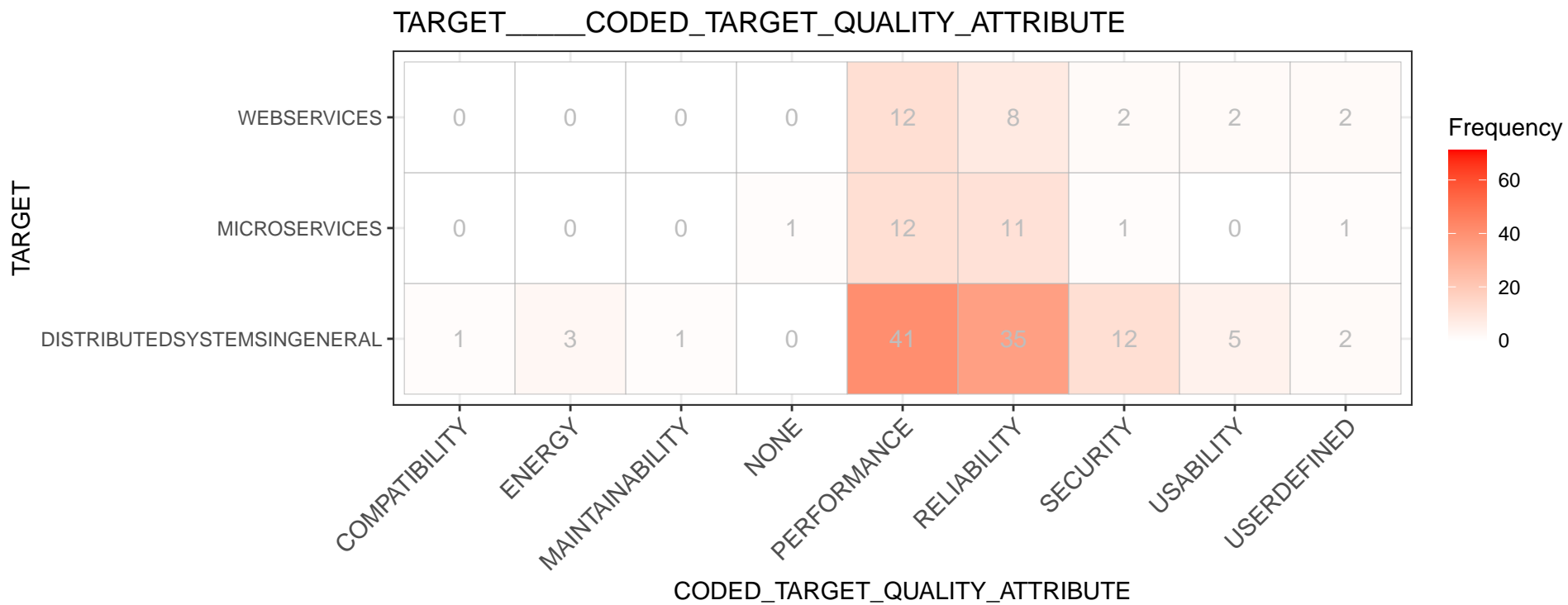
9

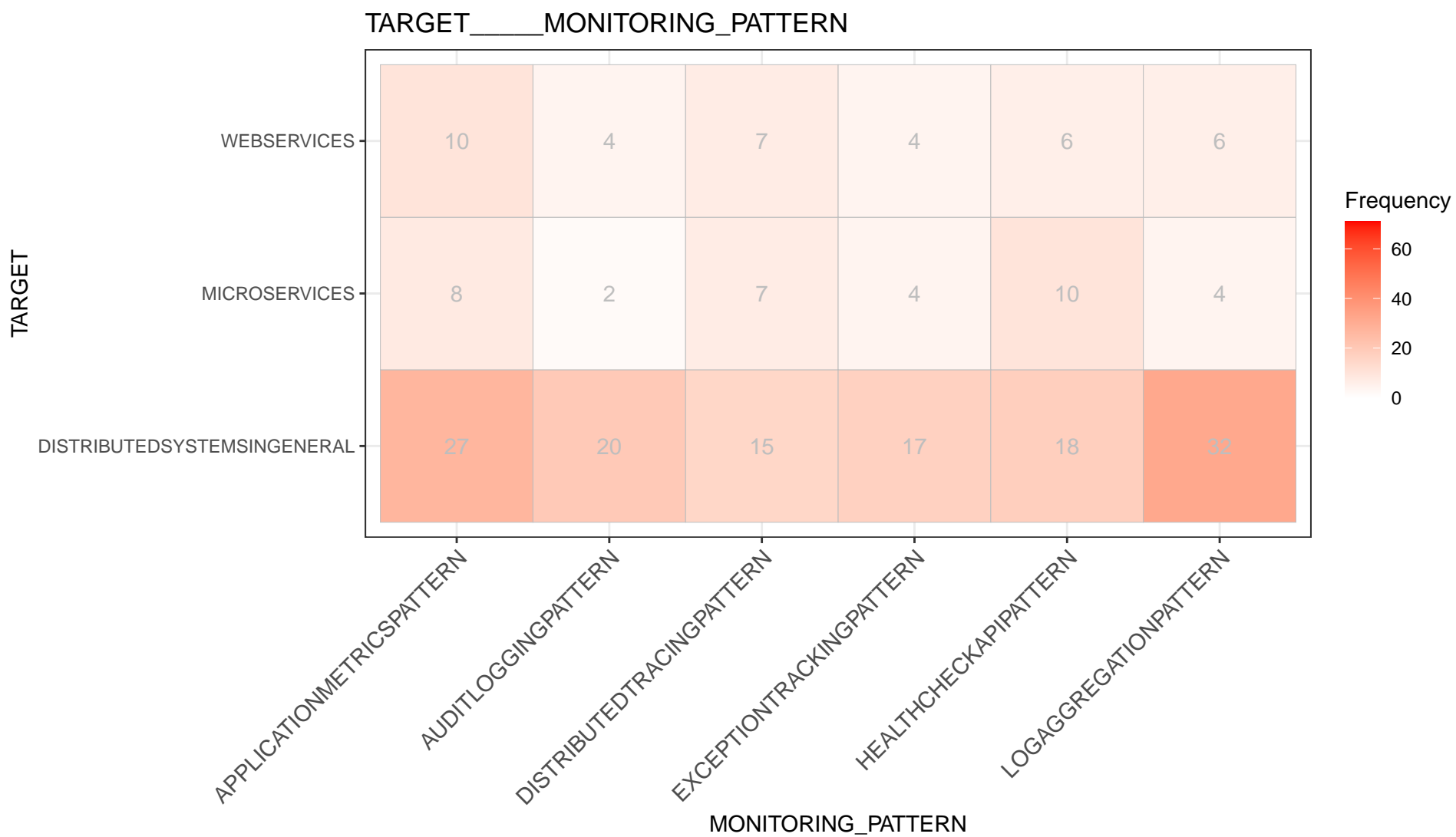
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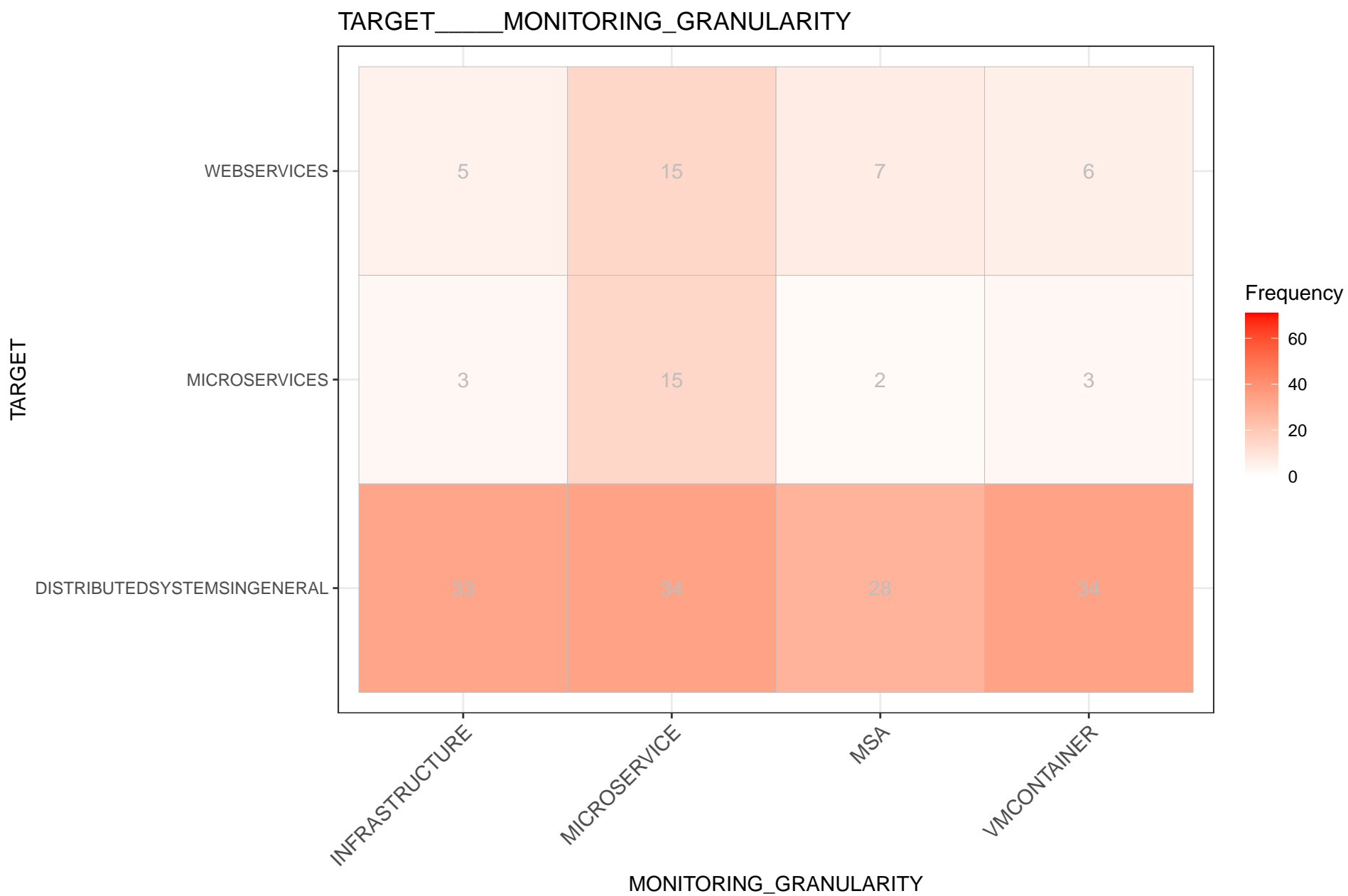
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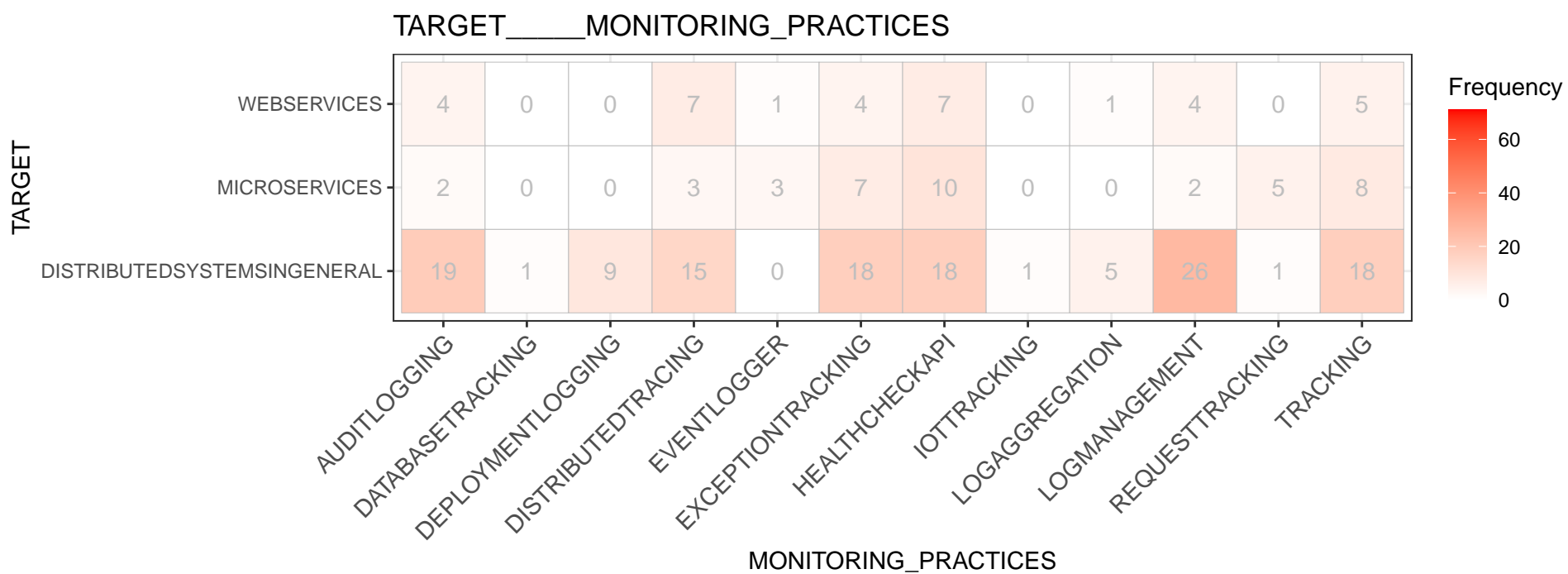
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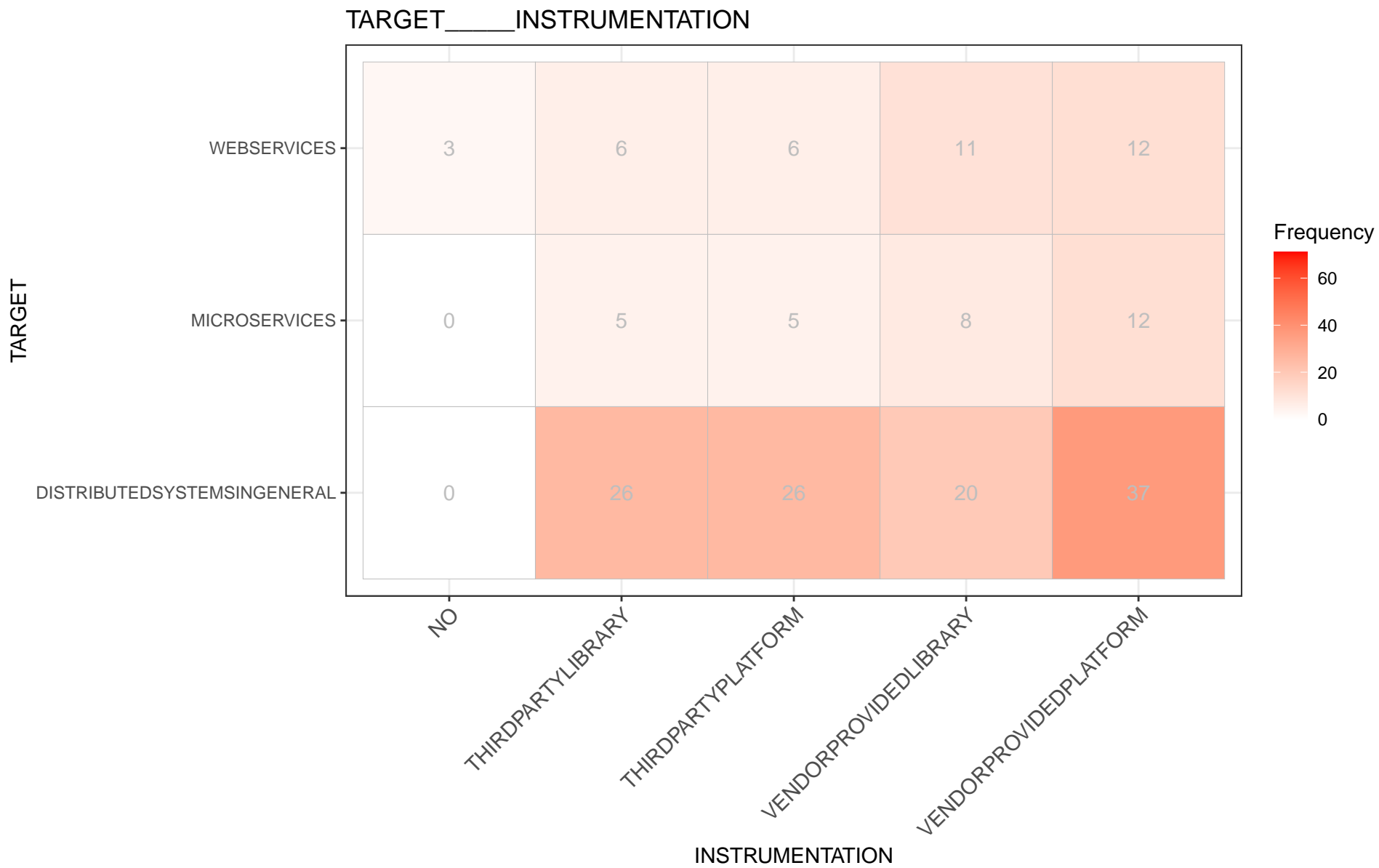
38



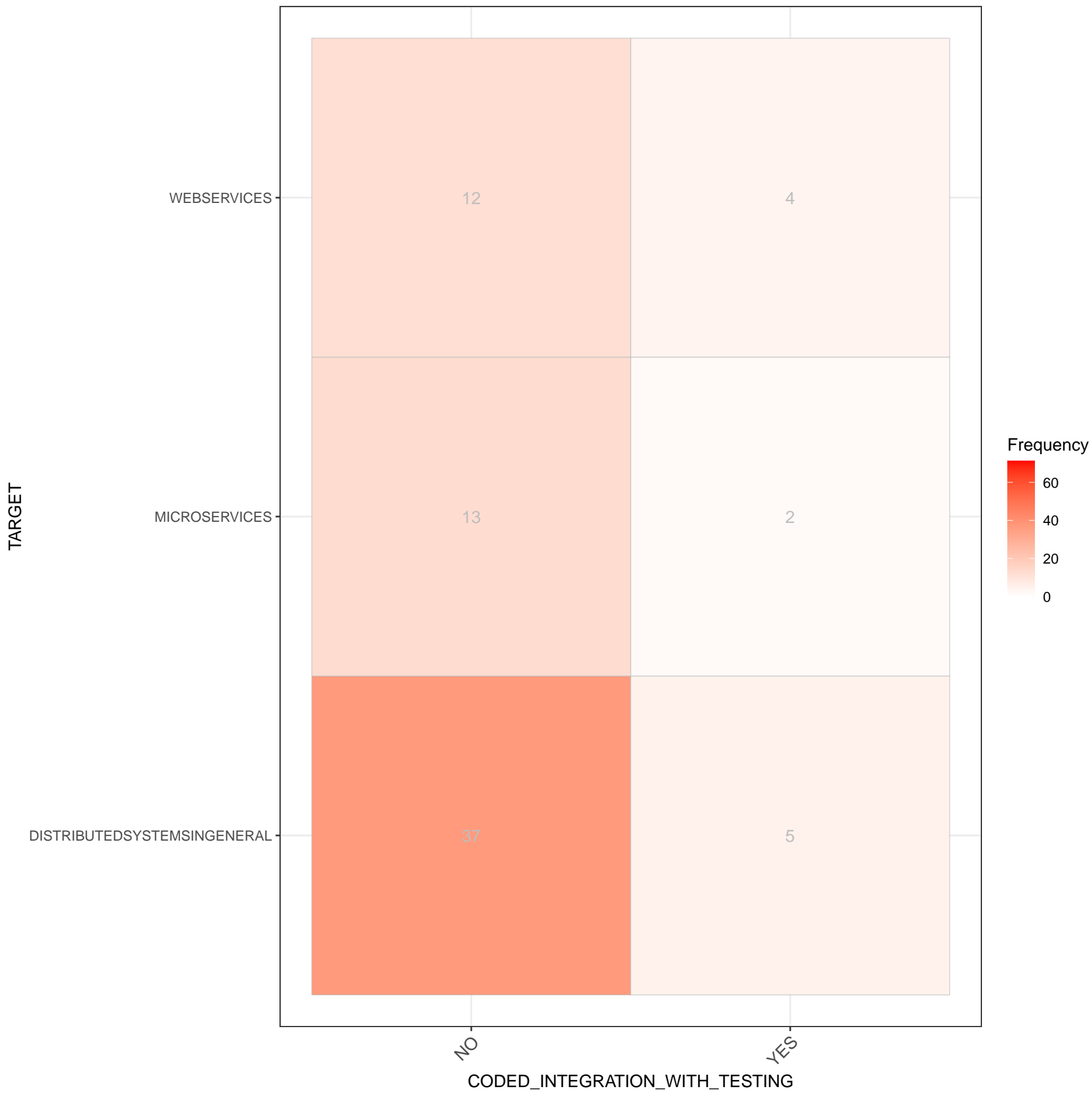


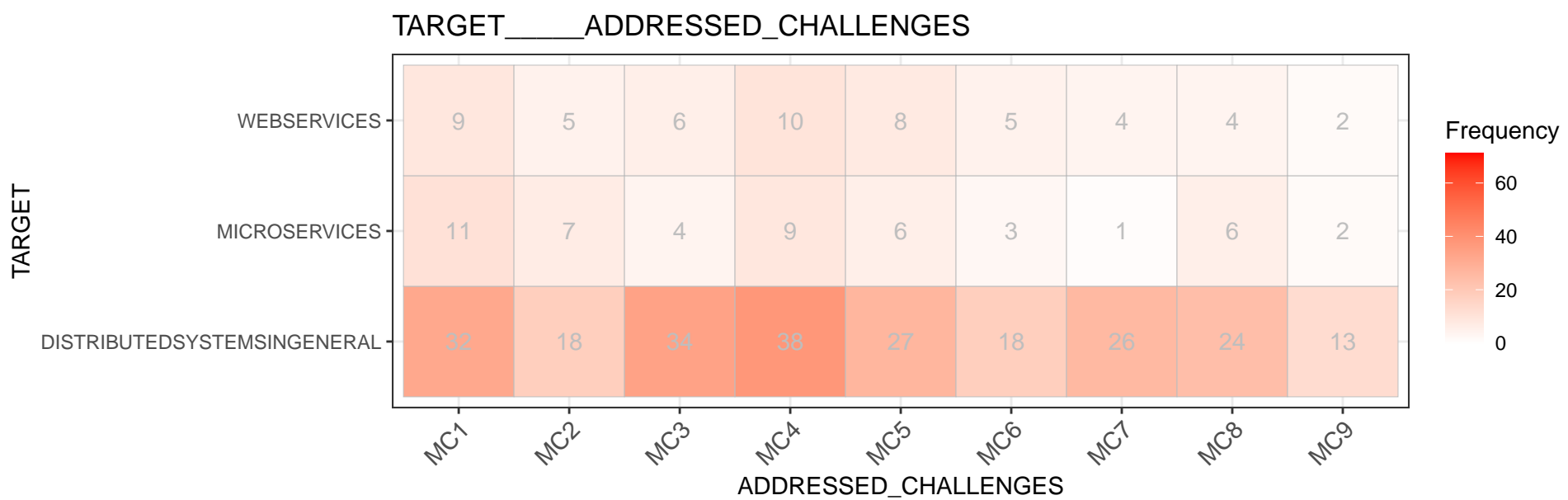


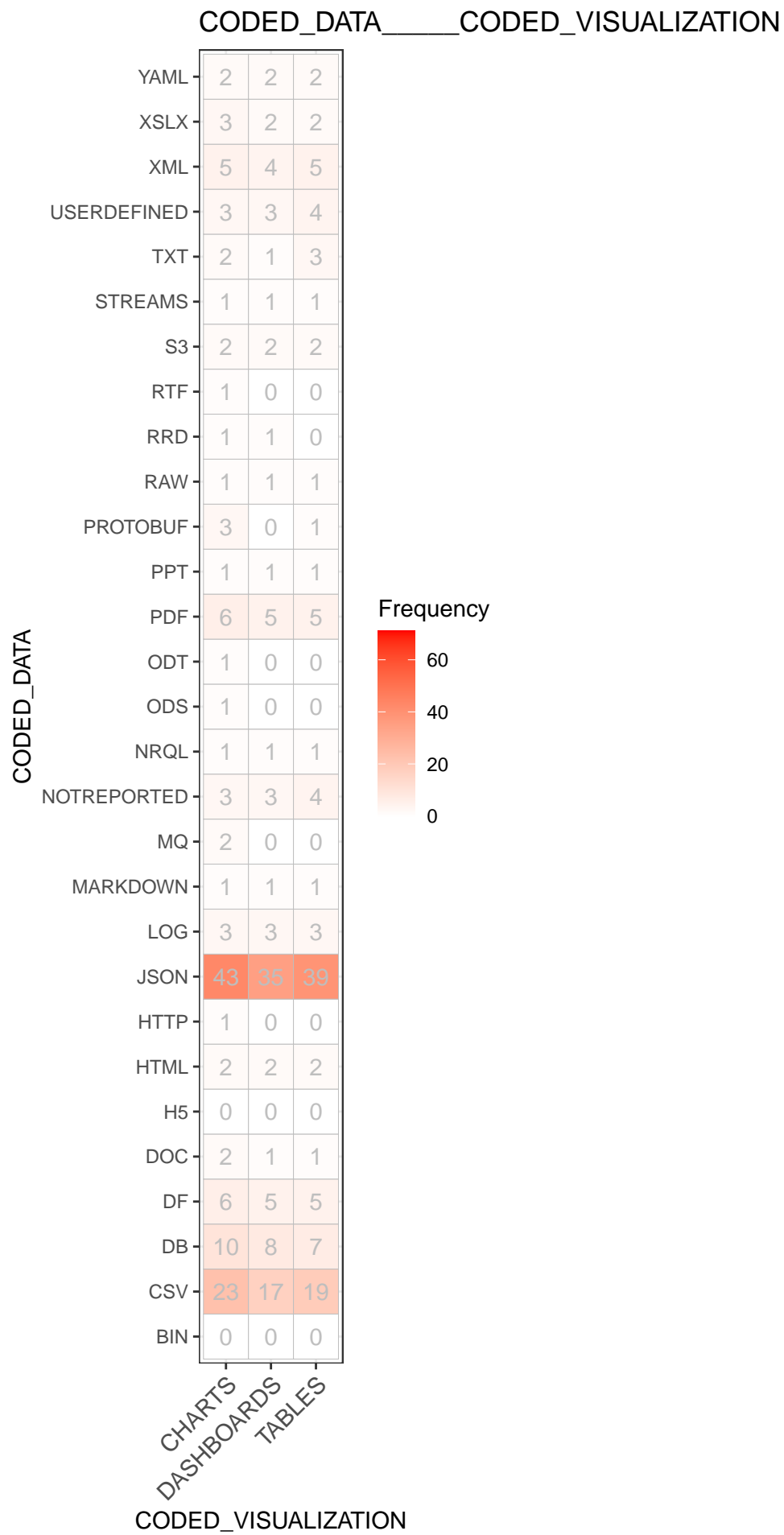


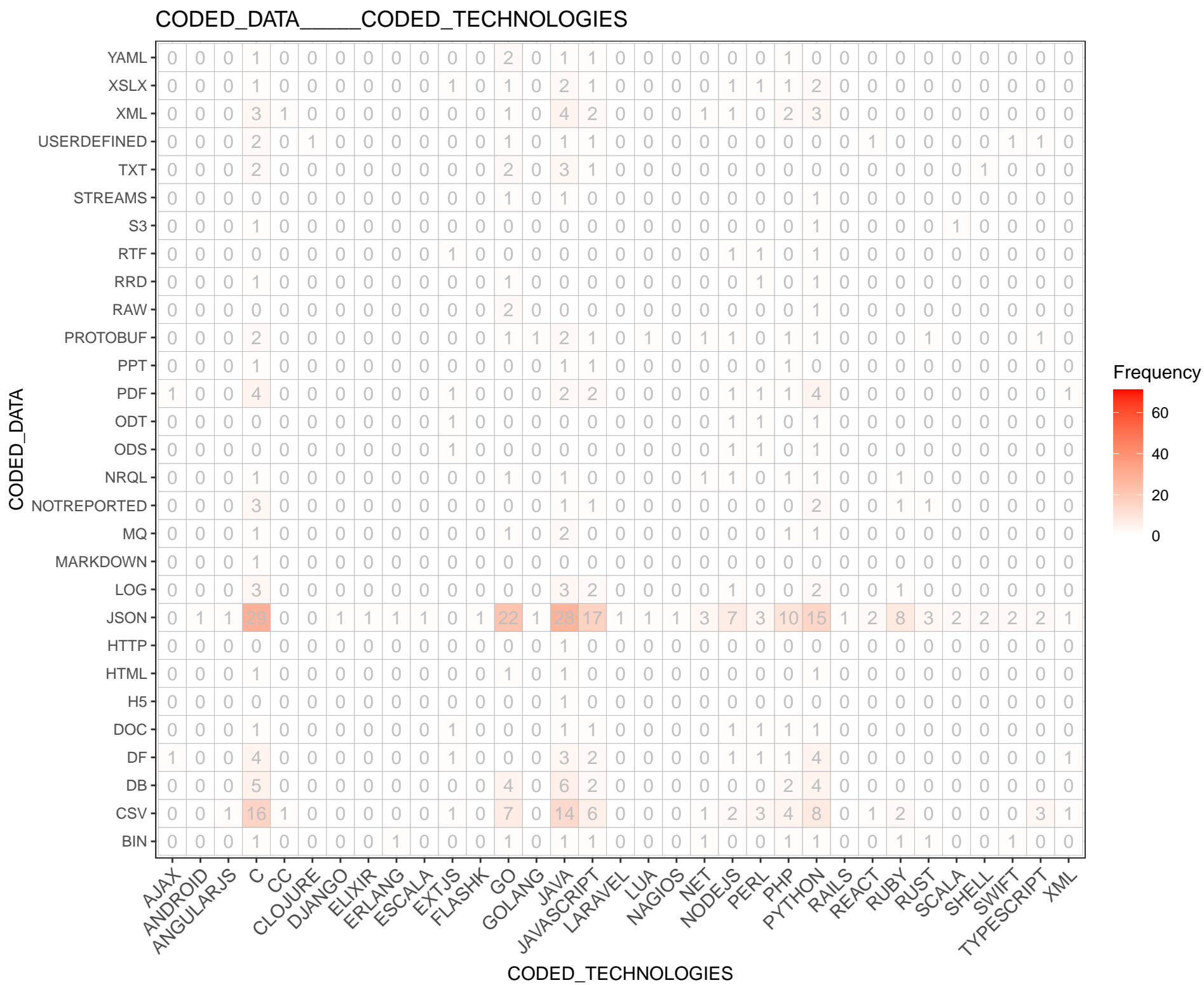


TARGET_____CODED_INTEGRATION_WITH_TESTING

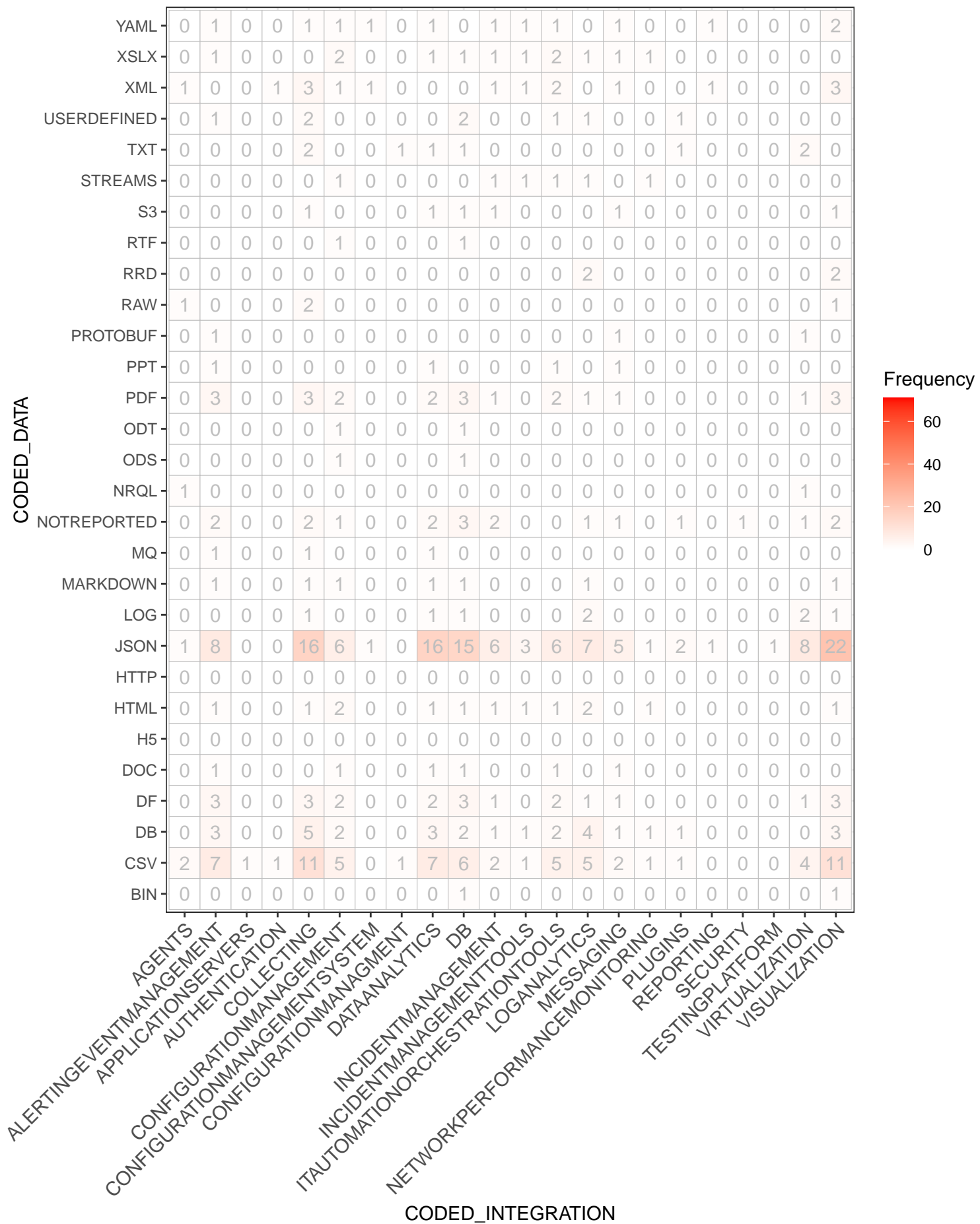


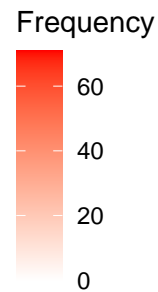
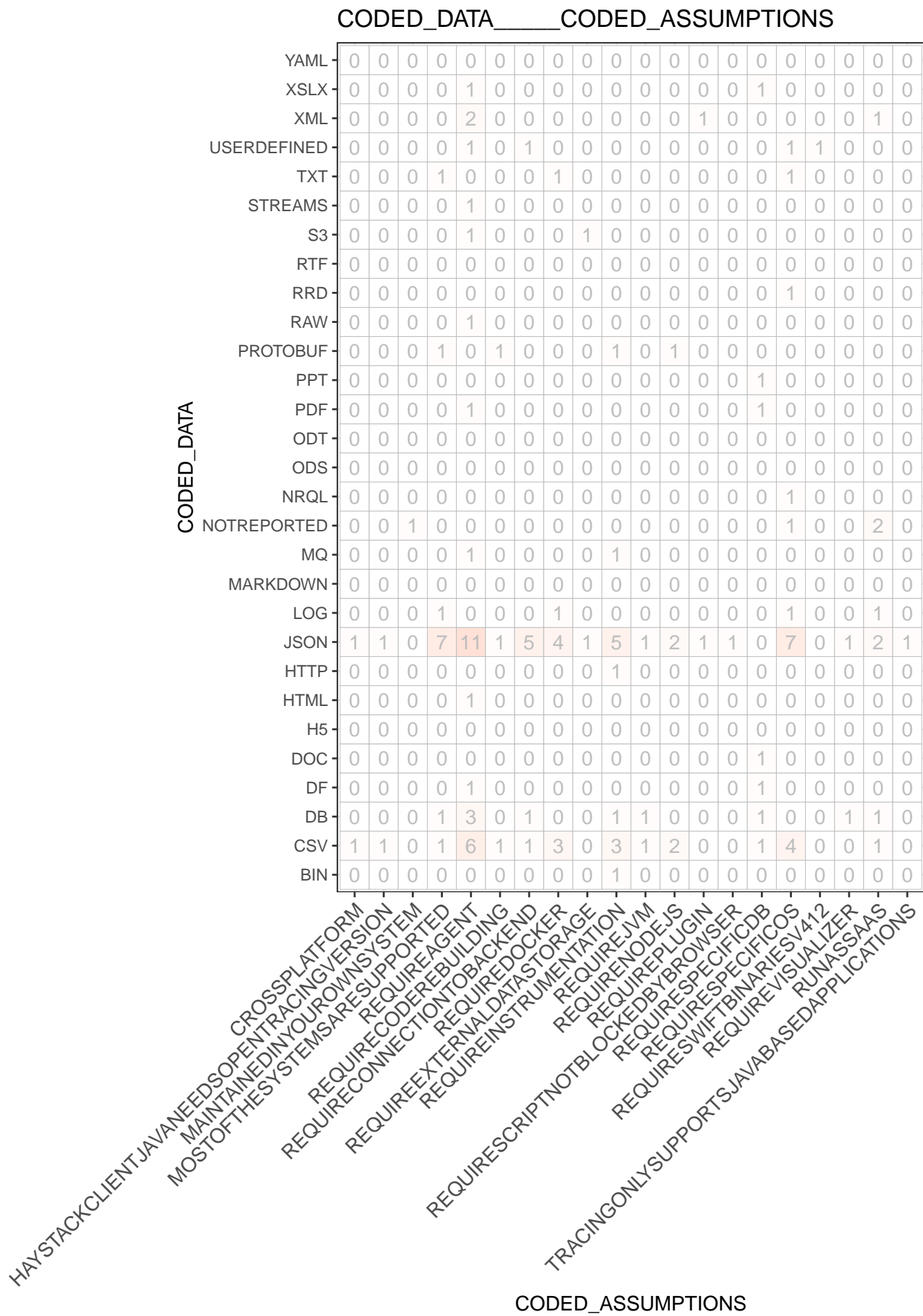


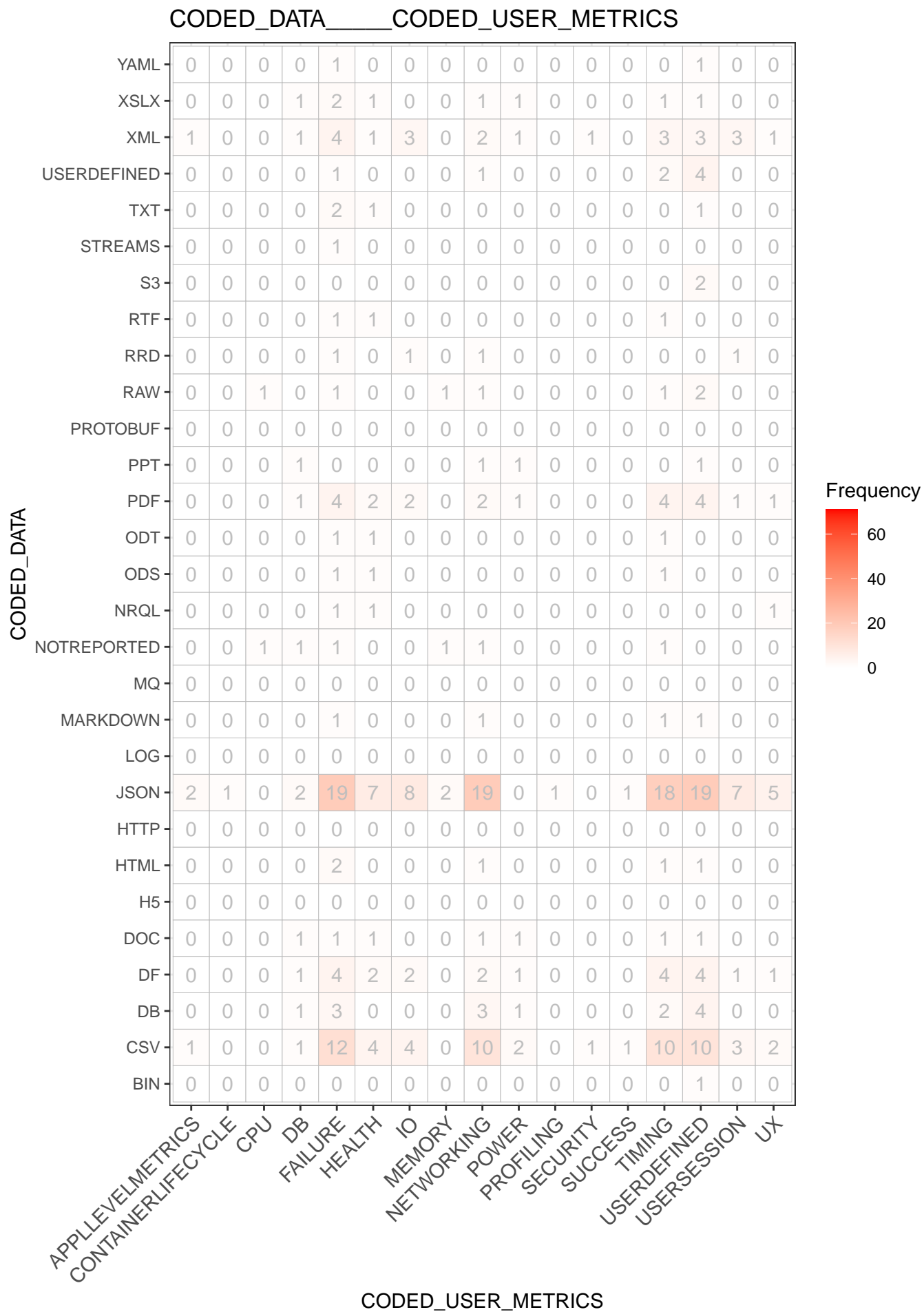




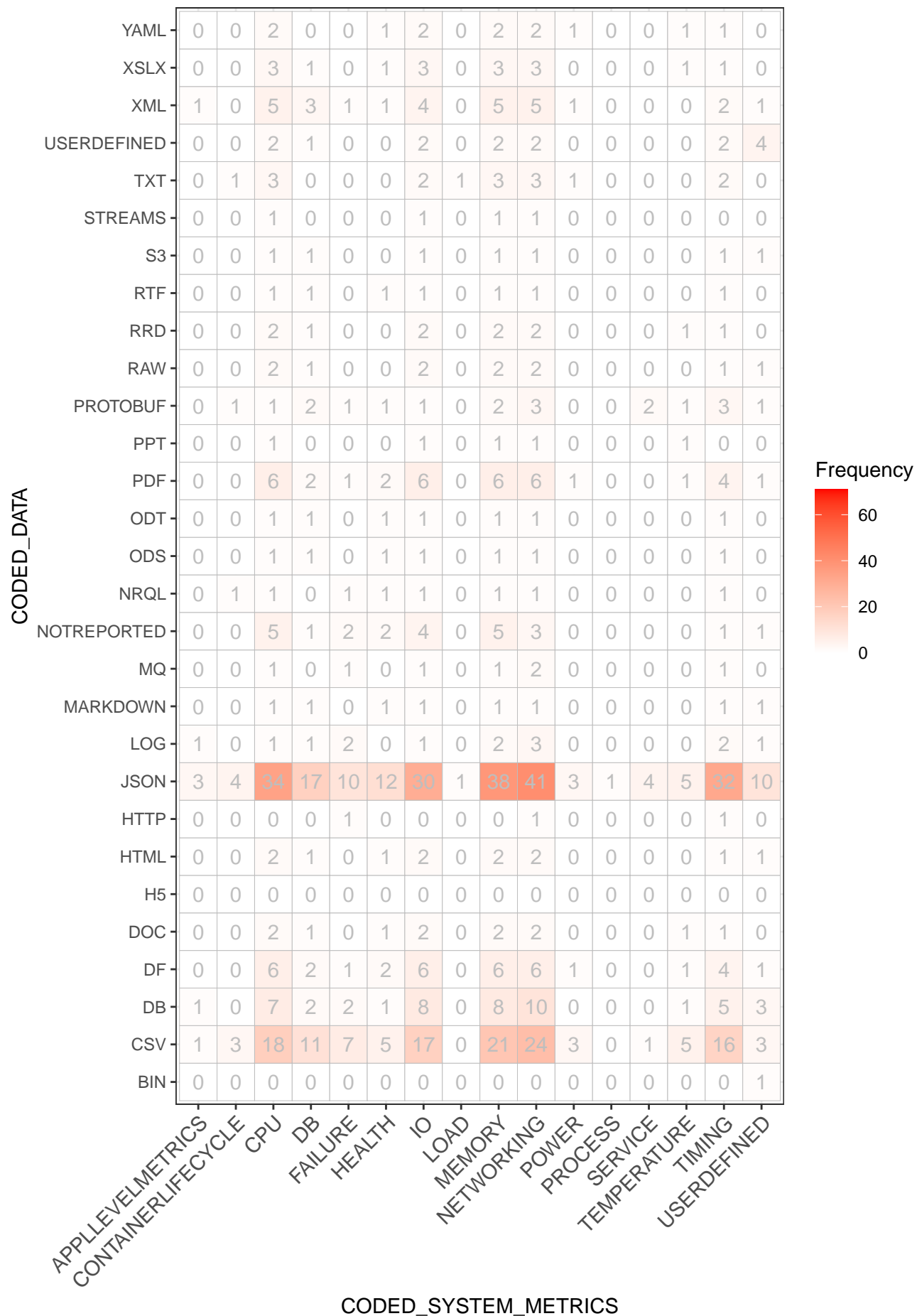
CODED_DATA_____CODED_INTEGRATION

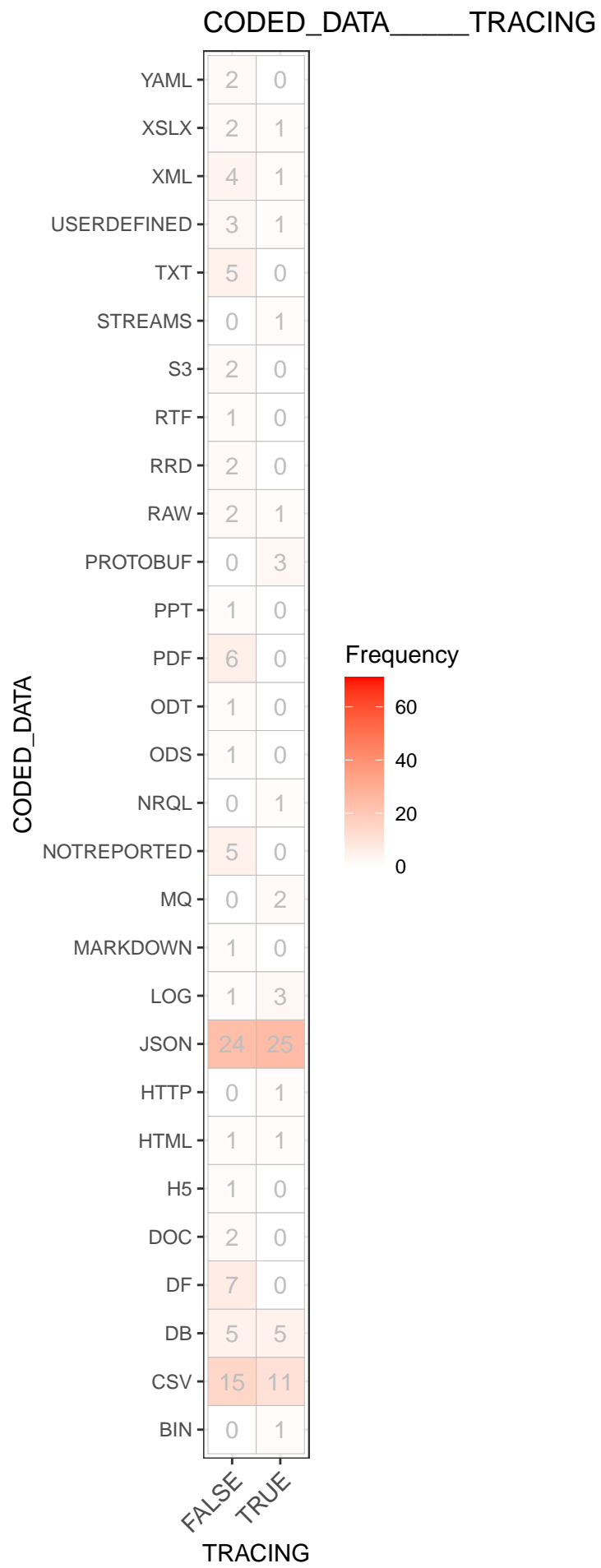


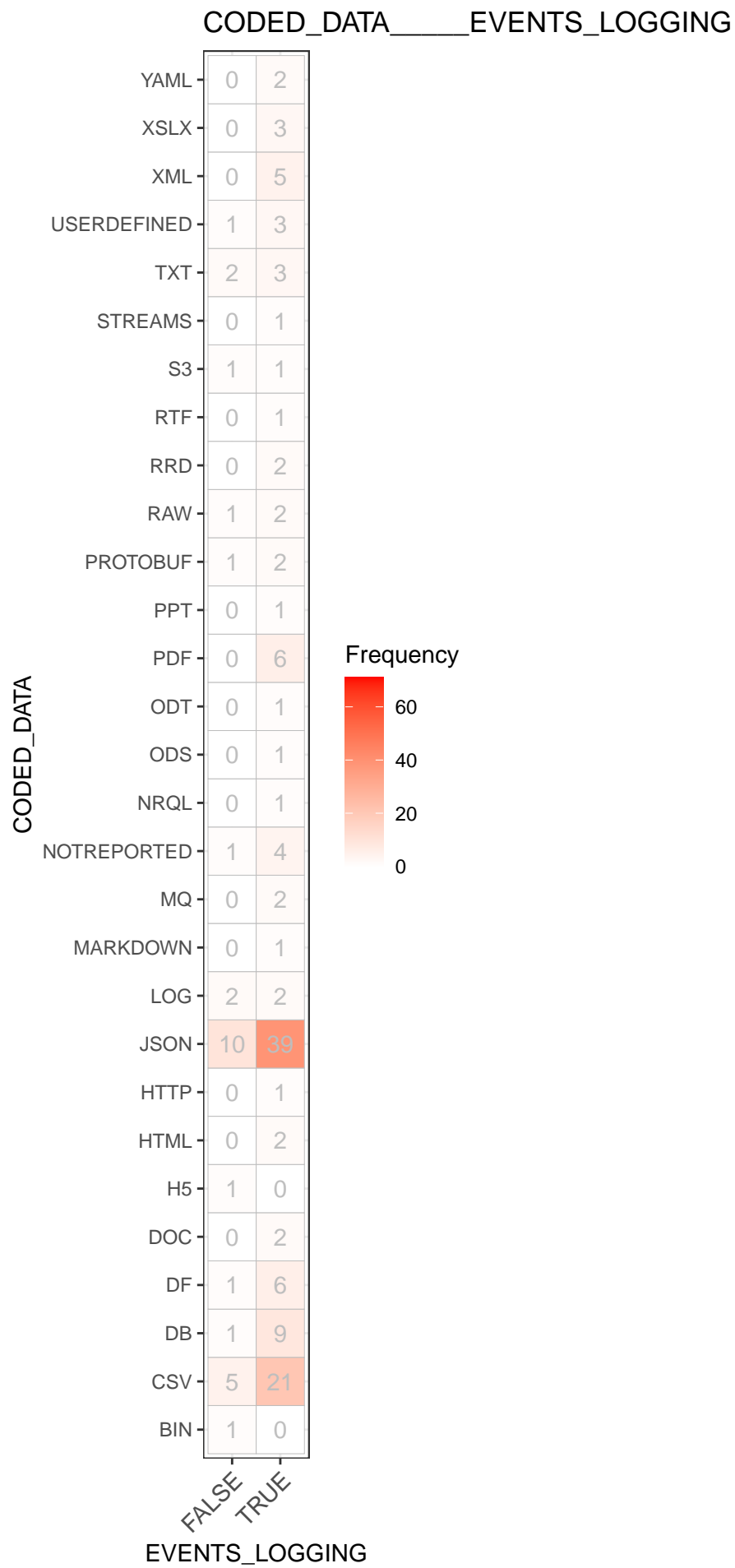


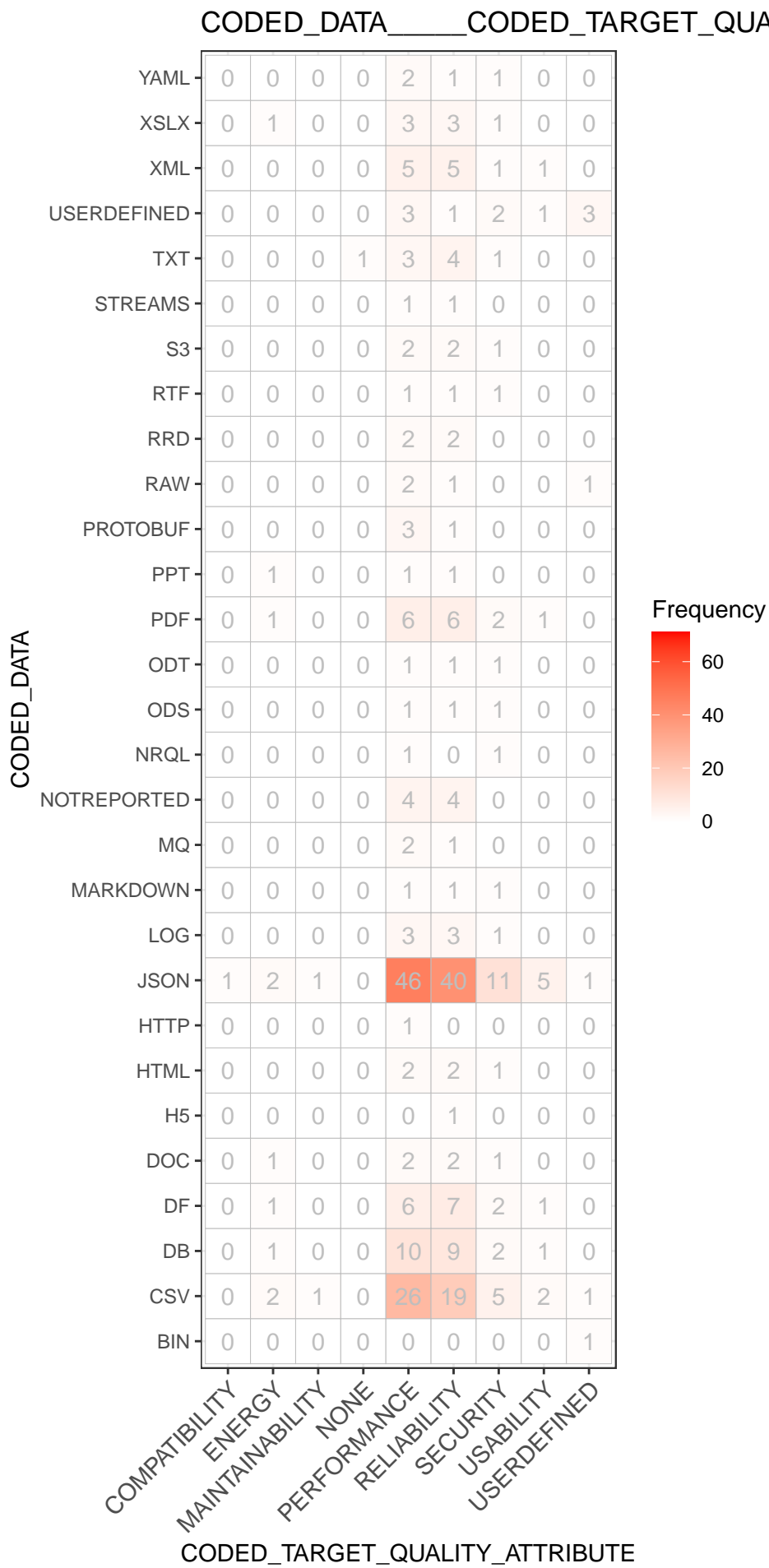


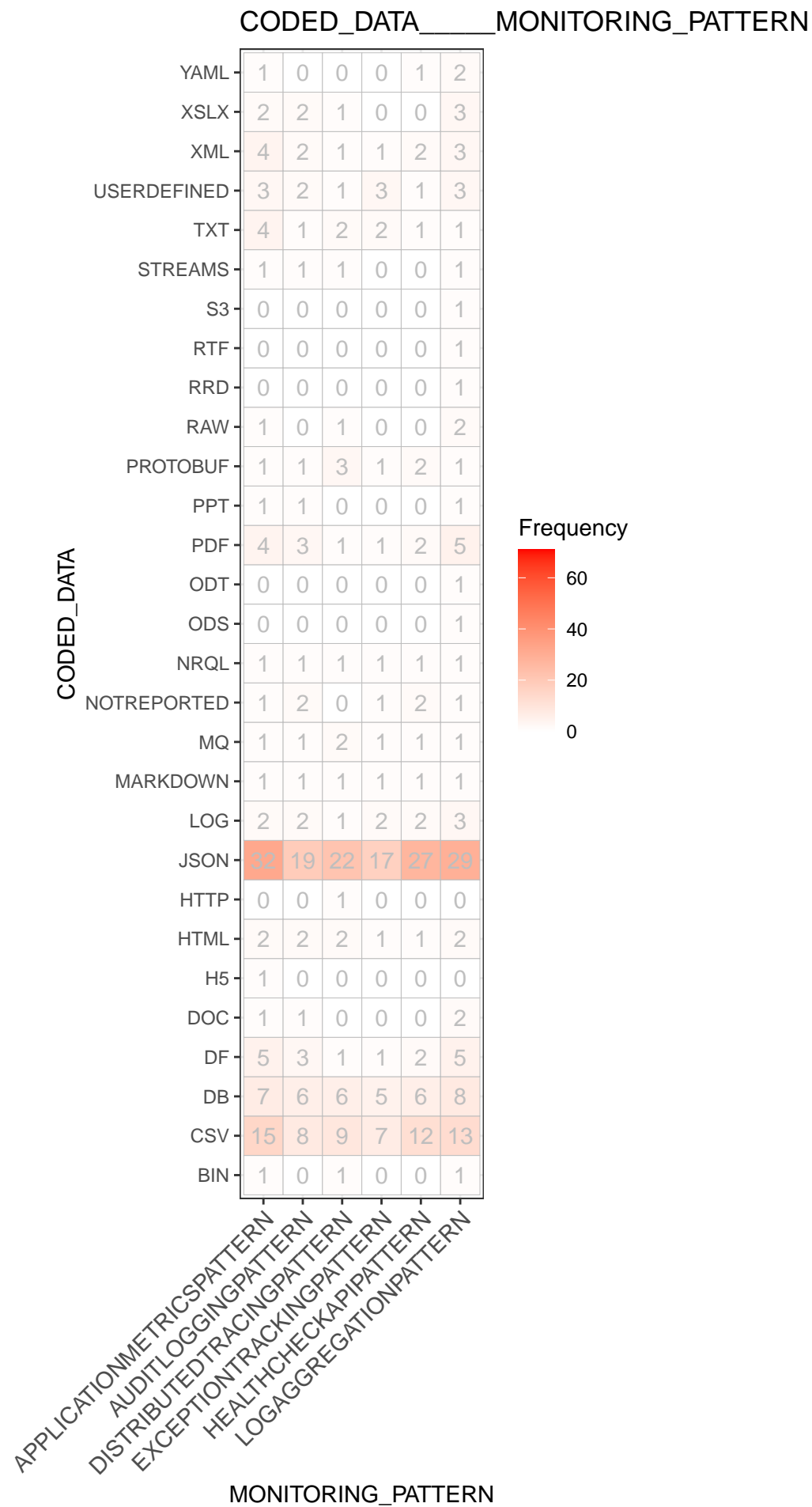
CODED_DATA_____CODED_SYSTEM_METRICS

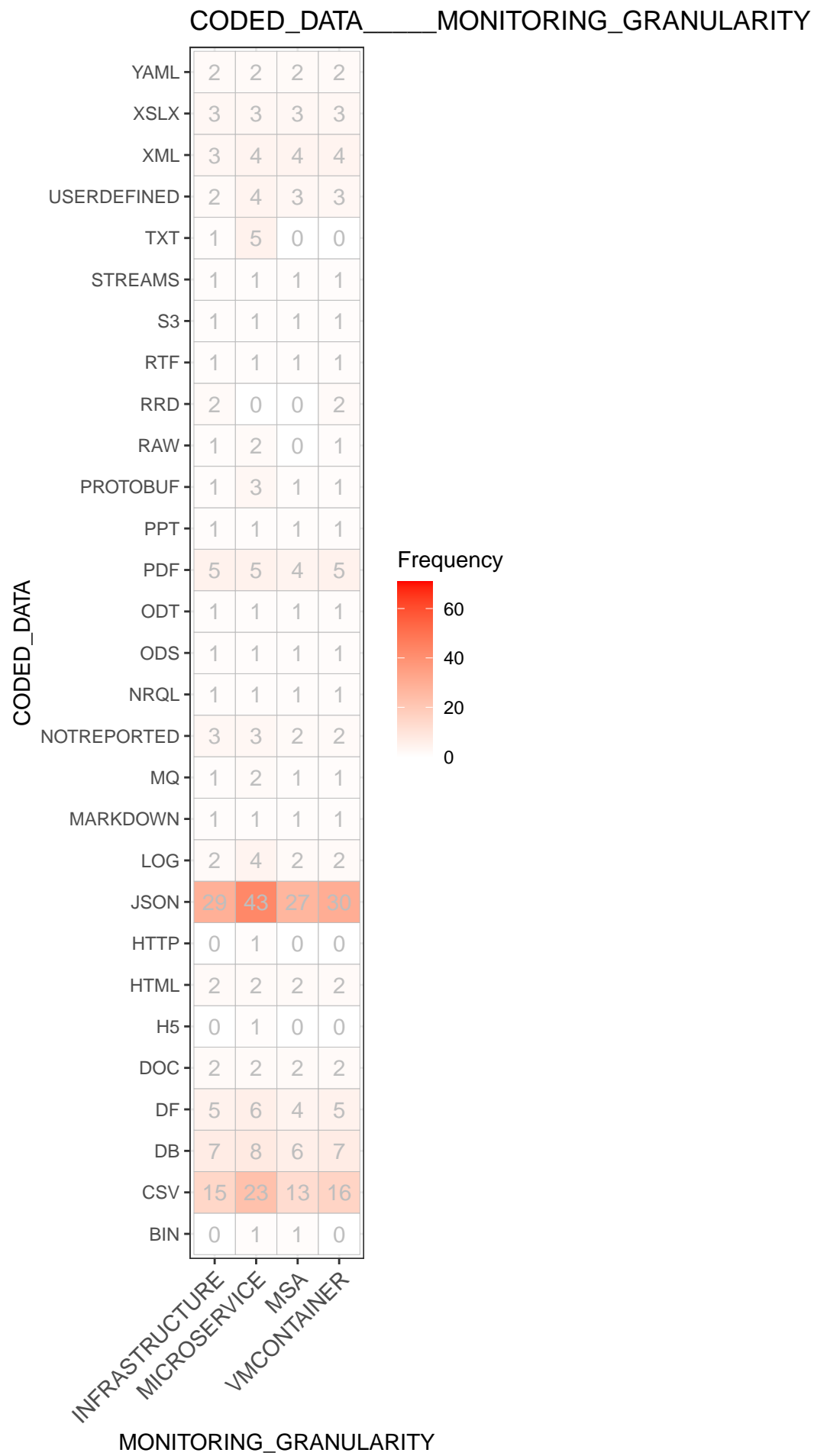




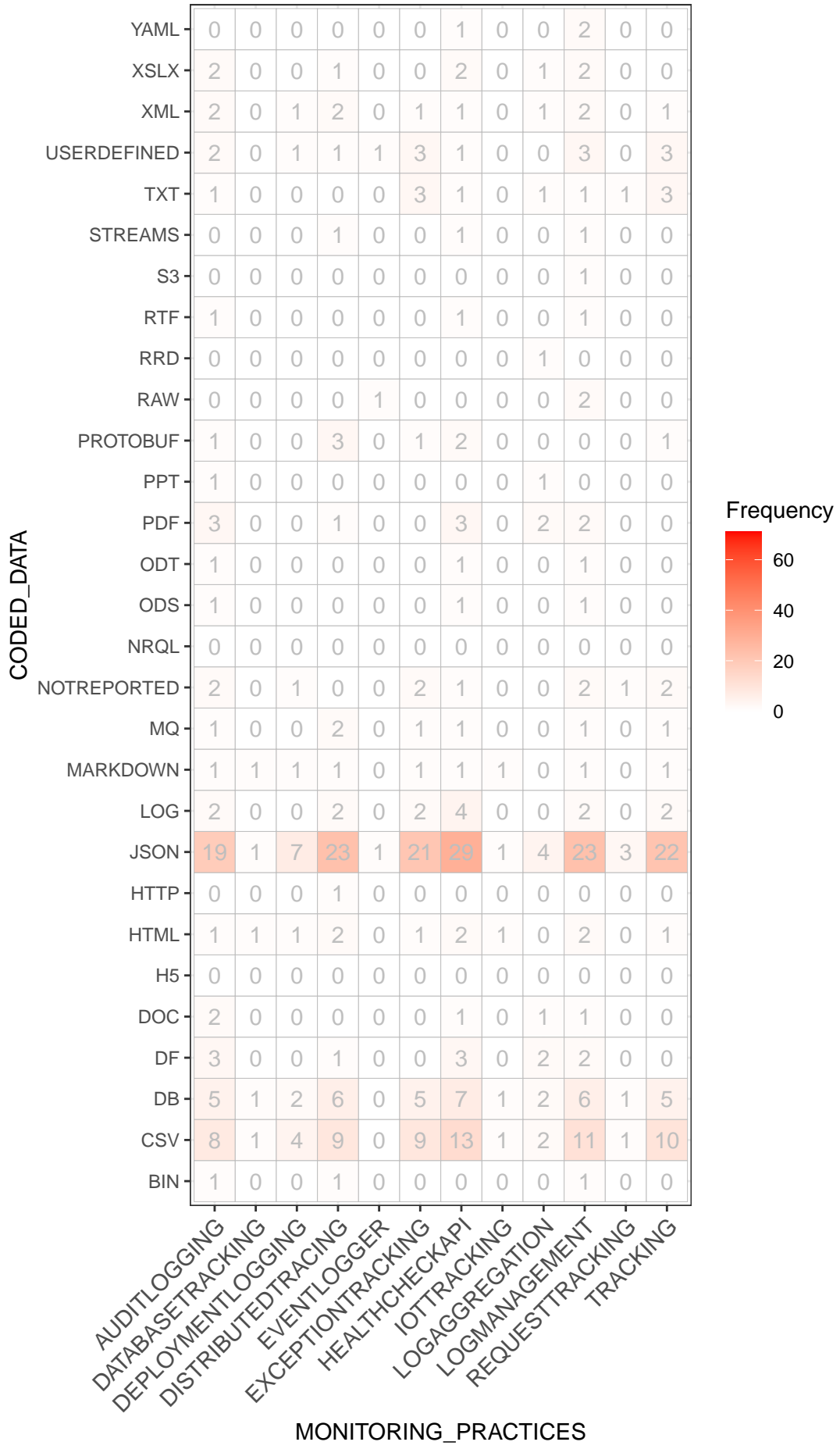


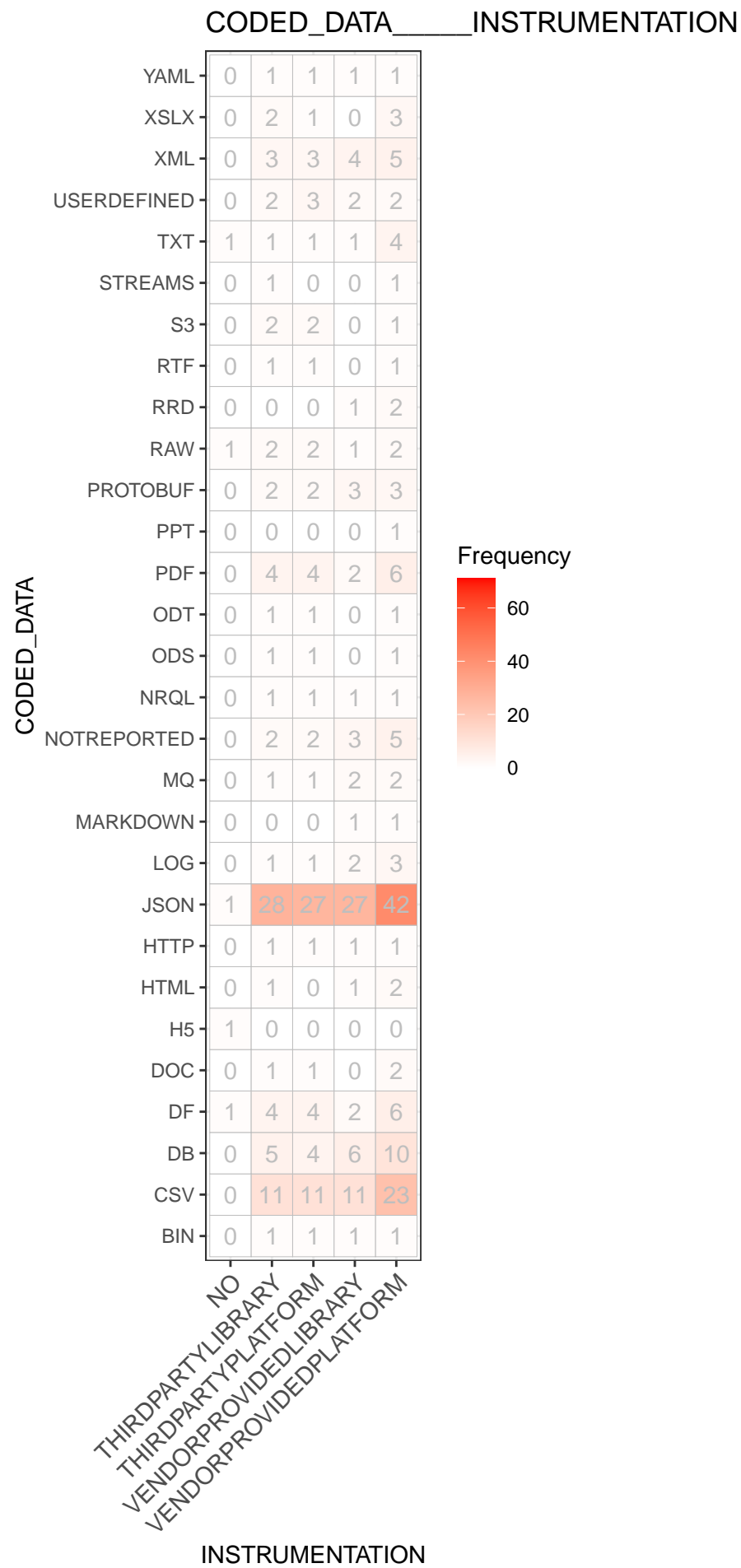


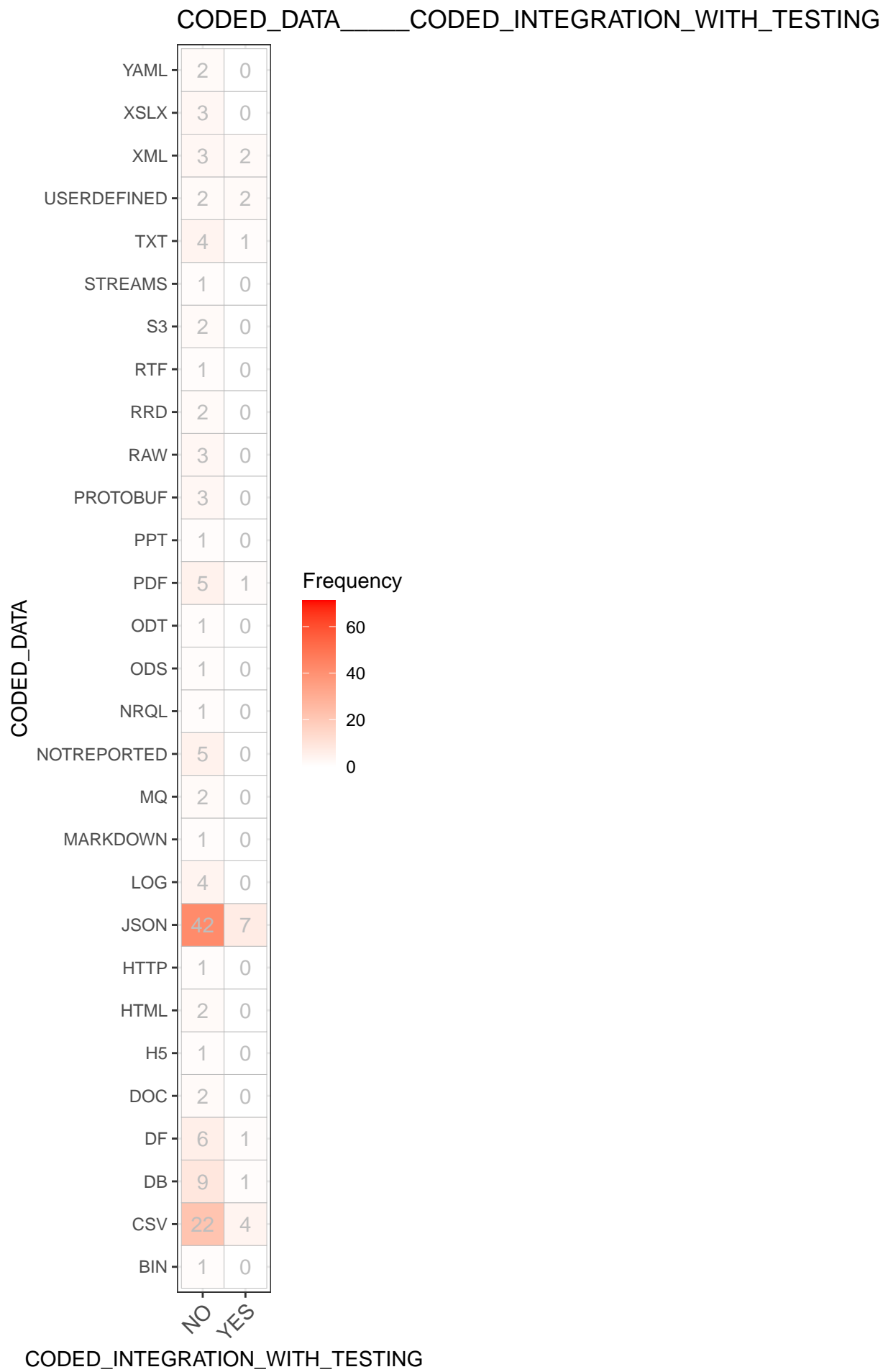


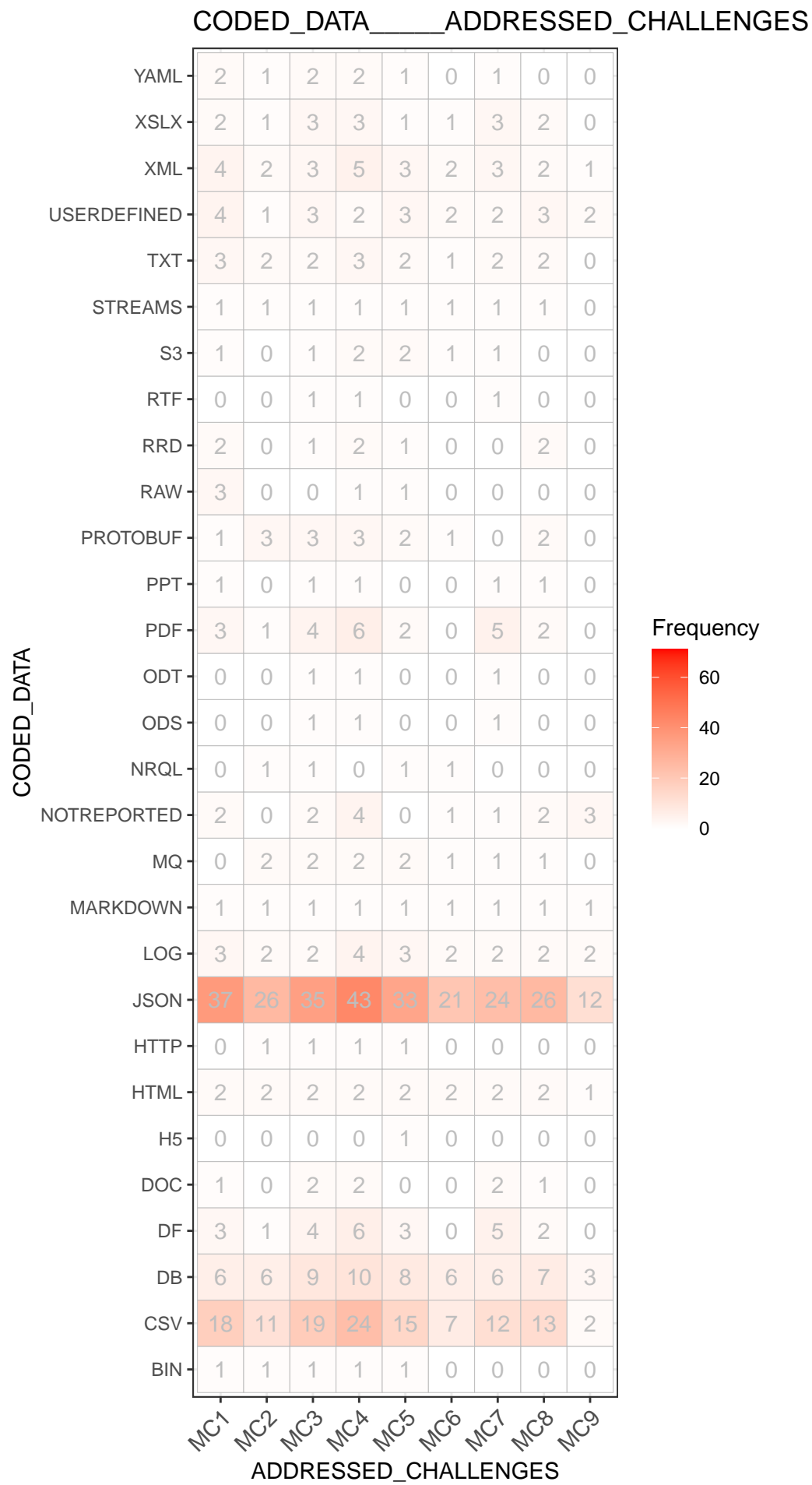


CODED_DATAMONITORING_PRACTICES









CODED_VISUALIZATION

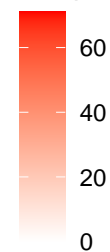
CODED_VISUALIZATIONCODED_TECHNOLOGIES

TABLES
DASHBOARDS
CHARTS

1	1	0	31	1	1	1	0	0	1	0	1	18	1	29	16	1	1	1	4	8	2	11	18	1	2	7	3	2	2	2	2	
1	1	0	27	1	1	1	0	0	1	0	1	17	0	24	13	1	0	1	3	7	2	10	18	1	2	7	1	2	1	1	2	2
1	1	1	33	1	1	1	1	0	1	1	1	20	1	32	17	1	1	1	4	10	3	12	21	1	3	9	2	2	2	1	3	2
AJAX	ANDROID	ANGULARJS	C	CC	CLOJURE	DJANGO	ELIXIR	ERLANG	ESCALA	EXTJS	FLASHK	GO	GOLANG	JAVA	JAVASCRIPT	LARAVEL	LUA	NAGIOS	NET	NODEJS	PERL	PHP	PYTHON	RAILS	REACT	RUBY	RUST	SCALA	SHELL	SWIFT	TYPESCRIPT	XML

CODED_TECHNOLOGIES

Frequency



CODED_VISUALIZATION

CODED_VISUALIZATION_____CODED_INTEGRATION

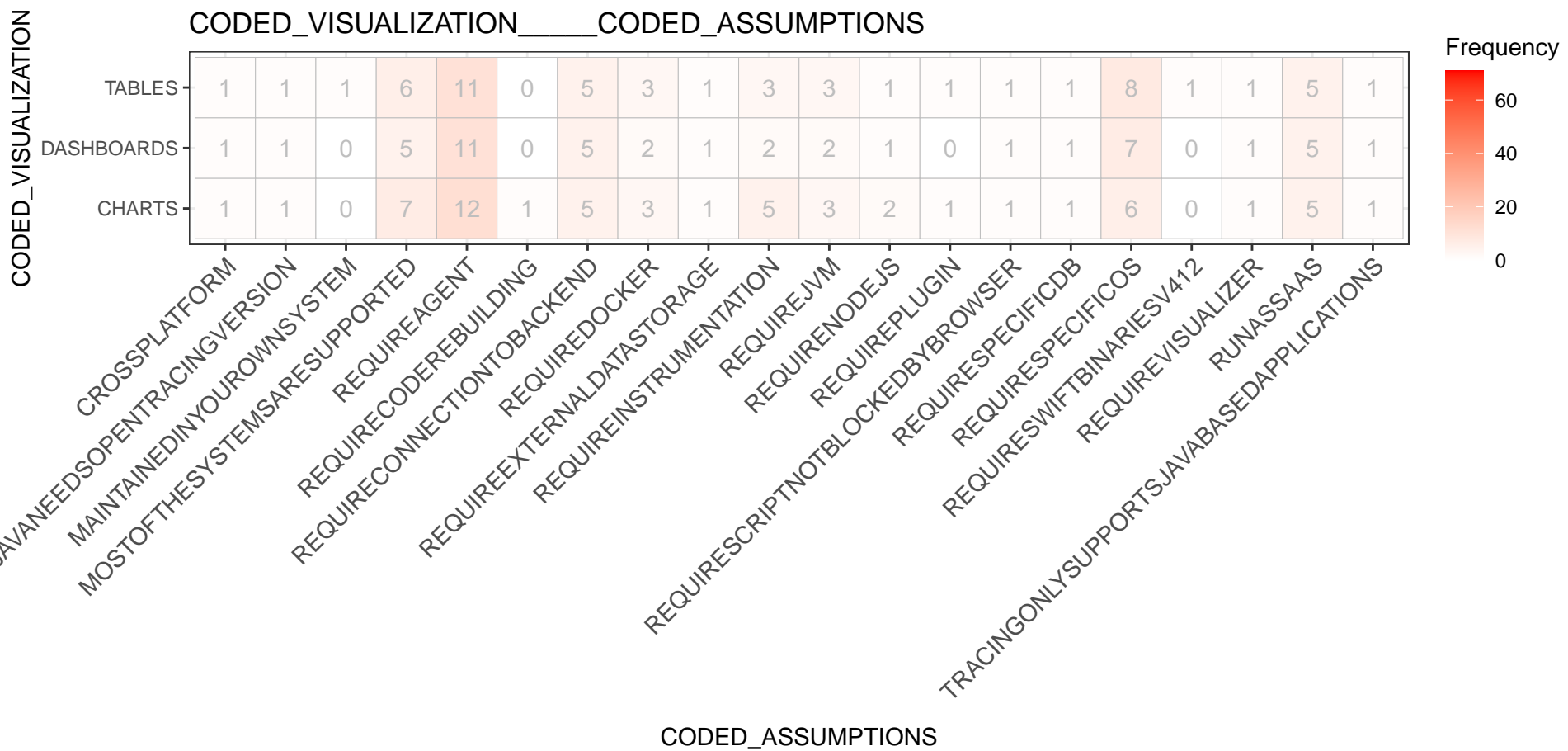
TABLES
DASHBOARDS
CHARTS

3	9	1	1	19	6	1	1	15	15	6	3	8	8	5	1	4	1	0	1	7	21
3	10	0	1	18	5	1	0	16	16	7	3	8	9	4	1	4	1	0	1	7	23
3	12	1	1	19	6	1	0	17	18	6	3	9	9	6	1	3	1	0	1	9	22
AGENTS	ALERTINGEVENTMANAGEMENT	APPLICATIONSERVERS	AUTHENTICATION	COLLECTING	CONFIGURATIONMANAGEMENT	CONFIGURATIONMANAGEMENTSYSTEM	CONFIGURATIONMANAGMENT	DATAANALYTICS	DB	INCIDENTMANAGEMENT	INCIDENTMANAGEMENTTOOLS	LOGANALYTICS	MESSAGING	NETWORKPERFORMANCEMONITORING	PLUGINS	REPORTING	SECURITY	TESTINGPLATFORM	VIRTUALIZATION	VISUALIZATION	

CODED_INTEGRATION

Frequency





CODED_VISUALIZATION

CODED_VISUALIZATION_____CODED_USER_METRICS

TABLES

DASHBOARDS

CHARTS

APPLLEVELMETRICS
CONTAINERLIFECYCLE
CPU

DB
FAILURE
HEALTH

IO
MEMORY
NETWORKING

POWER
PROFILING
SECURITY

SUCCESS
TIMING
USERDEFINED

USERSESSION
UX

CODED_USER_METRICS

Frequency



3	1	1	4	23	8	8	3	20	2	1	1	1	21	22	7	8
3	1	1	3	21	8	7	3	19	2	1	1	1	20	22	6	8
3	1	1	4	23	10	8	3	21	2	1	1	1	23	22	7	8

CODED_VISUALIZATION

CODED_VISUALIZATION_____CODED_SYSTEM_METRICS

TABLES

DASHBOARDS

CHARTS

APPLLEVELMETRICS
CONTAINERLIFECYCLE

CPU

DB

FAILURE

HEALTH

IO

LOAD

MEMORY

NETWORKING

POWER

PROCESS

SERVICE

TEMPERATURE

TIMING

USERDEFINED

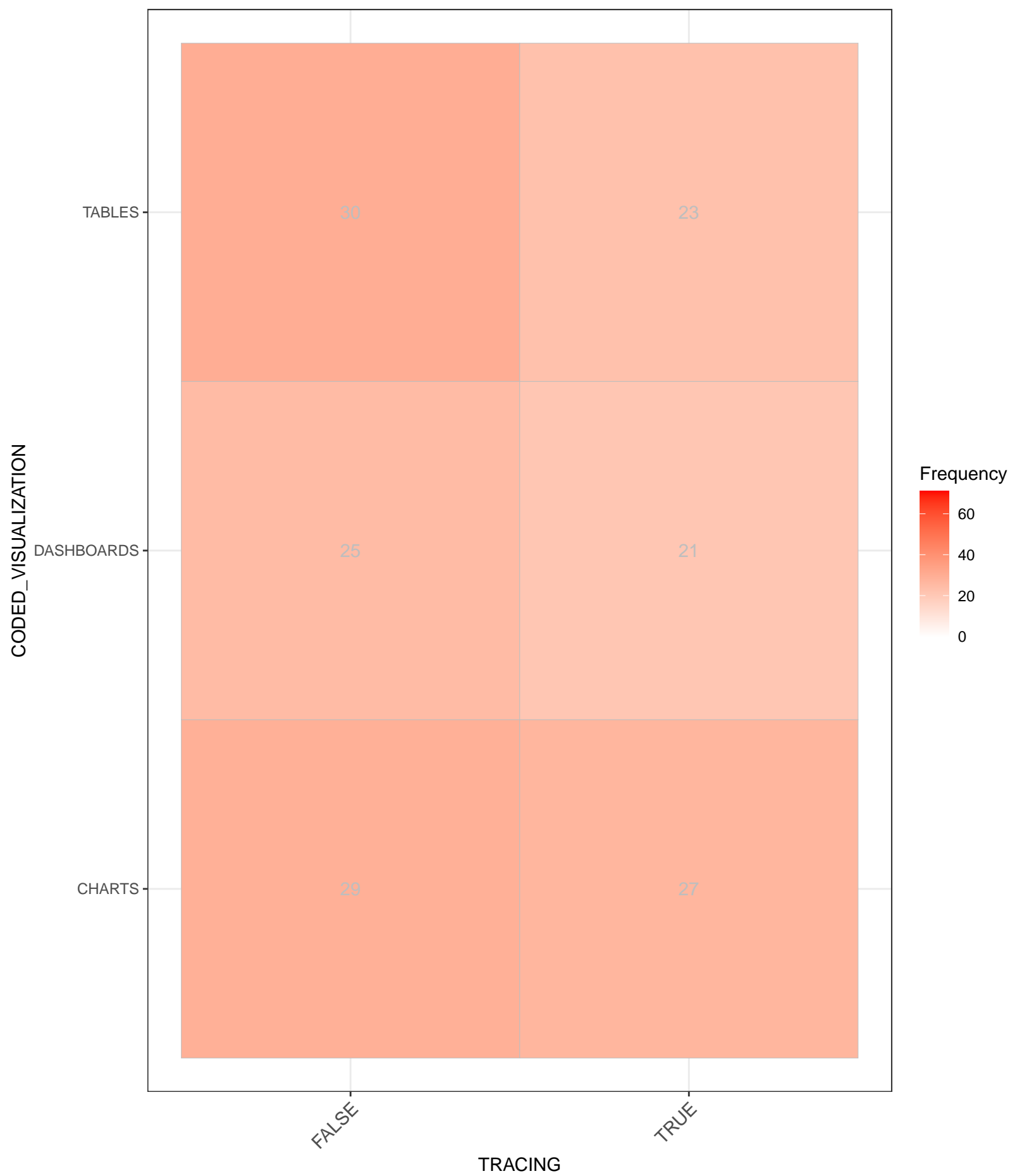
CODED_SYSTEM_METRICS

Frequency

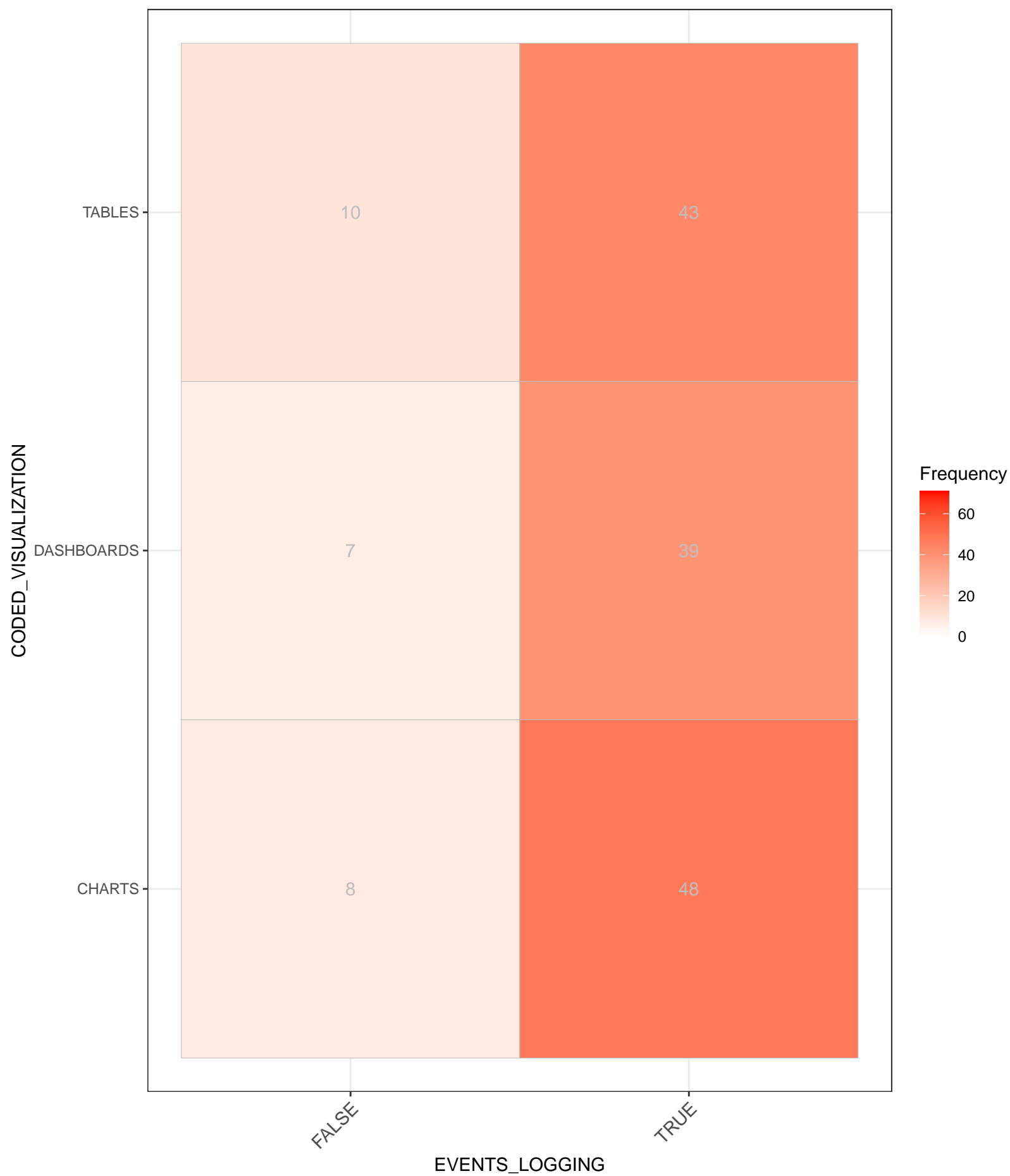


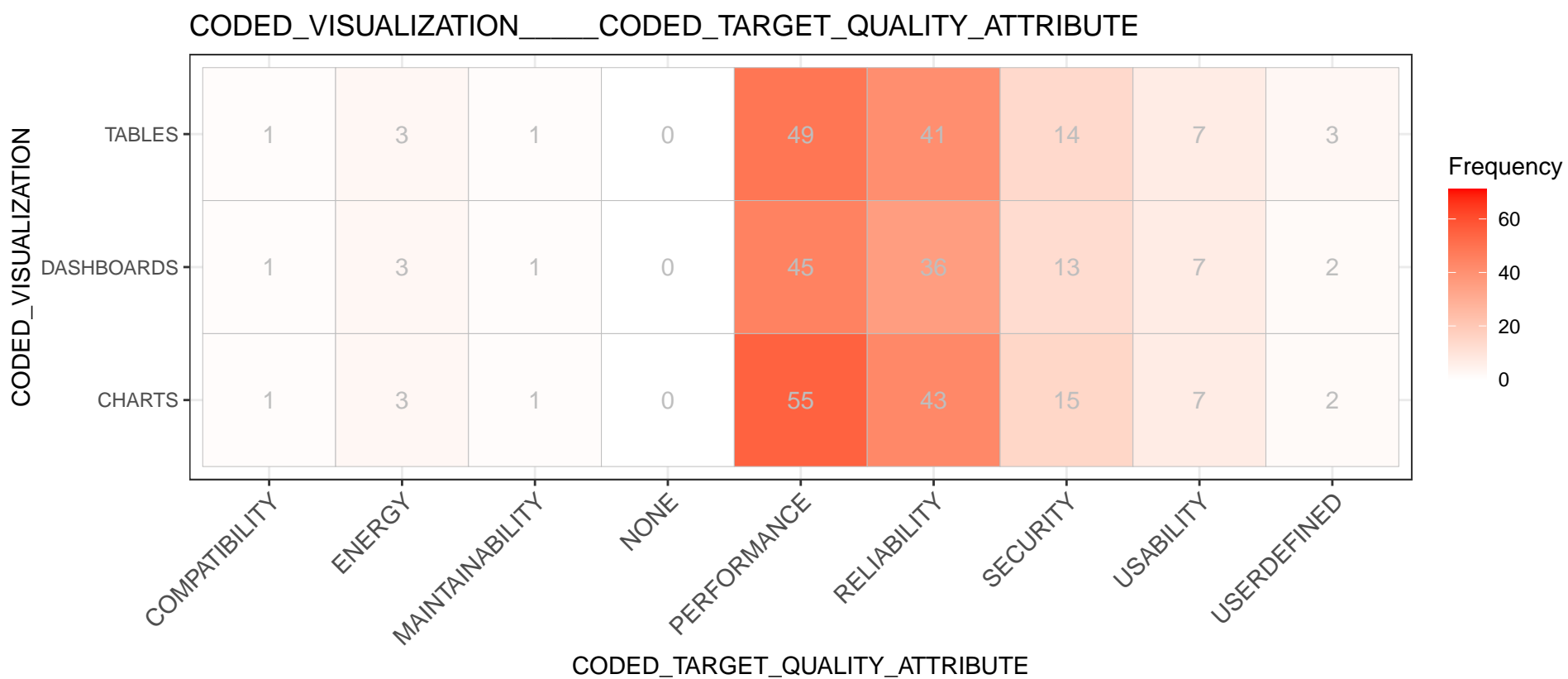
4	3	42	16	12	14	36	1	44	45	4	1	2	4	32	15
3	2	36	13	10	12	36	1	39	40	3	1	2	4	27	12
4	4	42	19	14	13	39	1	46	50	3	1	3	5	35	13

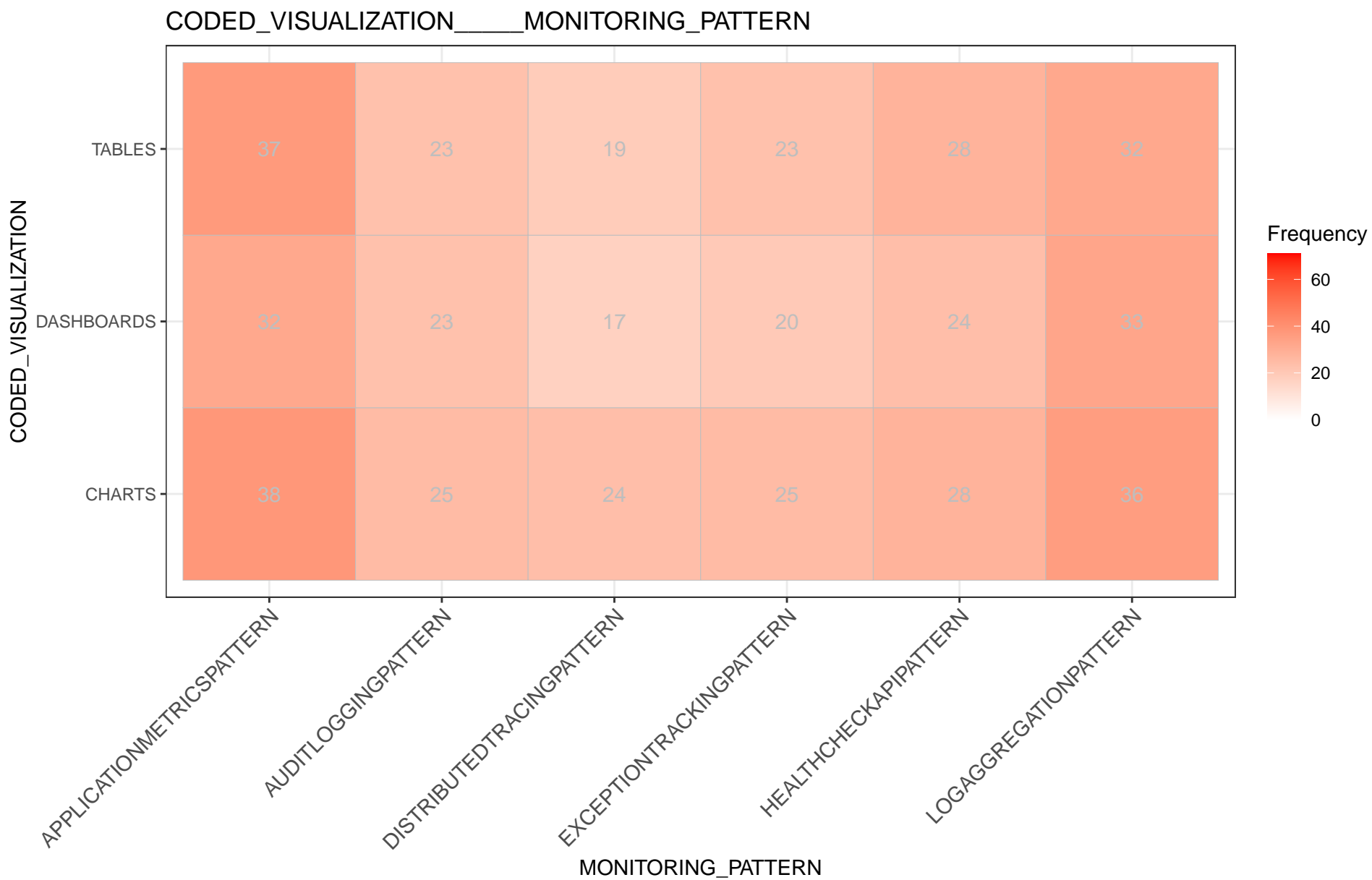
CODED_VISUALIZATION_____TRACING

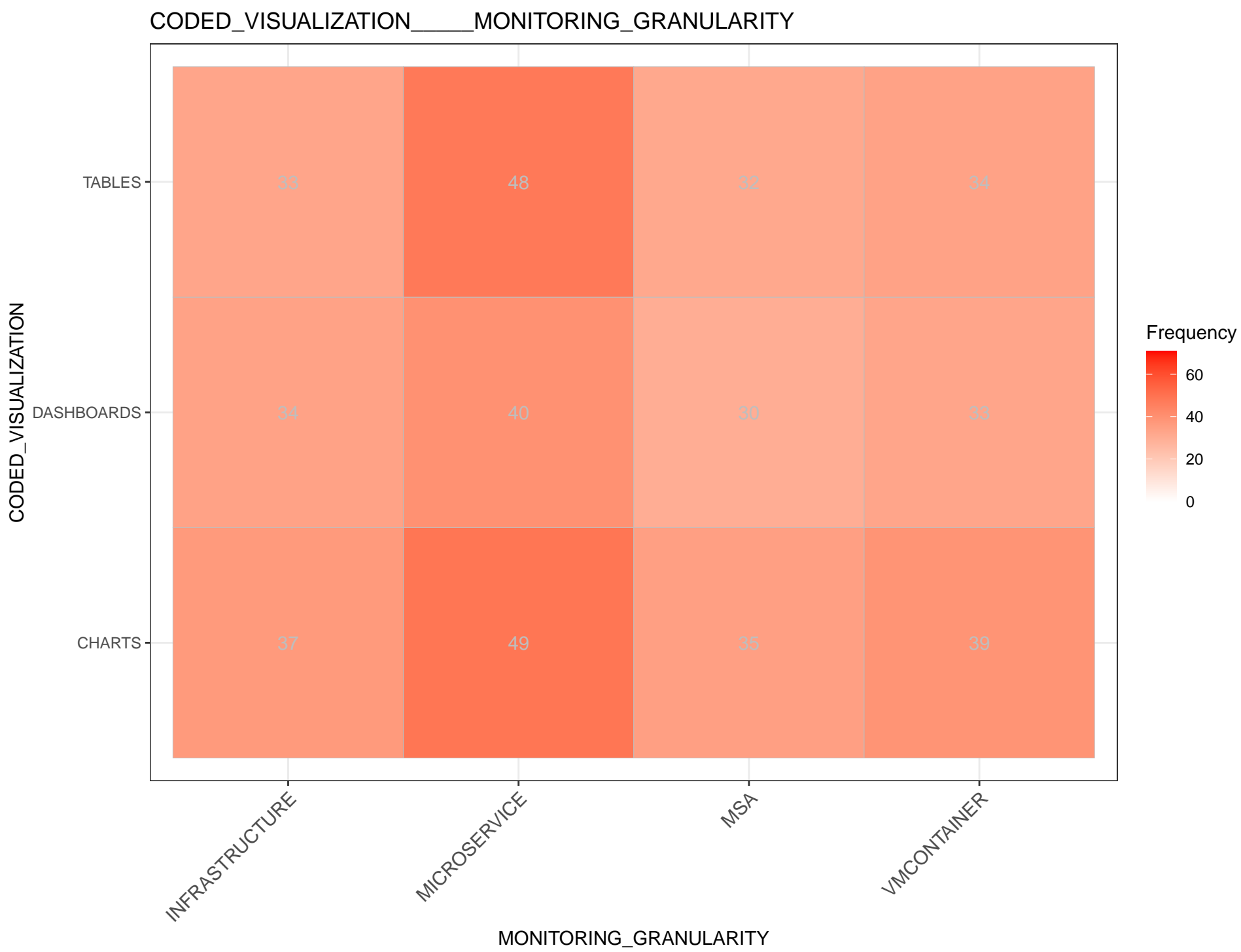


CODED_VISUALIZATION_____EVENTS_LOGGING



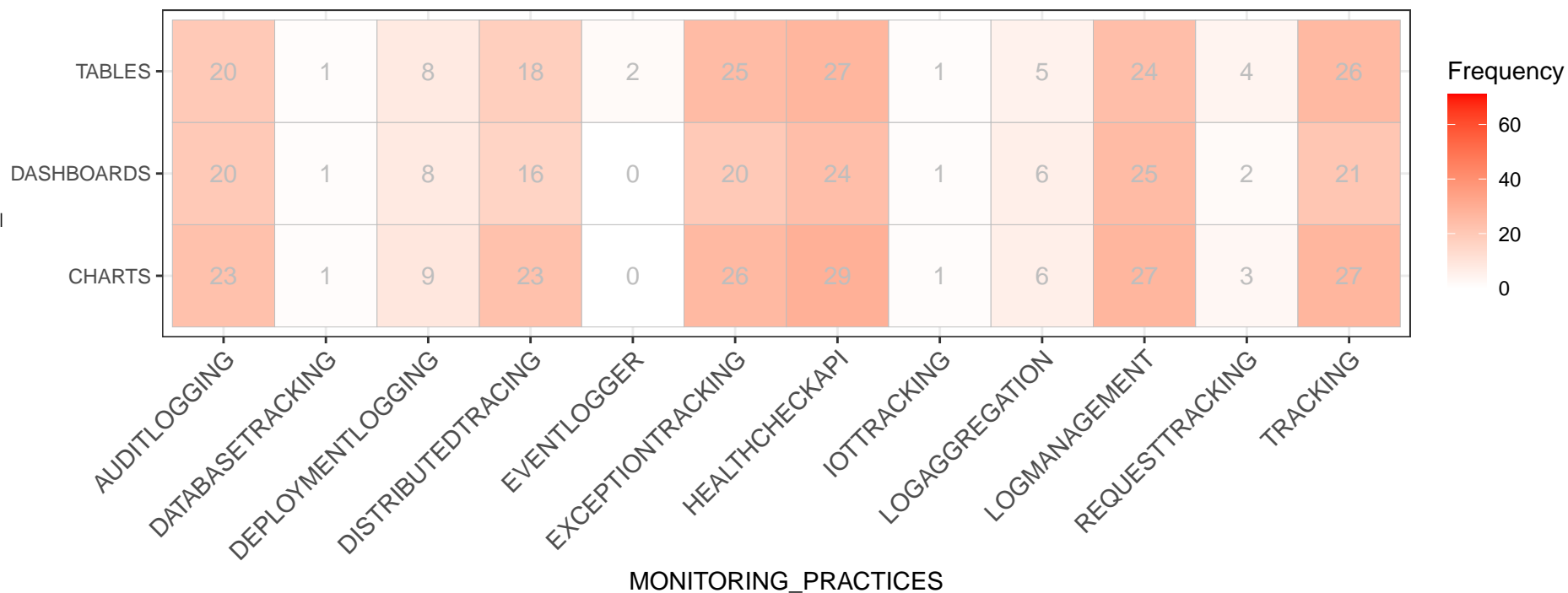


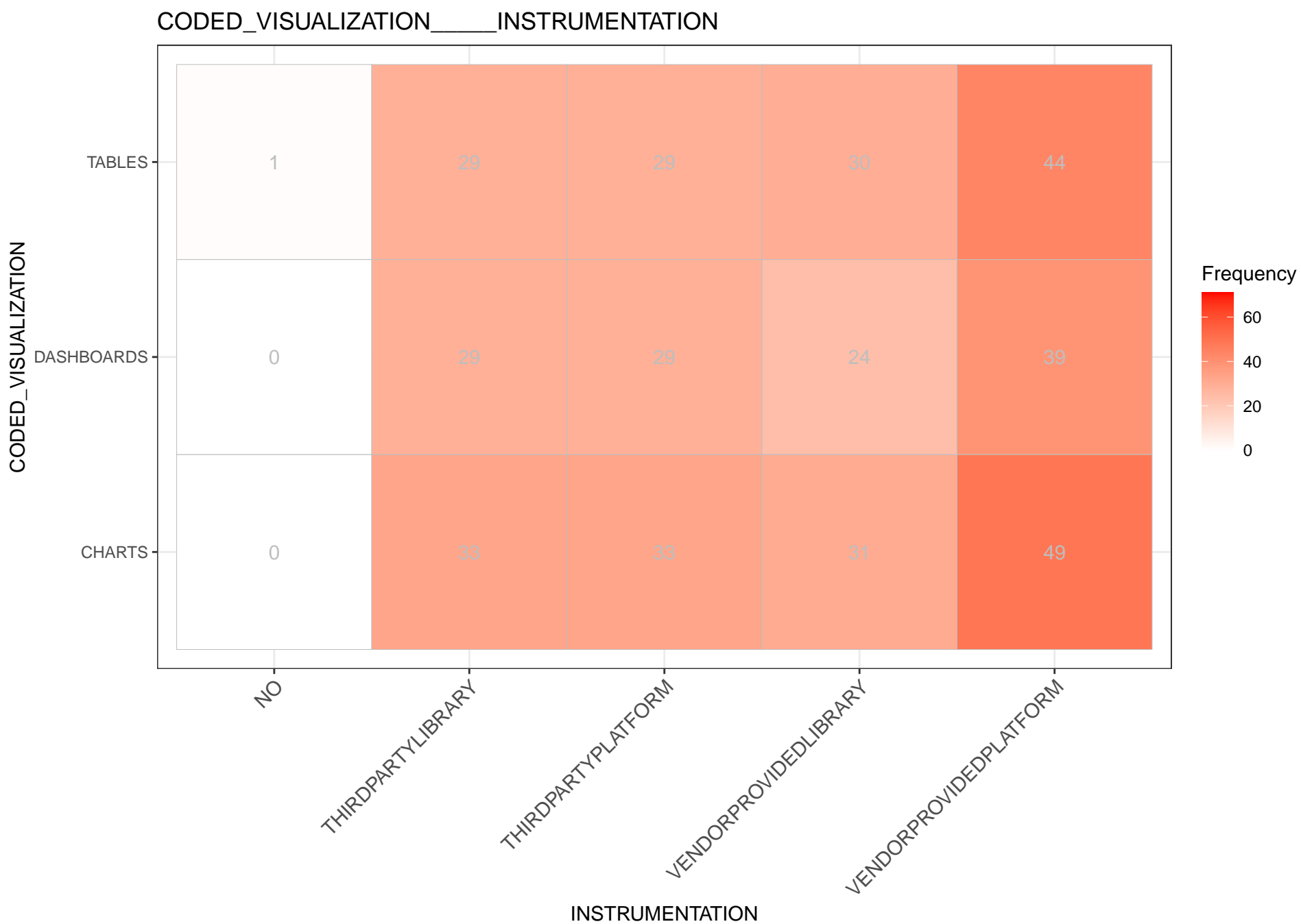




CODED_VISUALIZATION

CODED_VISUALIZATION____MONITORING_PRACTICES





CODED_VISUALIZATION_____CODED_INTEGRATION_WITH_TESTING

CODED_VISUALIZATION

TABLES

43

10

DASHBOARDS

38

8

CHARTS

47

9

NO

YES

CODED_INTEGRATION_WITH_TESTING

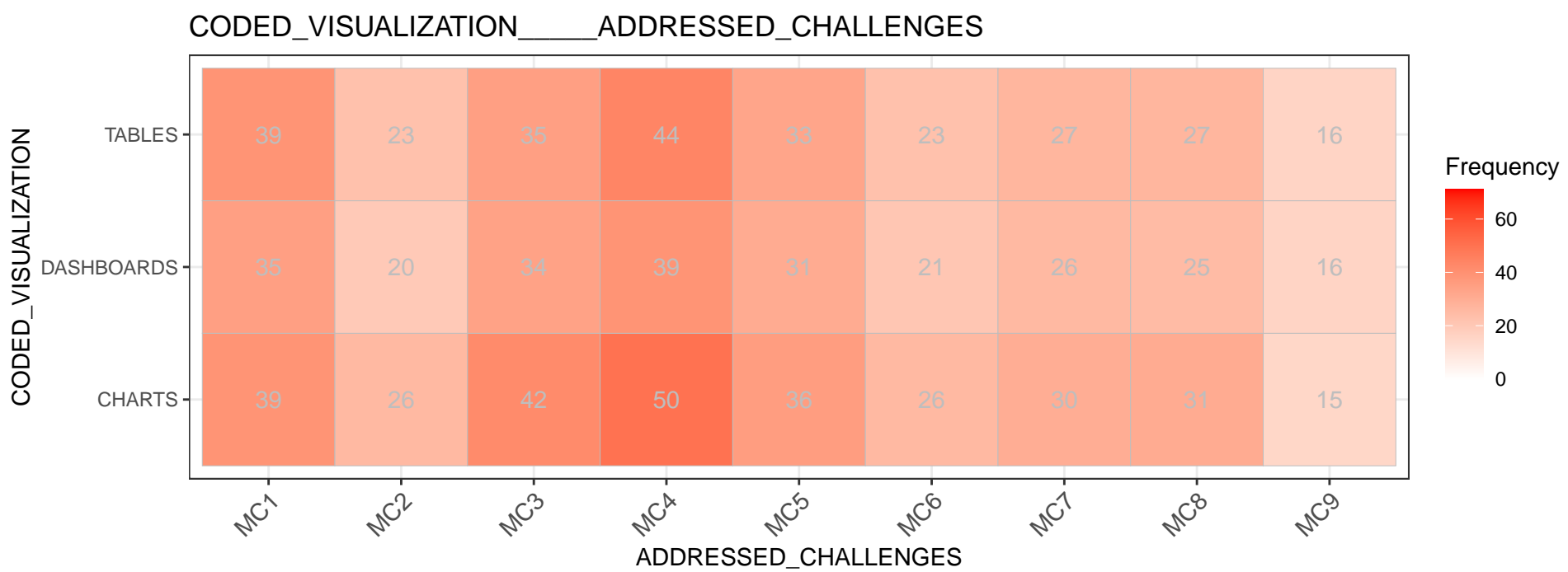
Frequency

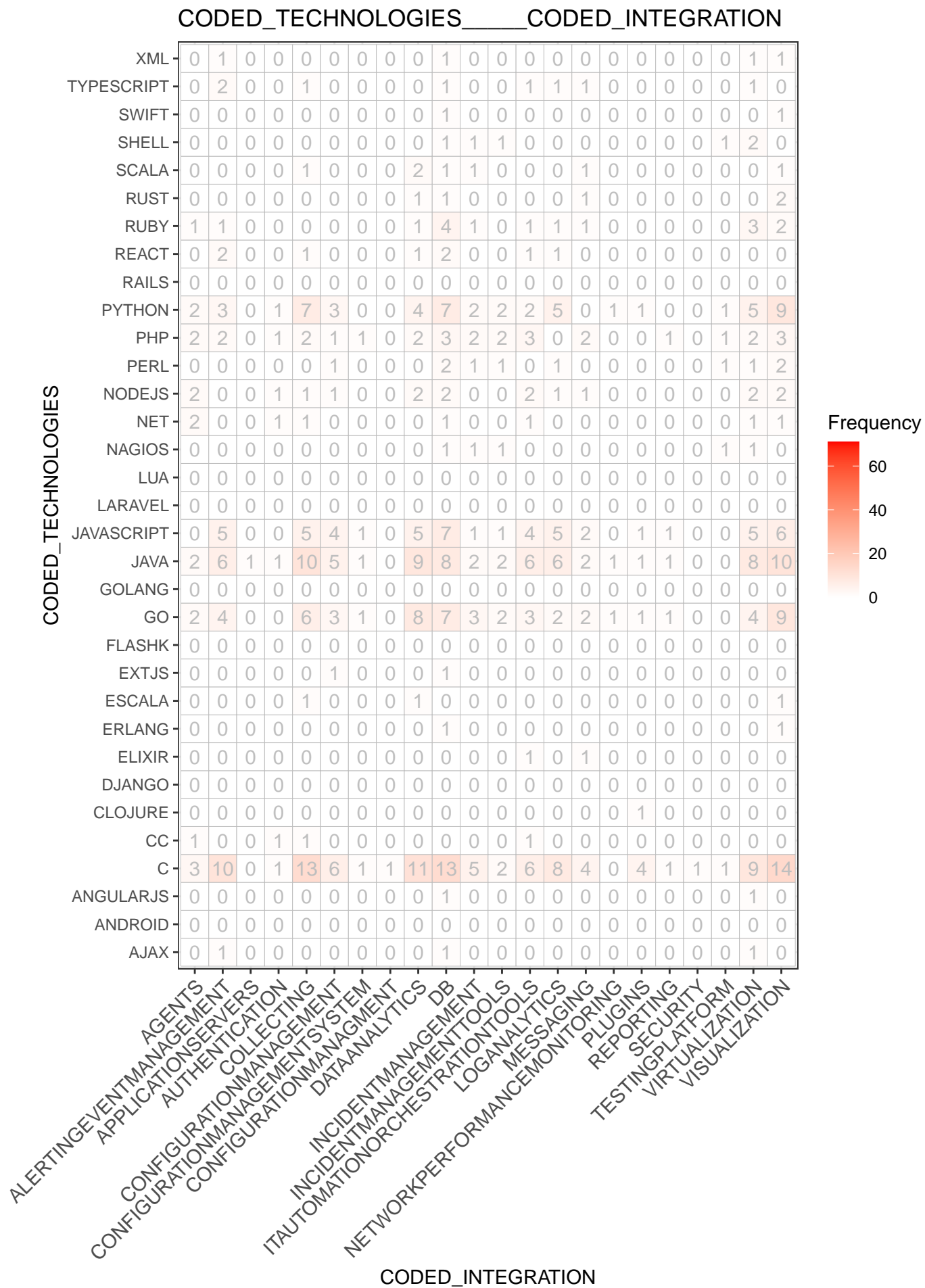
60

40

20

0



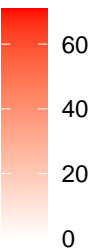


CODED_TECHNOLOGIESCODED_ASSUMPTIONS

CODED_TECHNOLOGIES

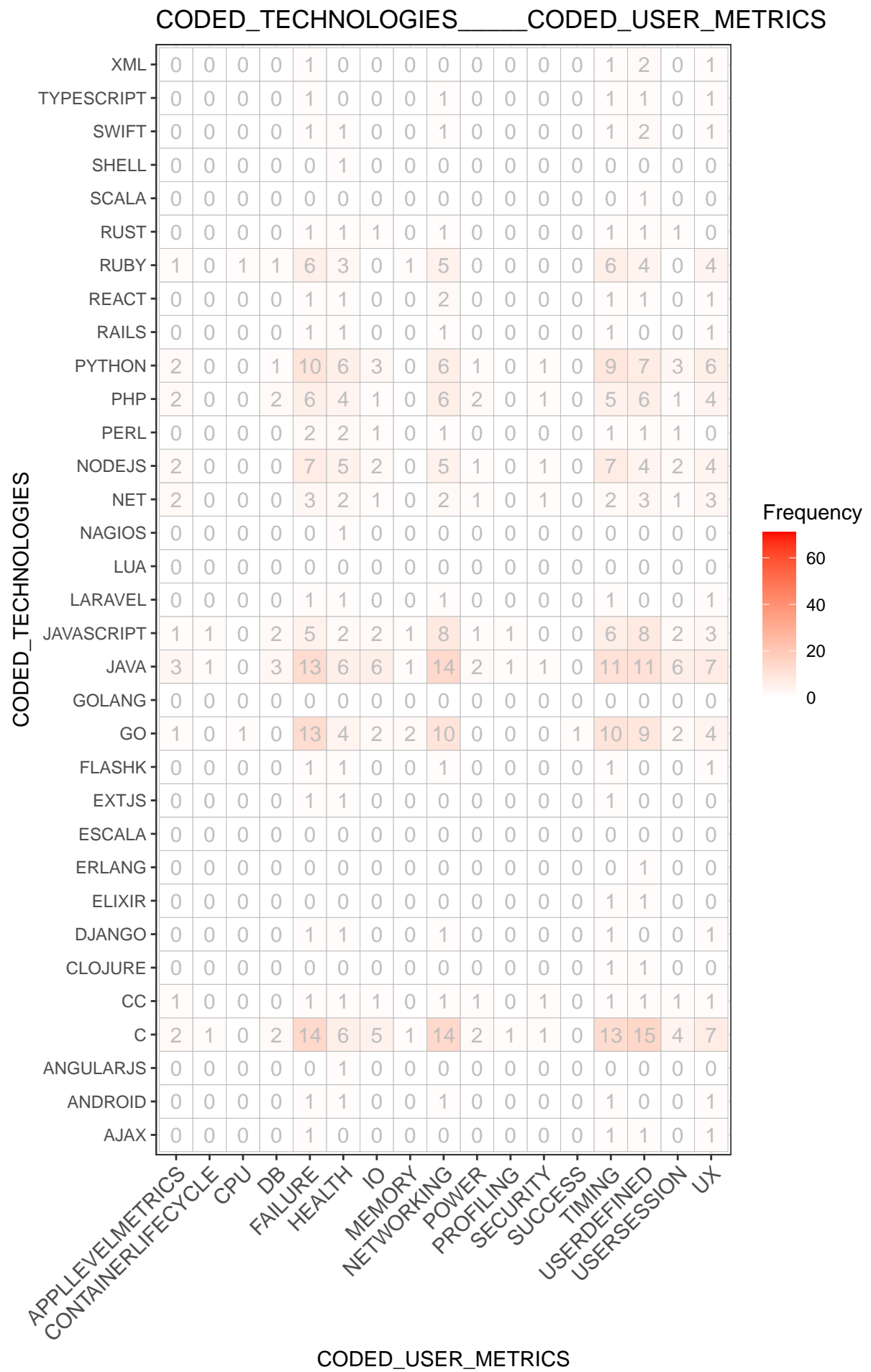
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TYPESCRIPT	0	0	0	0	1	1	1	0	0	1	0	1	0	0	0	0	0	0
SWIFT	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	0
SHELL	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
SCALA	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
RUST	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0
RUBY	0	0	0	2	3	0	3	0	0	3	0	0	0	0	0	2	0	0
REACT	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
RAILS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYTHON	0	0	0	4	7	0	2	0	0	3	0	0	0	0	0	4	0	0
PHP	0	0	0	3	5	0	2	0	0	2	0	0	0	0	1	1	0	0
PERL	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
NODEJS	0	0	0	2	3	0	2	0	0	1	0	0	0	0	0	3	0	0
NET	0	0	0	1	2	0	1	0	0	2	0	0	0	0	0	1	0	0
NAGIOS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LUA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LARAVEL	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JAVASCRIPT	0	0	0	5	2	0	2	2	0	2	0	1	0	1	1	2	0	0
JAVA	0	1	0	5	9	0	4	4	0	6	2	1	1	1	1	5	0	0
GOLANG	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GO	1	0	0	4	7	0	4	2	0	4	0	0	0	0	0	4	0	0
FLASHK	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTJS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESCALA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
ERLANG	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ELIXIR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DJANGO	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOJURE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CC	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
C	0	0	0	5	6	1	3	2	1	3	1	2	0	1	1	7	0	1
ANGULARJS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDROID	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AJAX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

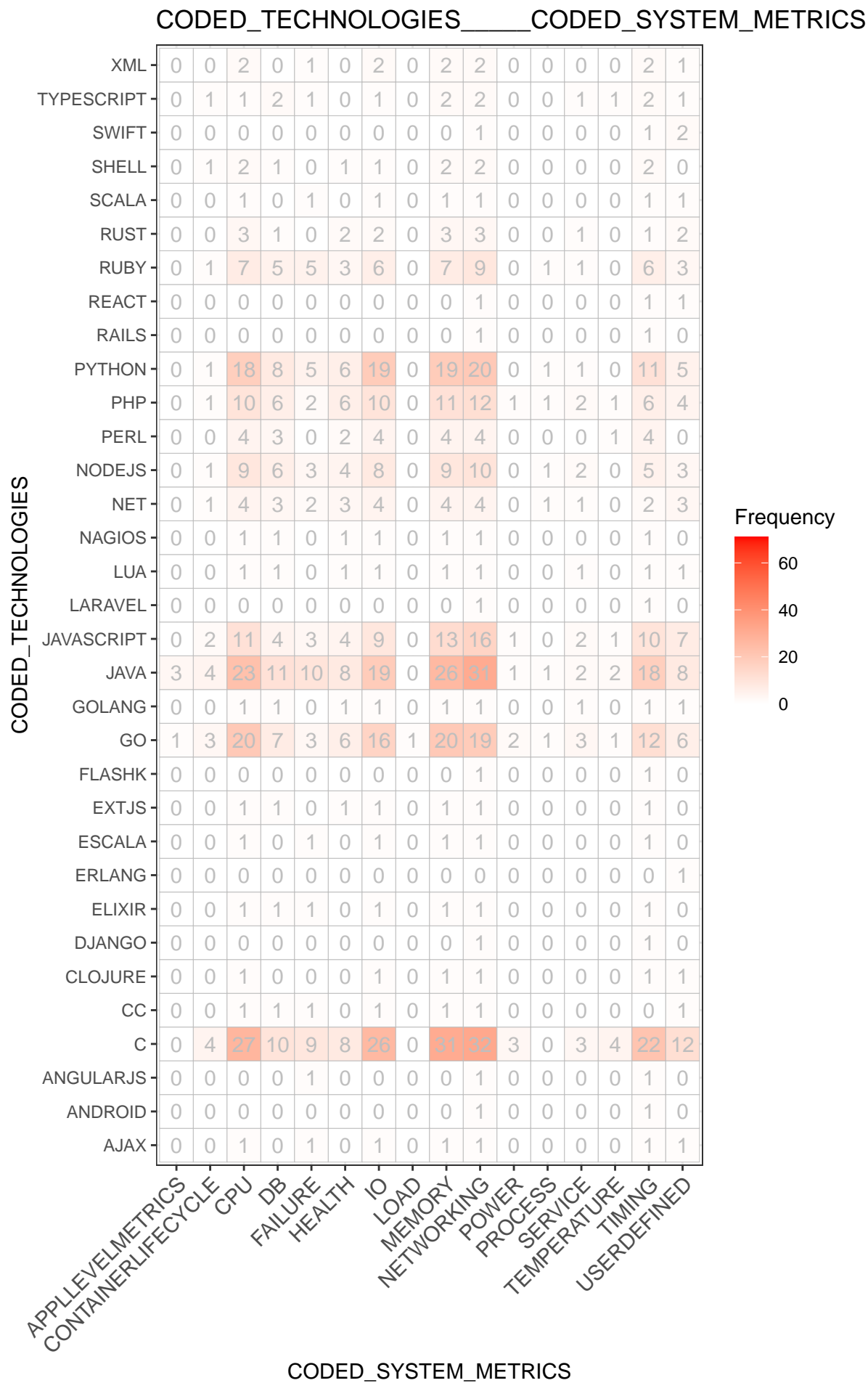
Frequency



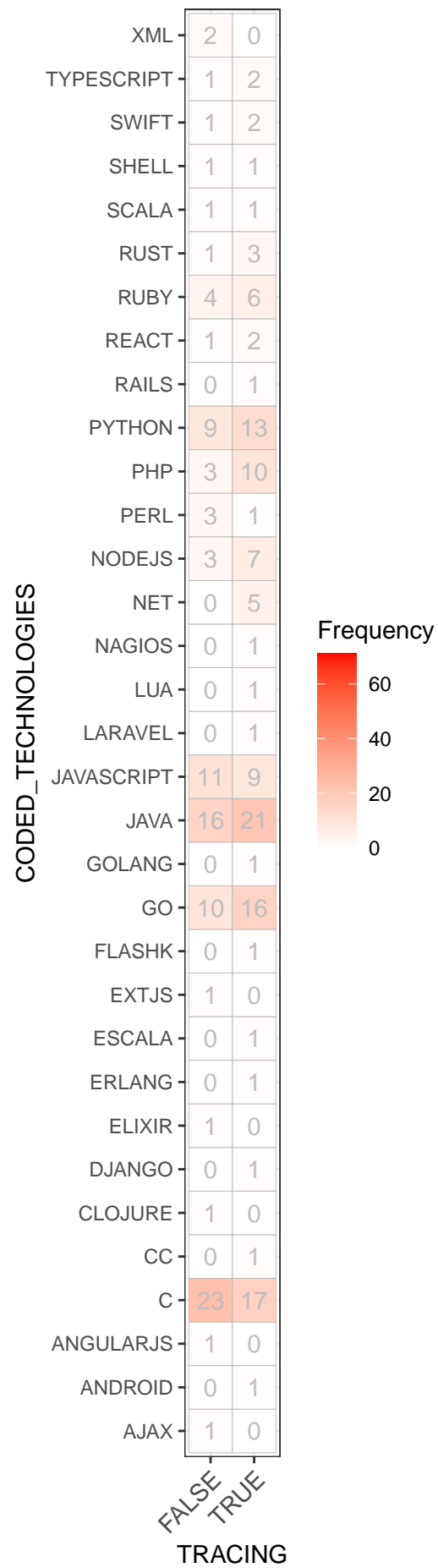
HAYSTACKCLIENTJAVANEEDSOPENENTRACINGVERSION
MAINTAINEDINYOUROWNSYSTEM
MOSTOFTHESYSTEMSARENOTSUPPORTED
REQUIRECODEREAGENT
REQUIRECONNECTIONTOBUILDING
REQUIREEXTERNALDATASTORE
REQUIREINSTRUMENTATION
REQUIRESCRYPTONOTBLOCKED
REQUIREJVM
REQUIRENODEJS
REQUIREPLUGIN
REQUIREBROWSER
REQUIRESPECIFICDB
REQUIRESPECIFICOS
REQUIRESWIFTBINARIESV412
REQUIREVISUALIZER
RUNASSAAS
TRACINGONLYSUPPORTSJAVABASEDAPPLICATIONS

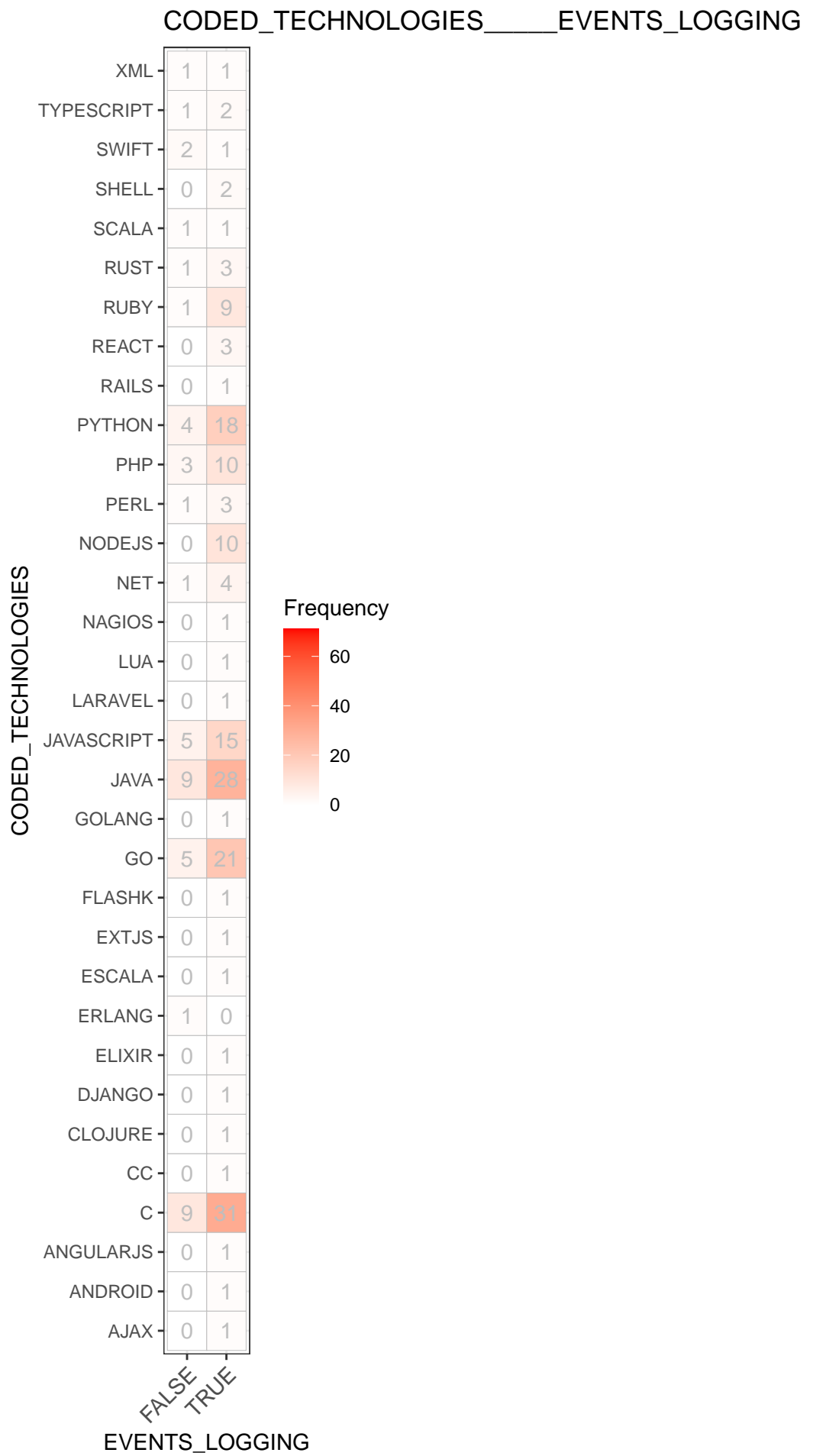
CODED_ASSUMPTIONS

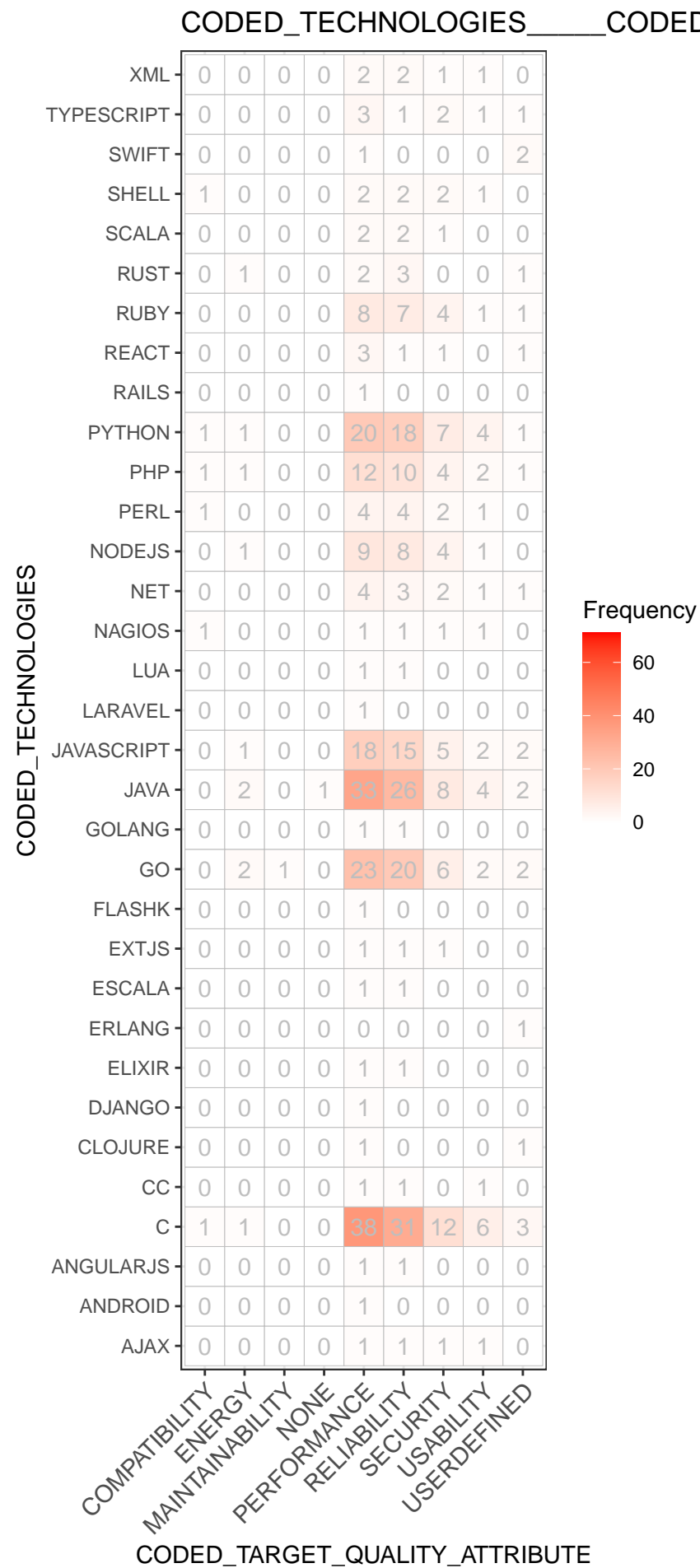


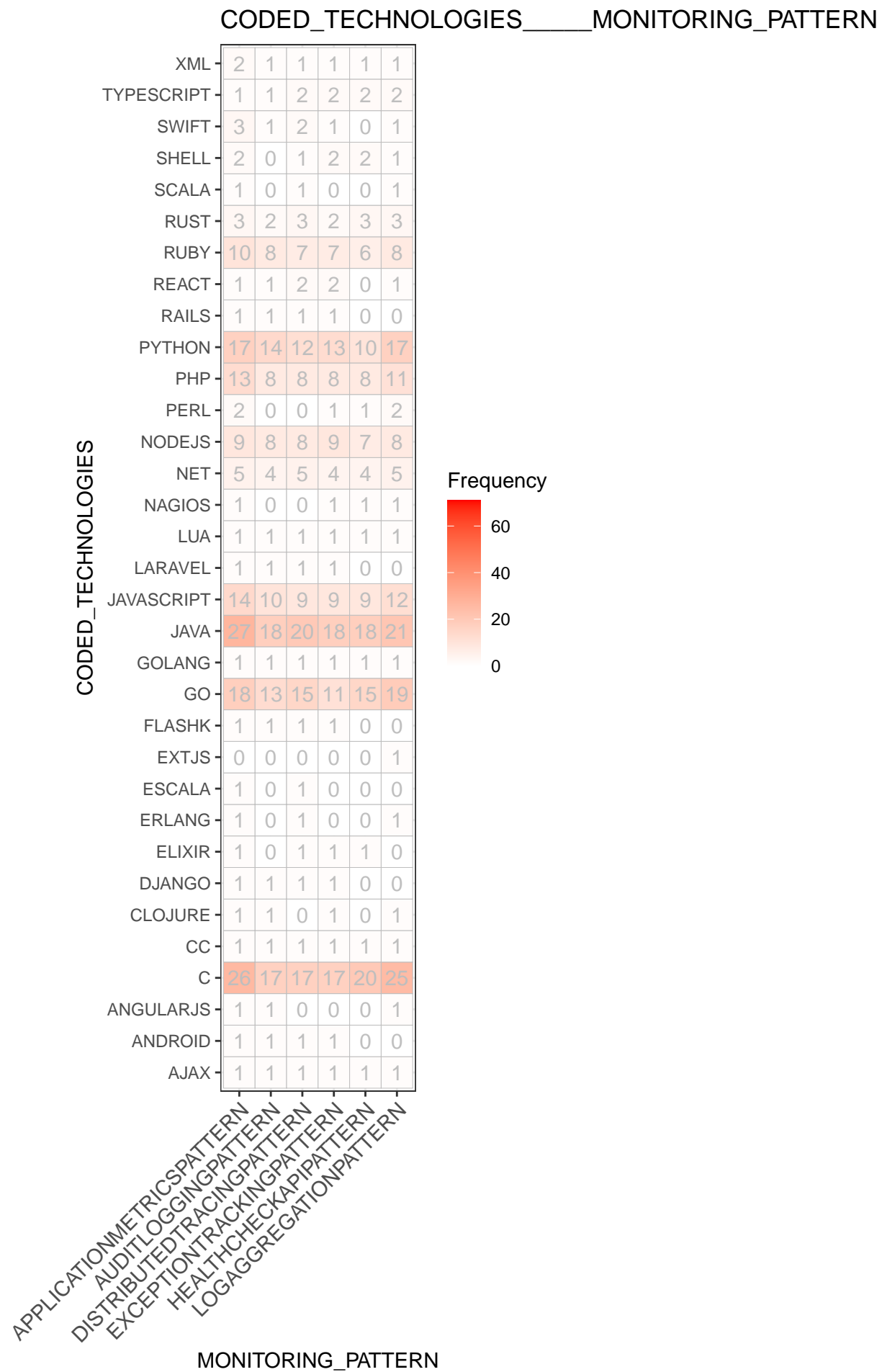


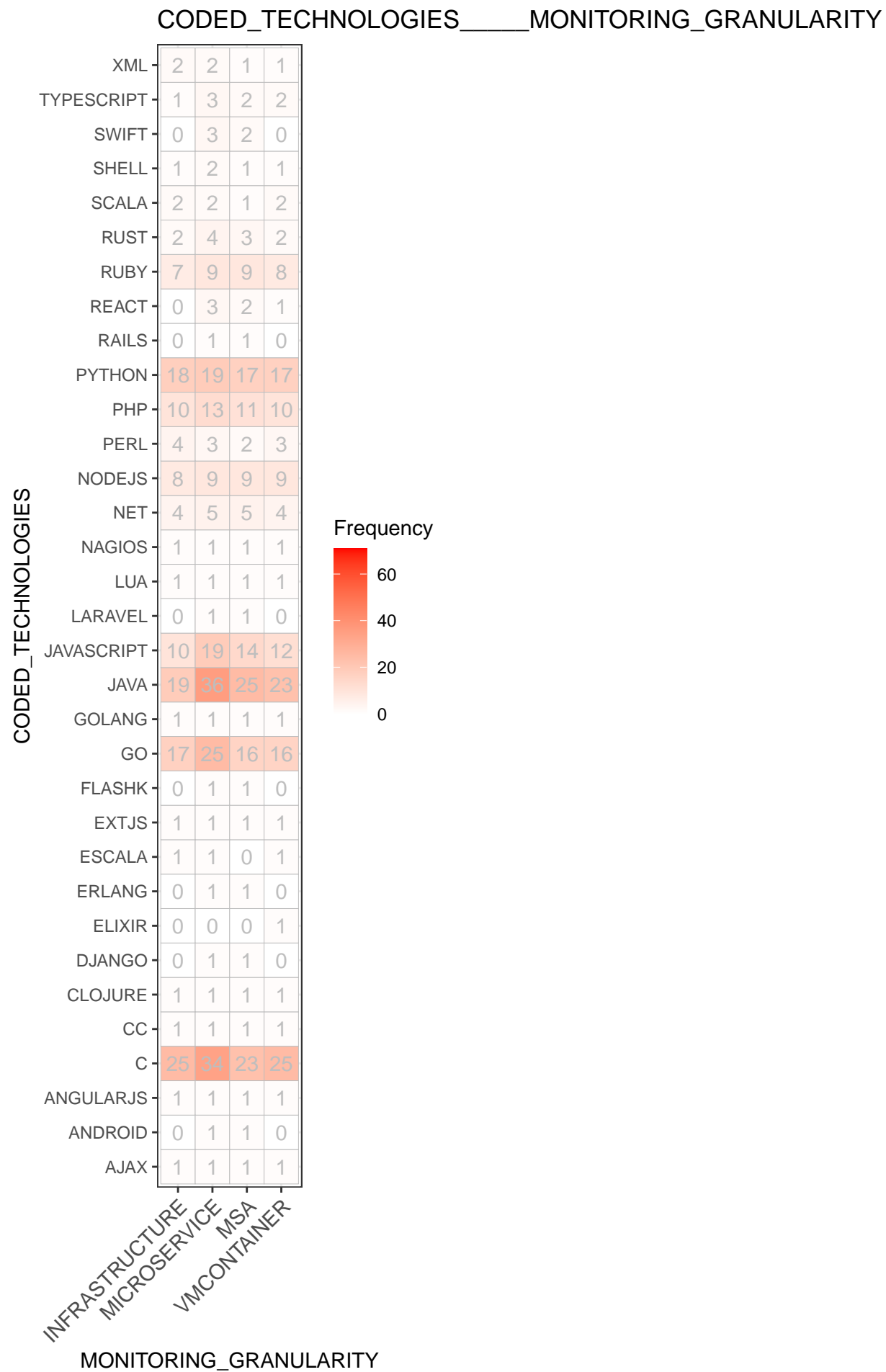
CODED_TECHNOLOGIES_____TRACING

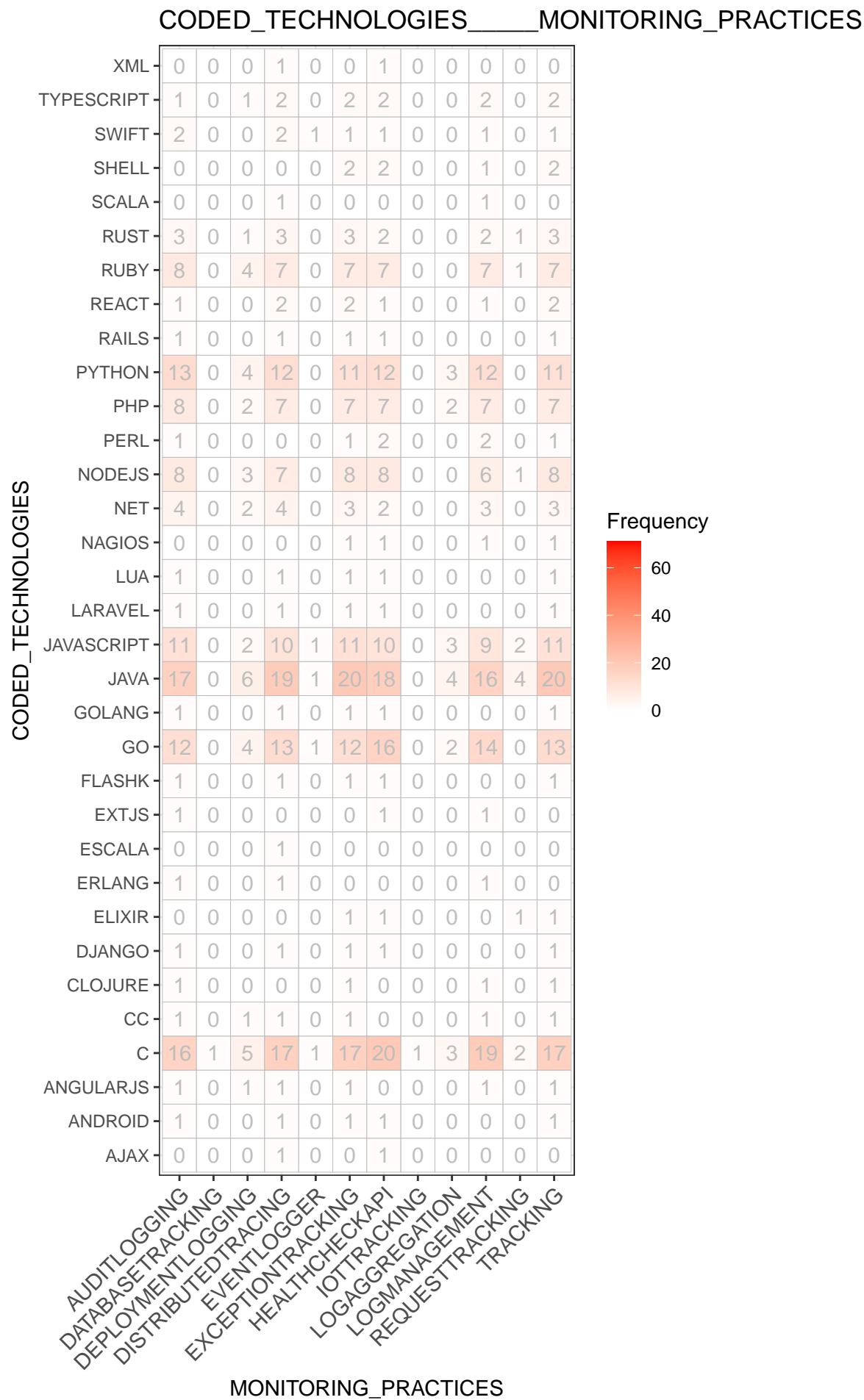


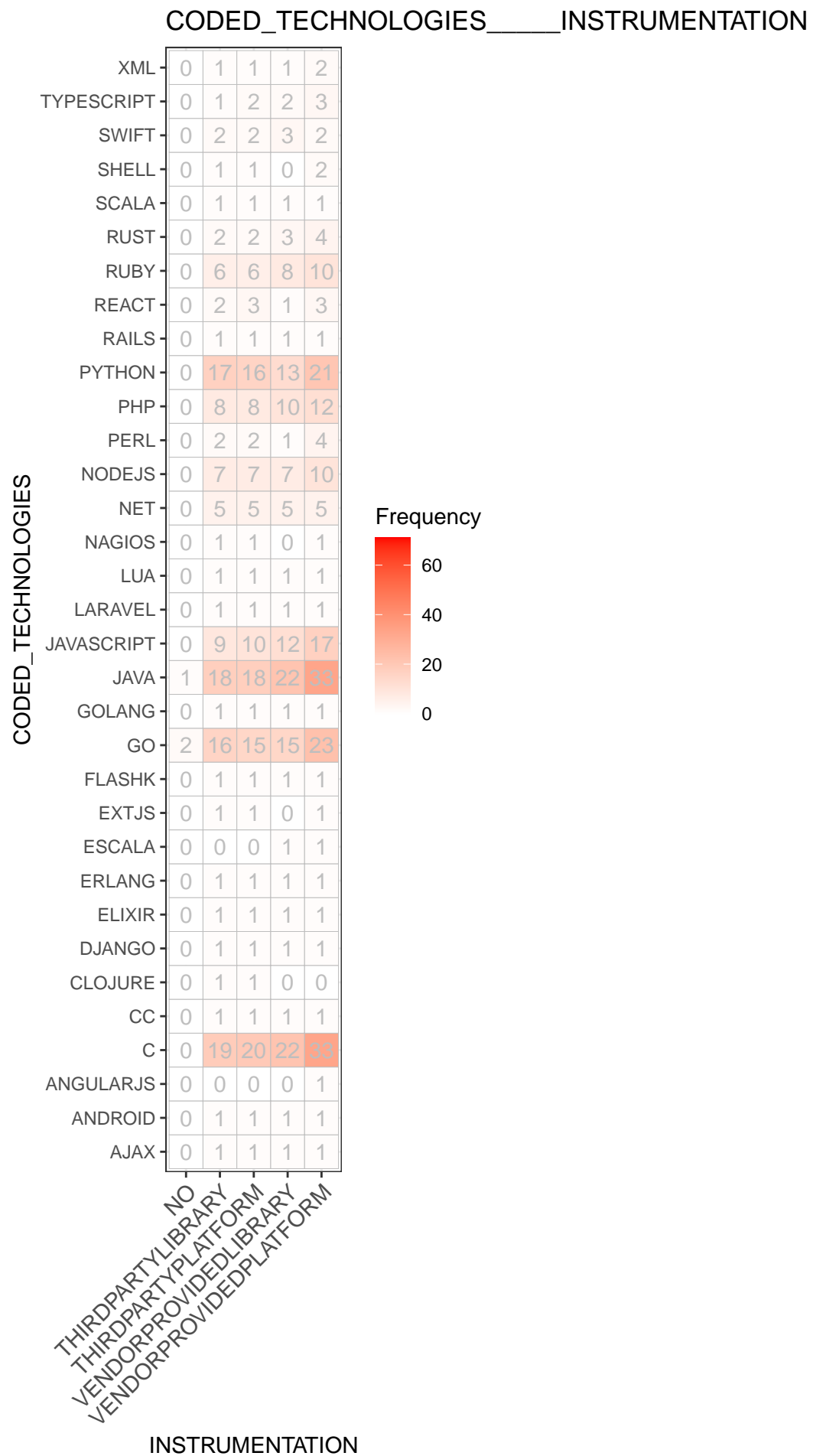


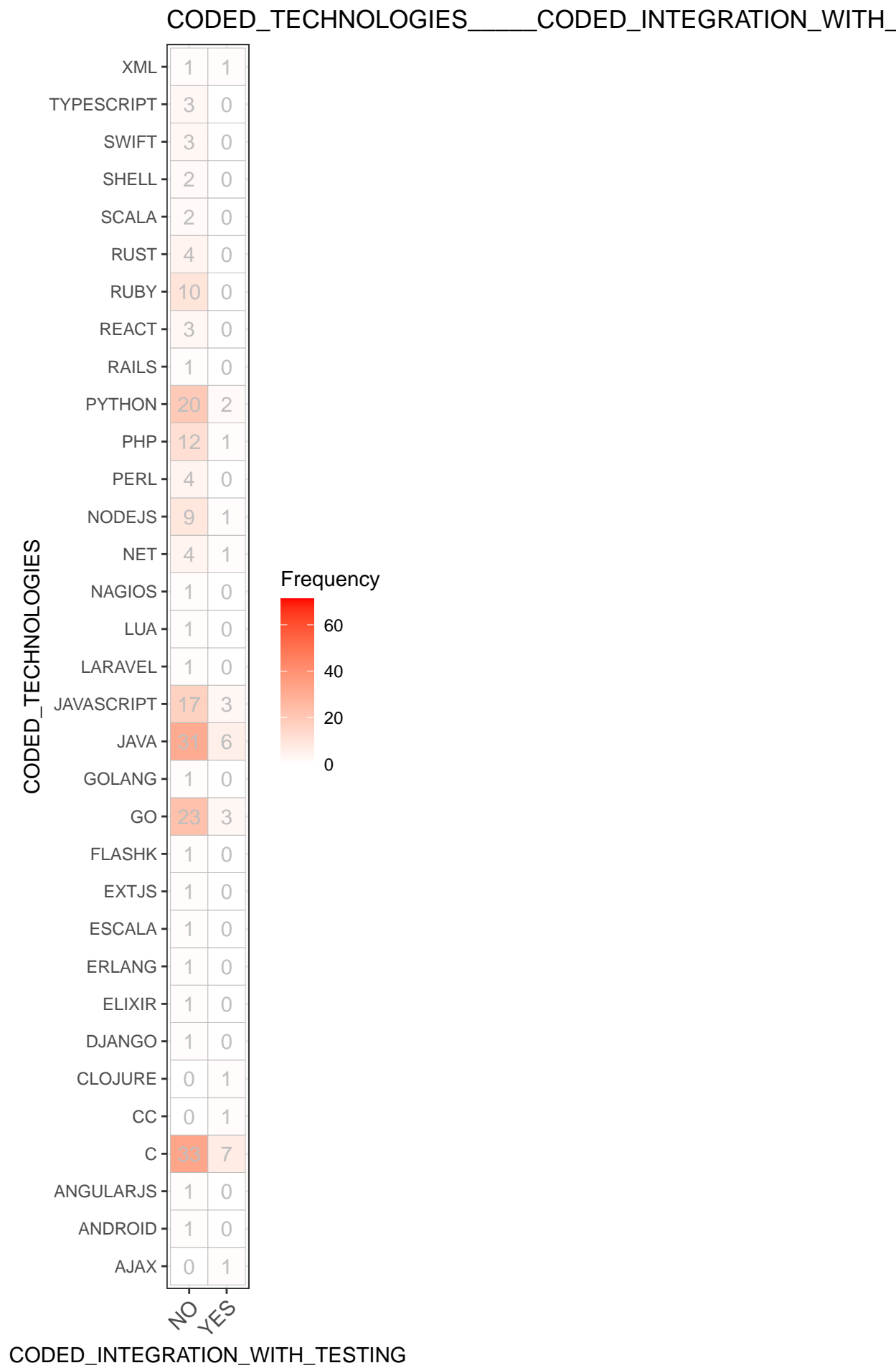


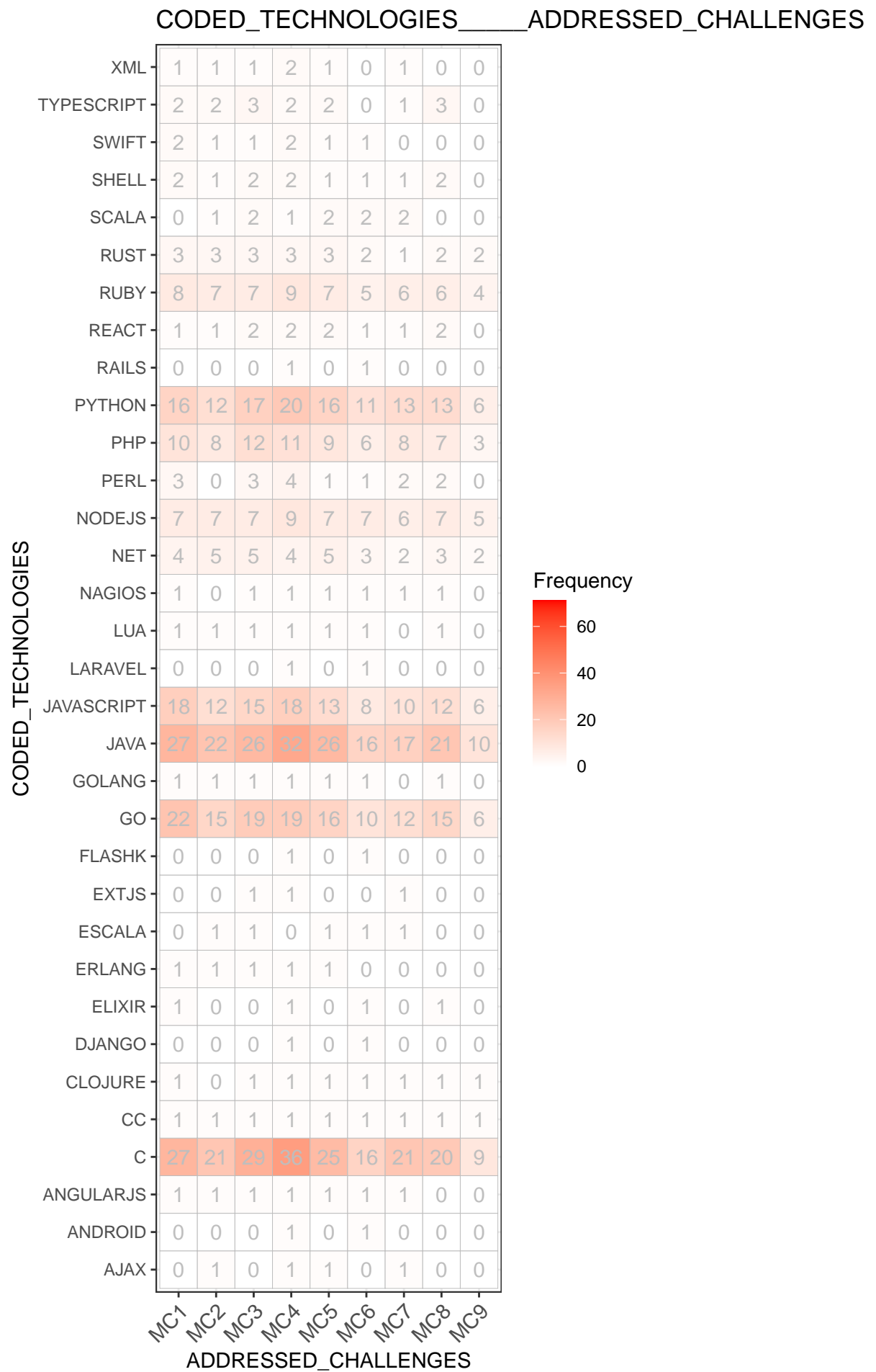


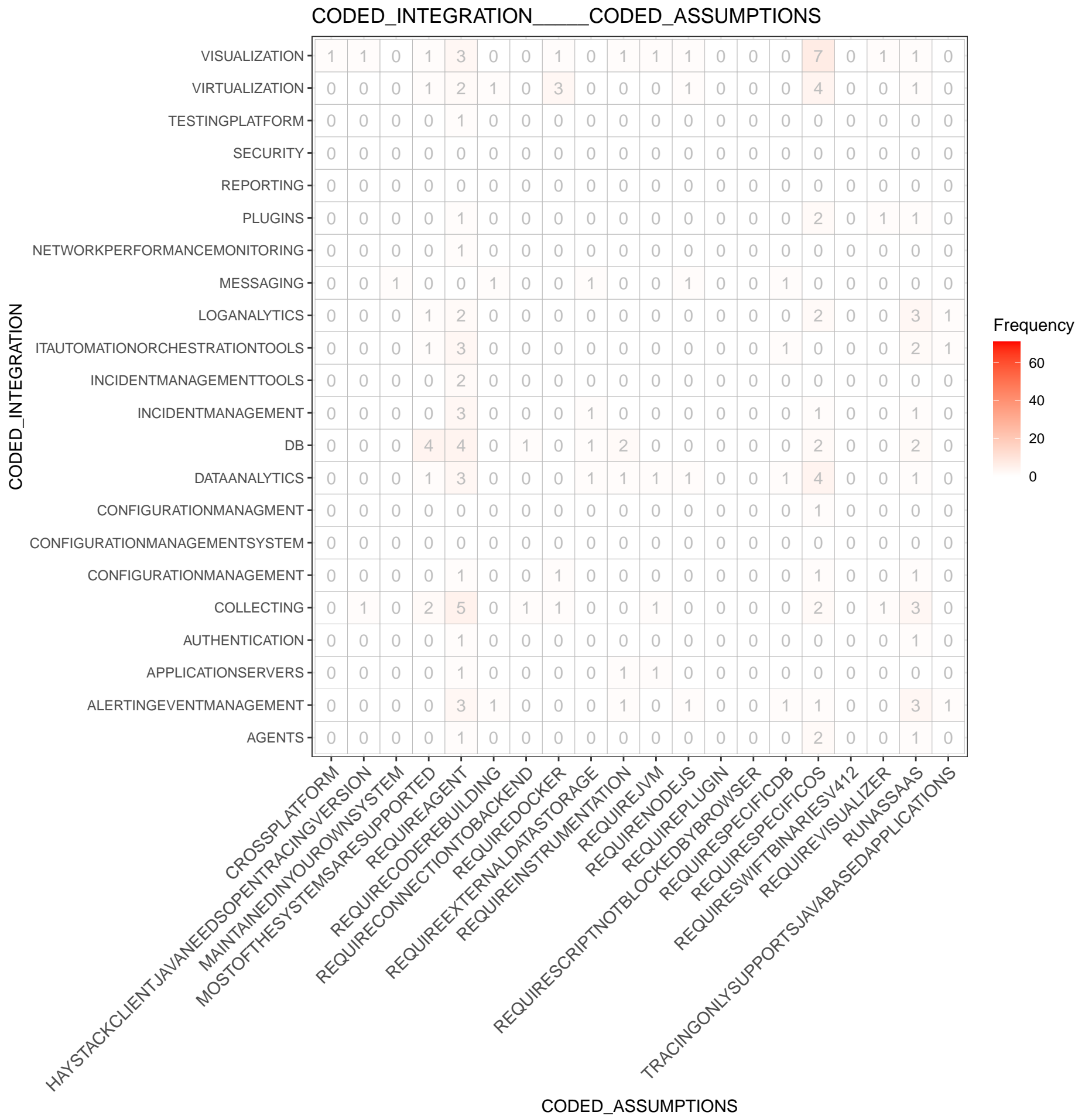


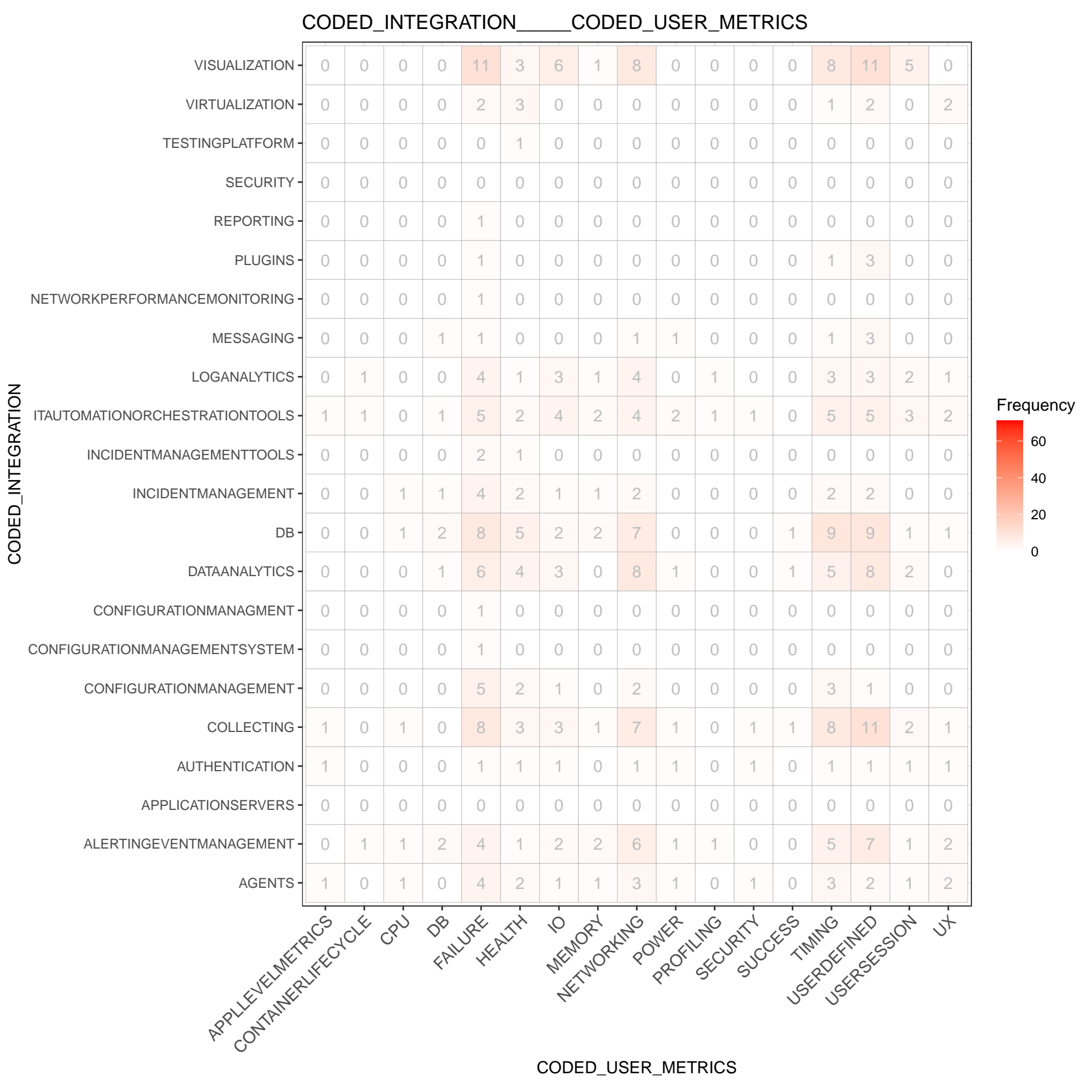


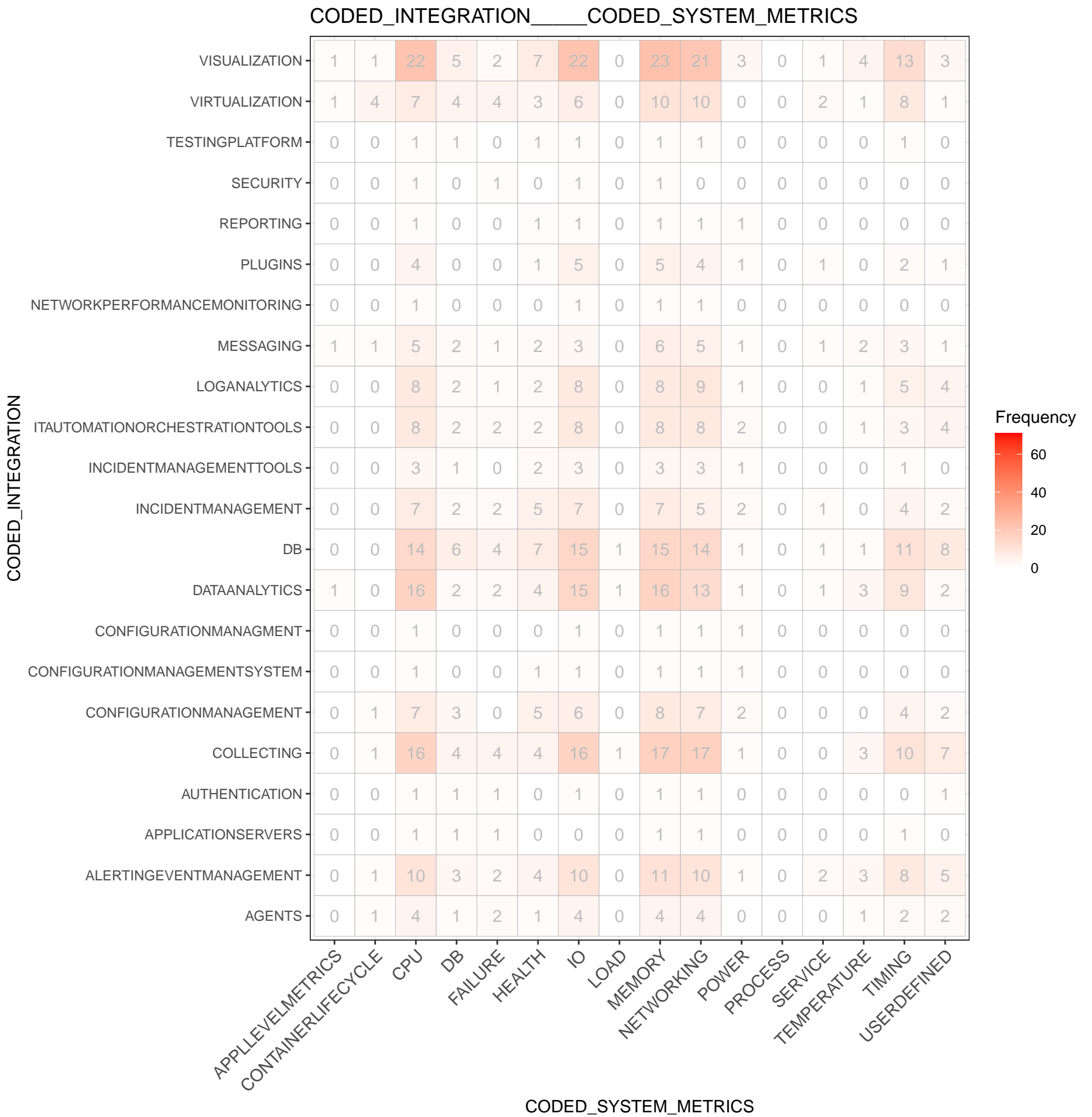


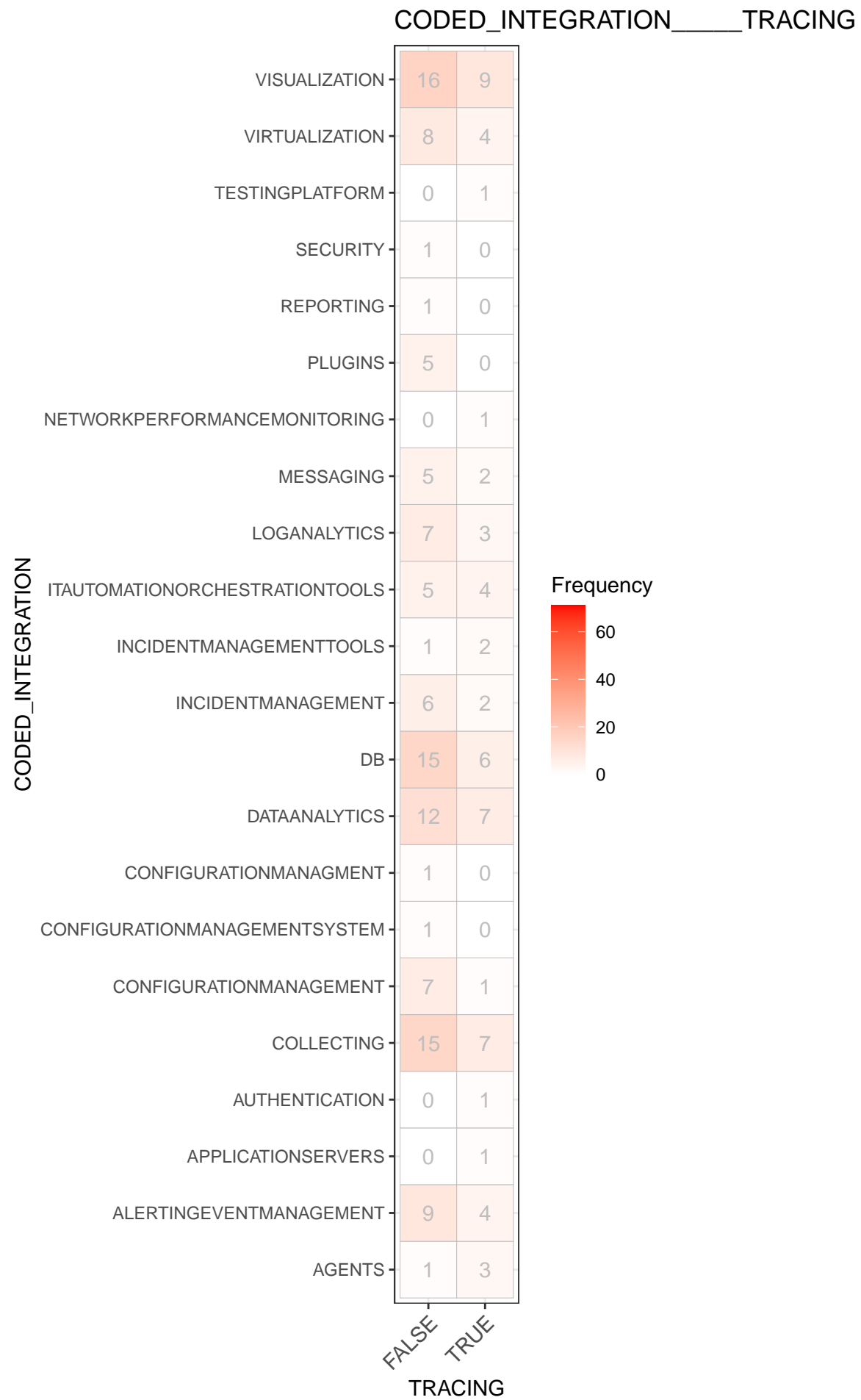


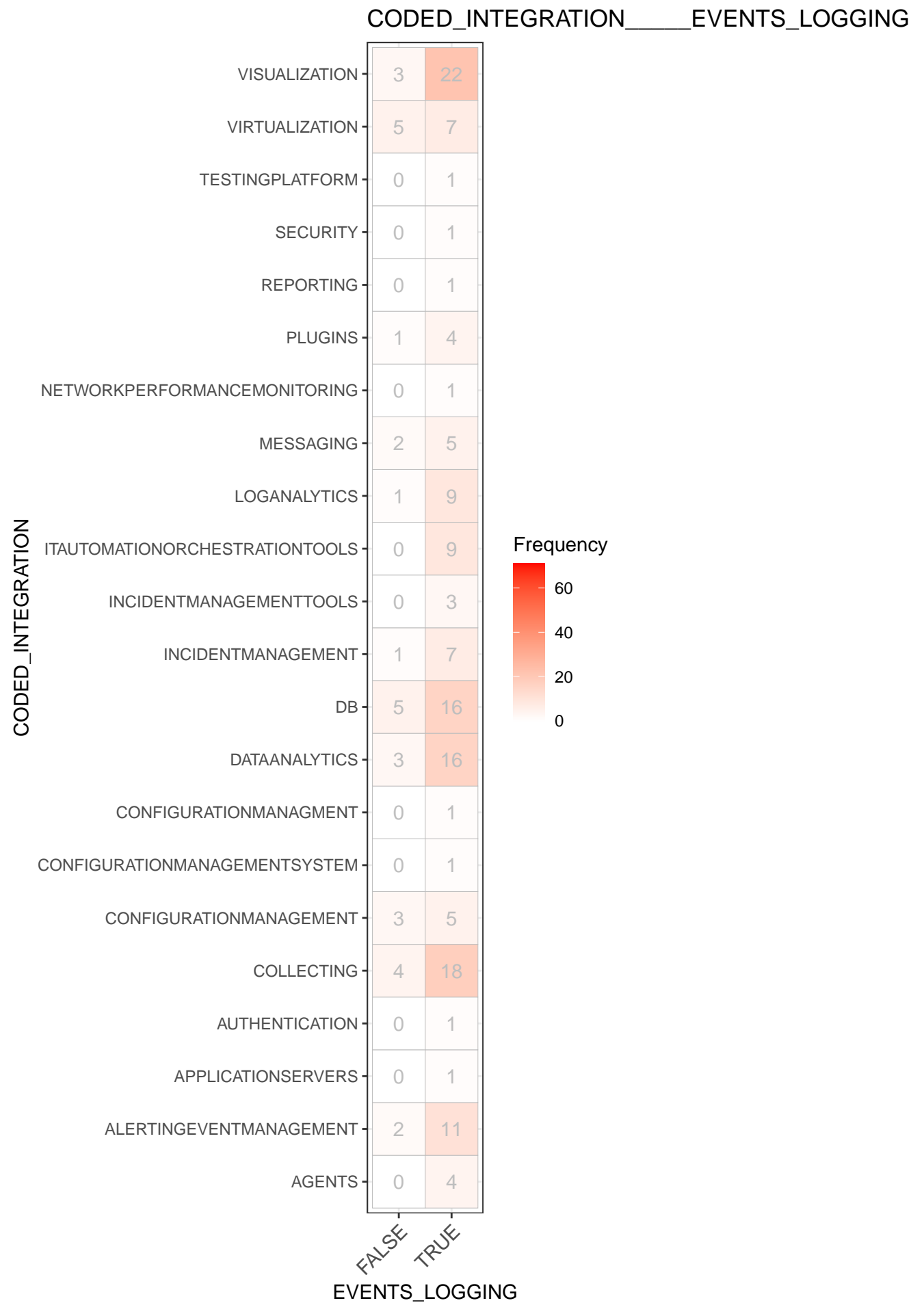




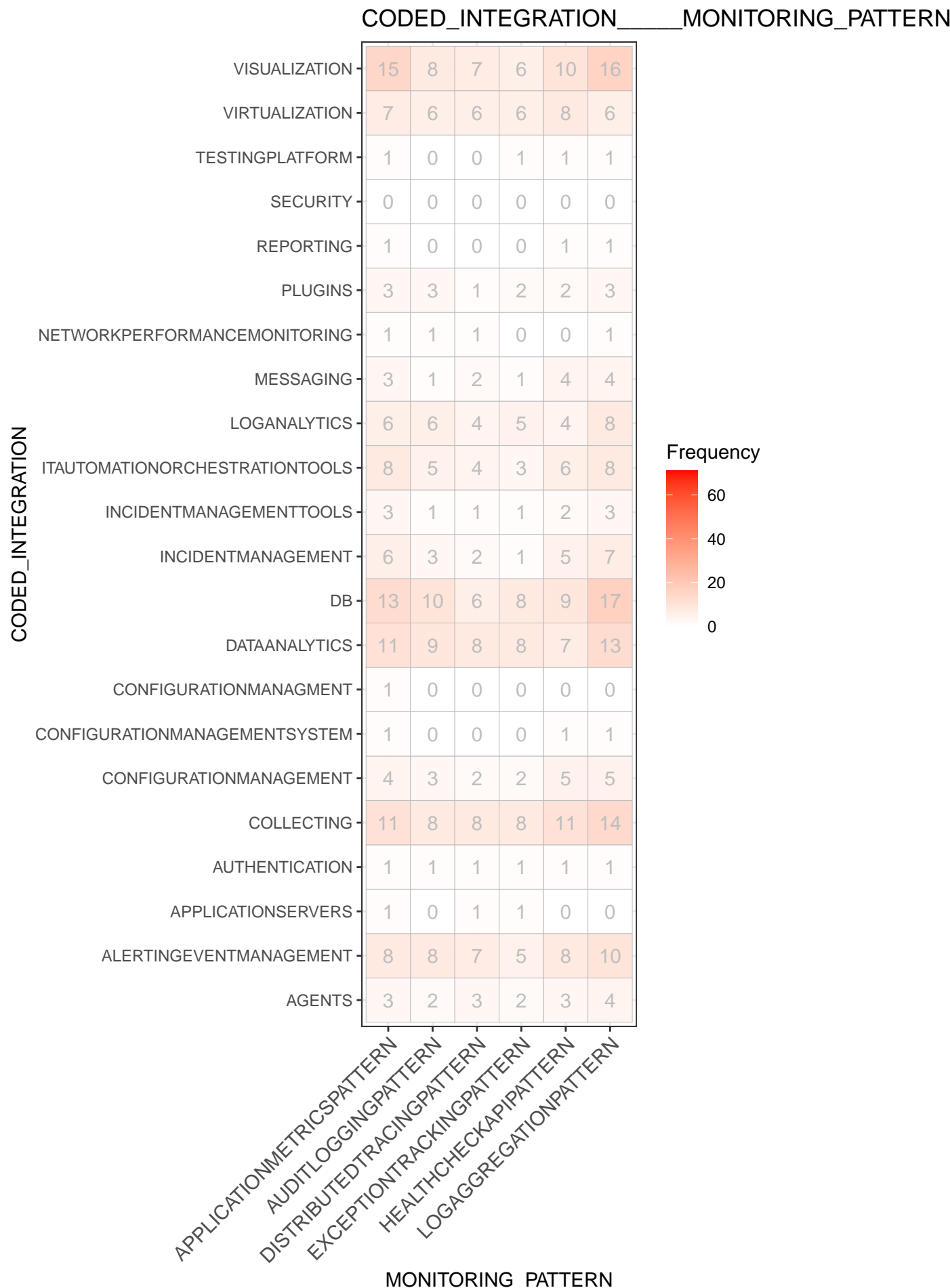


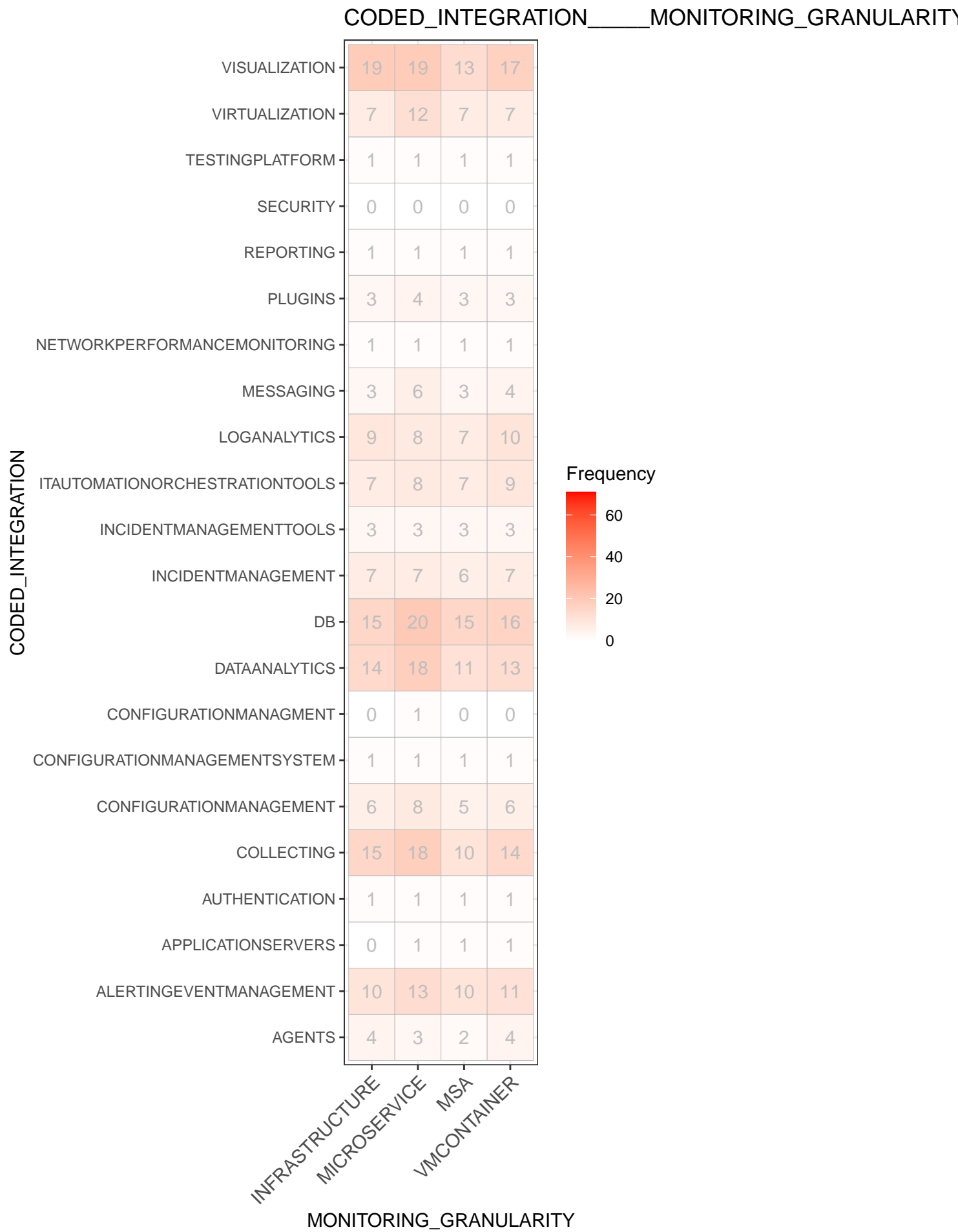










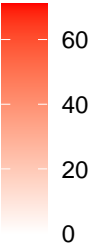


CODED_INTEGRATION_____MONITORING_PRACTICES

CODED_INTEGRATION

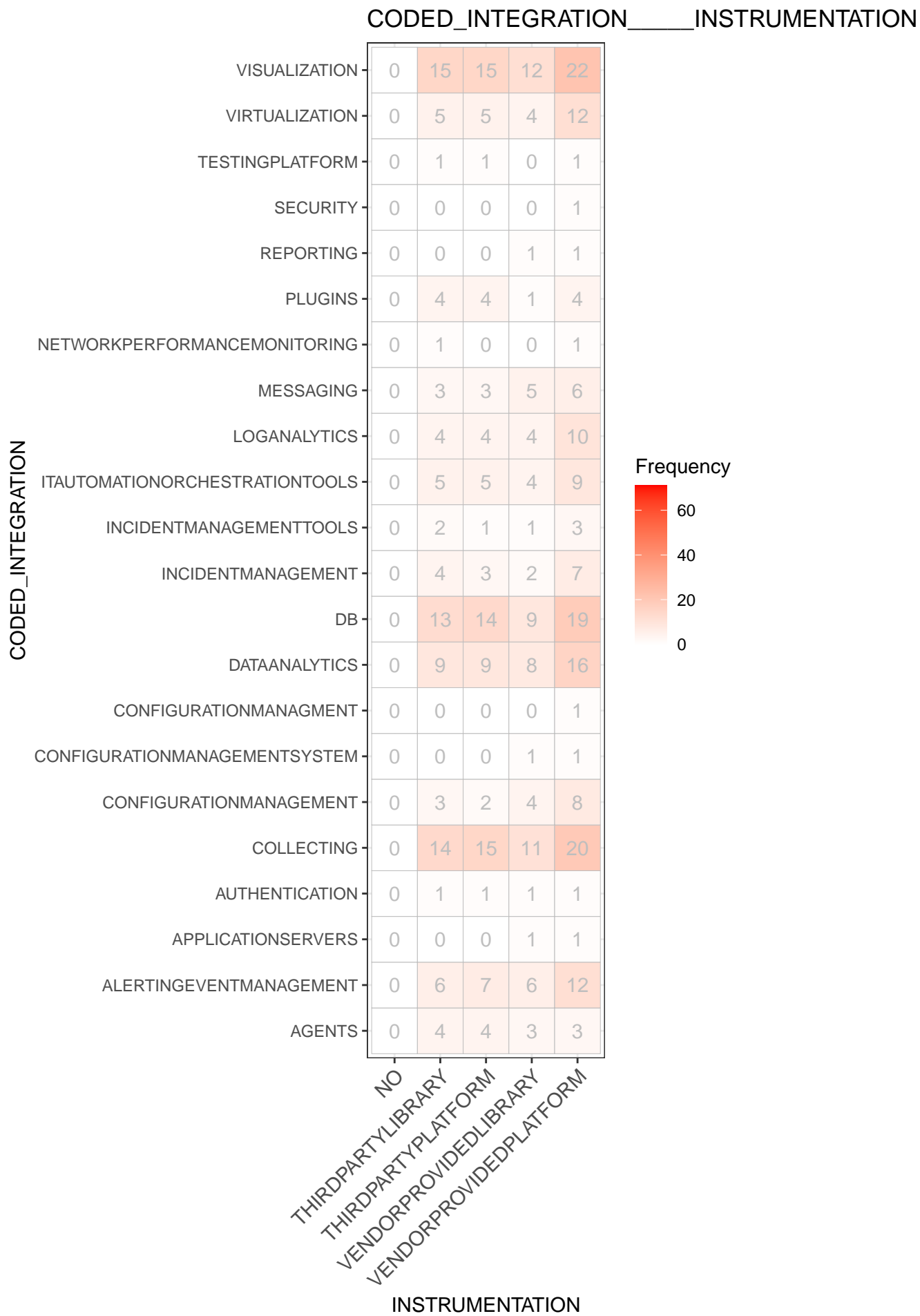
VISUALIZATION	9	1	2	7	0	8	11	1	3	12	1	8
VIRTUALIZATION	4	0	1	5	0	6	8	0	0	5	1	6
TESTINGPLATFORM	0	0	0	0	0	1	1	0	0	1	0	1
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
REPORTING	0	0	0	0	0	0	1	0	0	1	0	0
PLUGINS	3	0	0	0	0	2	2	0	0	4	0	2
NETWORKPERFORMANCEMONITORING	0	0	0	1	0	0	1	0	0	1	0	0
MESSAGING	1	0	0	1	0	2	3	0	1	2	2	2
LOGANALYTICS	5	1	2	5	0	5	5	1	1	8	0	5
ITAUTOMATIONORCHESTRATIONTOOLS	4	0	2	4	0	4	5	0	1	6	1	4
INCIDENTMANAGEMENTTOOLS	0	0	0	1	0	1	3	0	0	3	0	1
INCIDENTMANAGEMENT	2	0	1	1	0	1	6	0	0	7	0	1
DB	11	1	4	8	0	9	11	1	2	15	0	10
DATAANALYTICS	9	1	2	7	0	8	8	1	3	11	1	9
CONFIGURATIONMANAGMENT	0	0	0	0	0	0	0	0	0	0	0	0
CONFIGURATIONMANAGEMENTSYSTEM	0	0	0	0	0	0	1	0	0	1	0	0
CONFIGURATIONMANAGEMENT	3	1	1	3	1	3	7	1	0	6	1	3
COLLECTING	8	1	3	6	2	10	10	1	2	14	2	11
AUTHENTICATION	1	0	1	1	0	1	0	0	0	1	0	1
APPLICATIONSERVERS	0	0	0	0	0	1	0	0	0	0	0	1
ALERTINGEVENTMANAGEMENT	7	1	3	6	0	4	7	1	1	9	0	4
AGENTS	1	0	1	1	1	1	1	0	0	3	0	1

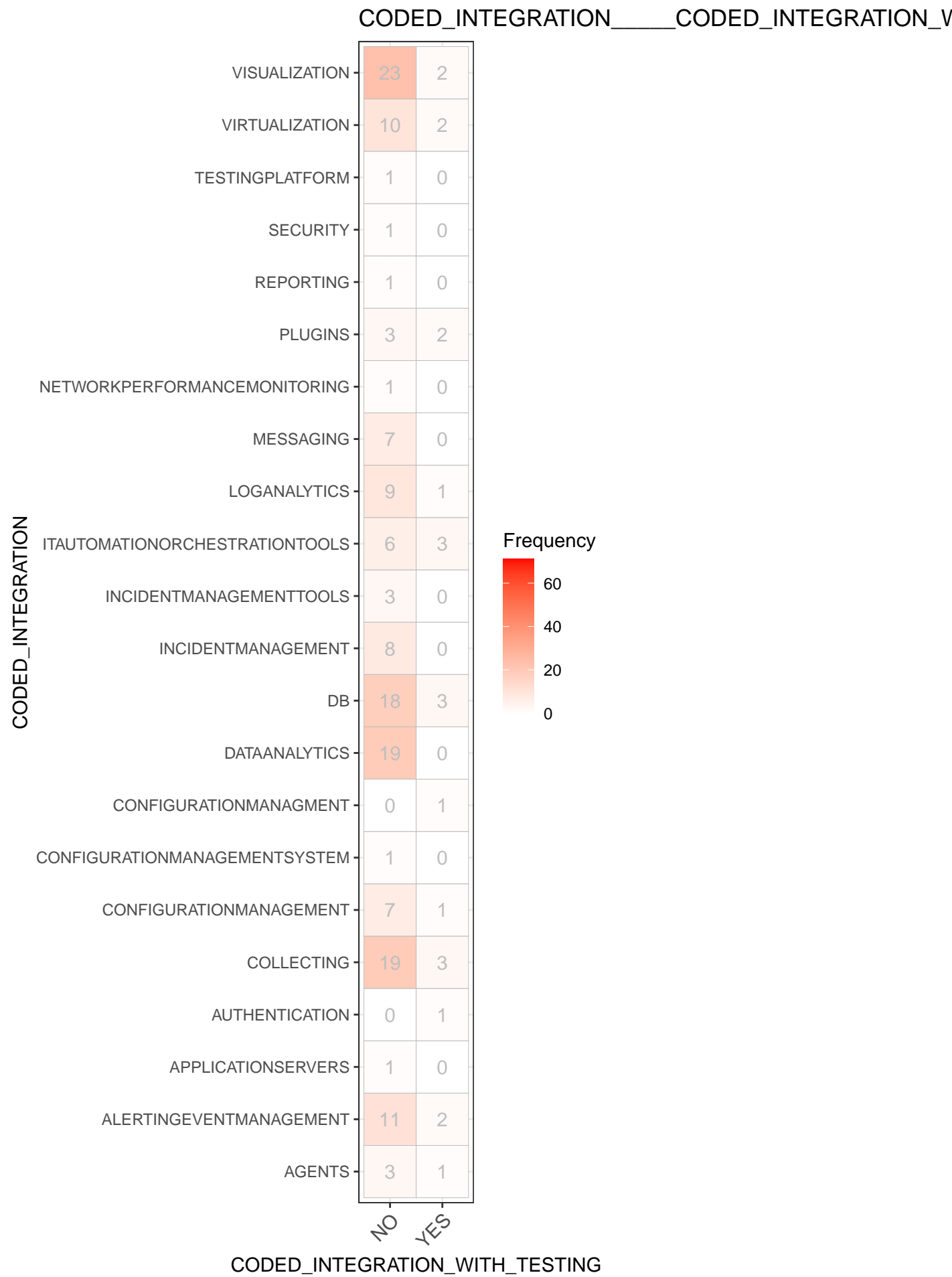
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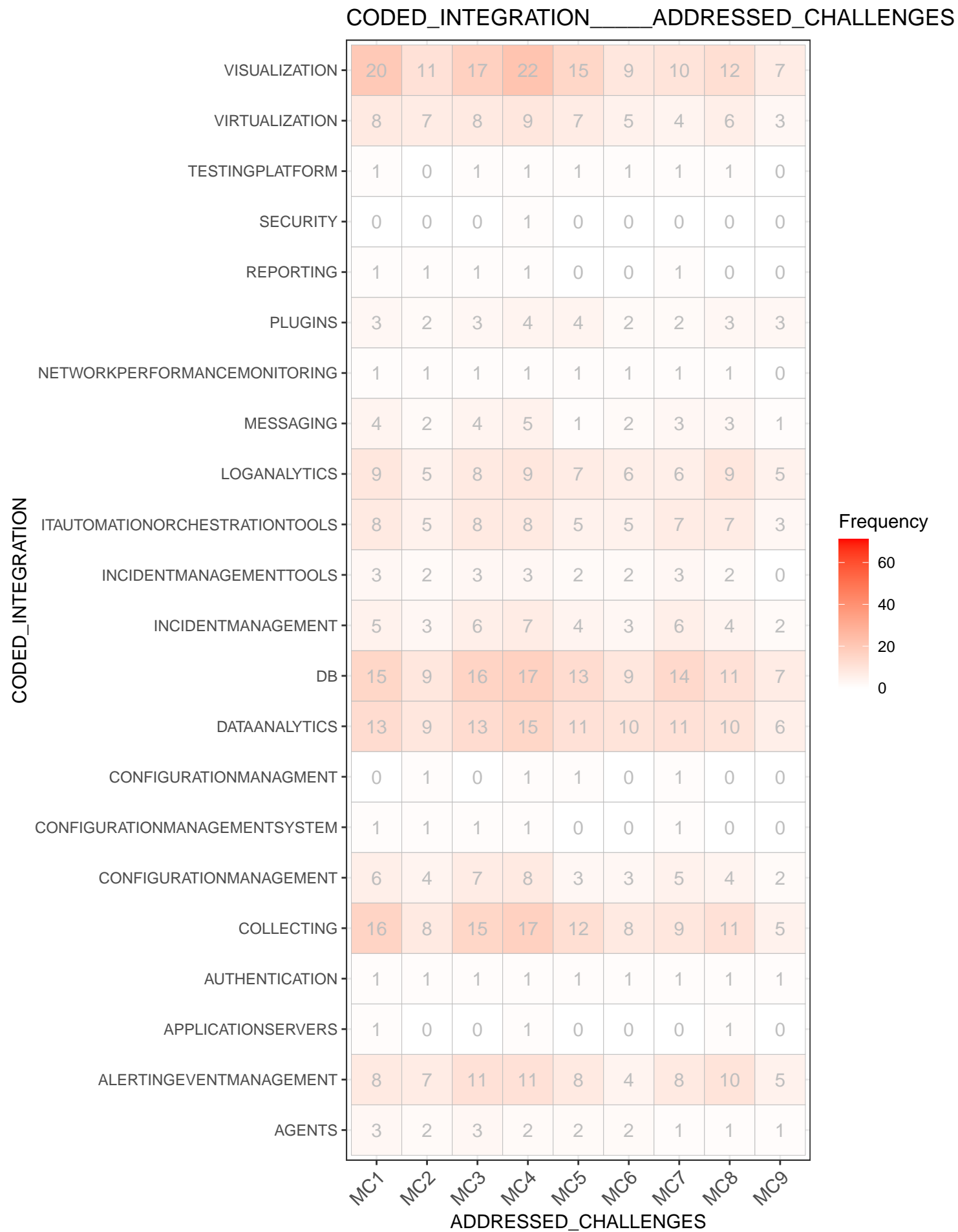


AUDITLOGGING
DATABASETRACKING
DEPLOYMENTLOGGING
DISTRIBUTEDTRACING
EVENTLOGGER
EXCEPTIONTRACKING
HEALTHCHECKAPI
IOTTRACKING
LOGAGGREGATION
LOGMANAGEMENT
REQUESTTRACKING
TRACKING

MONITORING_PRACTICES





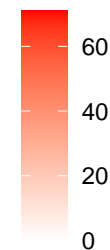


CODED_ASSUMPTIONS

CODED_ASSUMPTIONS_____CODED_USER_METRICS

TRACINGONLYSUPPORTSJAVABASEDAPPLICATIONS	0	1	0	0	0	0	1	1	1	0	1	0	0	1	1	1	1
RUNASSAAS	1	1	1	1	2	1	2	2	3	1	1	1	0	3	2	2	2
REQUIREVISUALIZER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
REQUIRESWIFTBINARIESV412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
REQUIRESPECIFICOS	0	0	0	0	6	3	3	0	4	0	0	0	0	2	2	3	1
REQUIRESPECIFICDB	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0
REQUIRESRIPTNOTBLOCKEDBYBROWSER	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
REQUIREPLUGIN	0	0	0	1	1	0	1	0	1	0	0	0	0	1	0	1	0
REQUIRENODEJS	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0
REQUIREJVM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REQUIREINSTRUMENTATION	1	0	0	0	2	0	0	0	3	0	0	0	0	2	2	0	2
REQUIREEXTERNALDATASTORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
REQUIREDOCKER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REQUIRECONNECTIONTOBACKEND	2	0	0	0	4	0	0	0	5	0	0	0	0	4	4	0	3
REQUIRECODEREBUILDING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REQUIREAGENT	2	1	0	0	6	2	2	1	6	1	1	1	0	6	8	2	4
MOSTOFTHESYSTEMSARESUPPORTED	0	0	0	1	3	3	1	1	2	0	0	0	0	3	1	1	1
MAINTAINEDINYOUROWNSYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAYSTACKCLIENTJAVANEEDSOPENTRACINGVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CROSSPLATFORM	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0
	APPLLEVELMETRICS	CONTAINERLIFECYCLE	CPU	DB	FAILURE	HEALTH	IO	MEMORY	NETWORKING	POWER	PROFILING	SECURITY	SUCCESS	TIMING	USERDEFINED	USERSESSION	UX

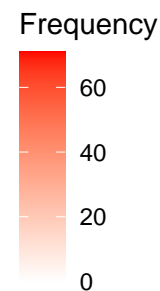
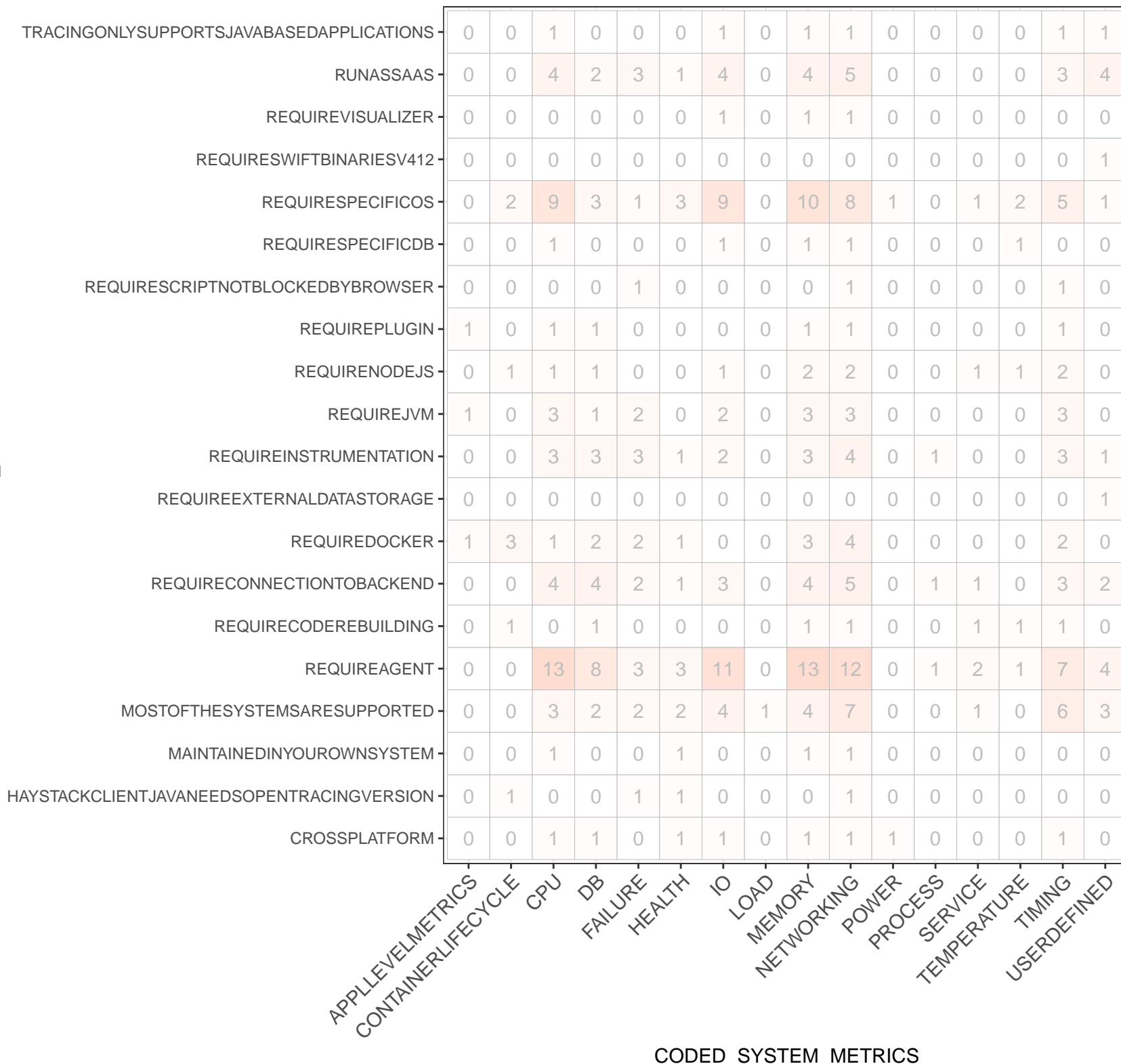
Frequency

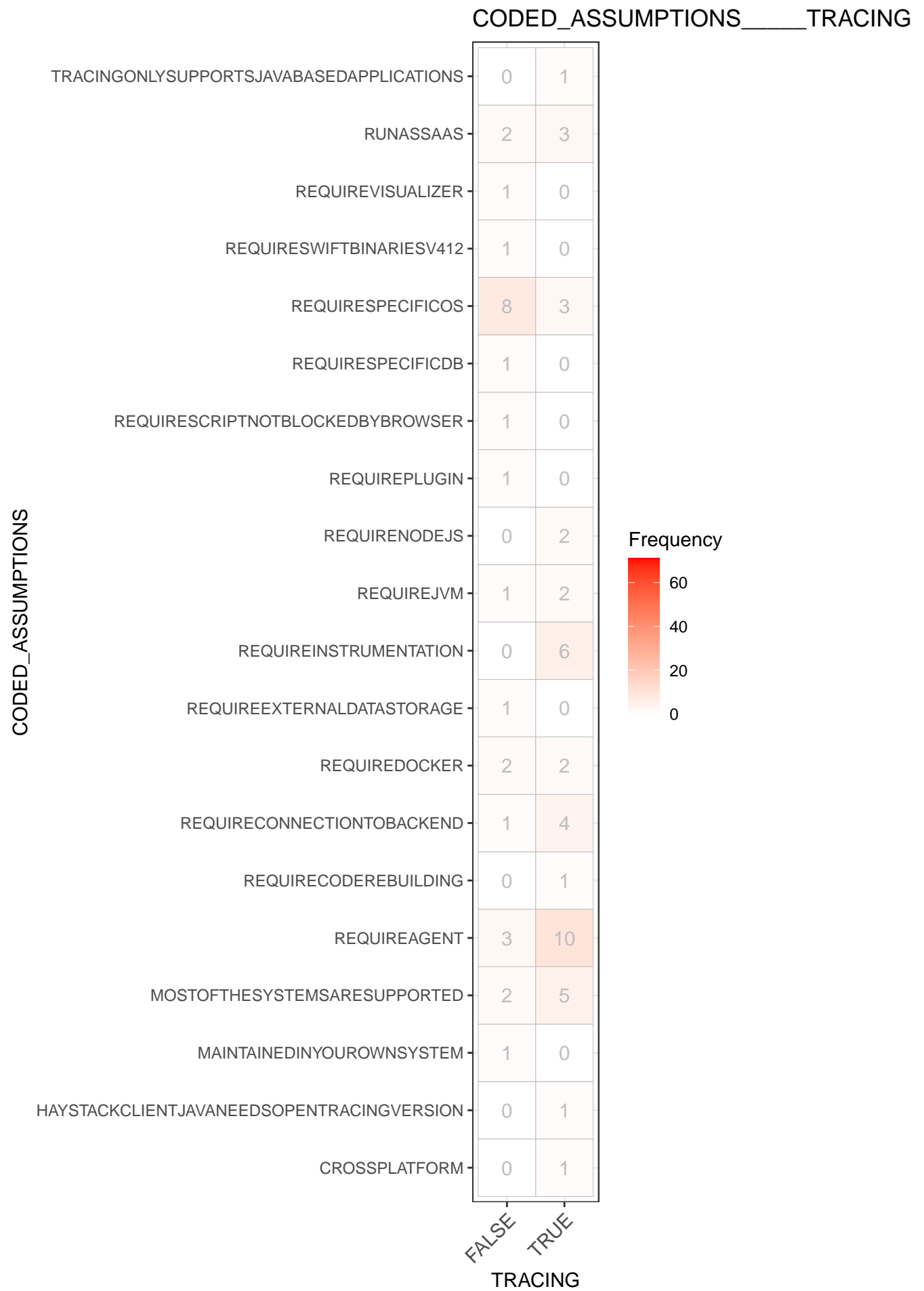


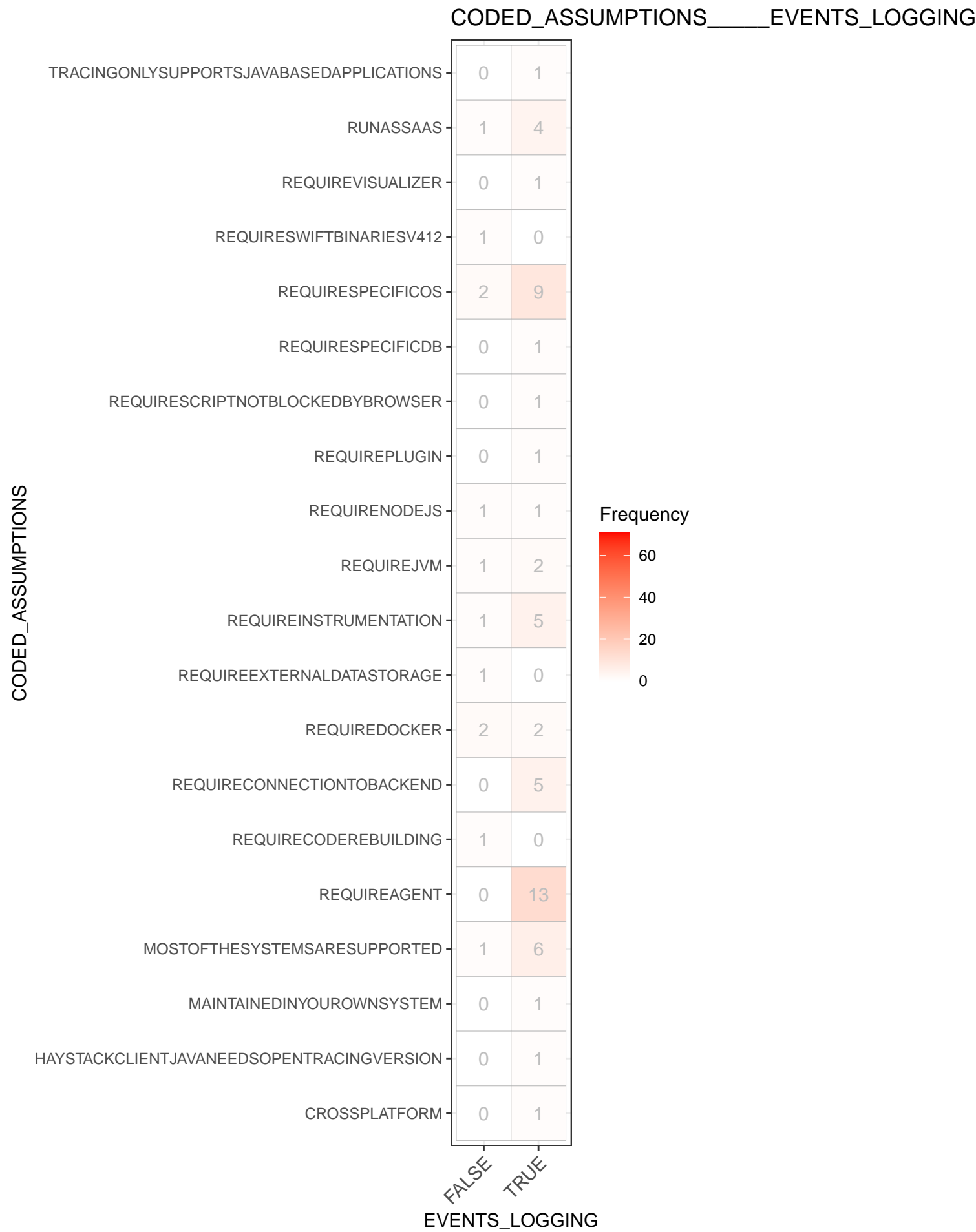
CODED_USER_METRICS

CODED_ASSUMPTIONS

CODED_ASSUMPTIONS_____CODED_SYSTEM_METRICS







CODED_ASSUMPTIONS

CODED_ASSUMPTIONS CODED_TARGET_QUALITY_ATTRIBUTE

TRACINGONLYSUPPORTSJAVABASEDAPPLICATIONS

RUNASSAAS

REQUIREVISUALIZER

REQUIRESWIFTBINARIESV412

REQUIRESPECIFICOS

REQUIRESPECIFICDB

REQUIRESCRIPTNOTBLOCKEDBYBROWSER

REQUIREPLUGIN

REQUIRENODEJS

REQUIREJVM

REQUIREINSTRUMENTATION

REQUIREEXTERNALDATASTORAGE

REQUIREDOCKER

REQUIRECONNECTIONTOBACKEND

REQUIRECODEREBUILDING

REQUIREAGENT

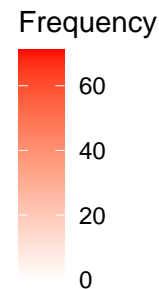
MOSTOFTHESYSTEMSARESUPPORTED

MAINTAINEDINYOUROWNSYSTEM

HAYSTACKCLIENTJAVANEEDSOPENTRACINGVERSION

CROSSPLATFORM

0	0	0	0	1	1	0	1	0
0	0	0	0	5	5	0	2	0
0	0	0	0	1	1	0	0	0
0	0	0	0	0	0	0	0	1
0	1	0	0	9	8	3	0	1
0	1	0	0	1	1	0	0	0
0	0	0	0	1	0	1	1	0
0	0	0	0	1	1	0	0	0
0	0	0	0	2	0	0	0	0
0	0	0	0	3	2	0	0	0
0	0	0	0	5	3	2	1	1
0	0	0	0	1	1	1	0	0
0	0	0	0	4	3	1	0	0
0	0	0	0	5	4	4	3	0
0	0	0	0	1	0	0	0	0
1	0	0	0	13	11	4	5	0
0	0	0	0	7	6	0	0	0
0	0	0	0	0	1	0	0	0
0	0	0	0	1	1	0	0	0
0	1	1	0	1	1	0	0	0



COMPATIBILITY

ENERGY

MAINTAINABILITY

NONE

PERFORMANCE

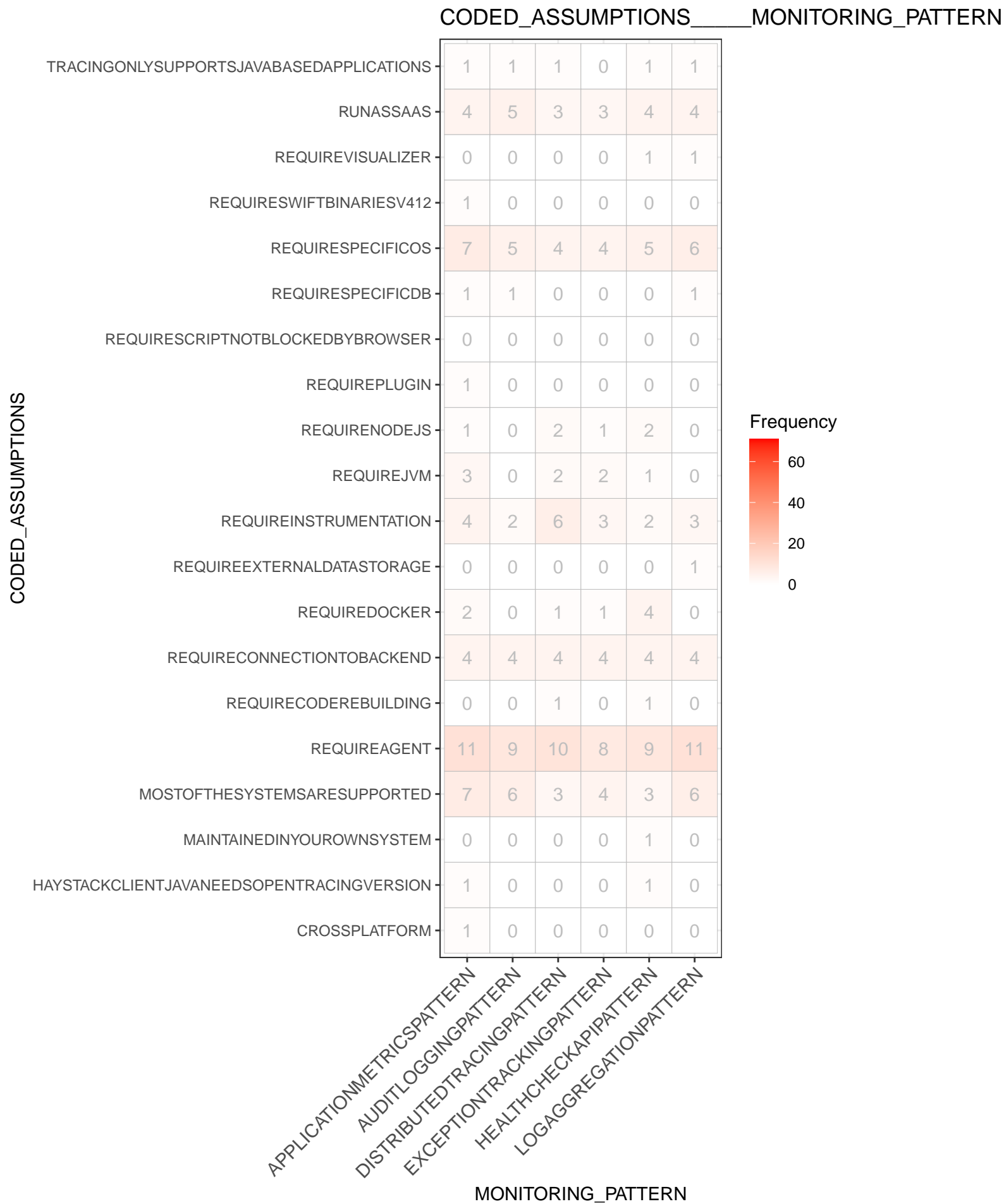
RELIABILITY

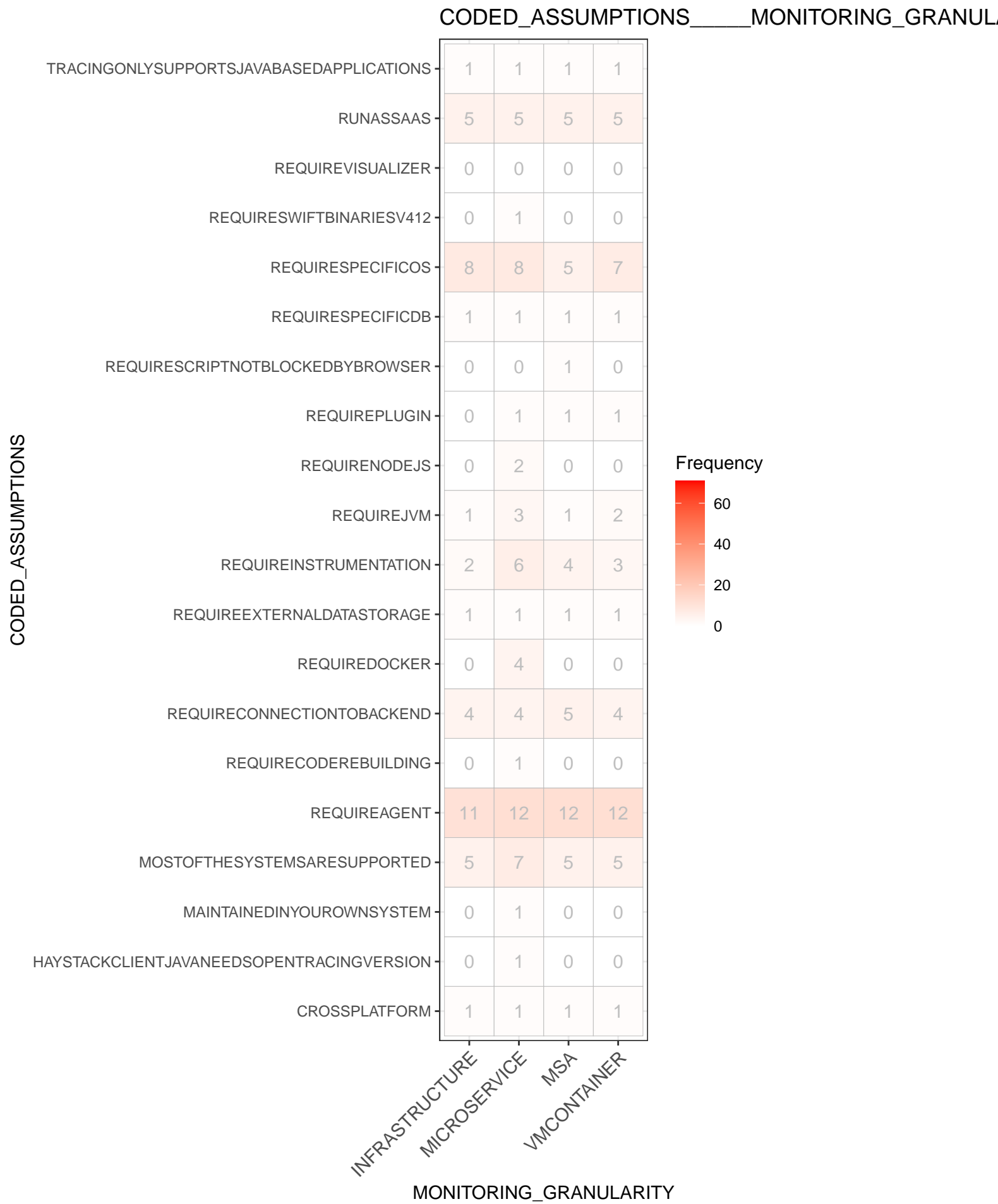
SECURITY

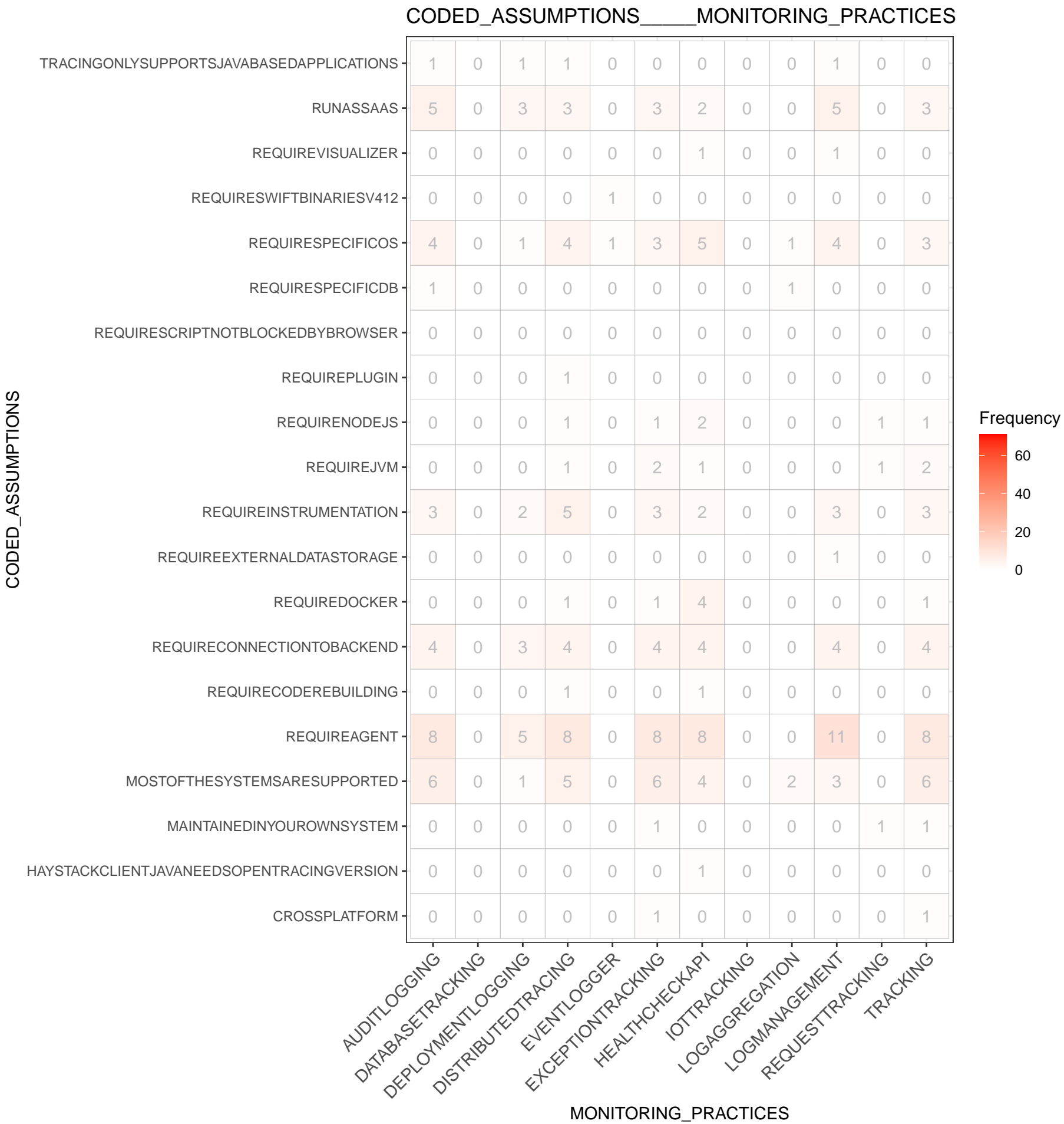
USABILITY

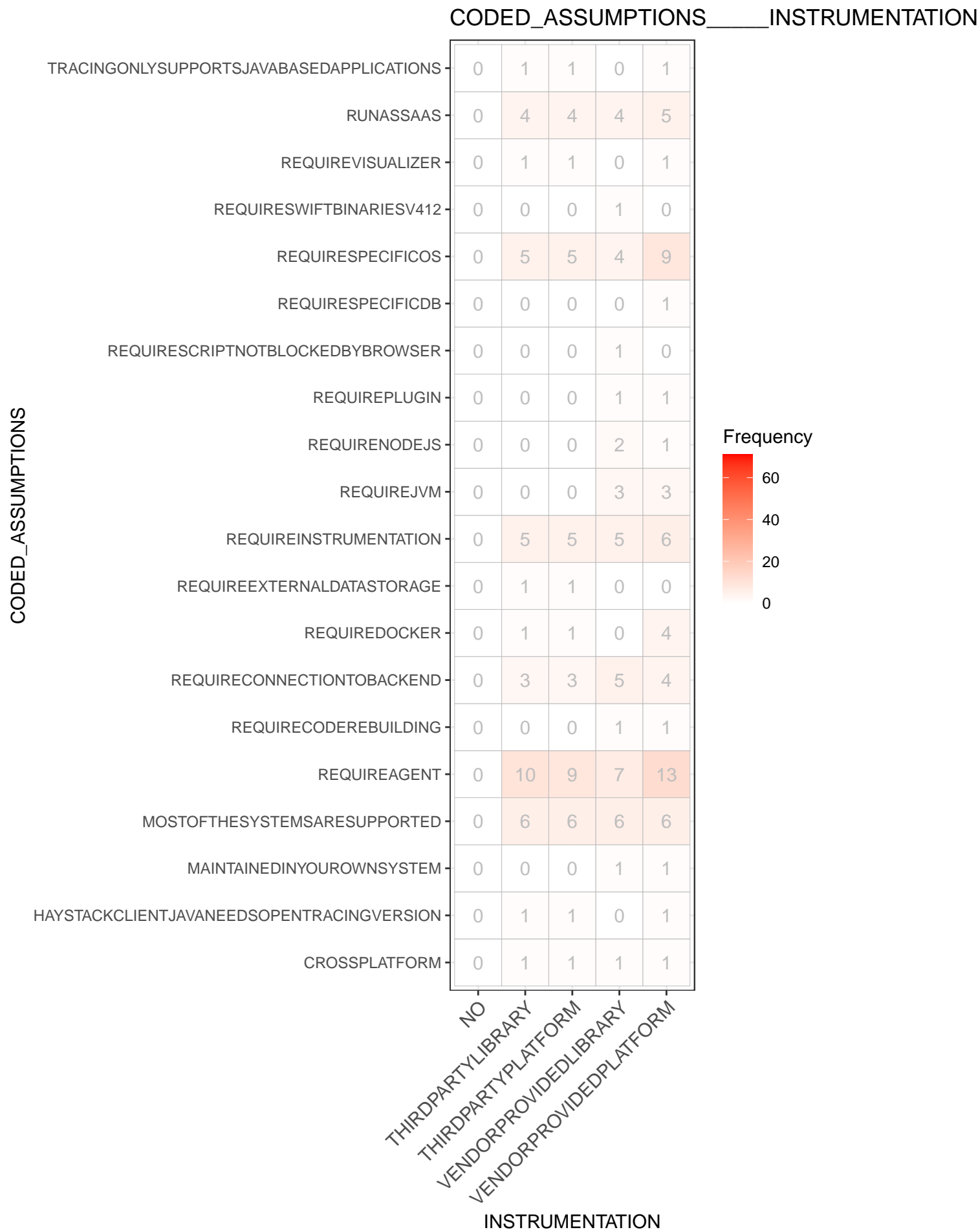
USERDEFINED

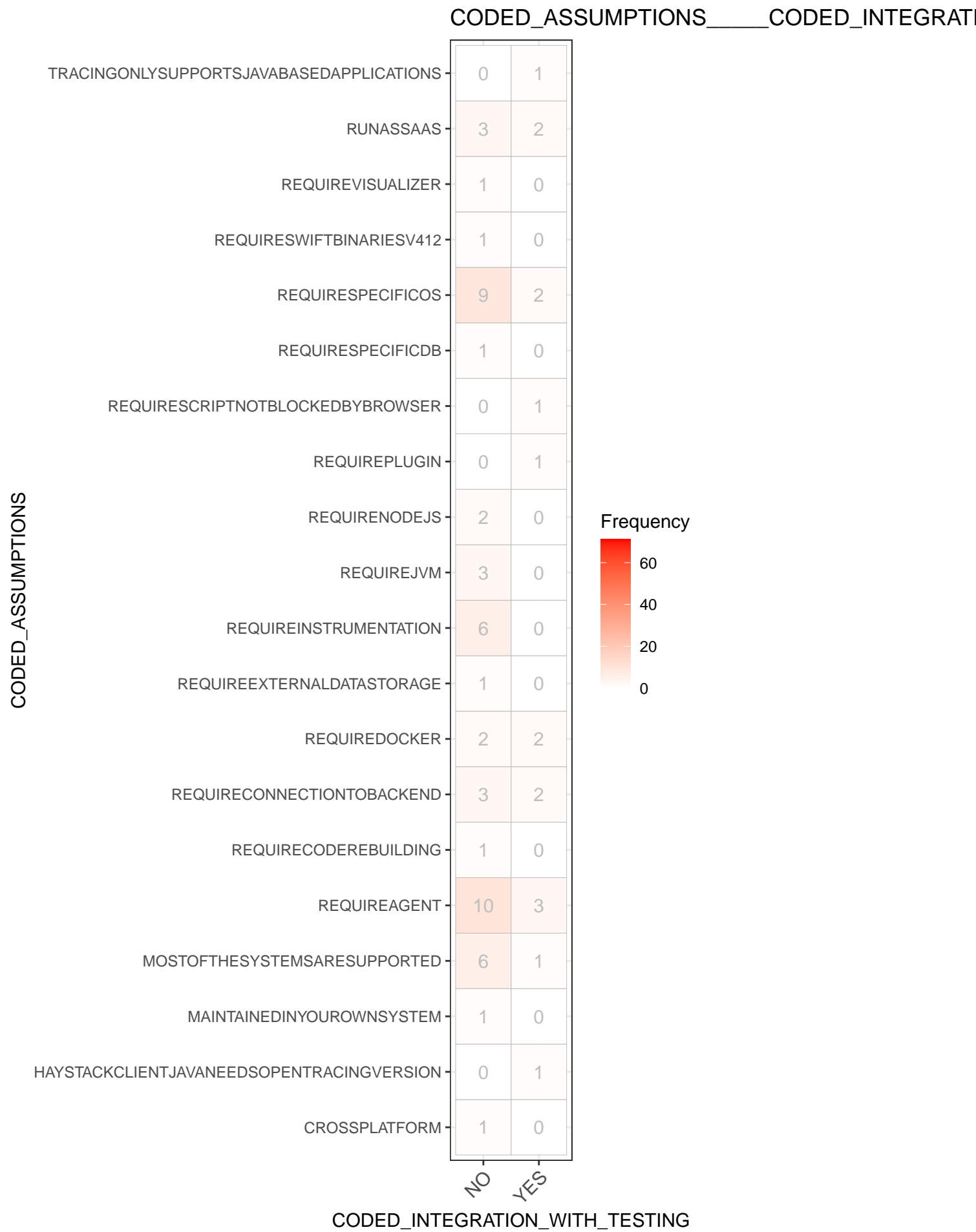
CODED_TARGET_QUALITY_ATTRIBUTE











CODED_ASSUMPTIONS_____ADDRESSED_CHALLENGES

CODED_ASSUMPTIONS

TRACINGONLYSUPPORTSJAVABASEDAPPLICATIONS

RUNASSAAS

REQUIREVISUALIZER

REQUIRESWIFTBINARIESV412

REQUIRESPECIFICOS

REQUIRESPECIFICDB

REQUIRESCRIPTNOTBLOCKEDBYBROWSER

REQUIREPLUGIN

REQUIRENODEJS

REQUIREJVM

REQUIREINSTRUMENTATION

REQUIREEXTERNALDATASTORAGE

REQUIREDOCKER

REQUIRECONNECTIONTOBACKEND

REQUIRECODEREBUILDING

REQUIREAGENT

MOSTOFTHESYSTEMSARESUPPORTED

MAINTAINEDINYOUROWNSYSTEM

HAYSTACKCLIENTJAVANEEDSOPENTRACINGVERSION

CROSSPLATFORM

1	1	1	1	1	1	1	1	1
5	3	5	5	3	4	4	5	5
0	0	1	1	1	0	0	0	0
1	0	0	0	0	0	0	0	0
8	6	5	8	6	4	4	5	4
1	0	1	1	0	0	1	1	0
1	0	0	1	1	0	0	0	1
0	0	0	1	1	1	0	0	0
1	2	1	2	1	1	0	1	0
1	1	1	2	1	2	1	1	0
4	5	5	6	5	0	3	4	1
0	0	1	1	1	1	1	0	0
2	2	3	4	2	0	0	2	0
5	4	4	5	5	1	4	4	4
0	1	1	1	0	0	0	1	0
12	9	10	12	11	6	9	11	6
6	4	6	6	5	6	5	4	2
0	0	0	0	0	0	0	0	1
0	1	0	1	1	0	0	1	0
1	0	1	1	1	1	1	1	0

MC1

MC2

MC3

MC4

MC5

MC6

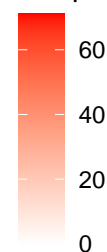
MC7

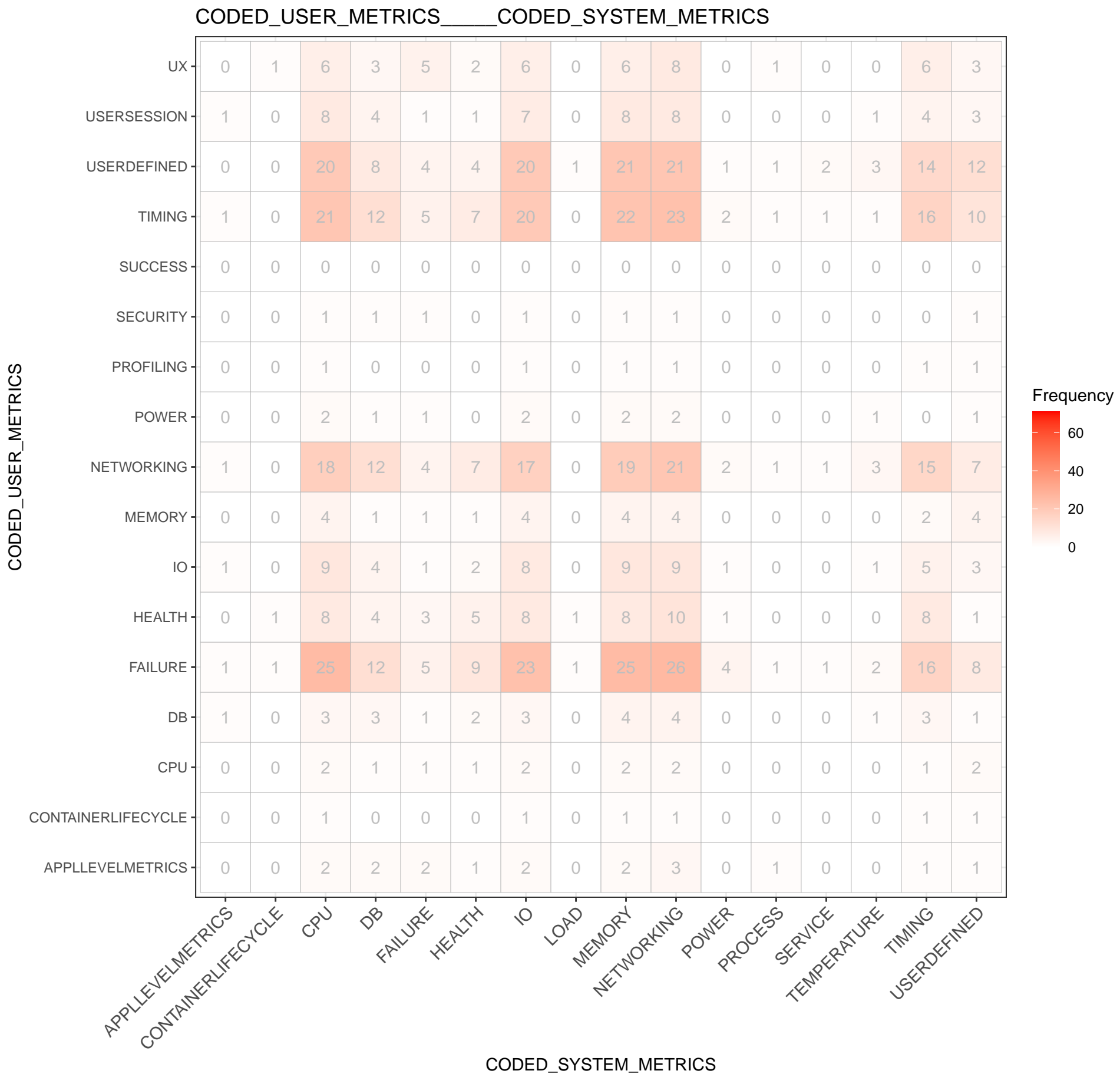
MC8

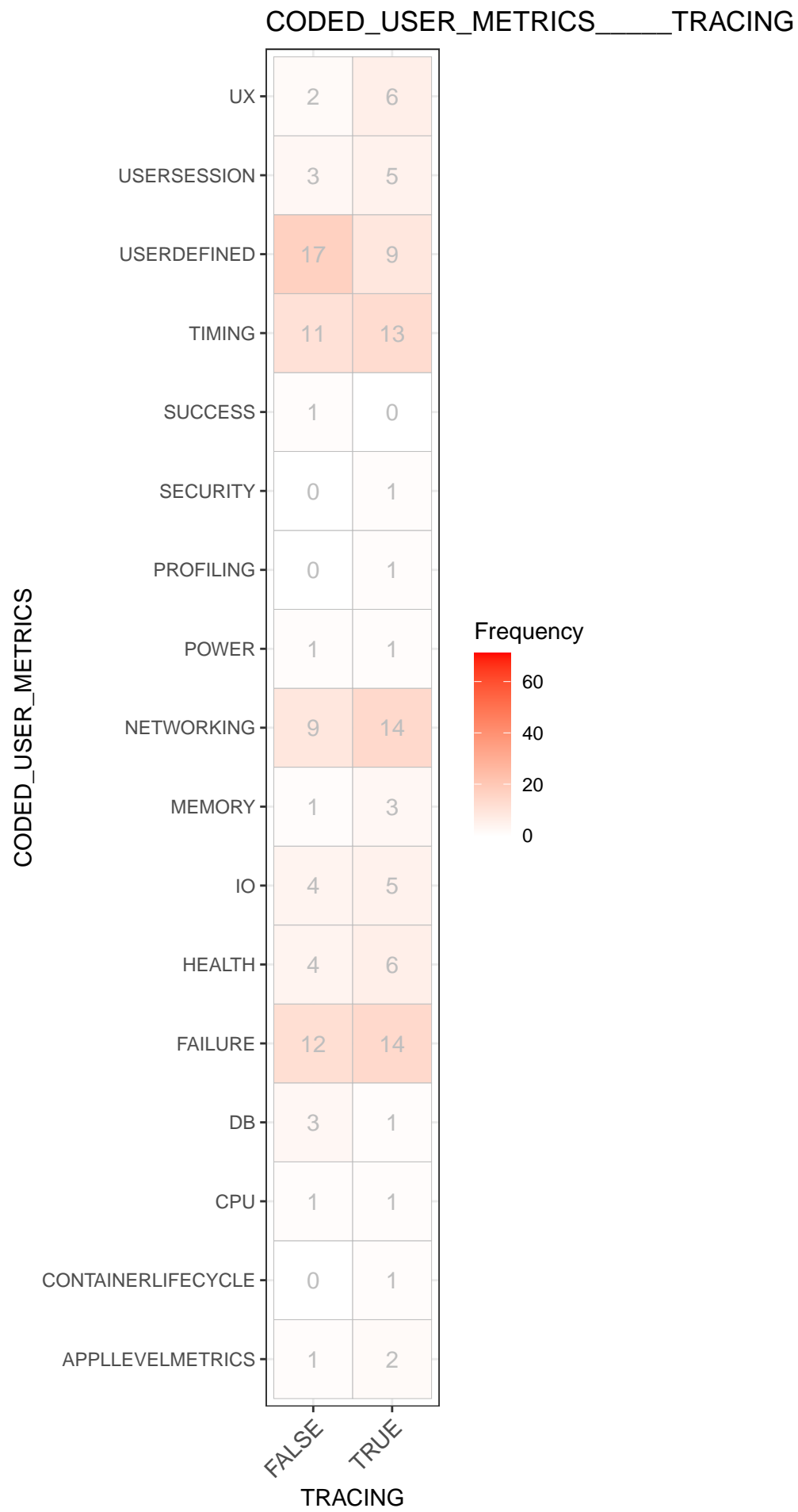
MC9

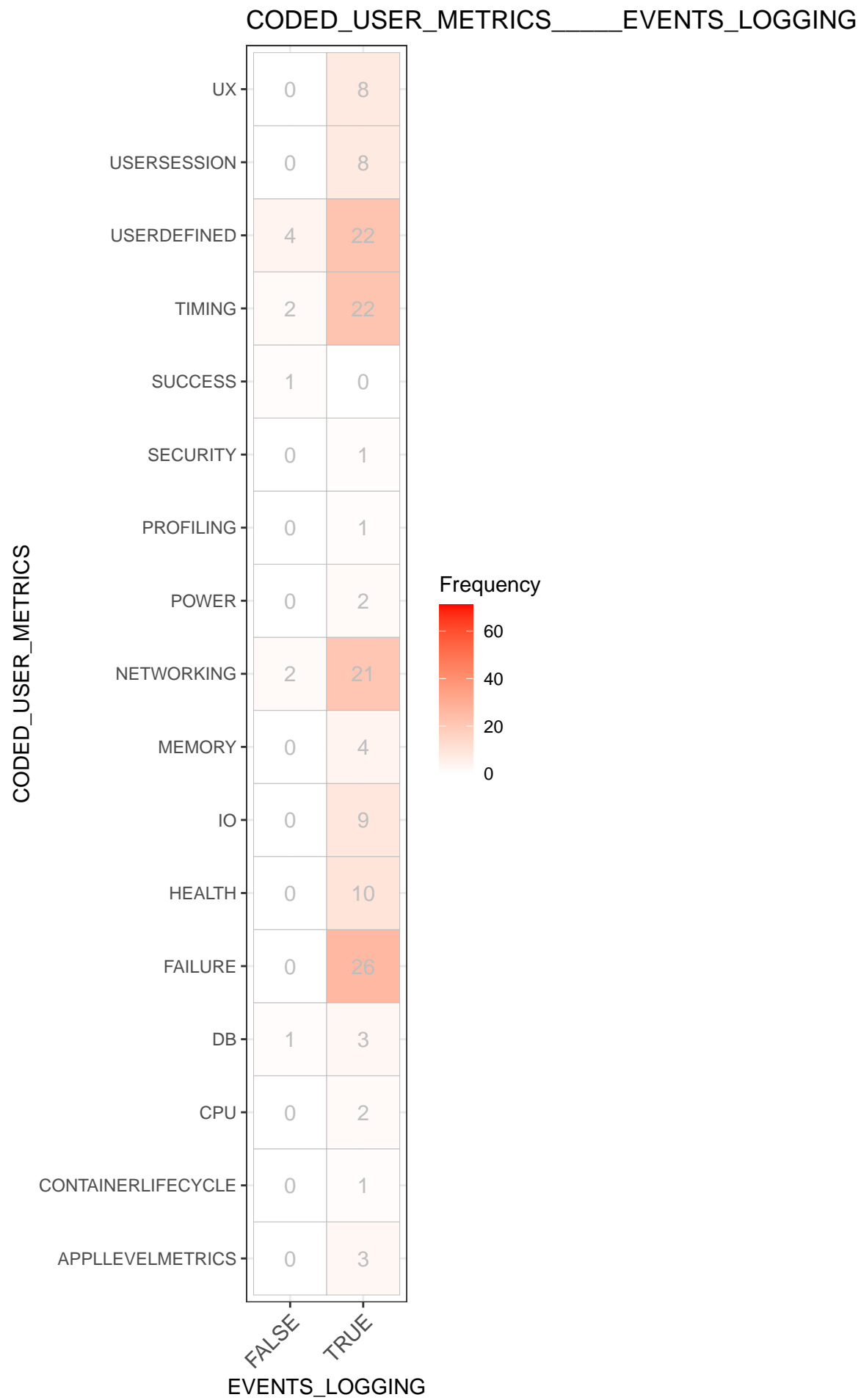
ADDRESSED_CHALLENGES

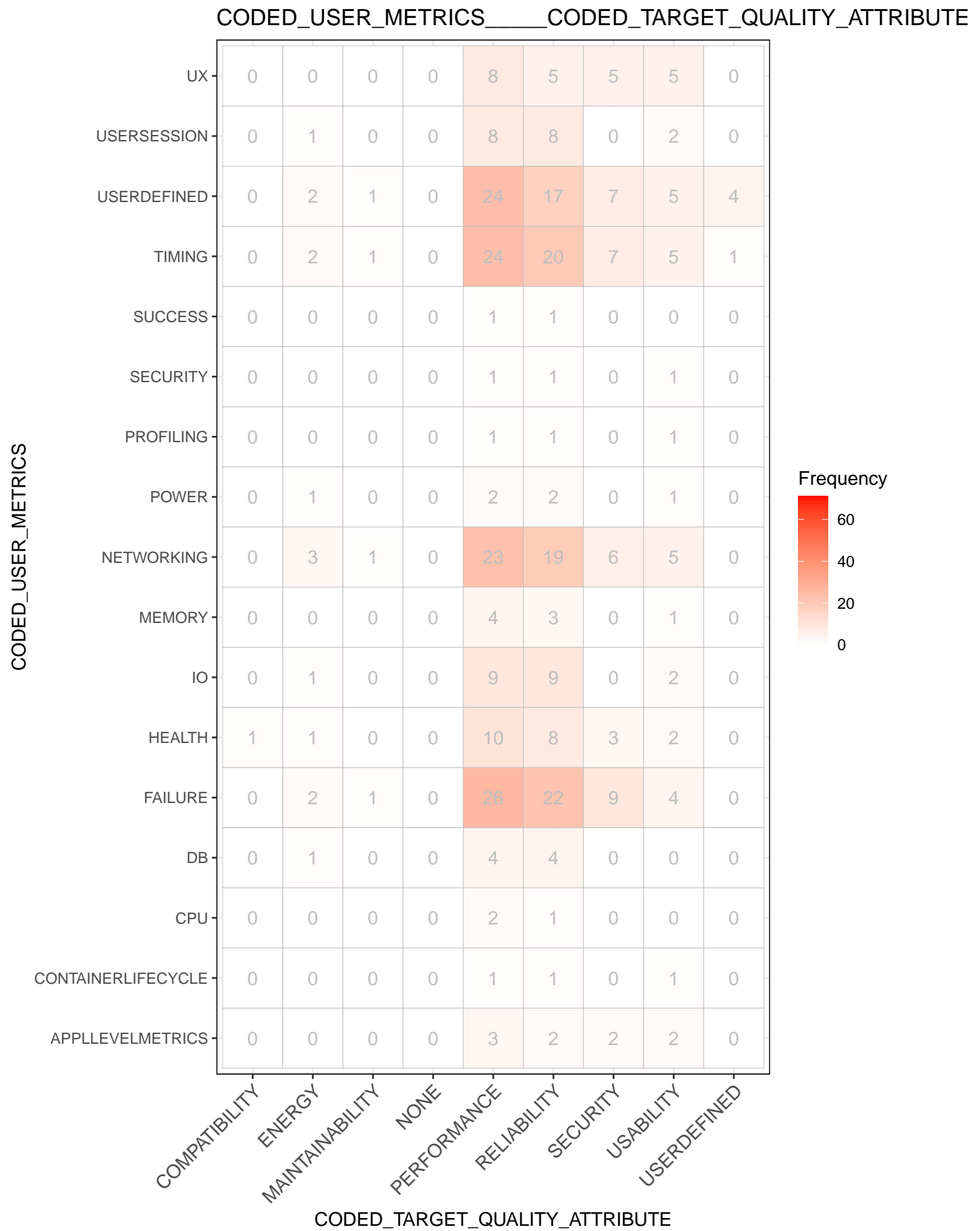
Frequency

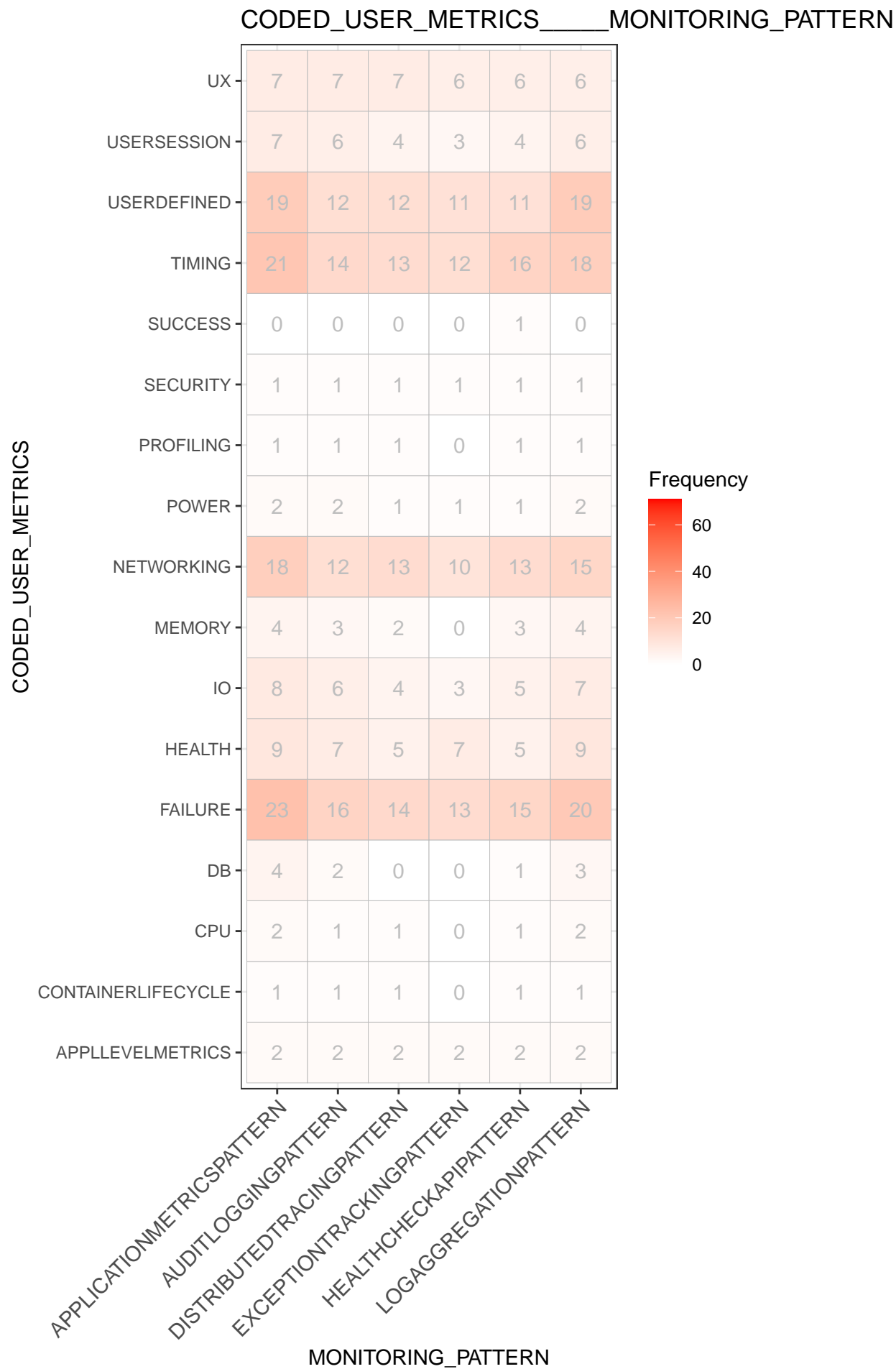


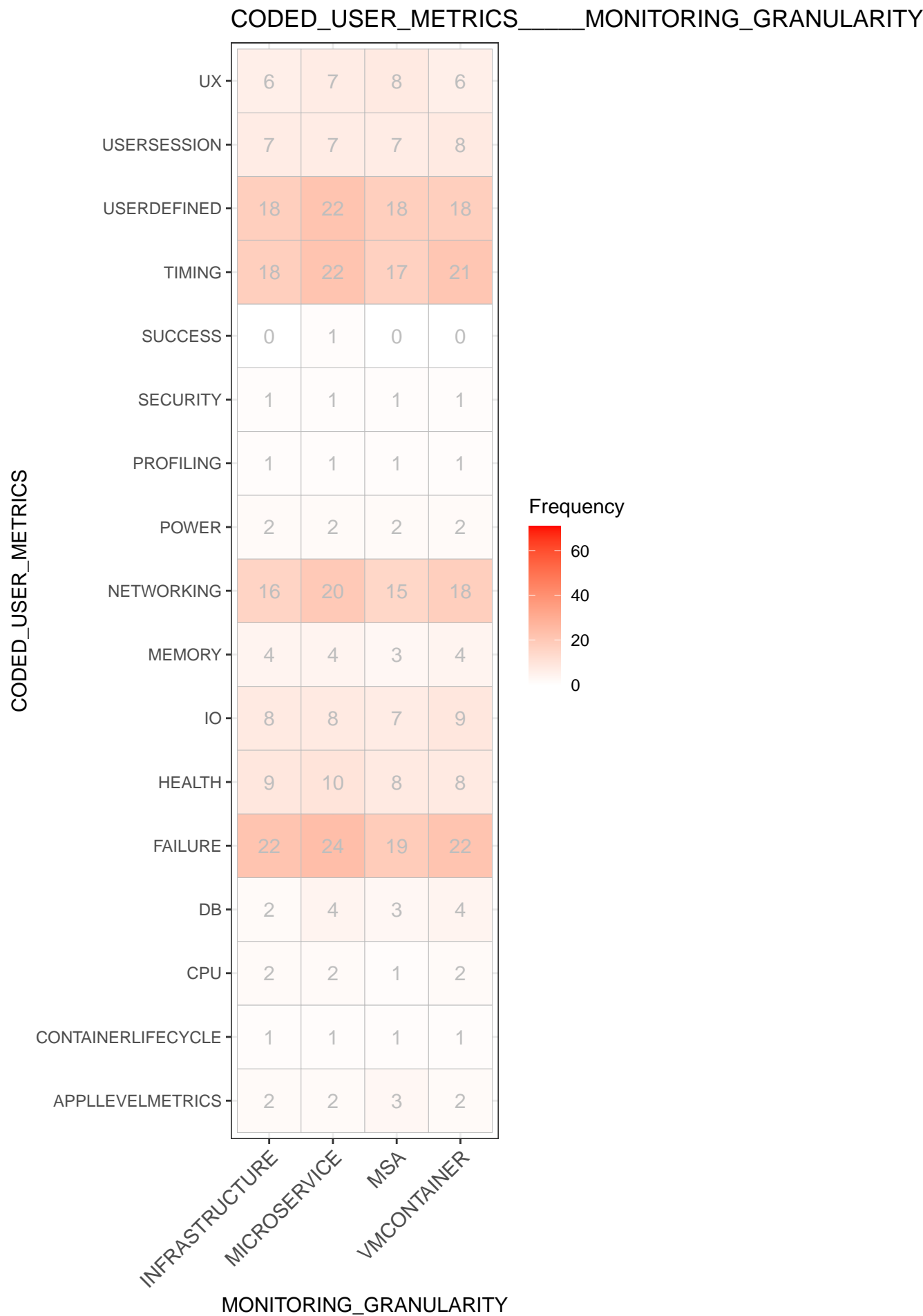








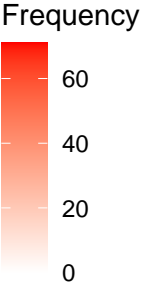




CODED_USER_METRICS_____MONITORING_PRACTICES

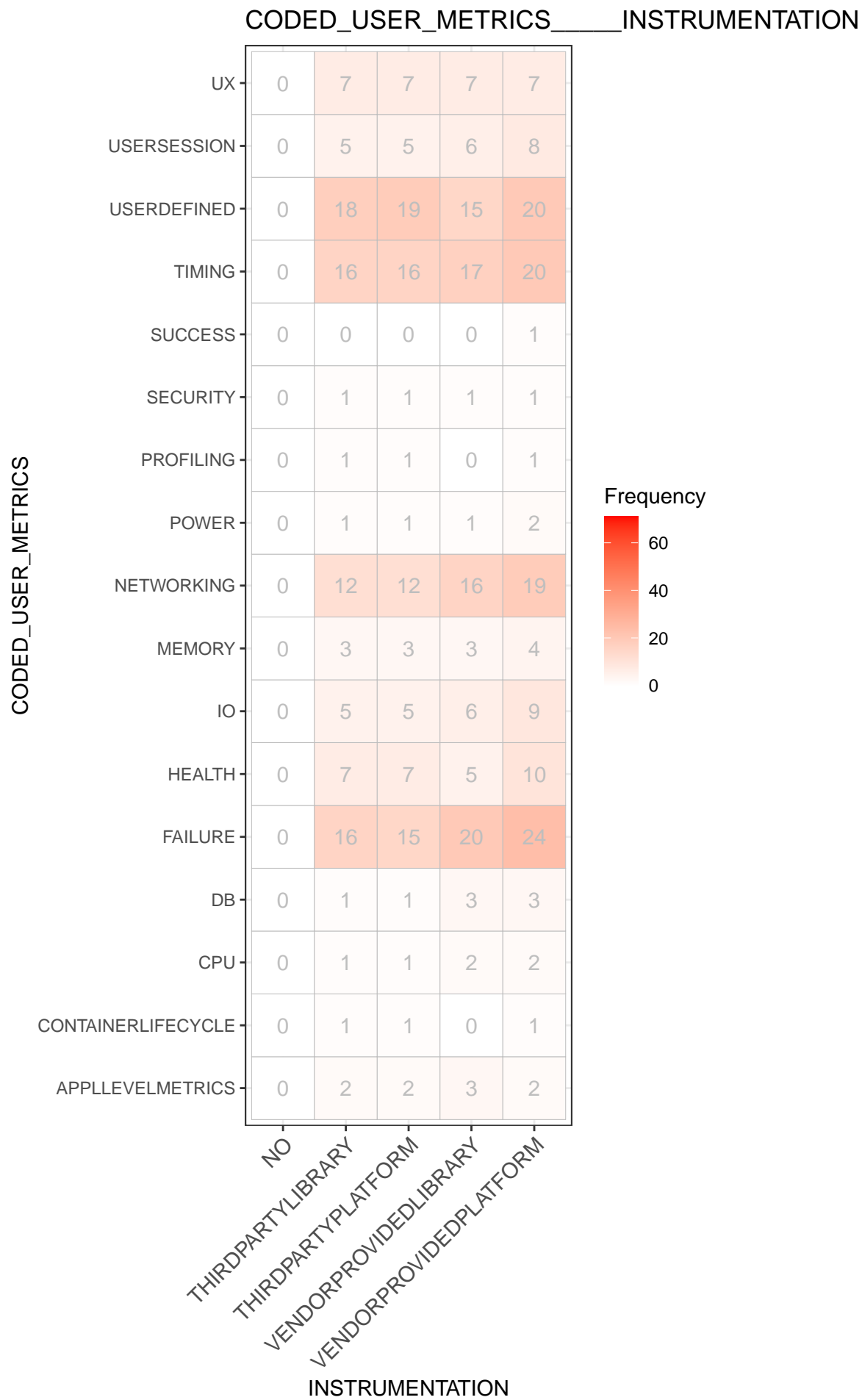
CODED_USER_METRICS

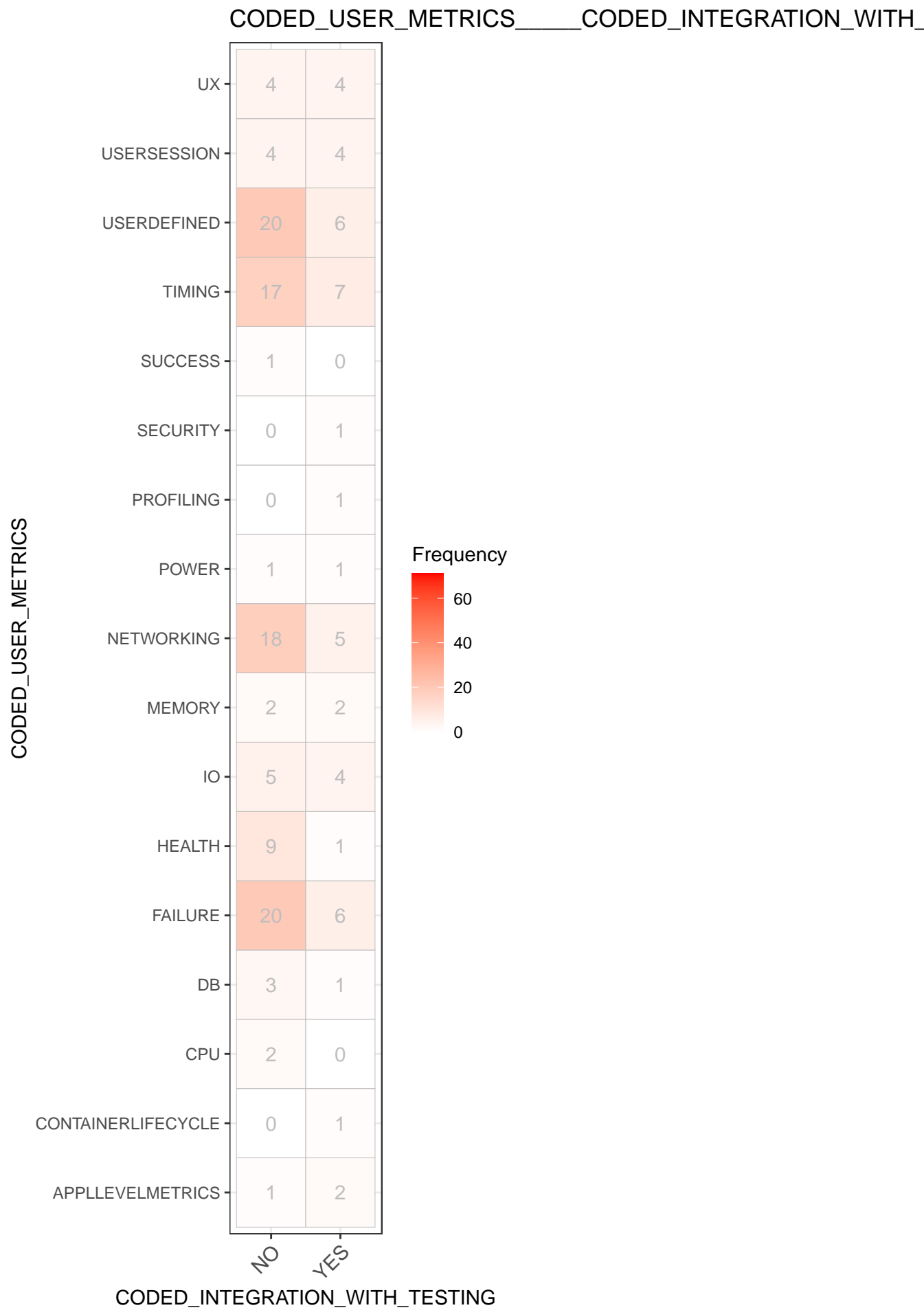
UX	5	0	4	6	0	4	4	0	0	4	0	4
USERSESSION	6	0	3	6	0	4	2	0	2	3	0	4
USERDEFINED	12	1	5	8	2	11	9	1	3	16	2	11
TIMING	14	1	8	12	1	13	16	1	2	14	2	14
SUCCESS	0	0	0	0	0	0	1	0	0	0	0	1
SECURITY	1	0	1	1	0	1	0	0	0	1	0	1
PROFILING	1	0	1	1	0	0	0	0	0	1	0	0
POWER	2	0	1	1	0	1	0	0	1	1	0	1
NETWORKING	12	1	8	12	1	11	12	1	3	12	1	12
MEMORY	3	0	2	2	1	1	2	0	0	3	0	1
IO	6	0	3	6	0	4	3	0	2	4	0	4
HEALTH	7	0	3	5	0	7	5	0	2	7	0	7
FAILURE	14	1	7	13	1	13	16	1	3	15	1	13
DB	2	0	1	1	0	0	1	0	2	1	0	0
CPU	1	0	1	0	1	0	1	0	0	2	0	0
CONTAINERLIFECYCLE	1	0	1	1	0	0	0	0	0	1	0	0
APPLLEVELMETRICS	2	0	2	2	0	2	1	0	0	2	0	2

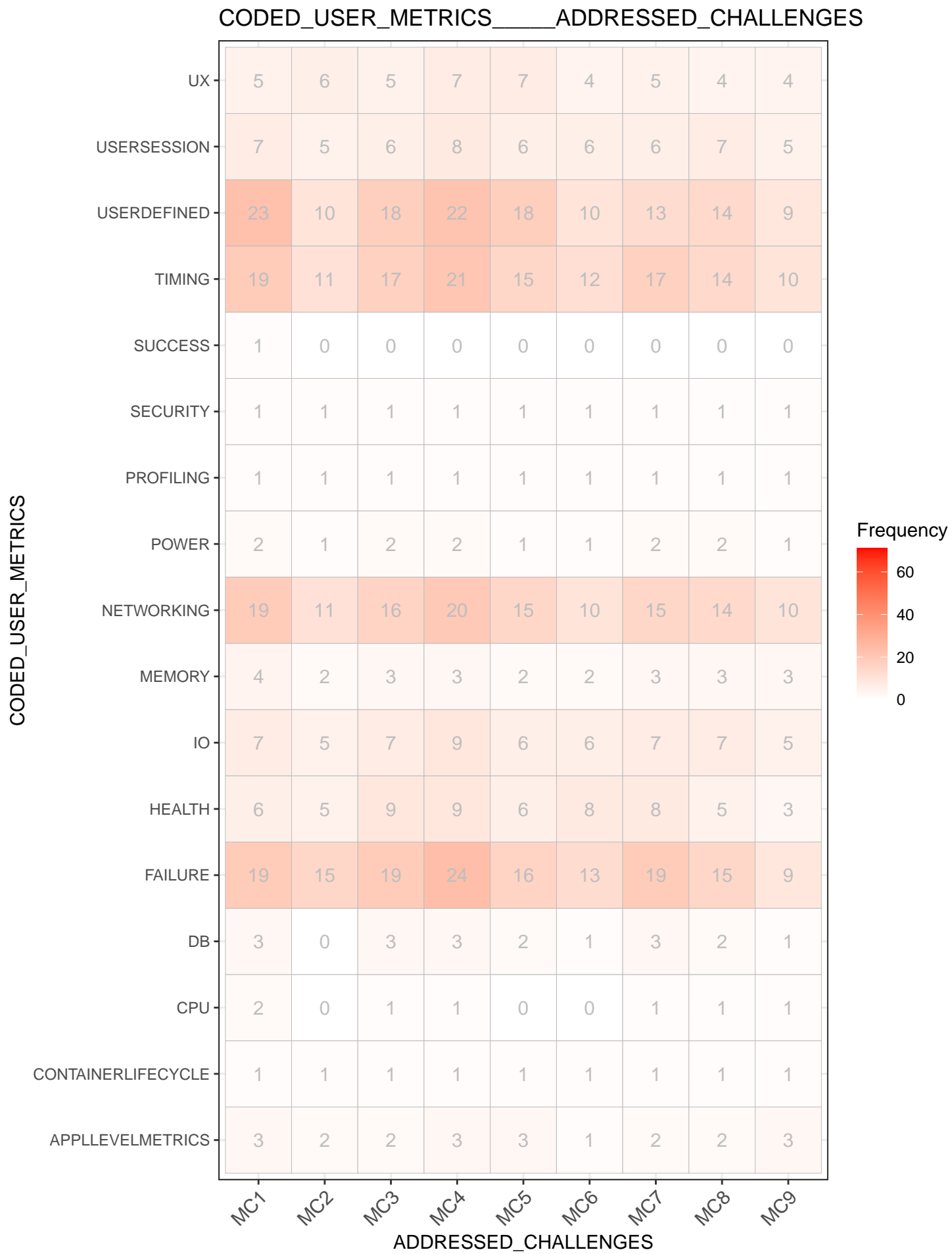


MONITORING_PRACTICES

AUDITLOGGING
DATABASETRACKING
DEPLOYMENTLOGGING
DISTRIBUTEDTRACING
EVENTLOGGER
EXCEPTIONTRACKING
HEALTHCHECKAPI
IOTTRACKING
LOGAGGREGATION
LOGMANAGEMENT
REQUESTTRACKING
TRACKING

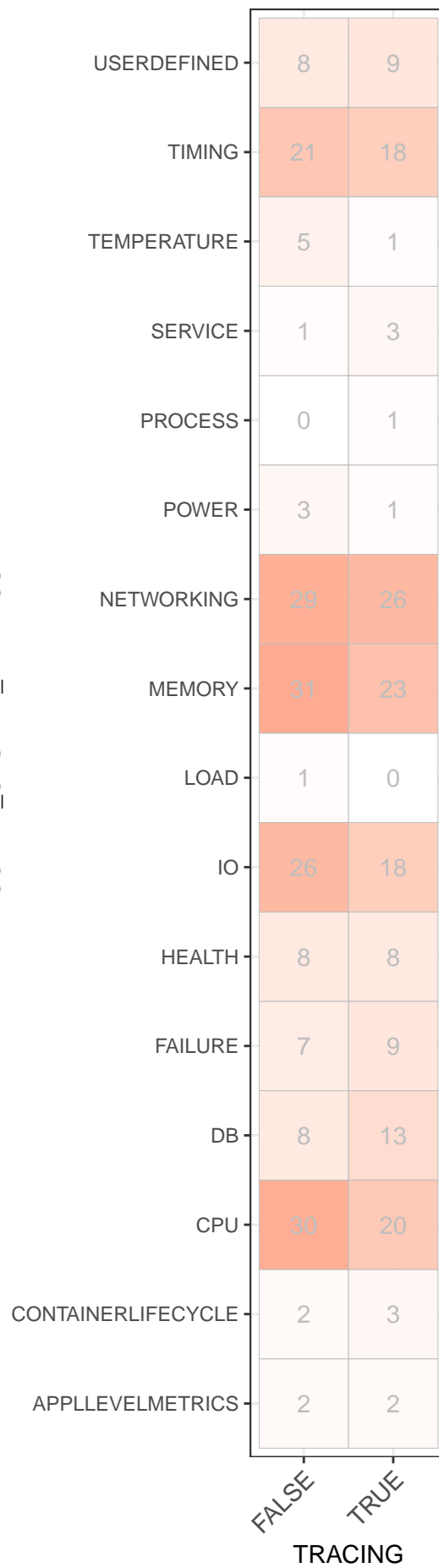




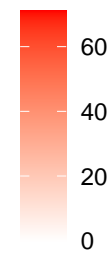


CODED_SYSTEM_METRICS_____TRACING

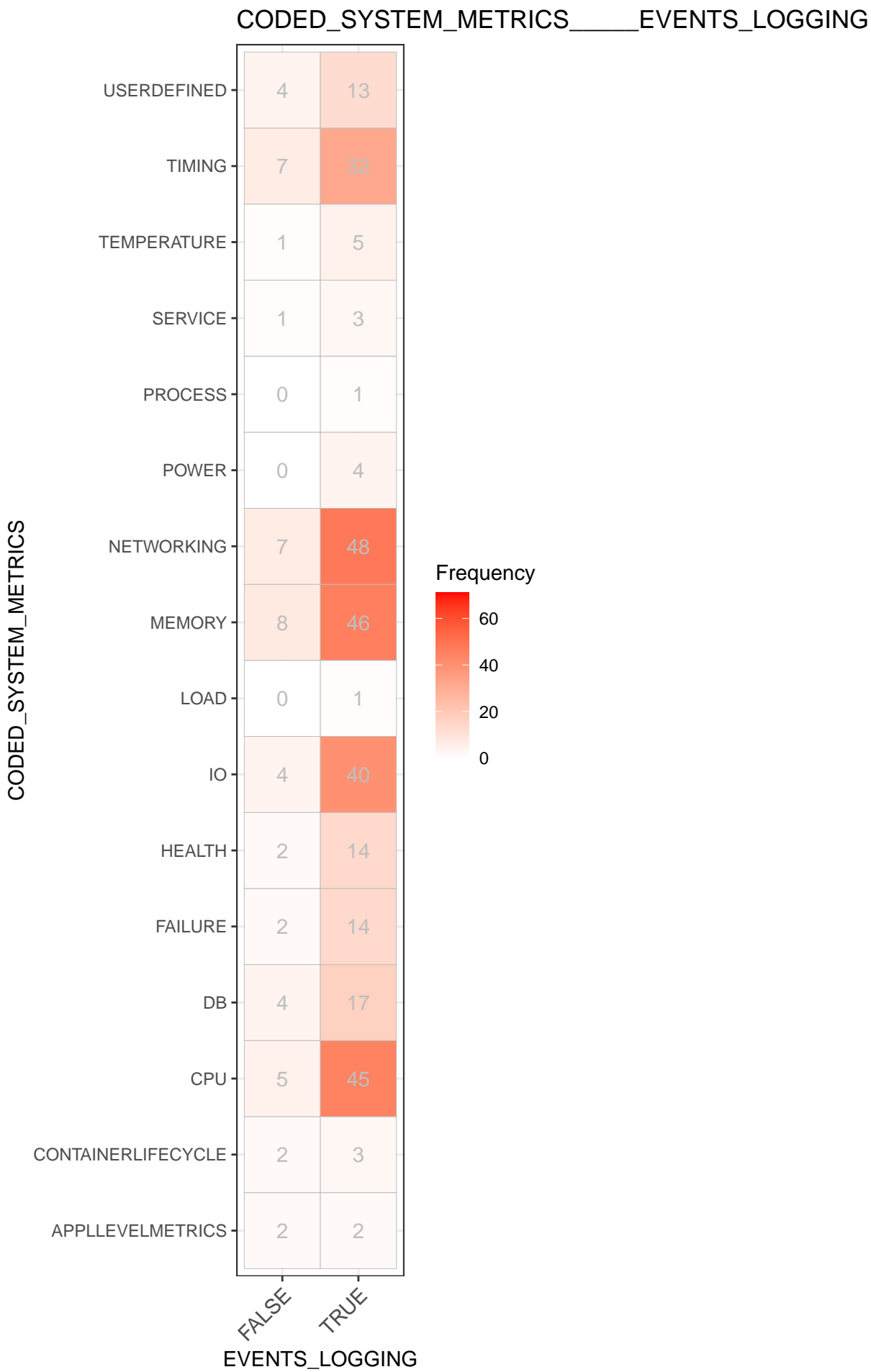
CODED_SYSTEM_METRICS

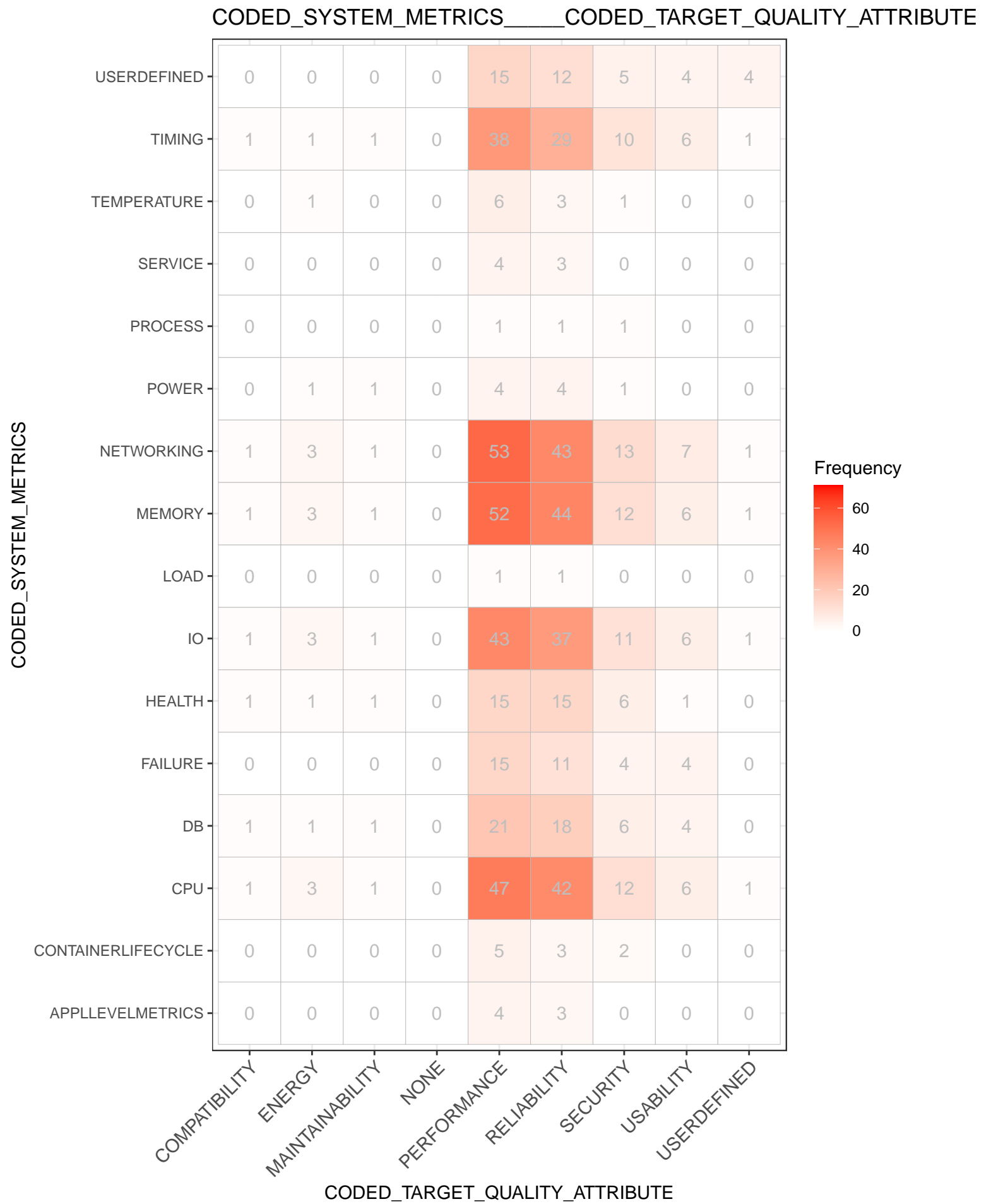


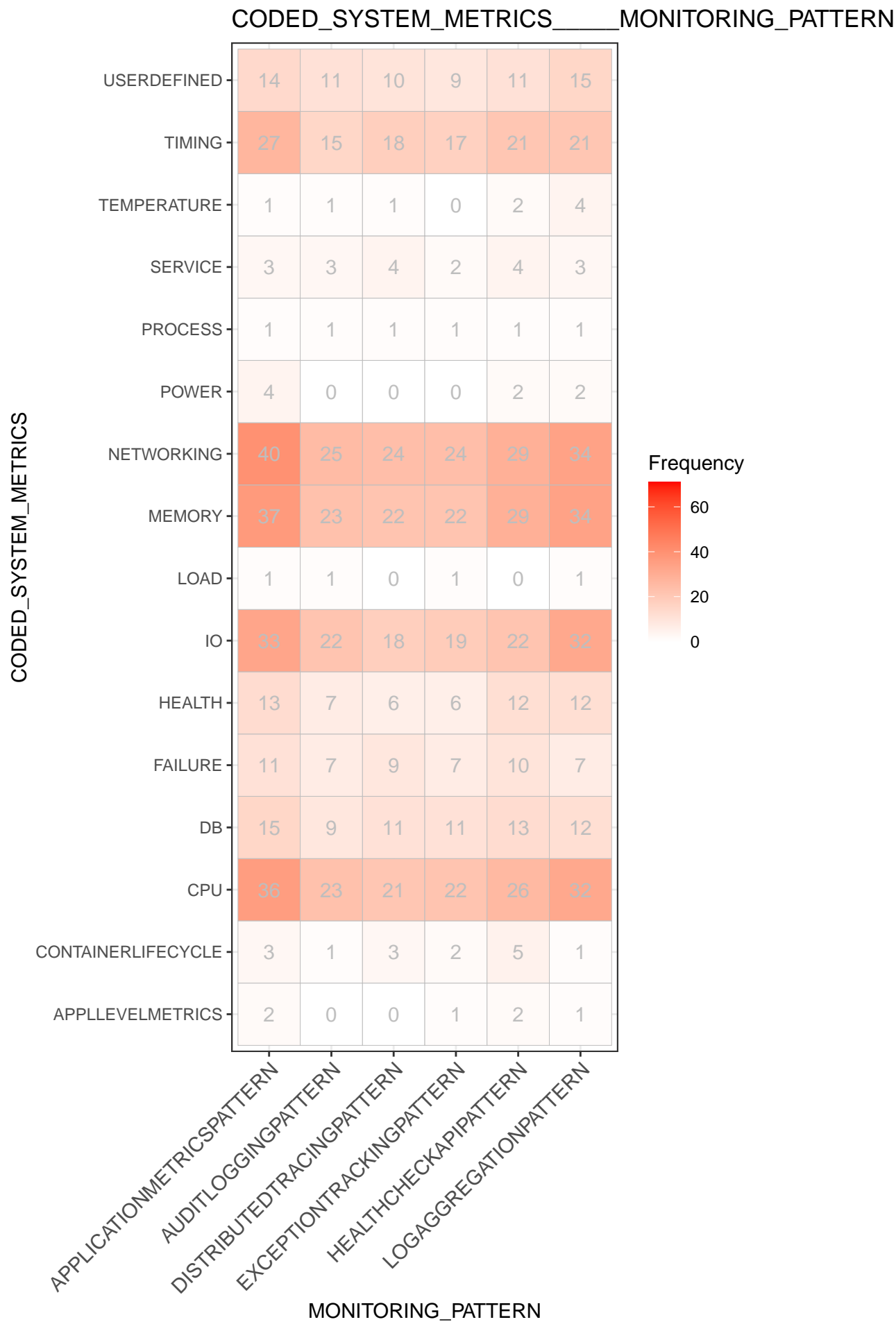
Frequency

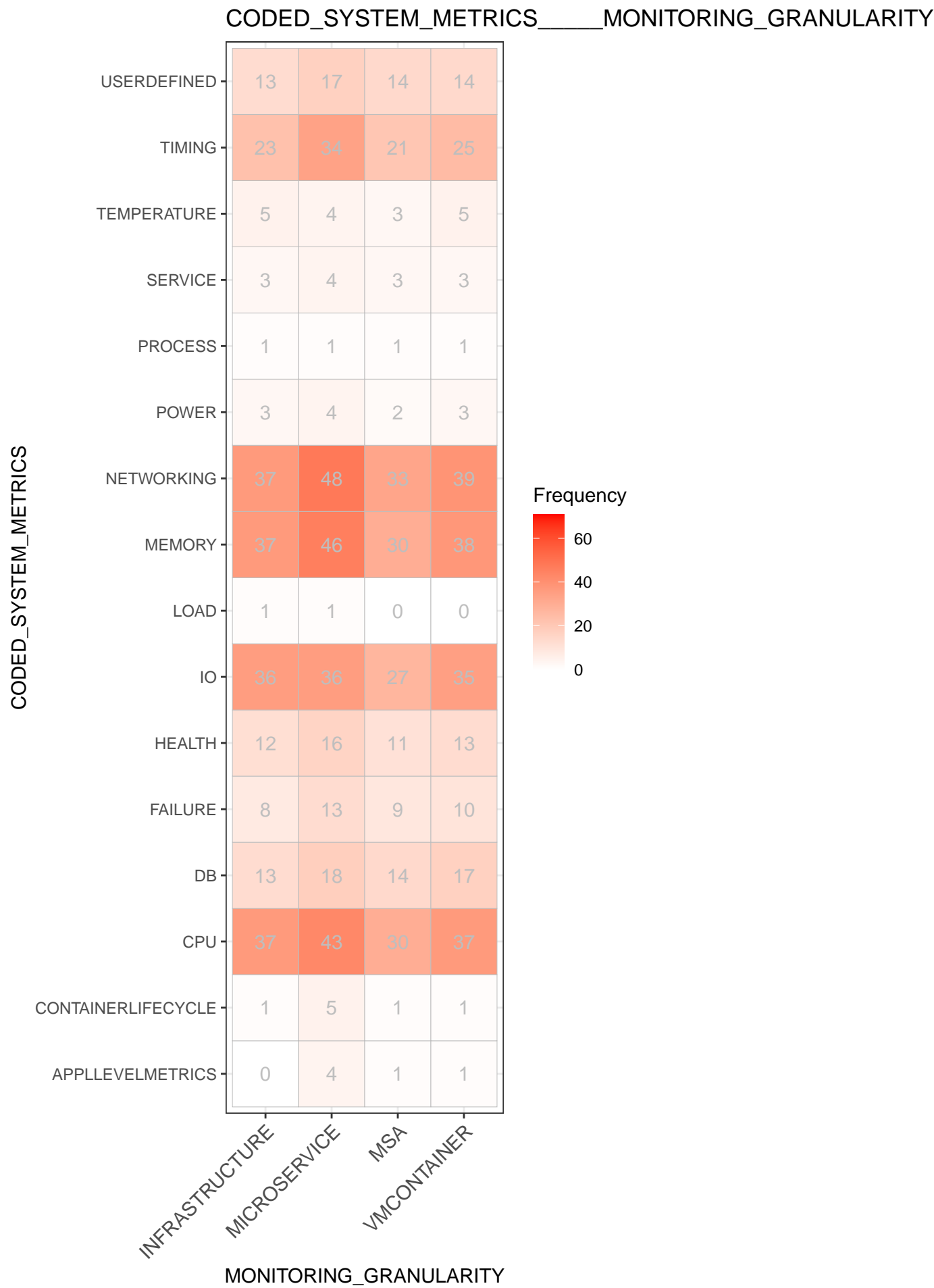


FALSE
TRUE
TRACING



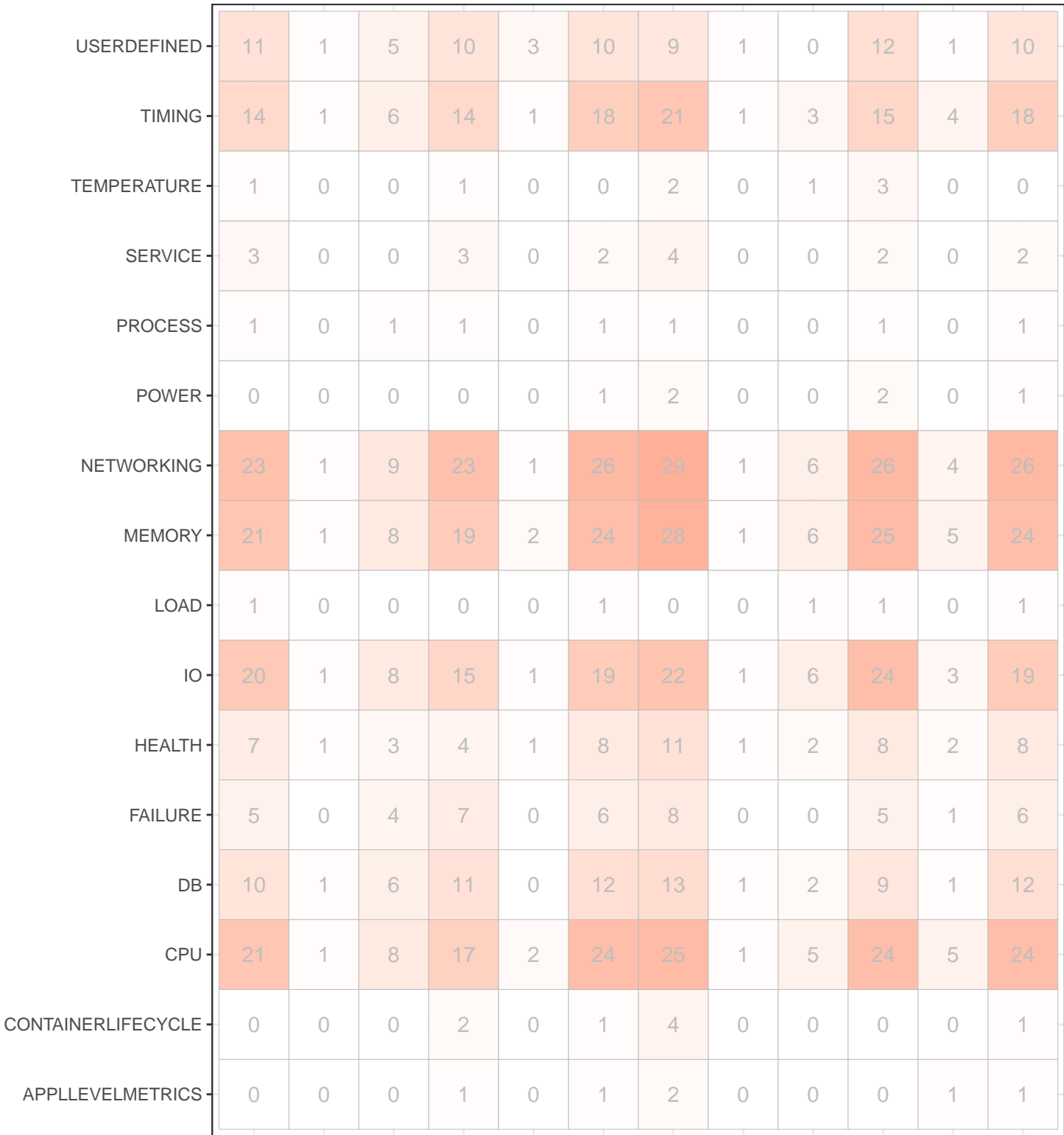




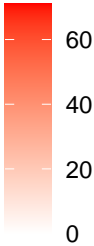


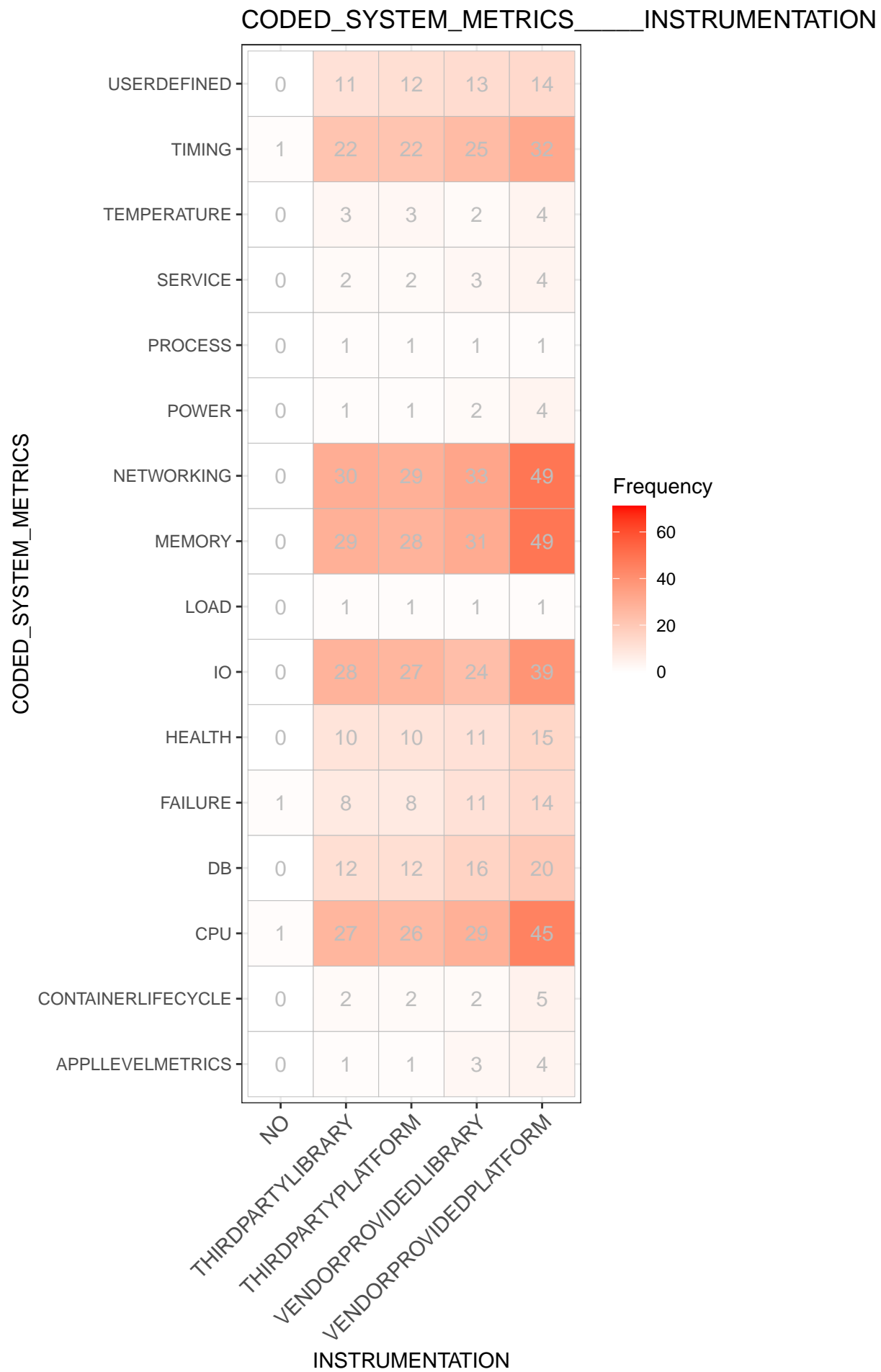
CODED_SYSTEM_METRICS_____MONITORING_PRACTICES

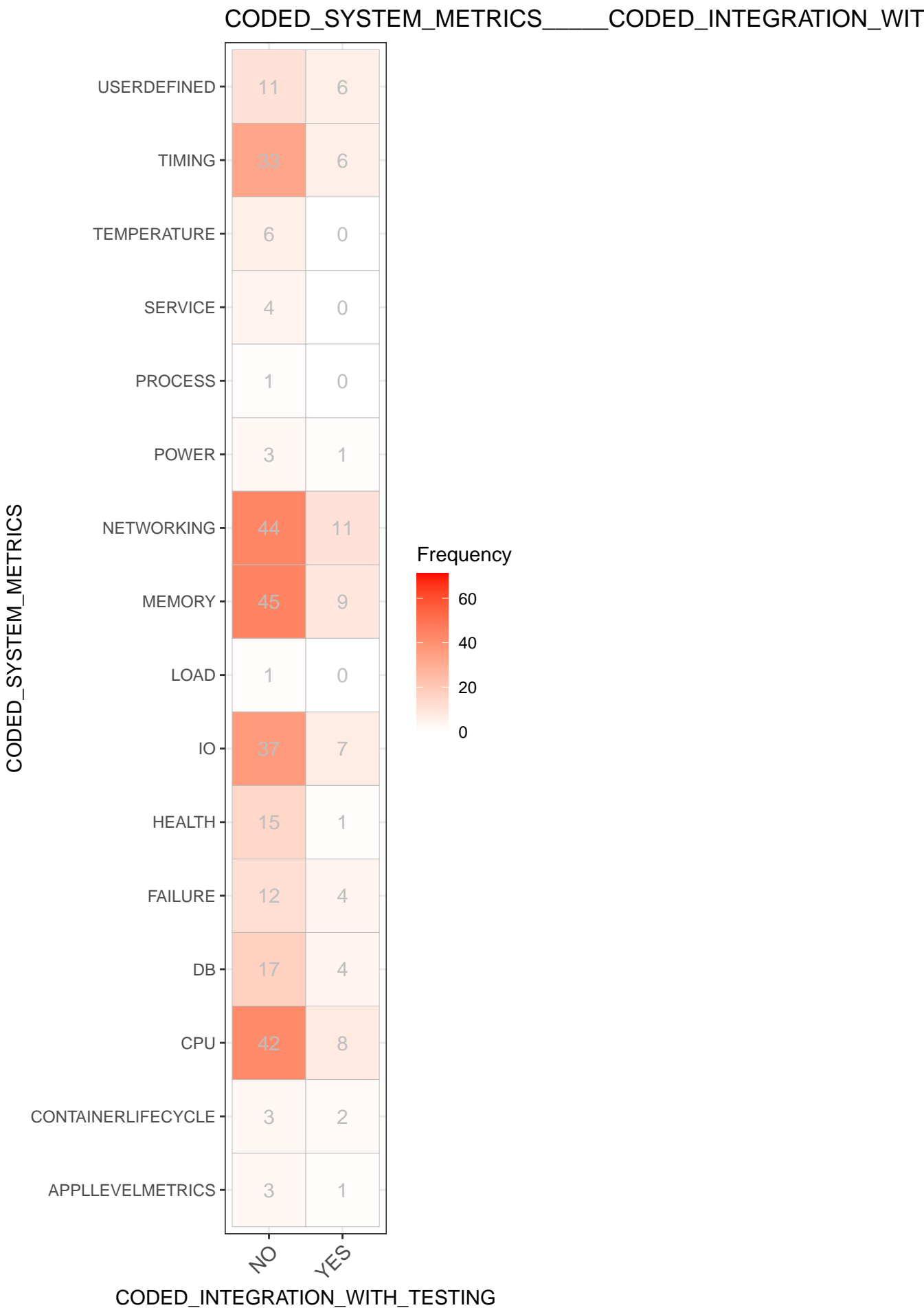
CODED_SYSTEM_METRICS

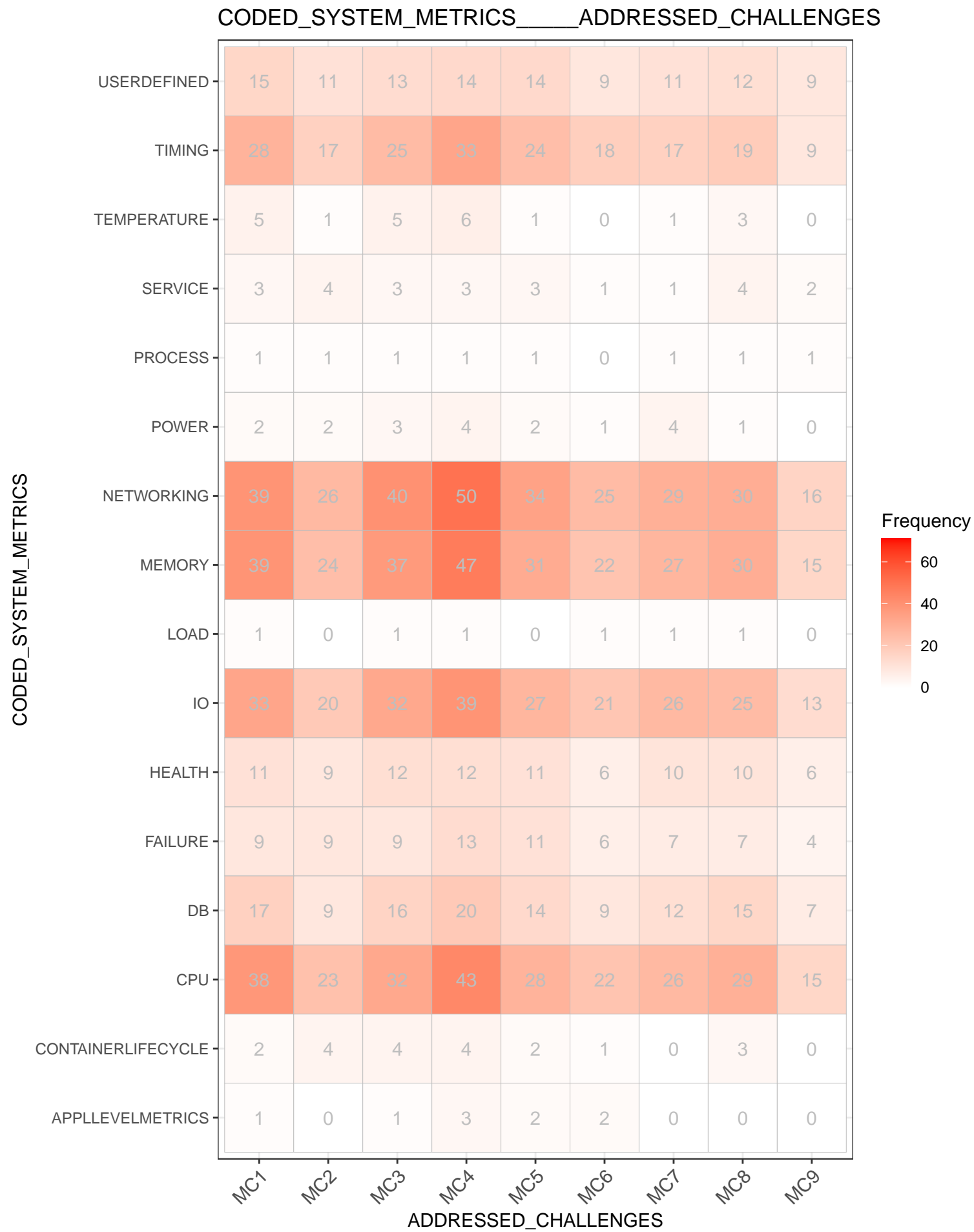


Frequency

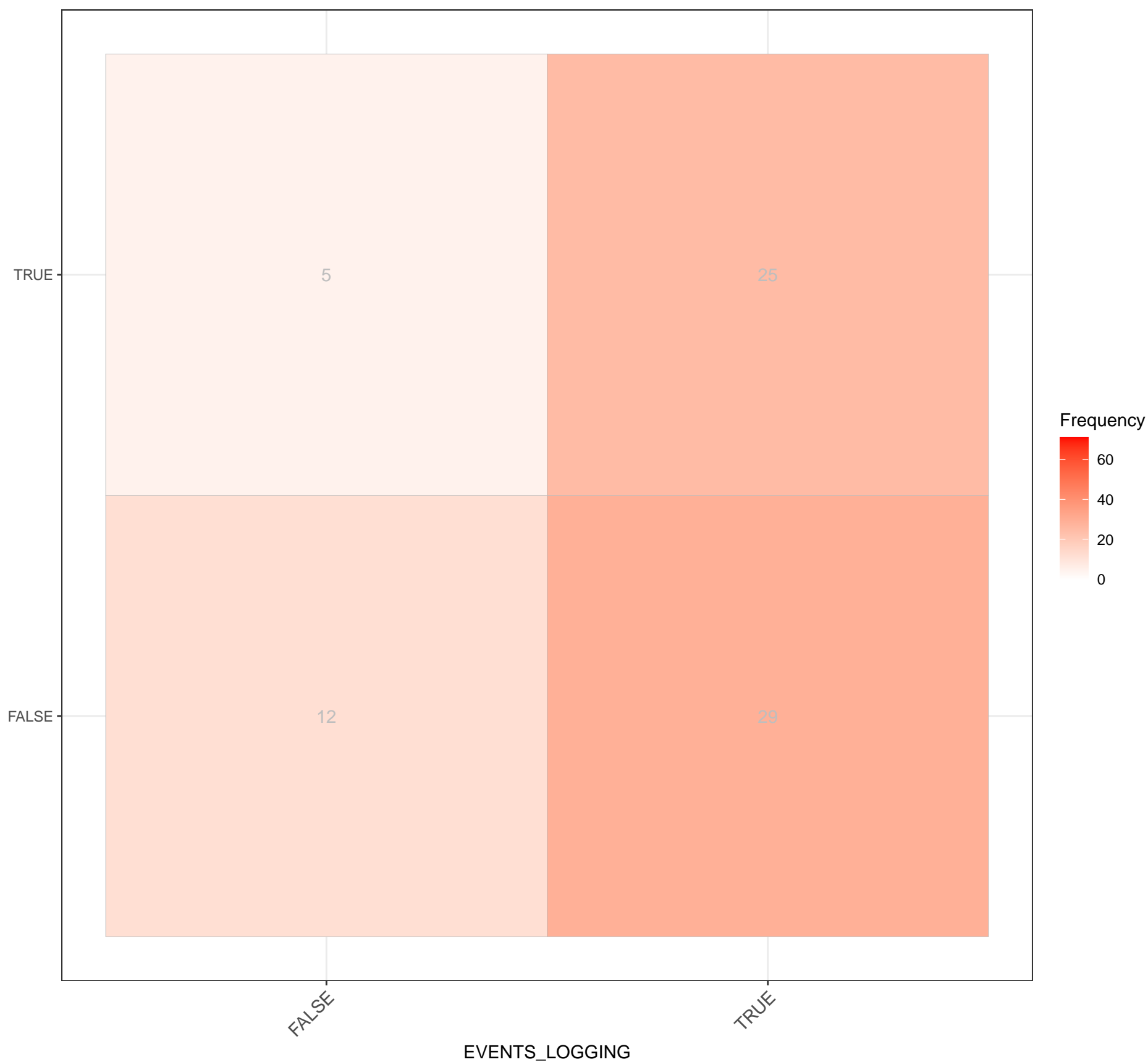


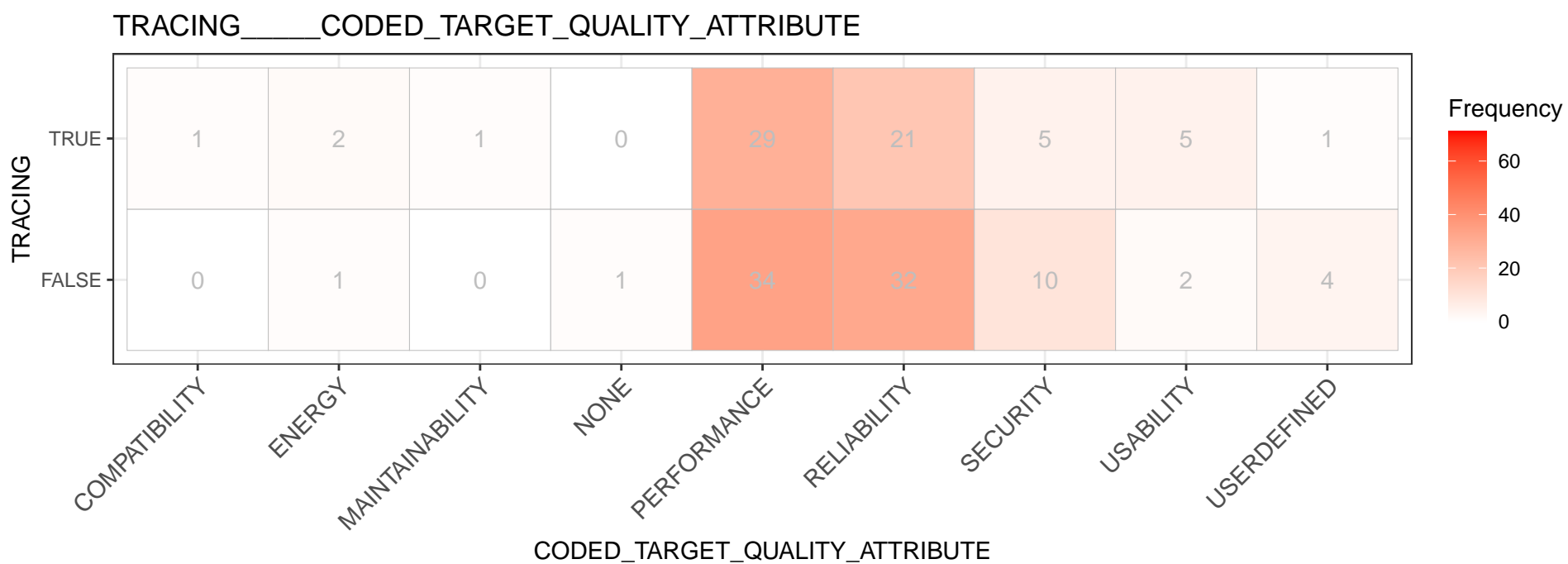


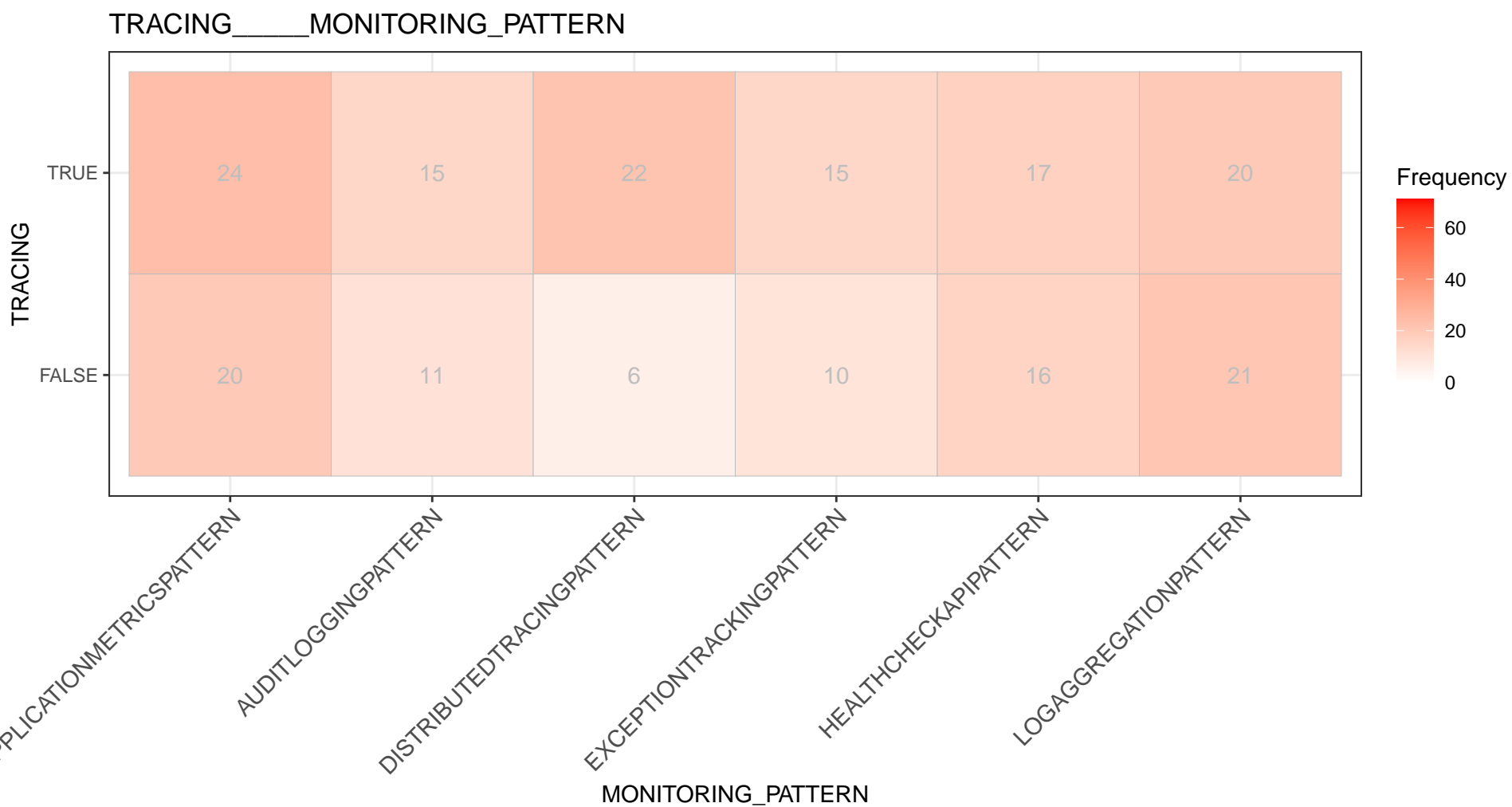


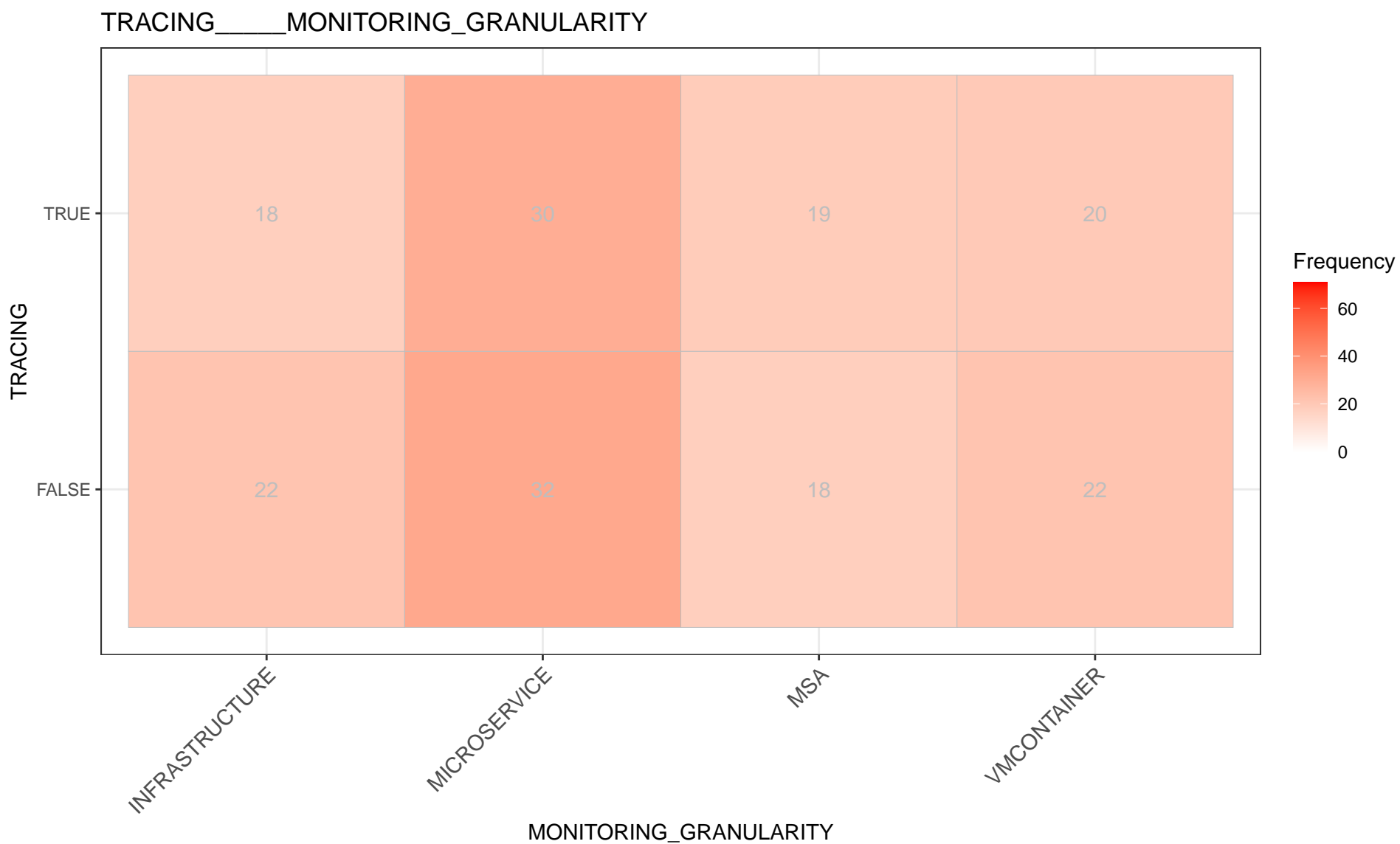


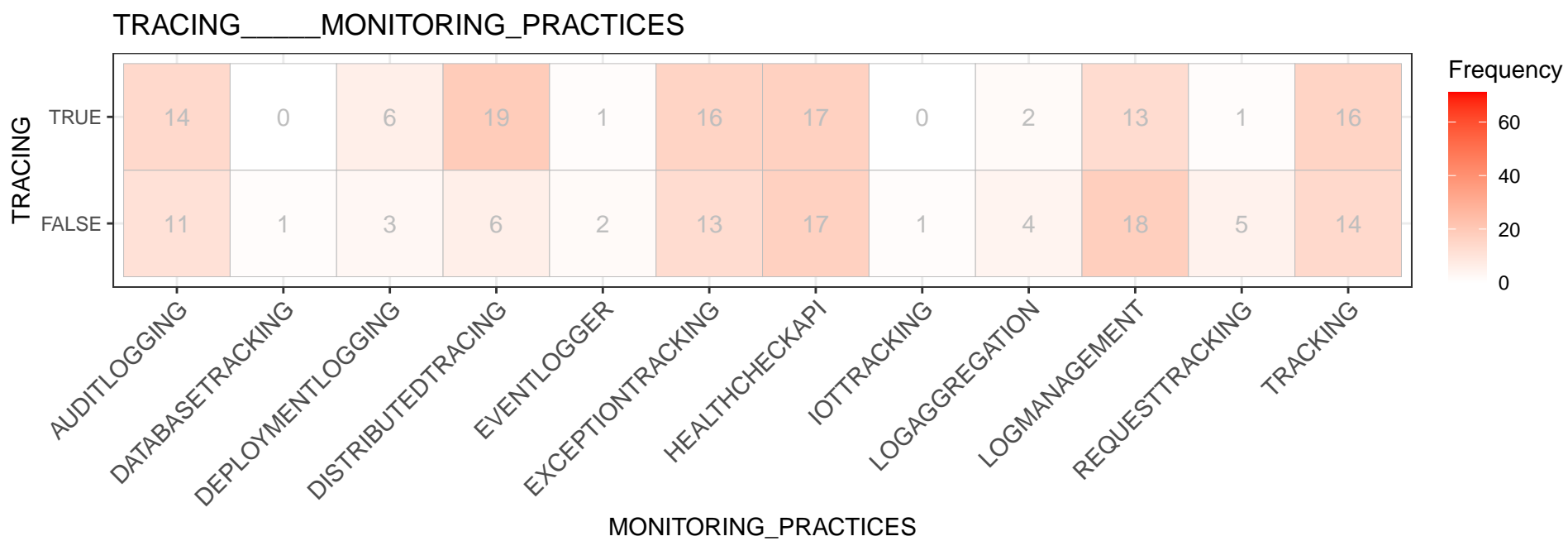
TRACING_____EVENTS_LOGGING

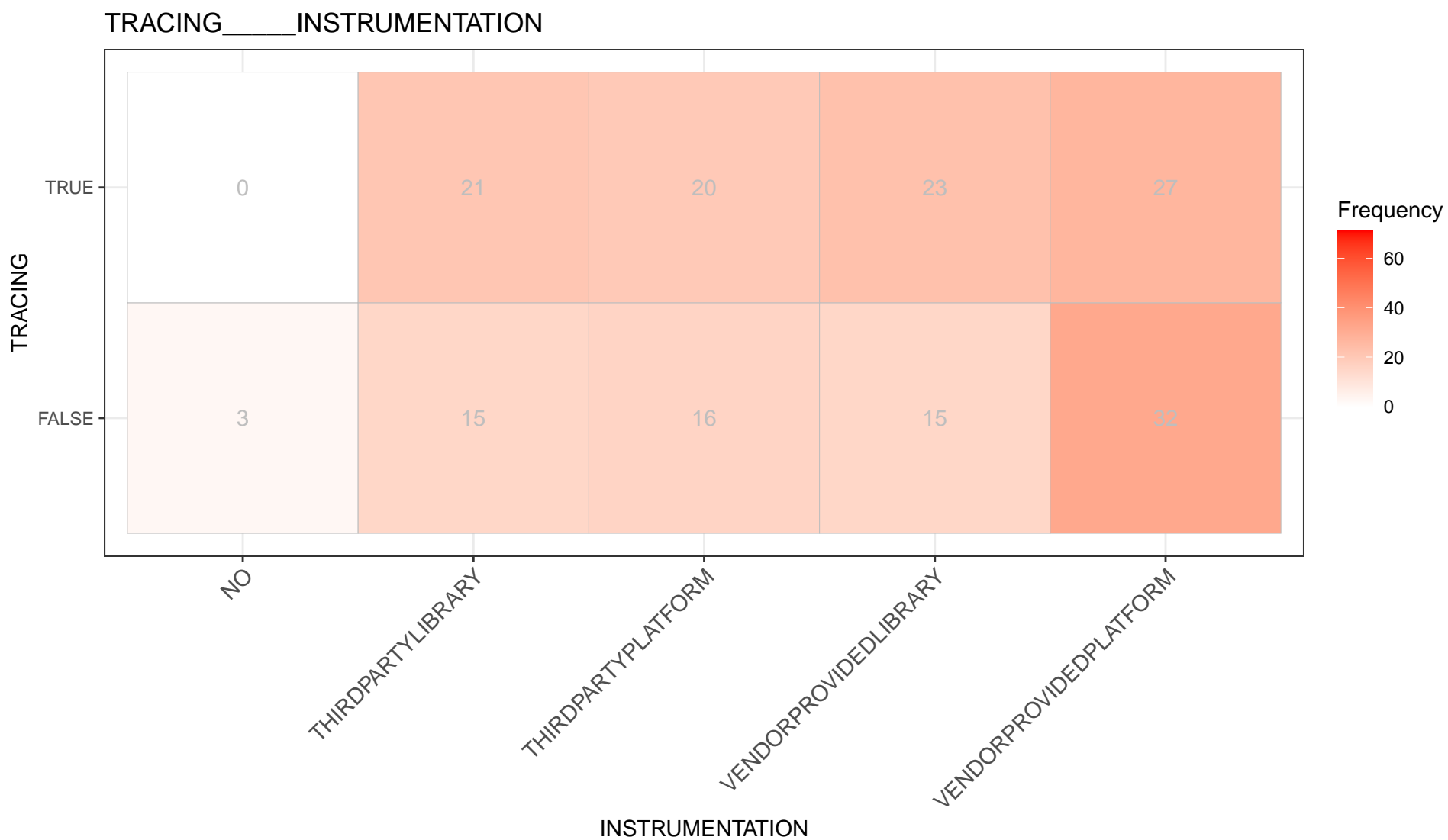












TRACING_____CODED_INTEGRATION_WITH_TESTING

TRUE

25

5

TRACING

FALSE

35

6

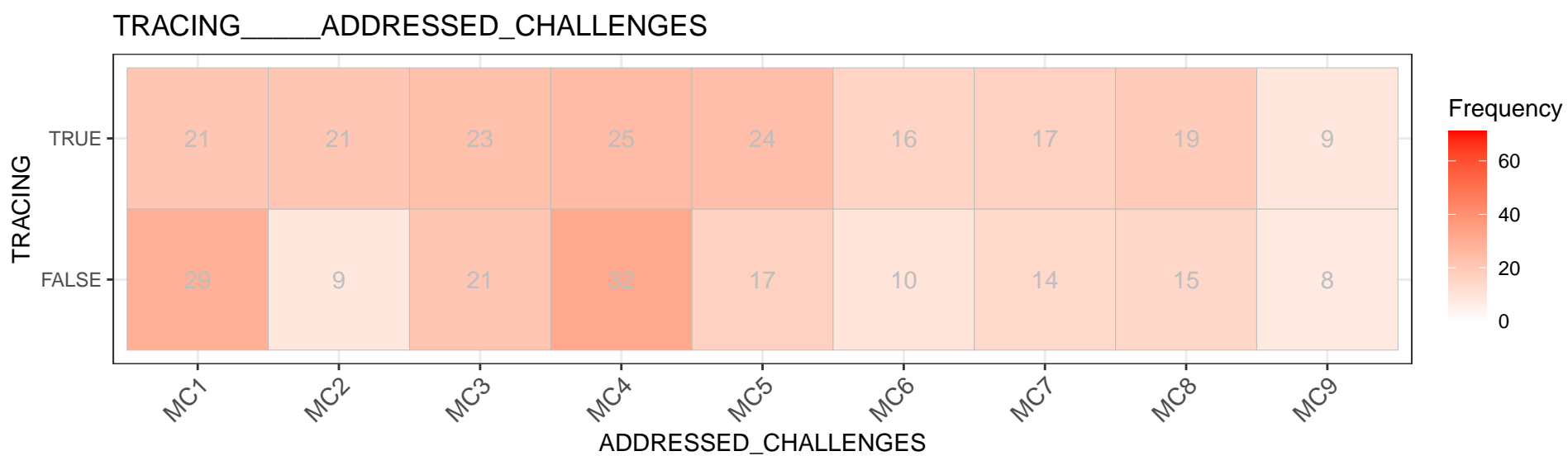
NO

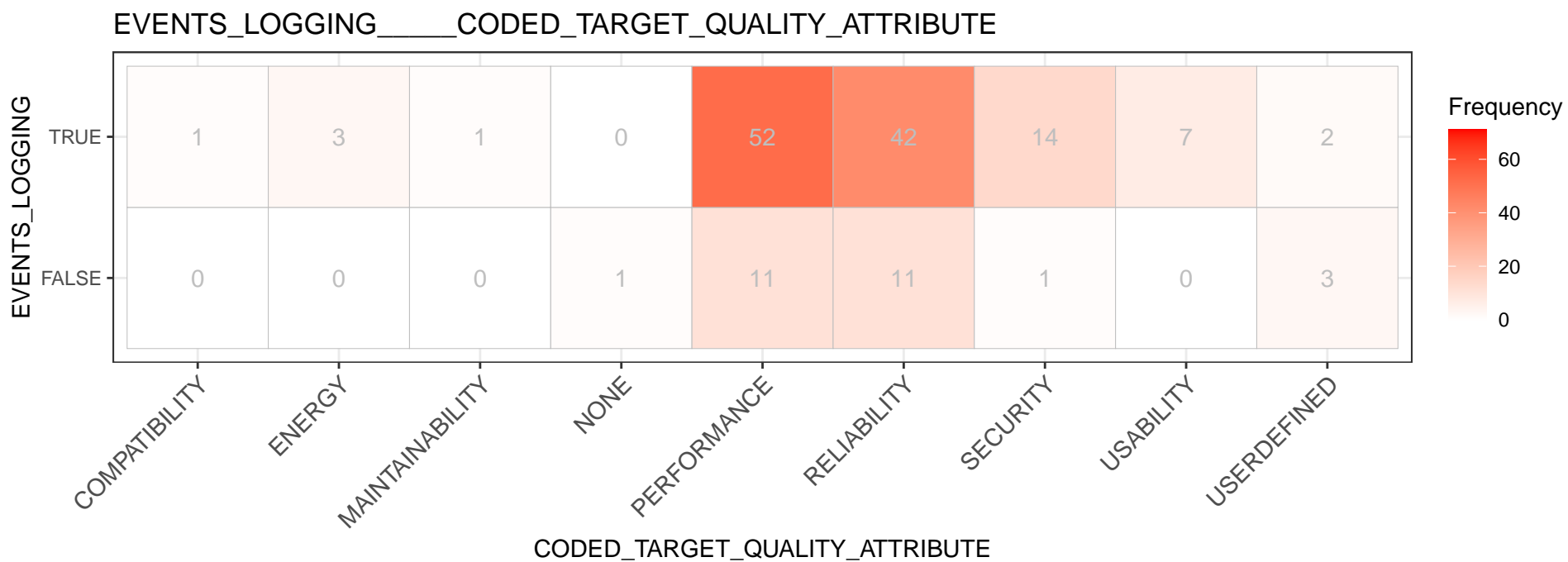
YES

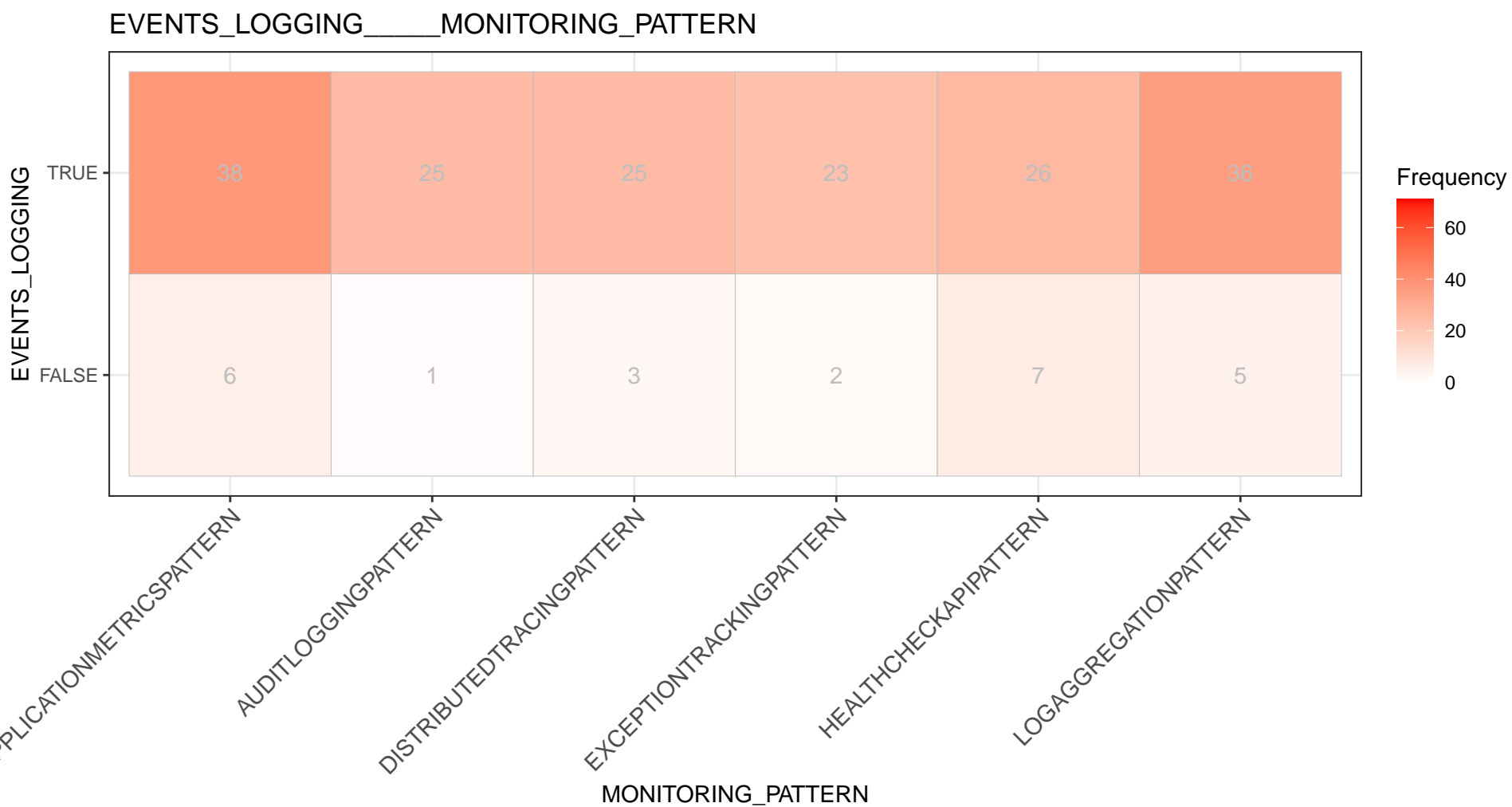
CODED_INTEGRATION_WITH_TESTING

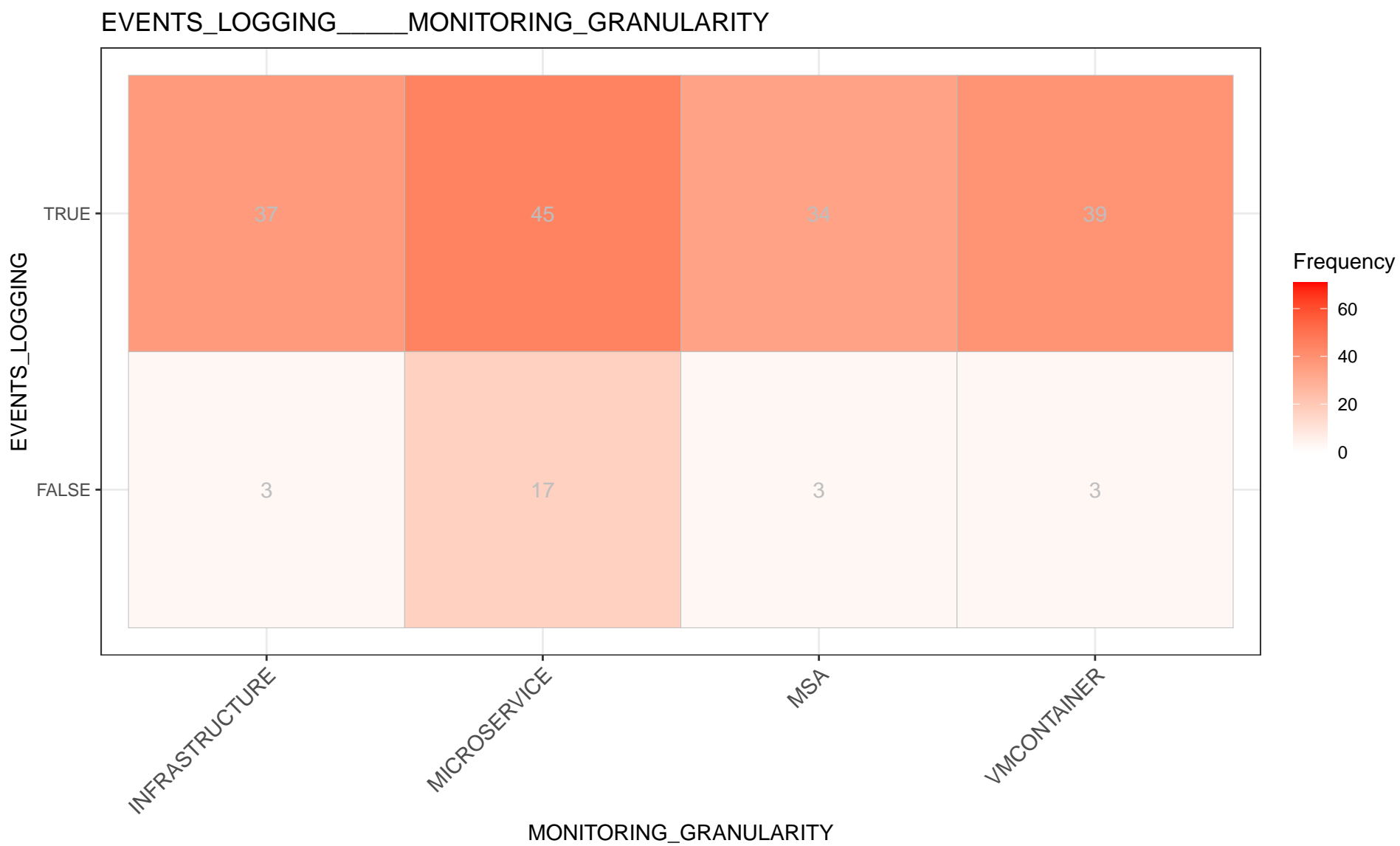
Frequency

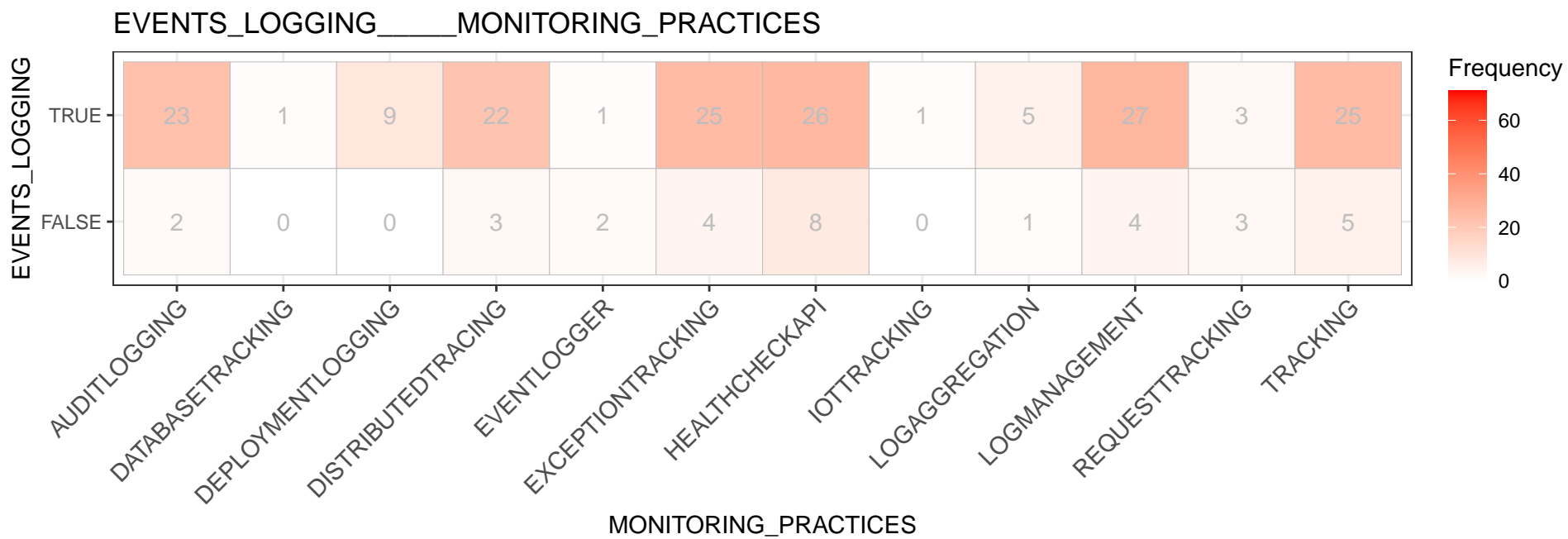


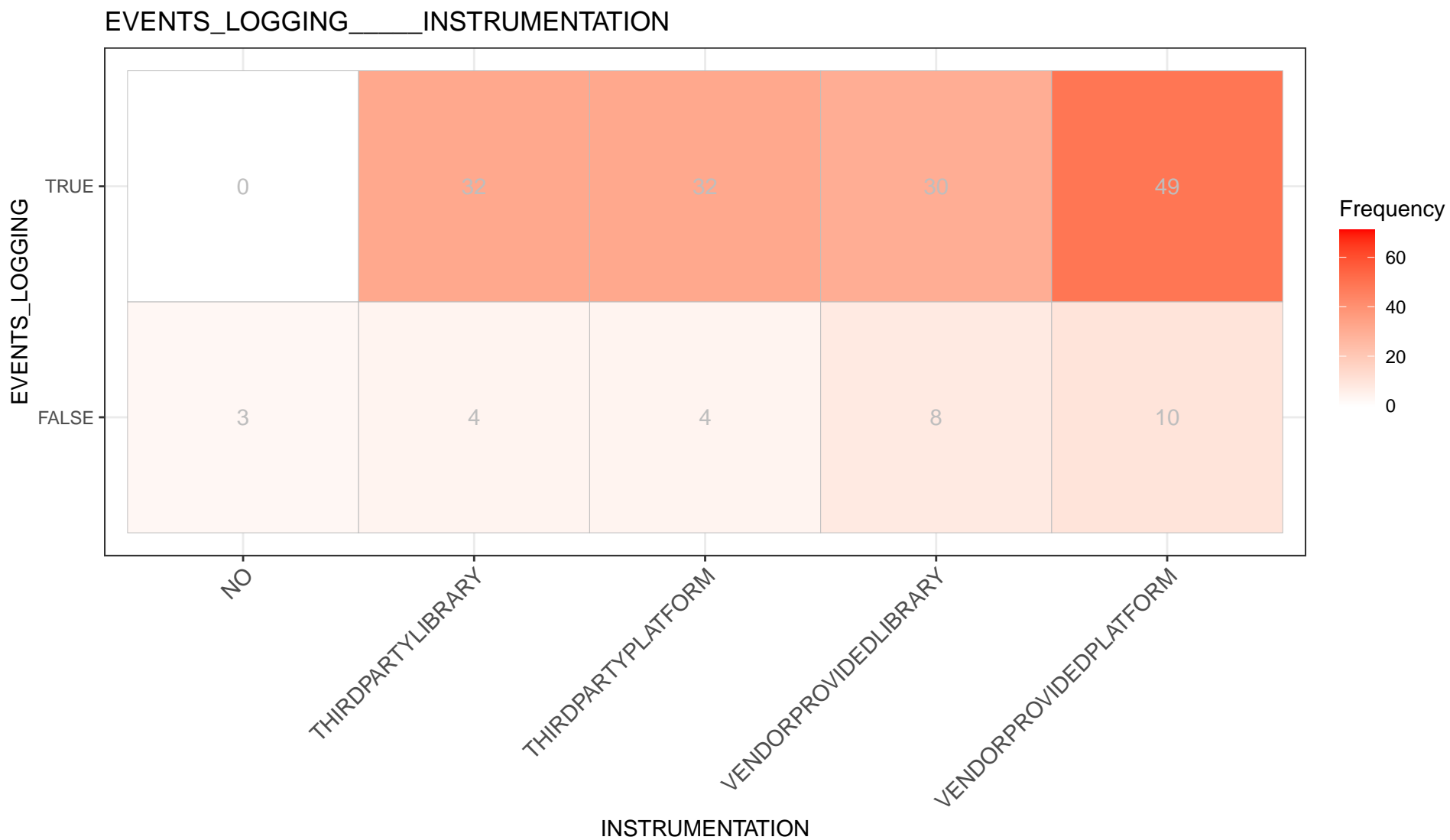












EVENTS_LOGGING_____CODED_INTEGRATION_WITH_TESTING

EVENTS_LOGGING

TRUE

44

10

FALSE

16

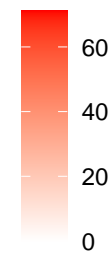
1

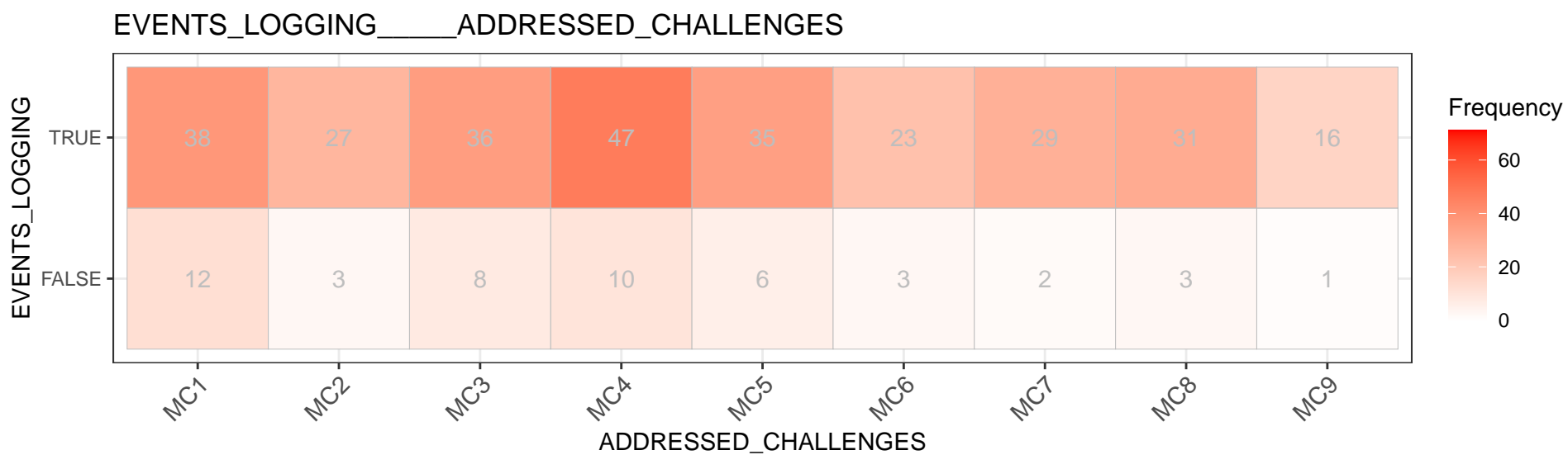
NO

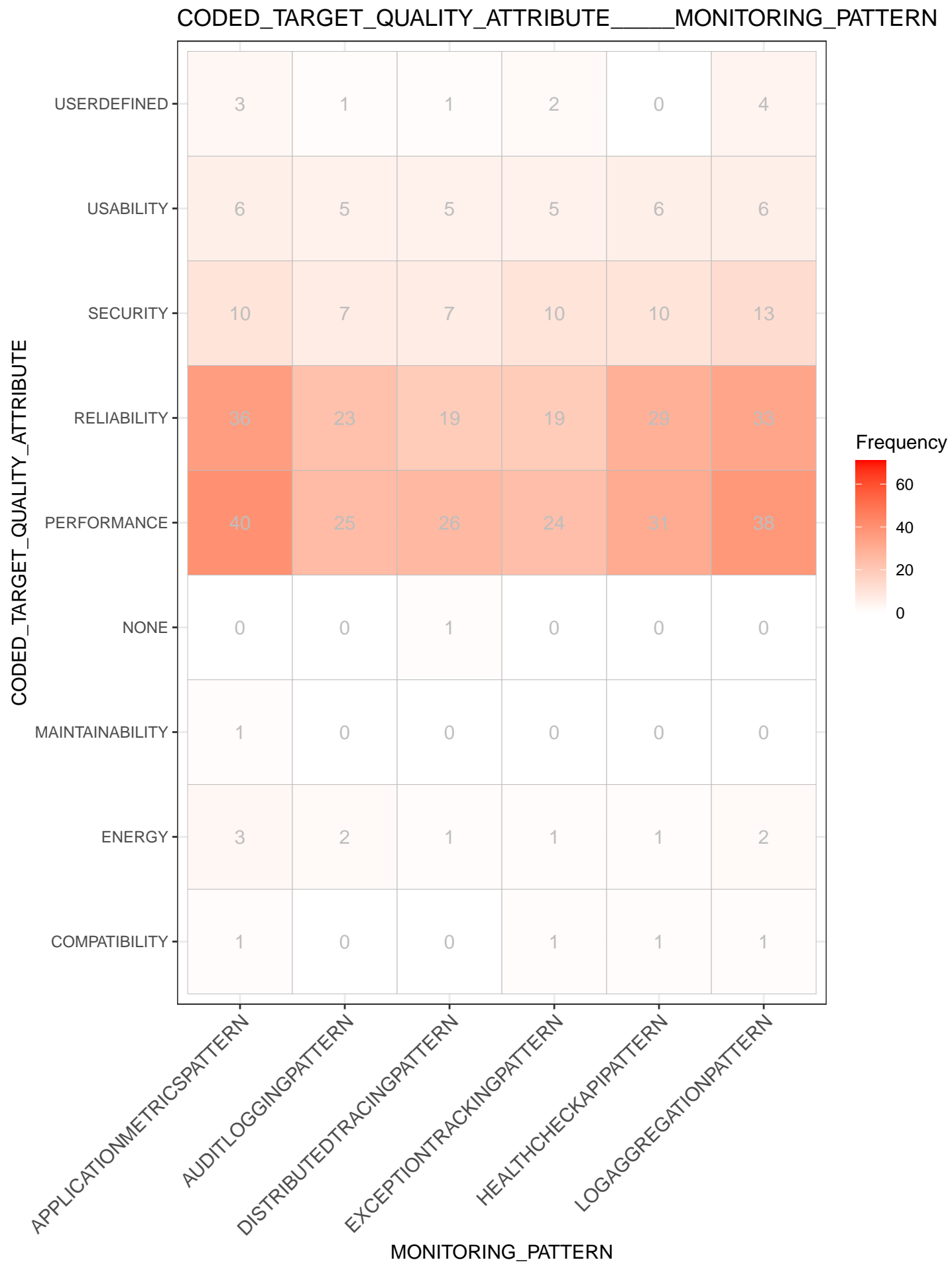
YES

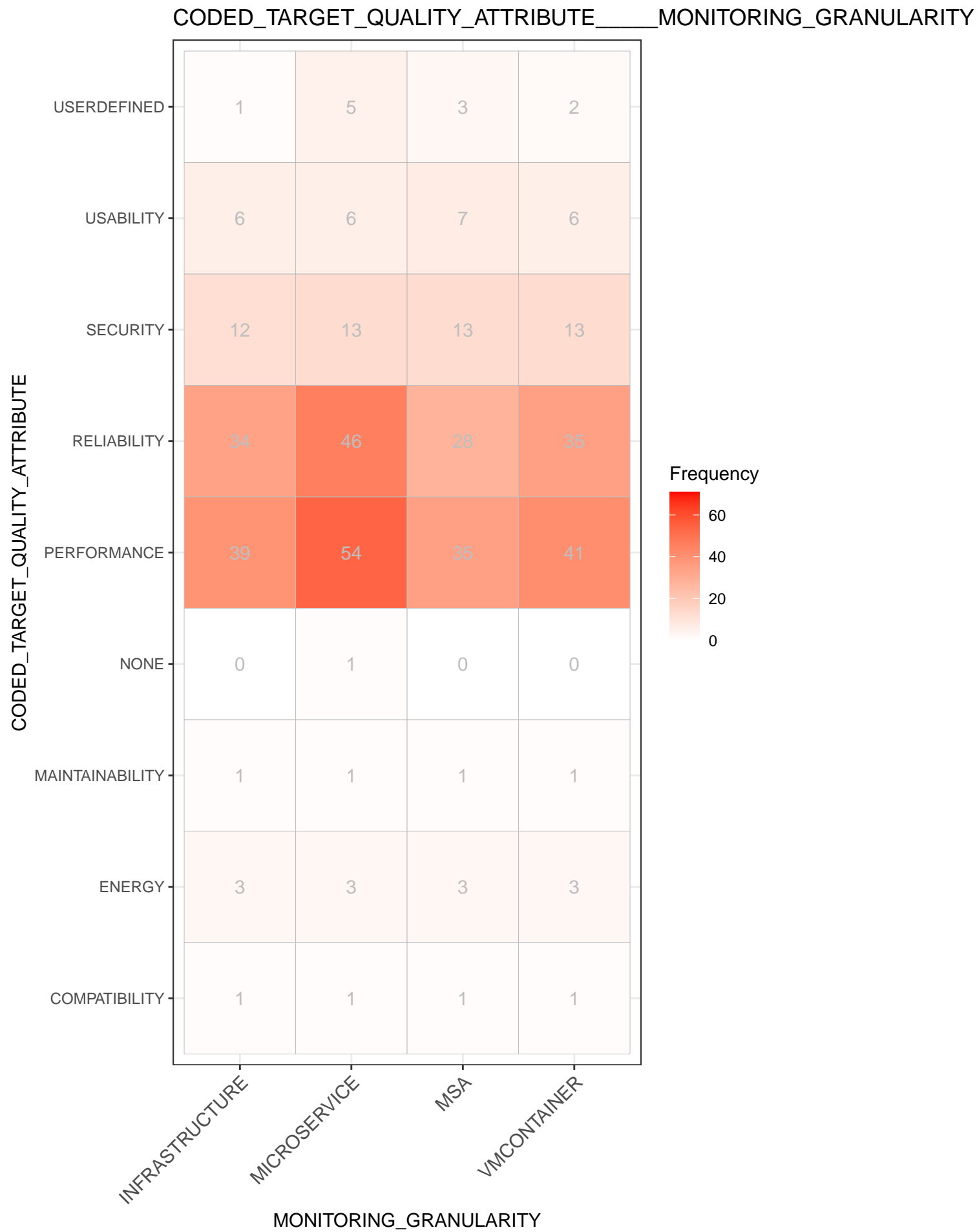
CODED_INTEGRATION_WITH_TESTING

Frequency





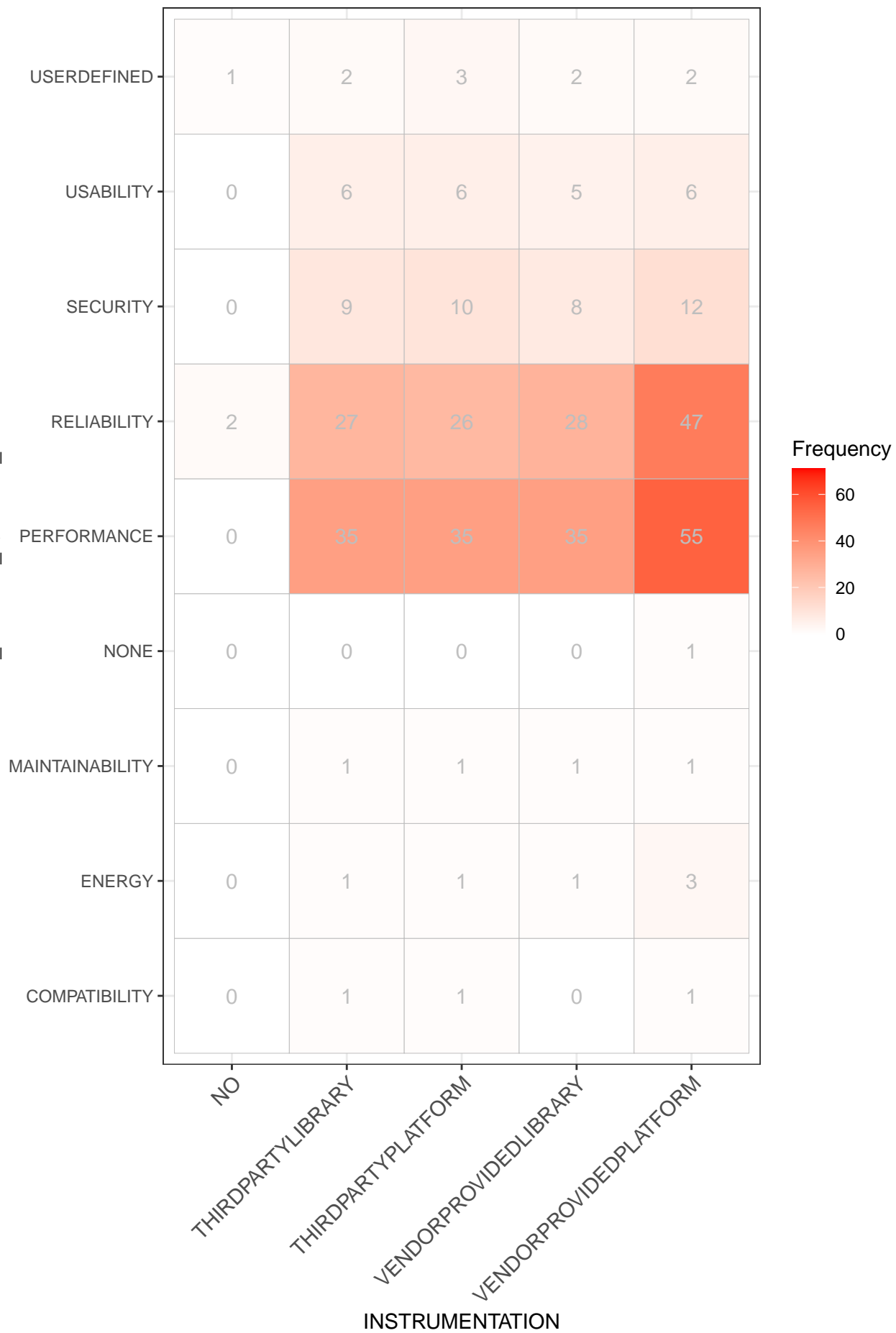


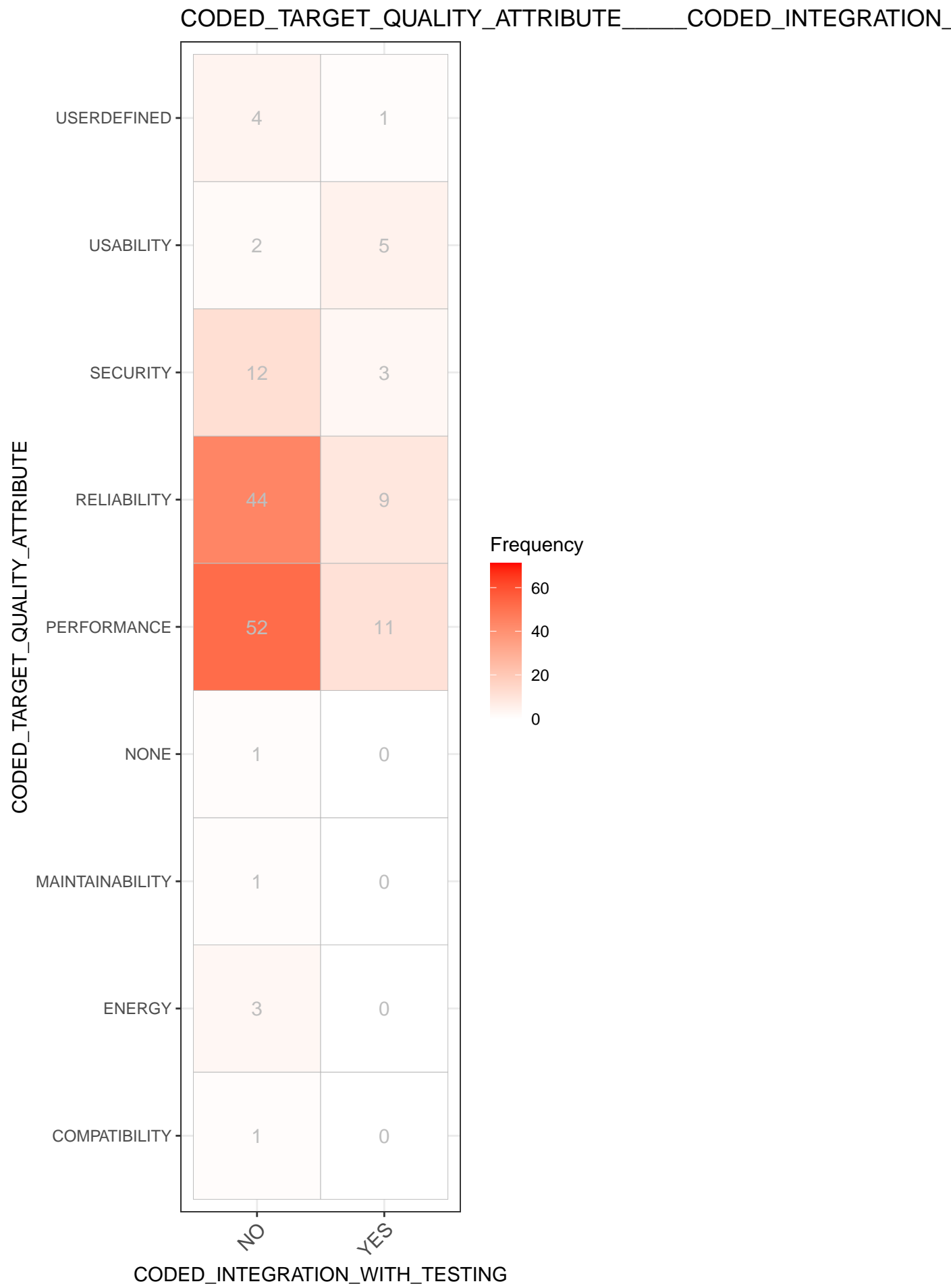




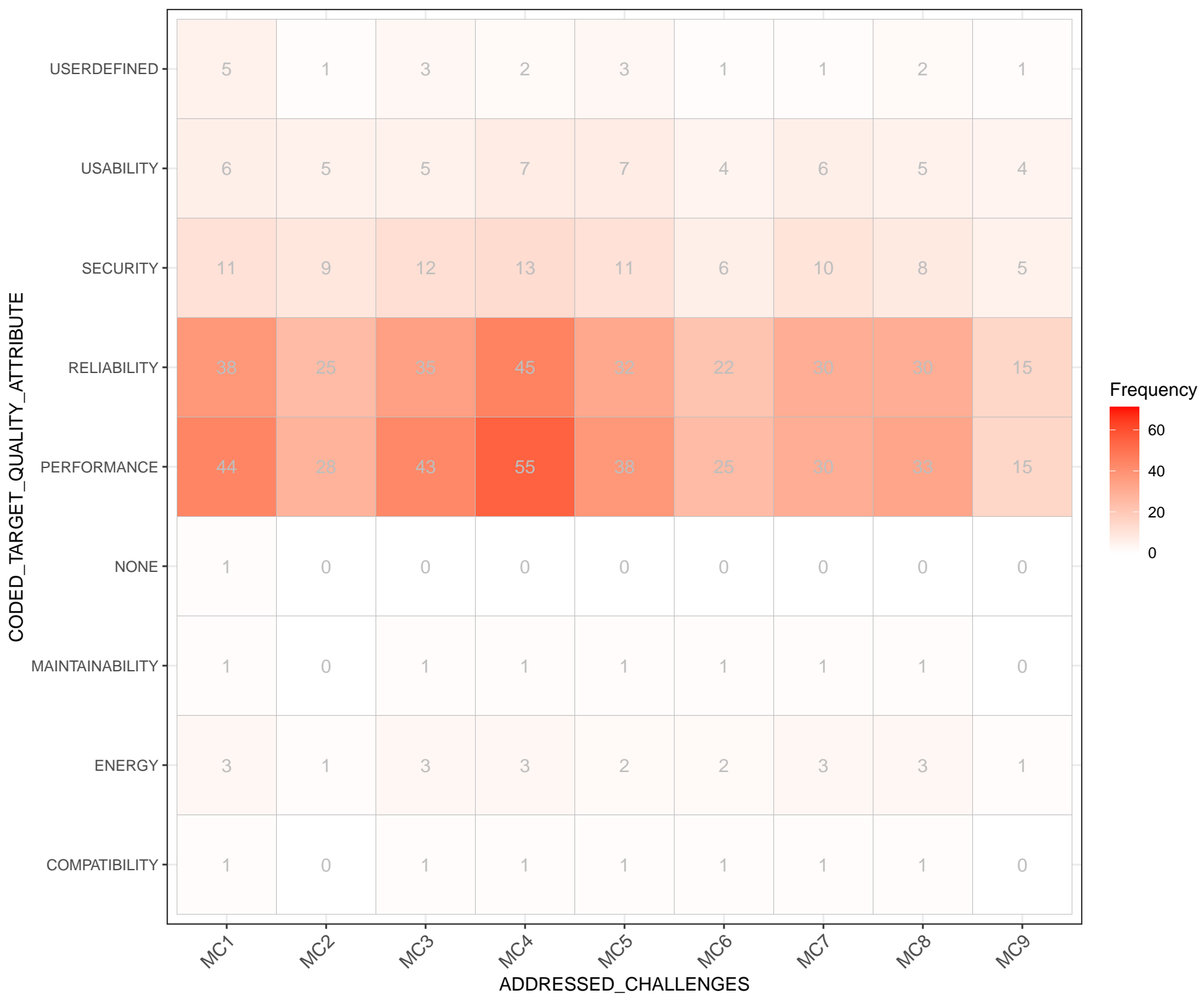
CODED_TARGET_QUALITY_ATTRIBUTE_____INSTRUMENTATION

CODED_TARGET_QUALITY_ATTRIBUTE

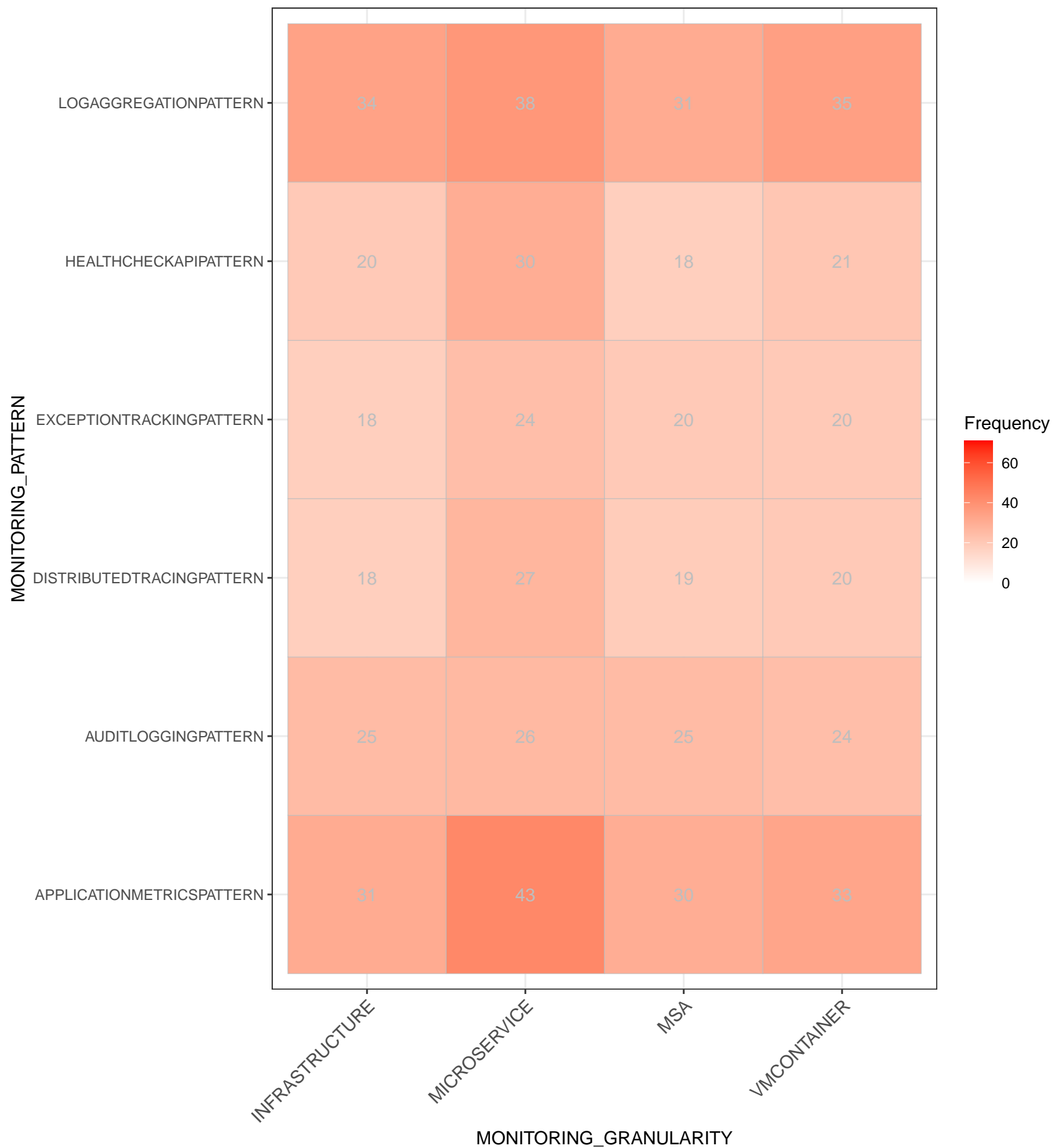


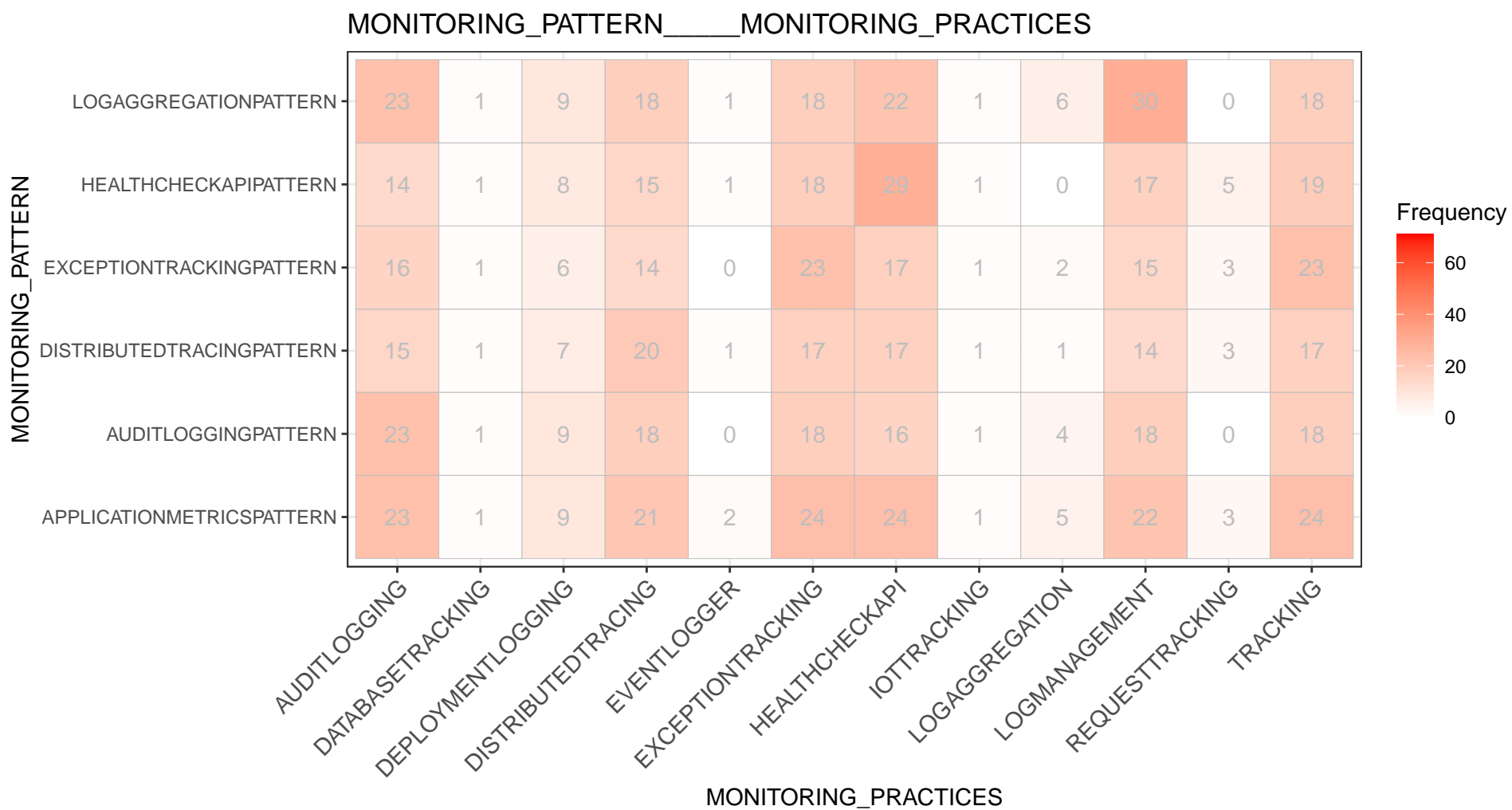


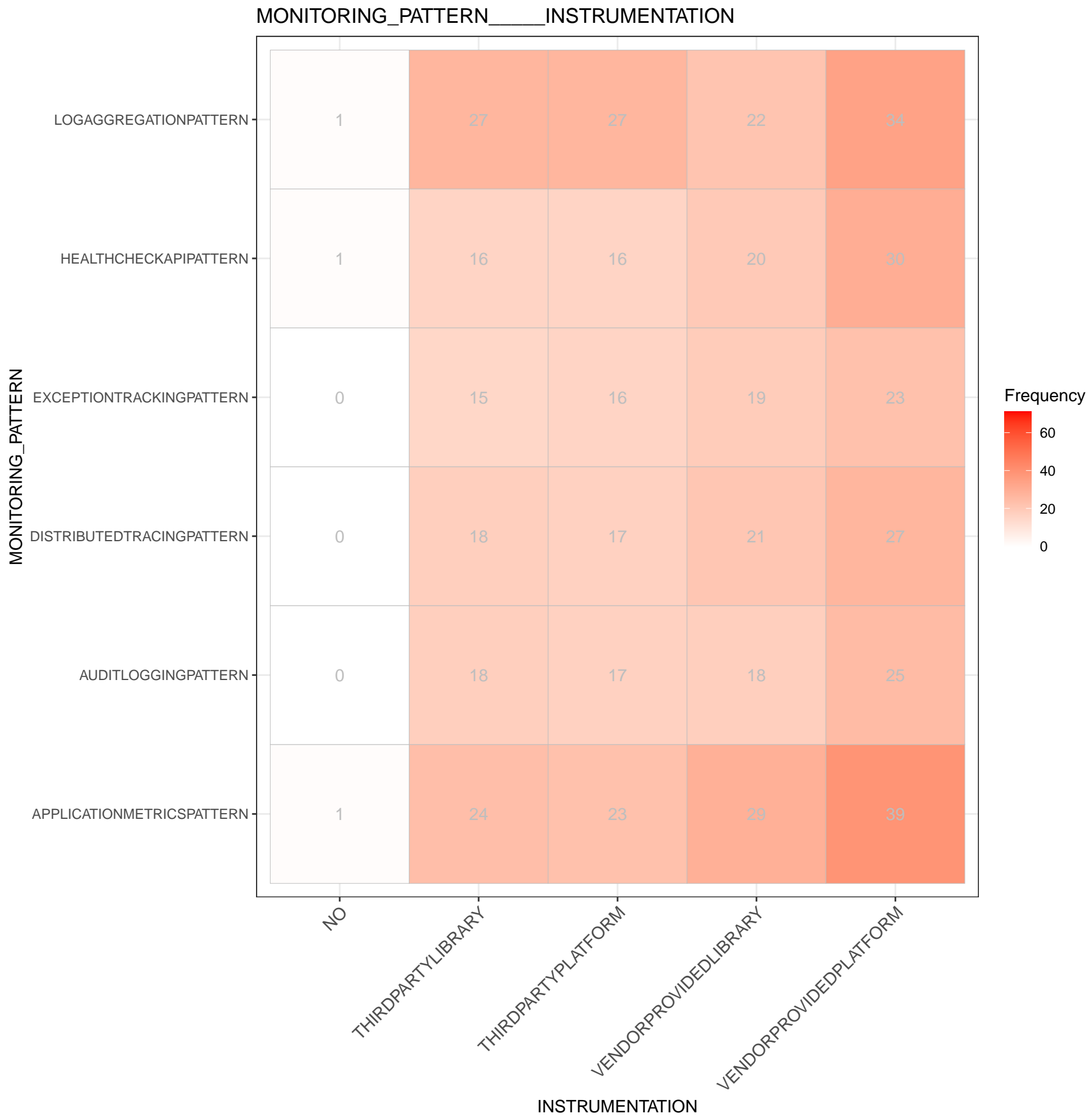
CODED_TARGET_QUALITY_ATTRIBUTE_____ADDRESSED_CHALLENGES

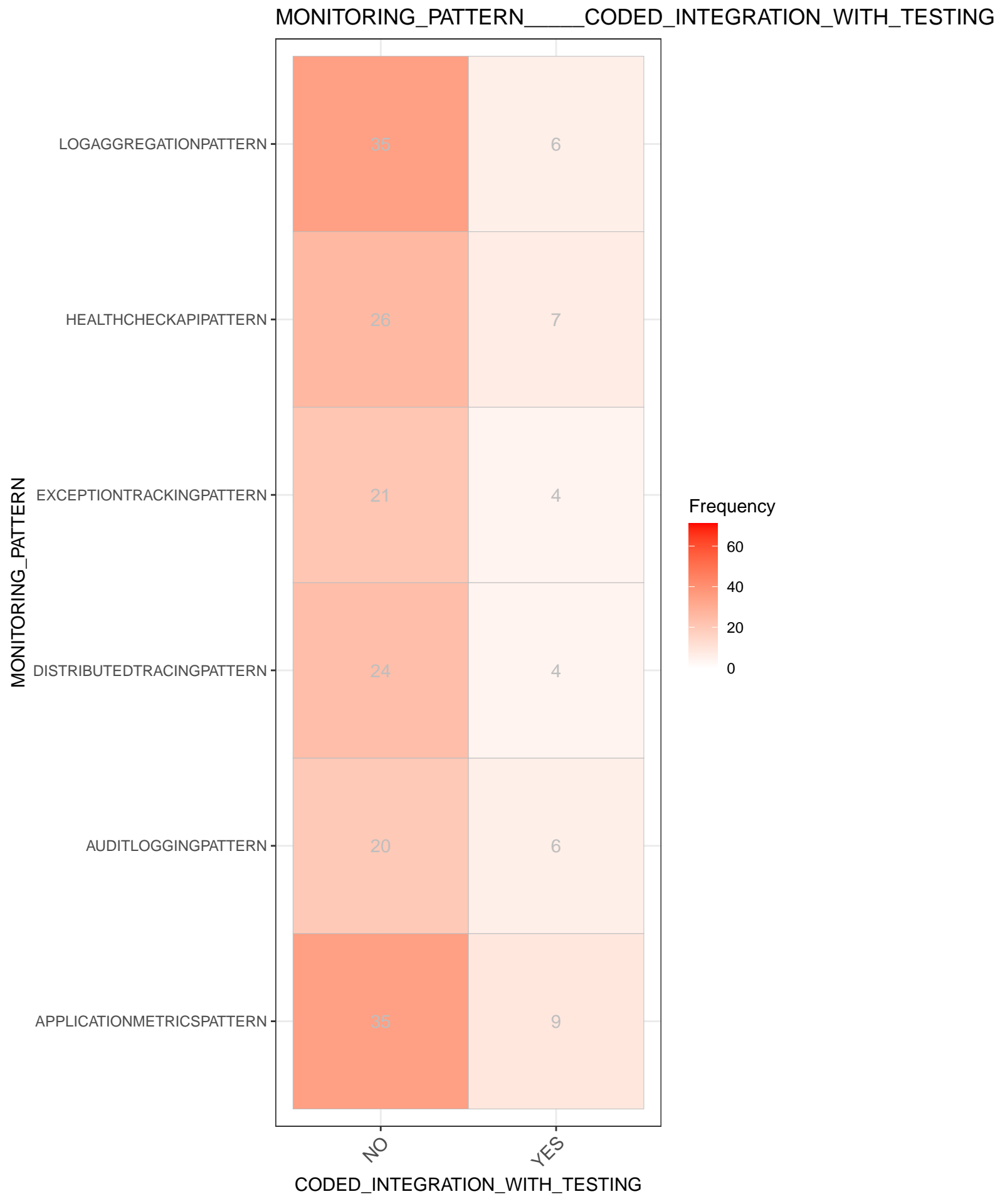


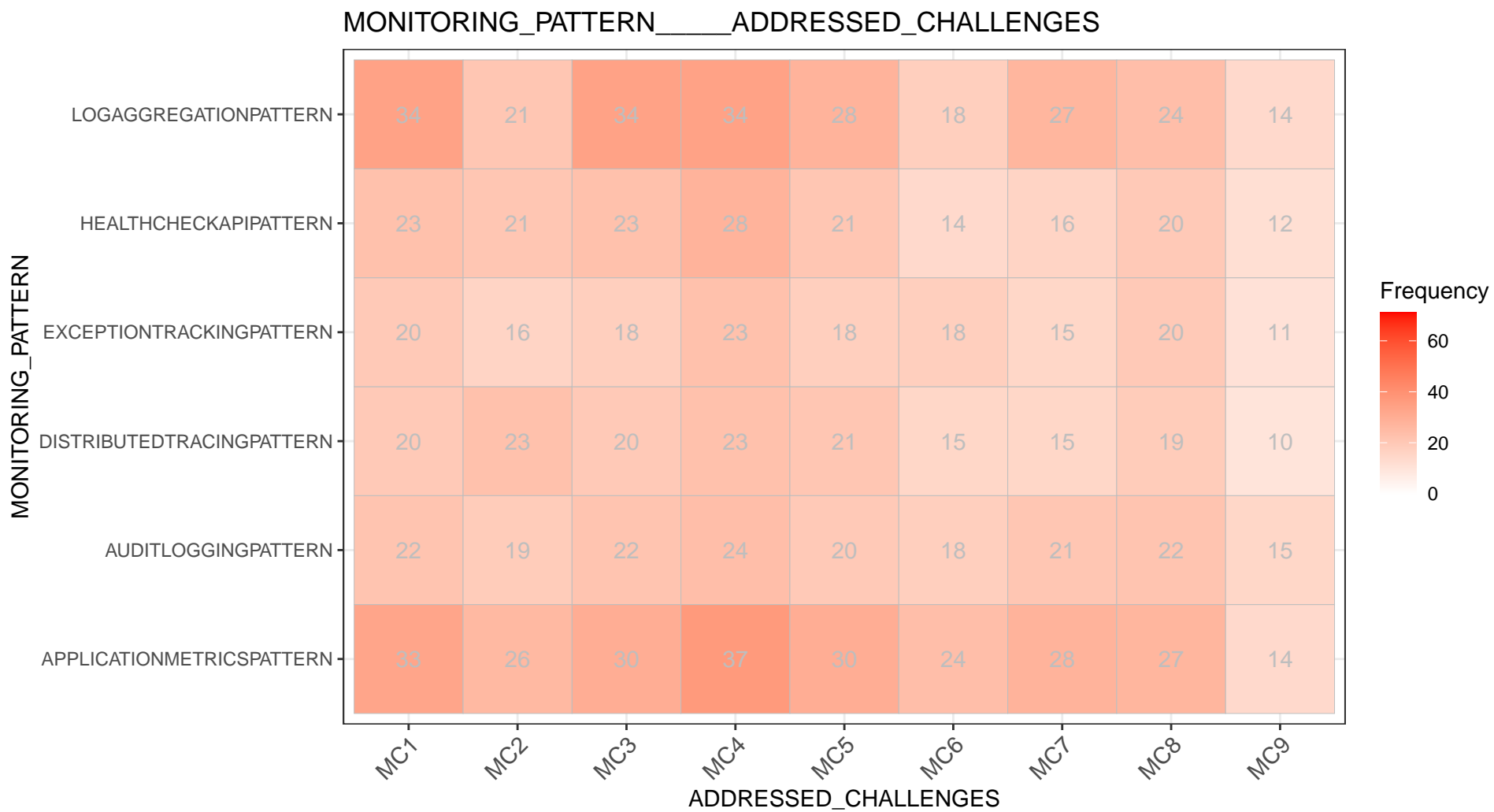
MONITORING_PATTERN_____MONITORING_GRANULARITY

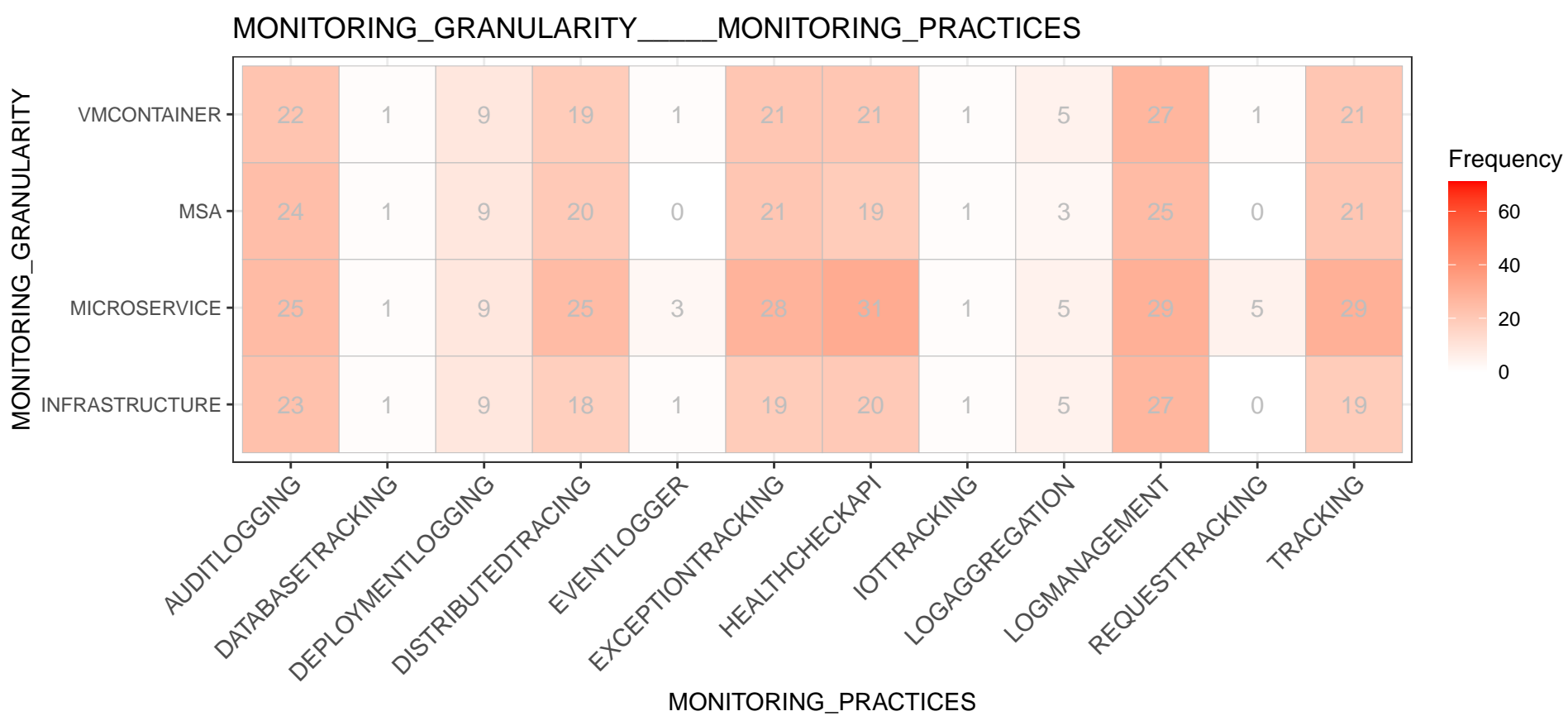




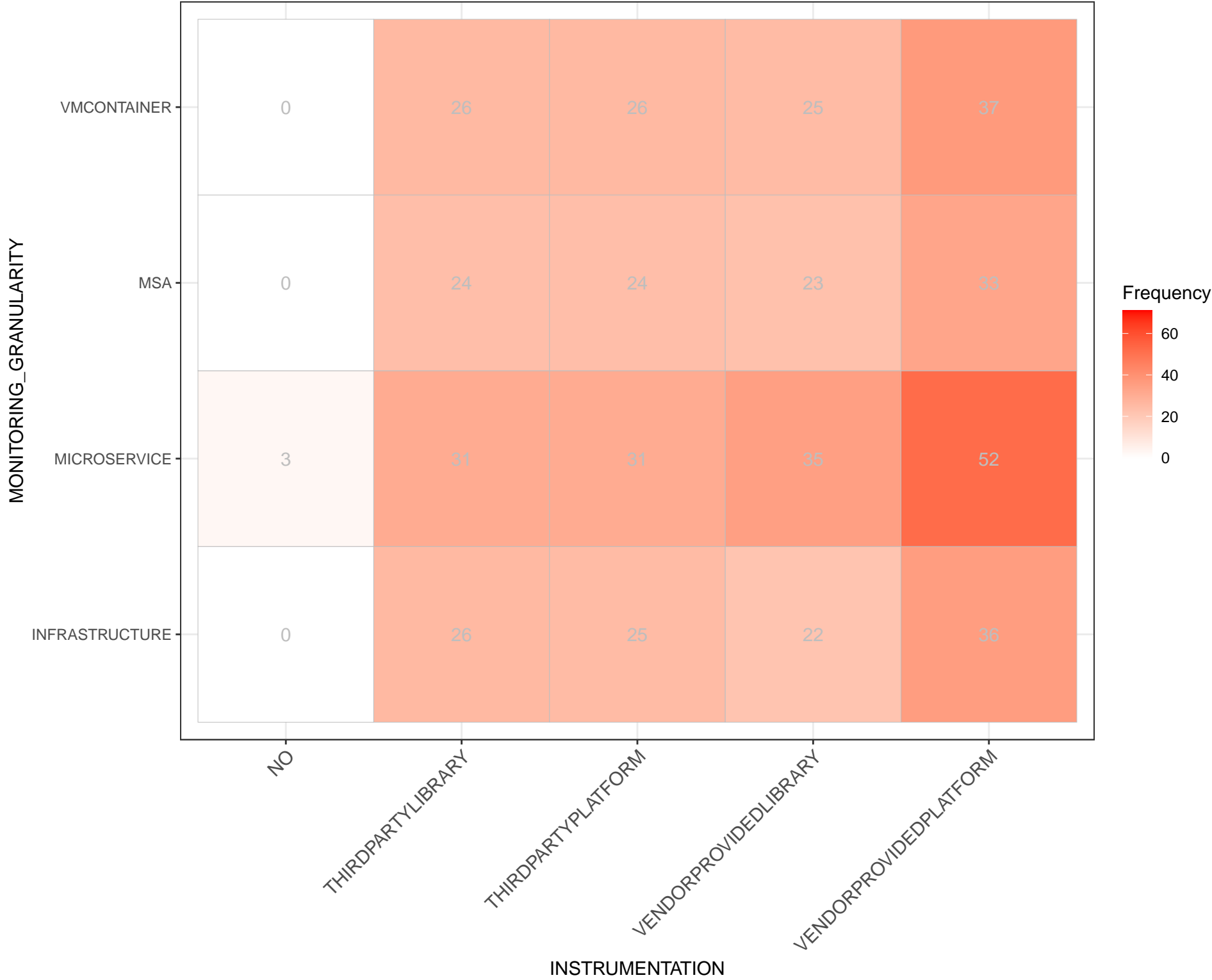


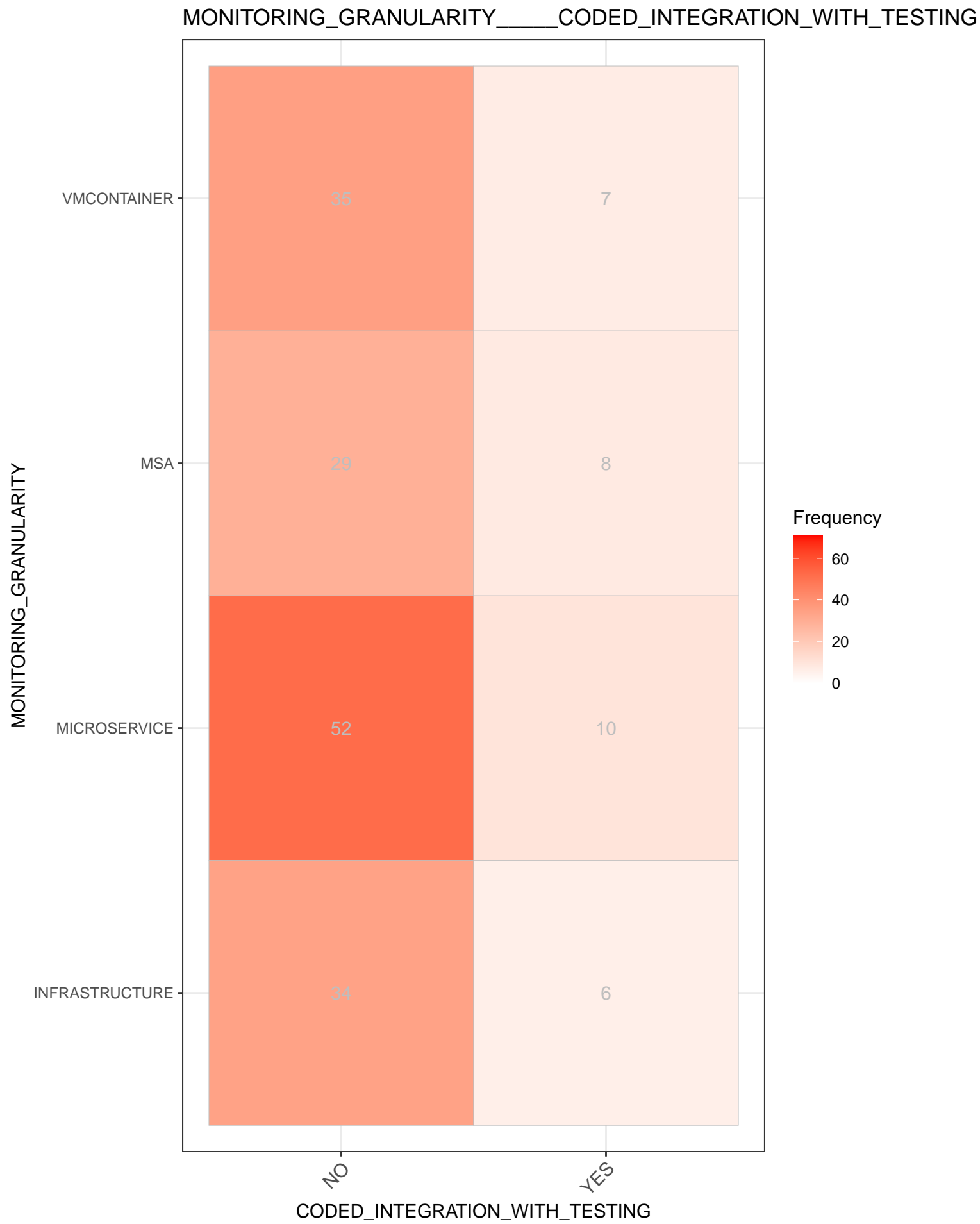


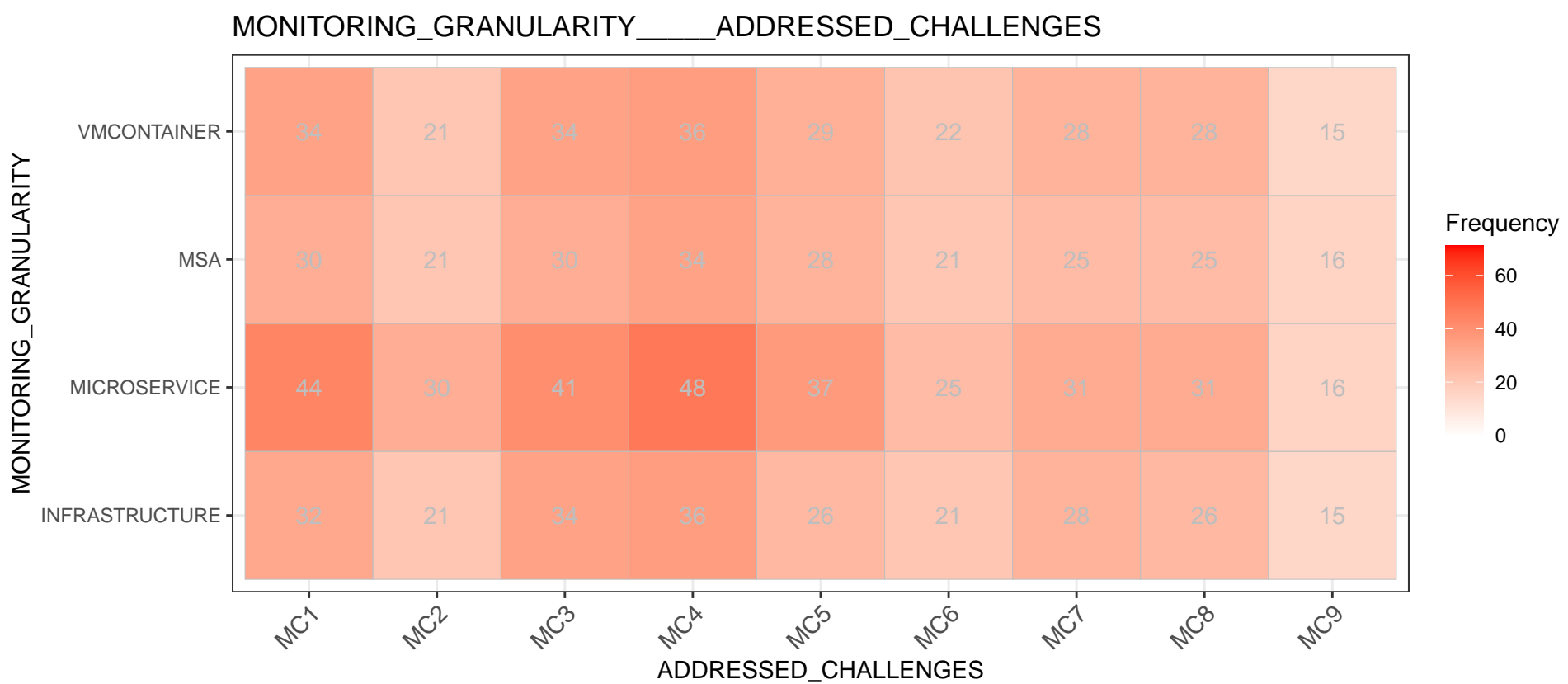


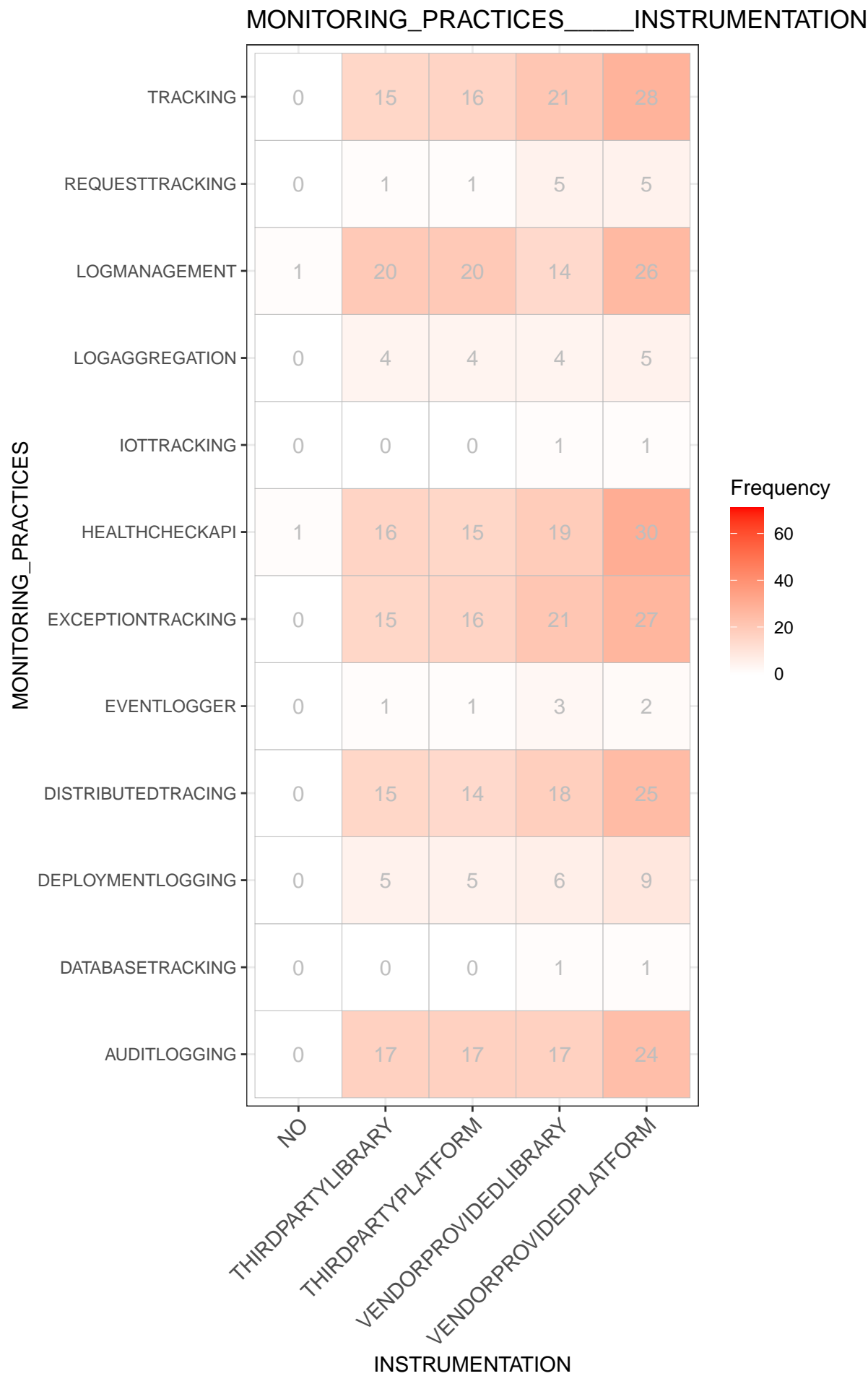


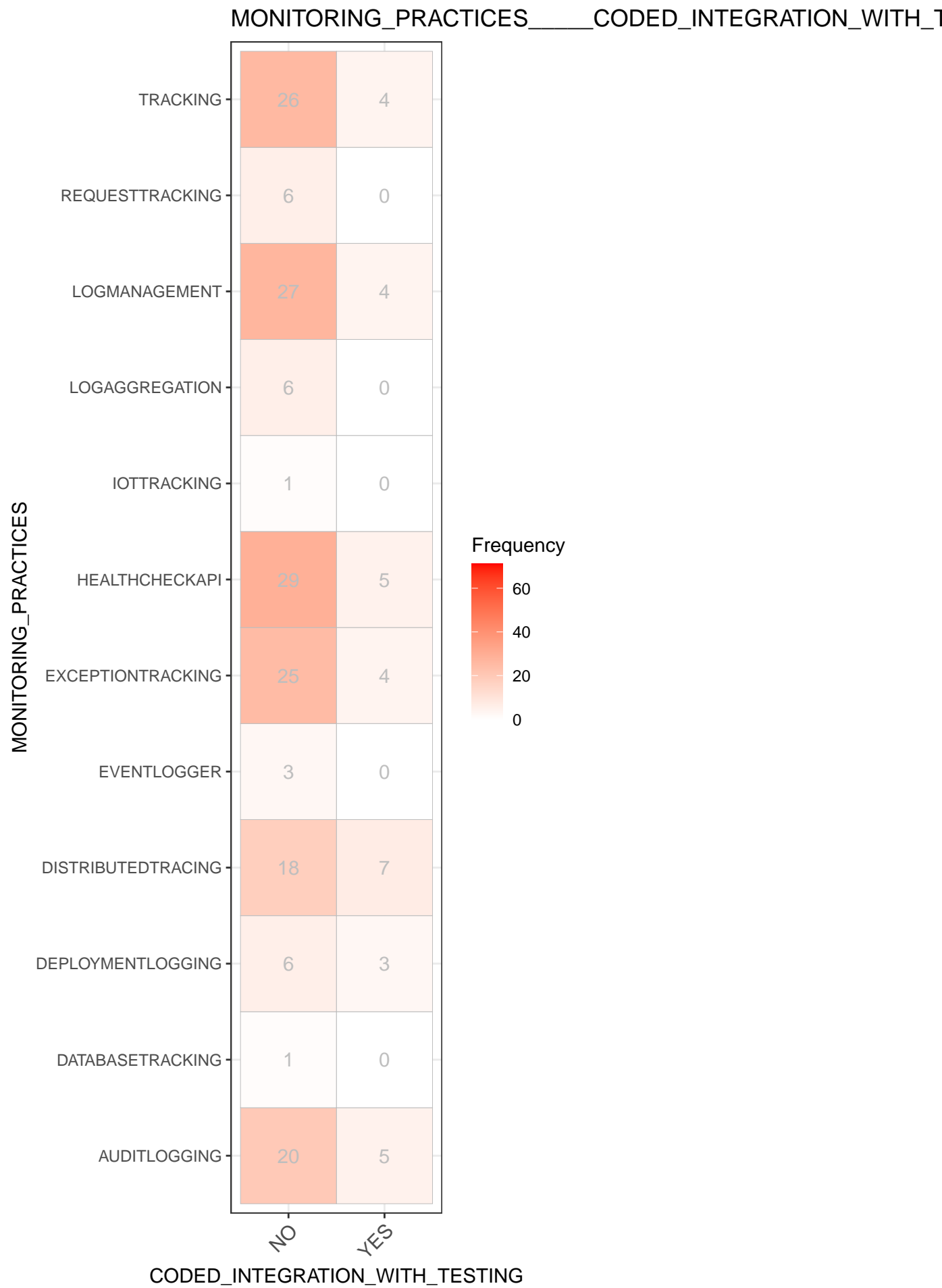
MONITORING_GRANULARITY____INSTRUMENTATION



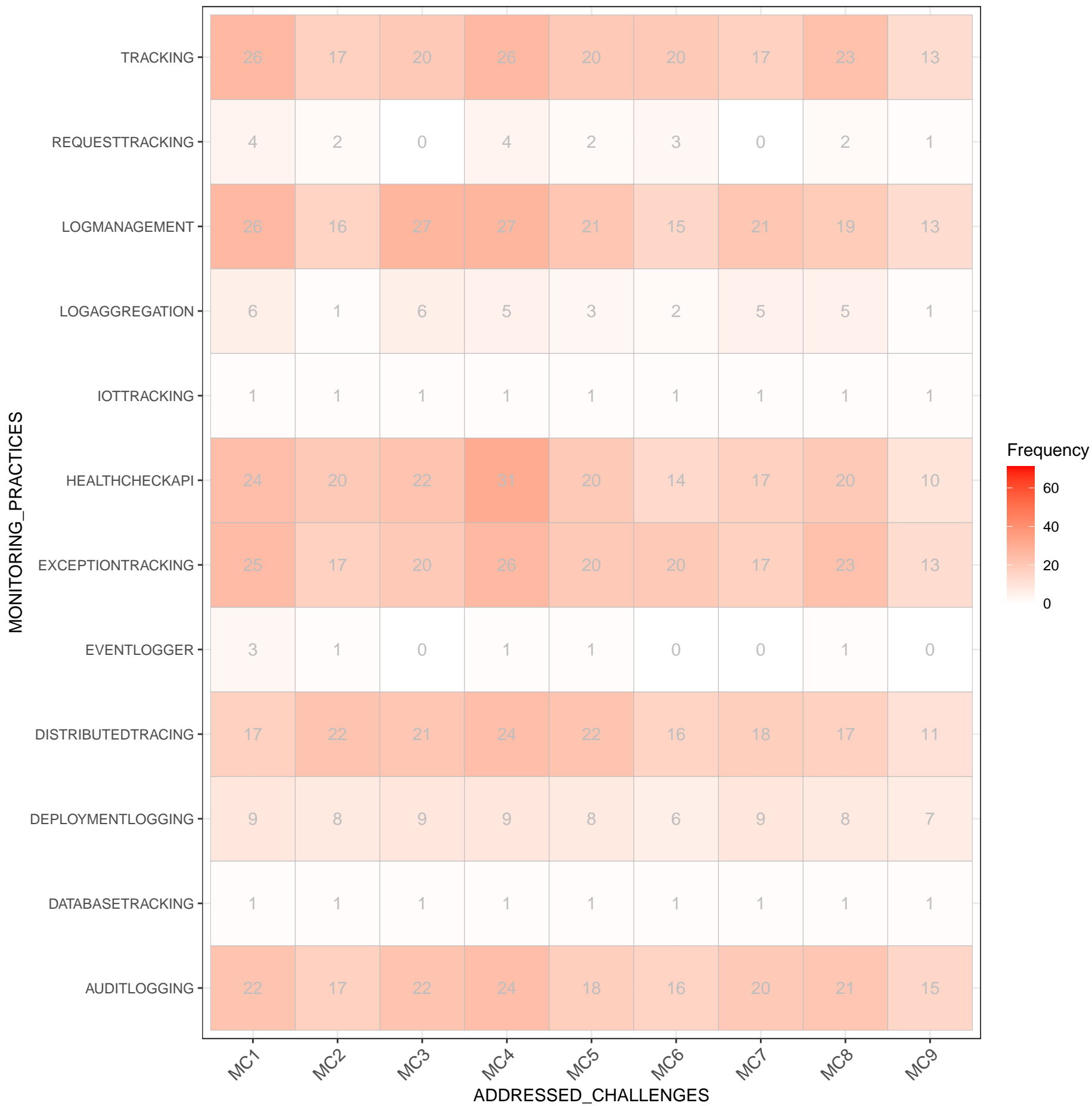


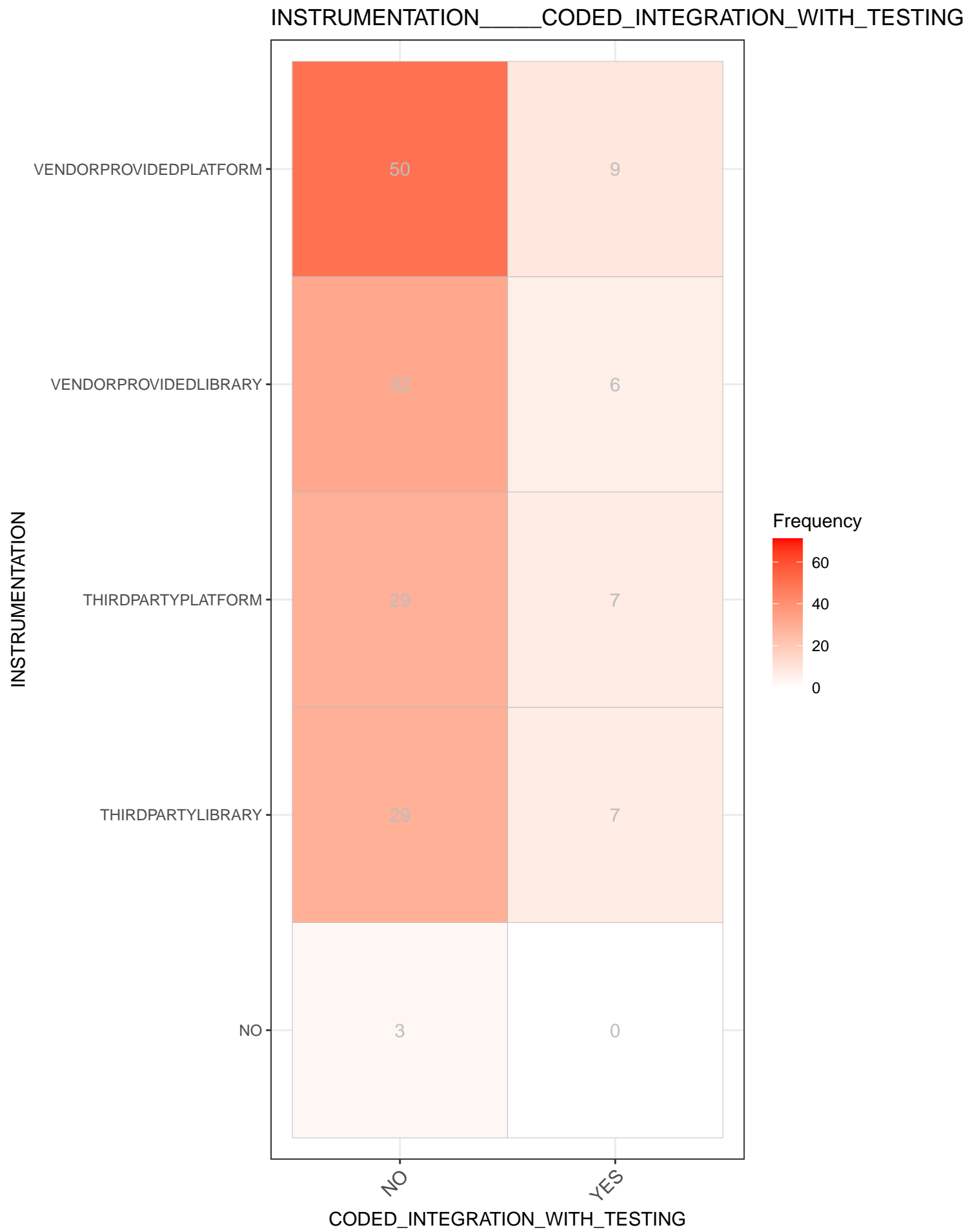


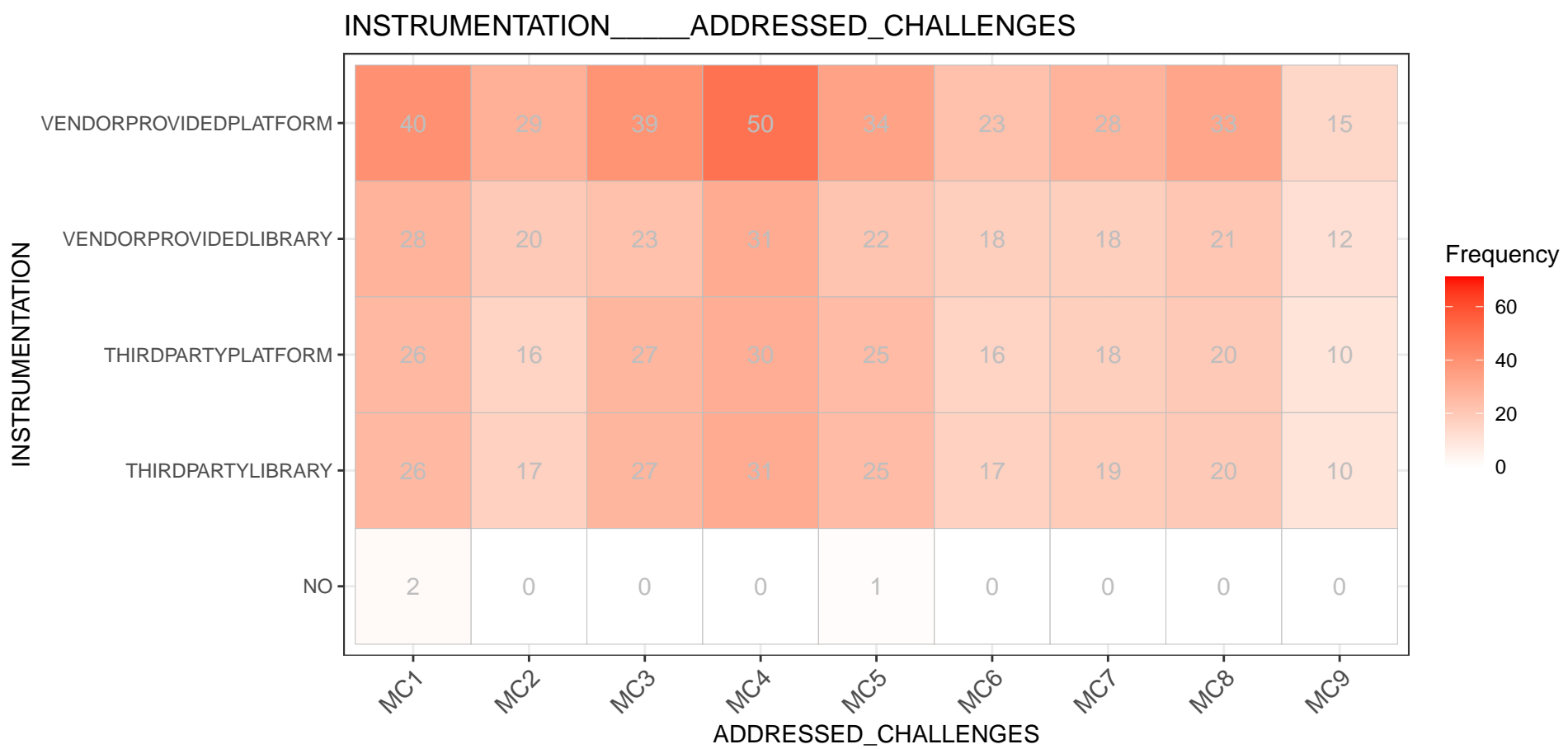




MONITORING_PRACTICES_____ADDRESSED_CHALLENGES







CODED_INTEGRATION_WITH_TESTING

CODED_INTEGRATION_WITH_TESTING_____ADDRESSED_CHALLENGES

YES

NO

MC1

MC2

MC3

MC4

MC5

MC6

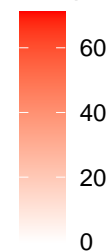
MC7

MC8

MC9

ADDRESSED_CHALLENGES

Frequency



60

40

20

0

7

7

6

11

10

6

7

6

6

43

23

38

46

31

20

24

28

11