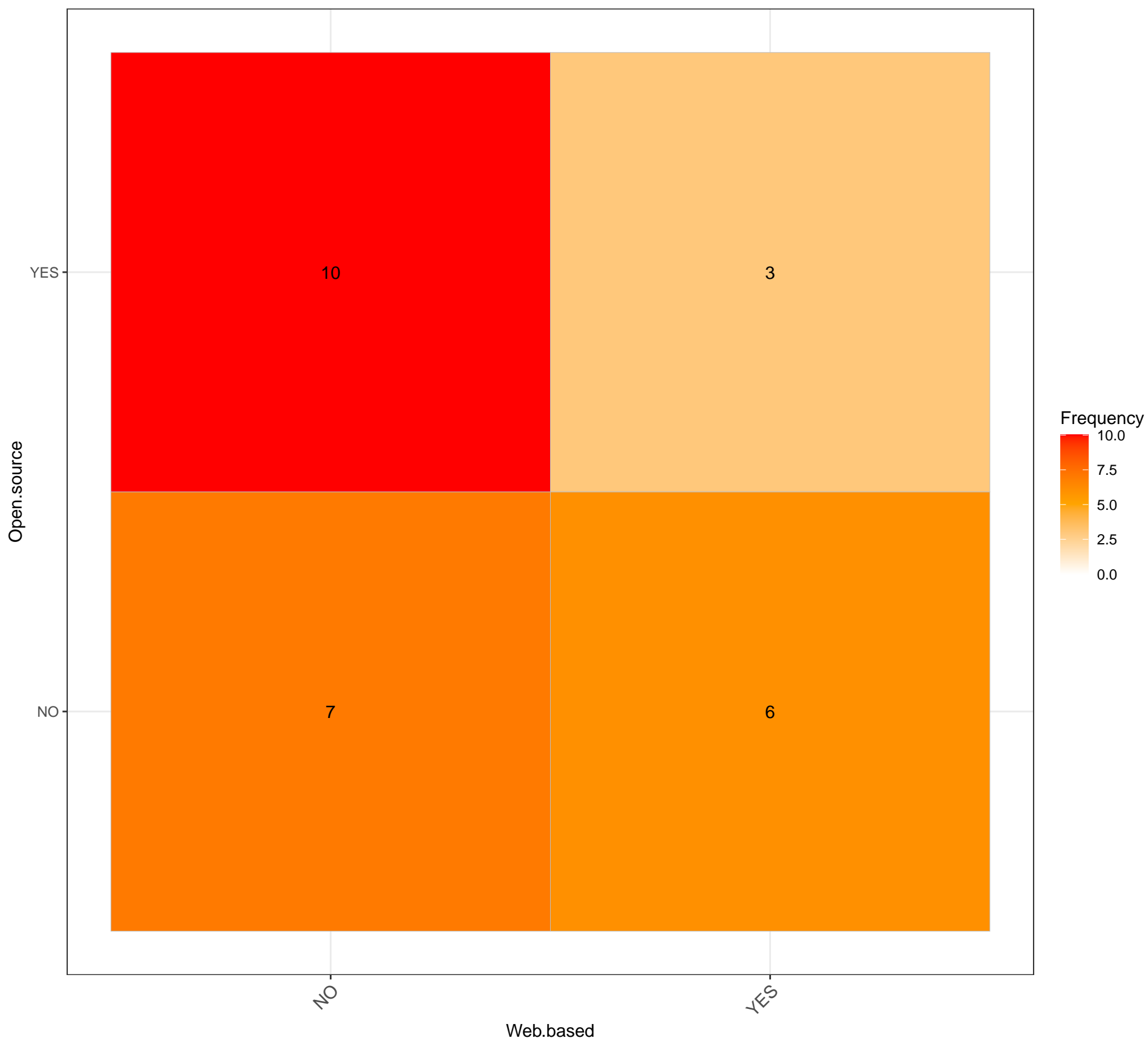
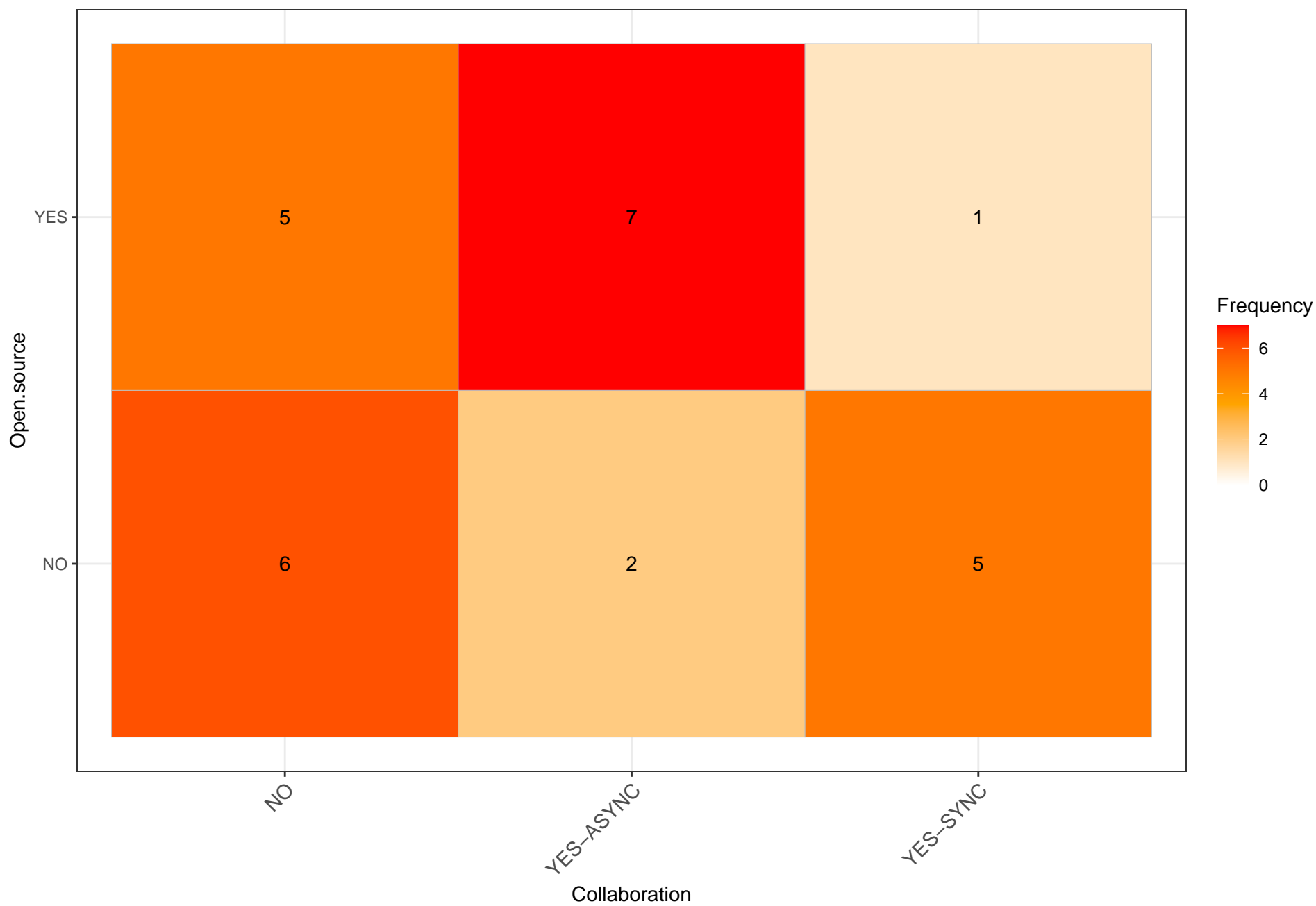


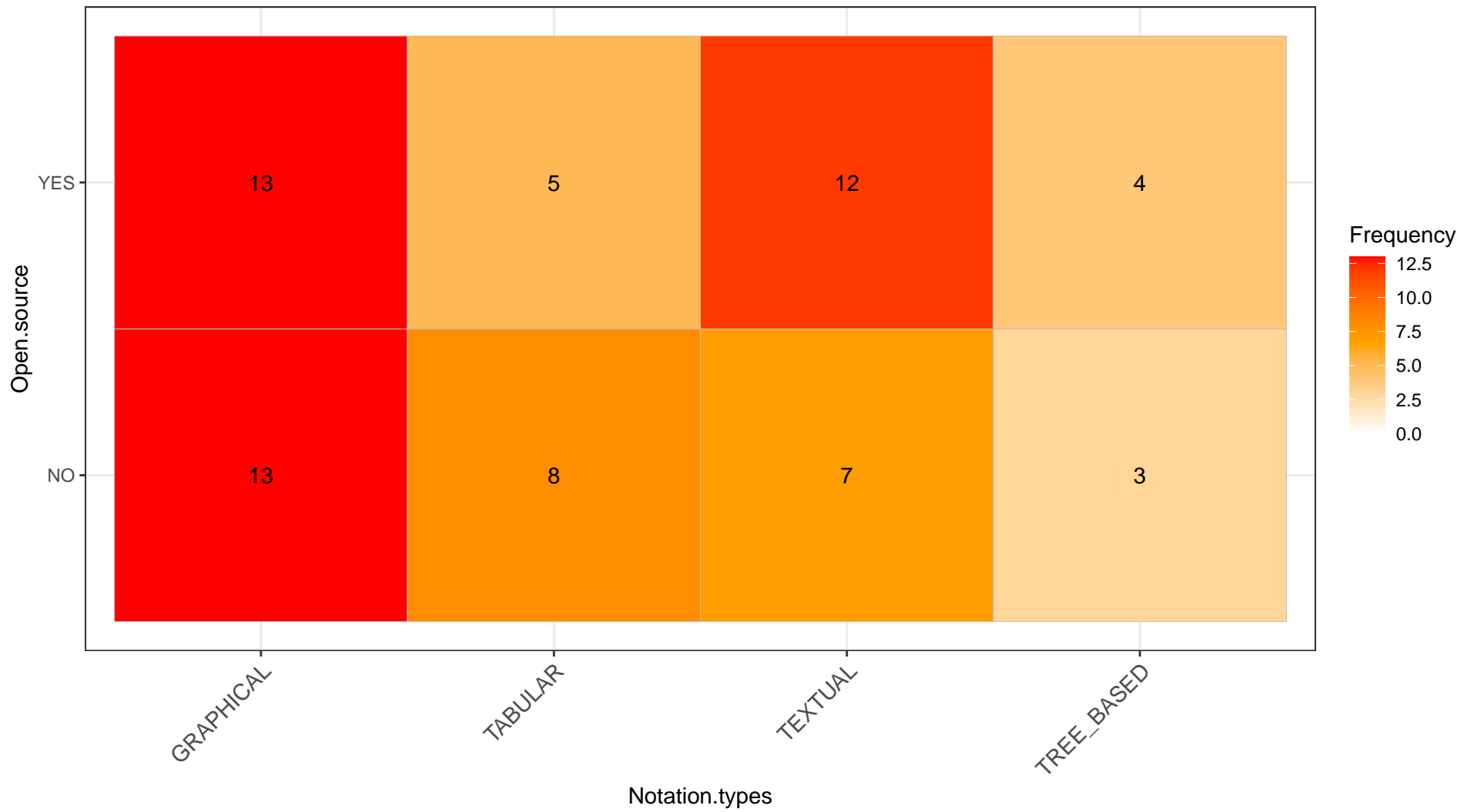
Open.source____Web.based (Chi sq w/ Yates p= 0.4097, p= 0.2162)



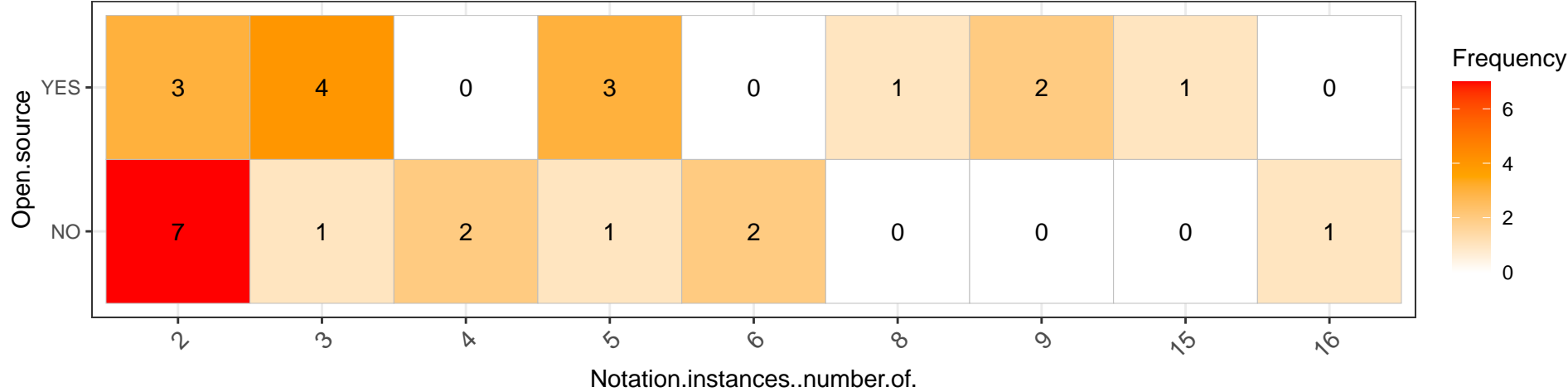
Open.source____Collaboration (Chi sq w/ Yates p= 0.0628, p= 0.0628)



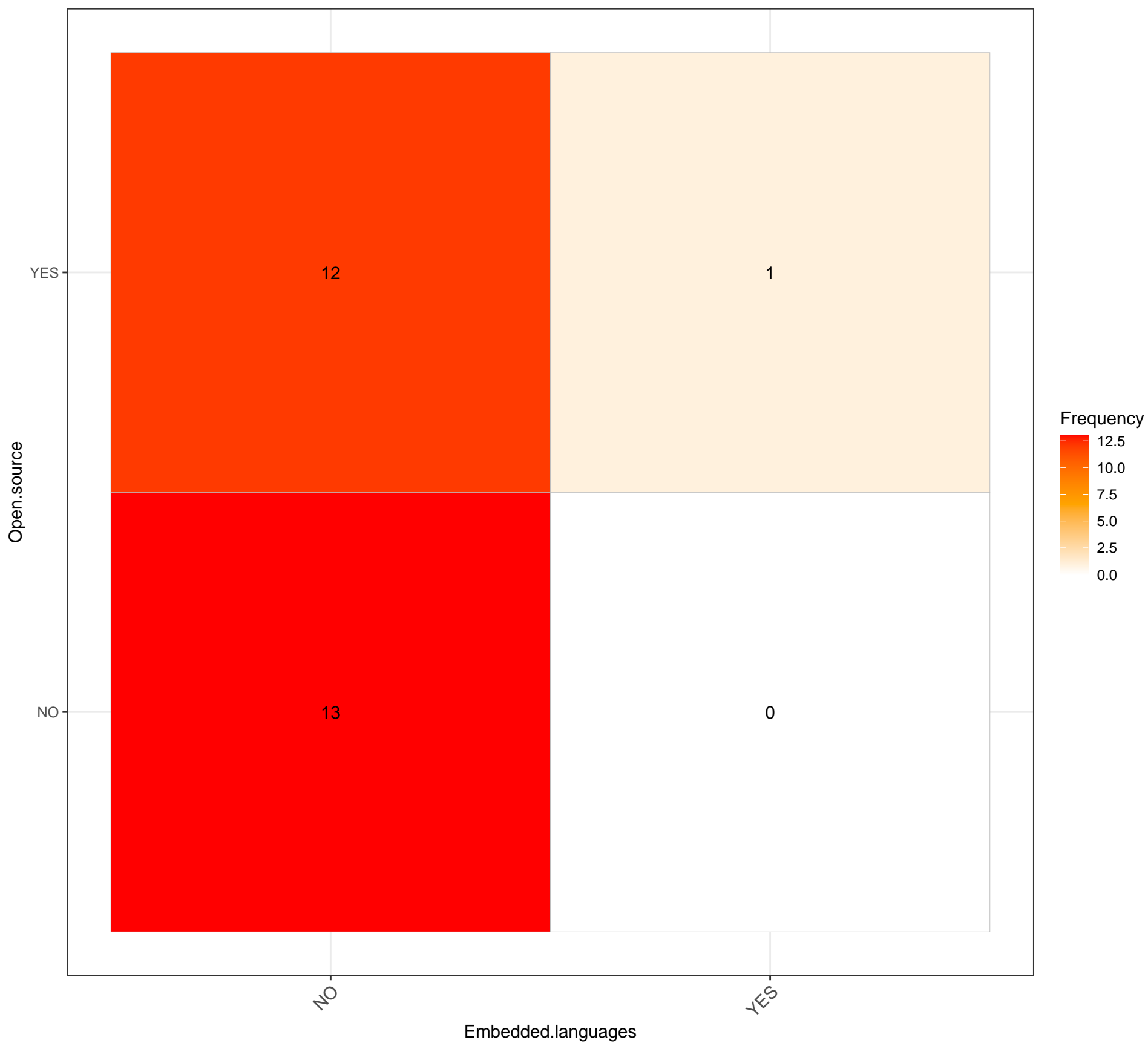
Open.source____Notation.types (Chi sq w/ Yates p= 0.5689, p= 0.5689)



Open.source____Notation.instances..number.of. (Chi sq w/ Yates p= 0.0988, p= 0.0988)



Open.source____Embedded.languages (Chi sq w/ Yates p= 1, p= 0.3078)



Open.source_____Overlap (Chi sq w/ Yates p= 0.3196, p= 0.1355)

Open.source

YES

1

12

NO

4

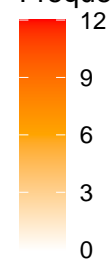
9

COMPLETE

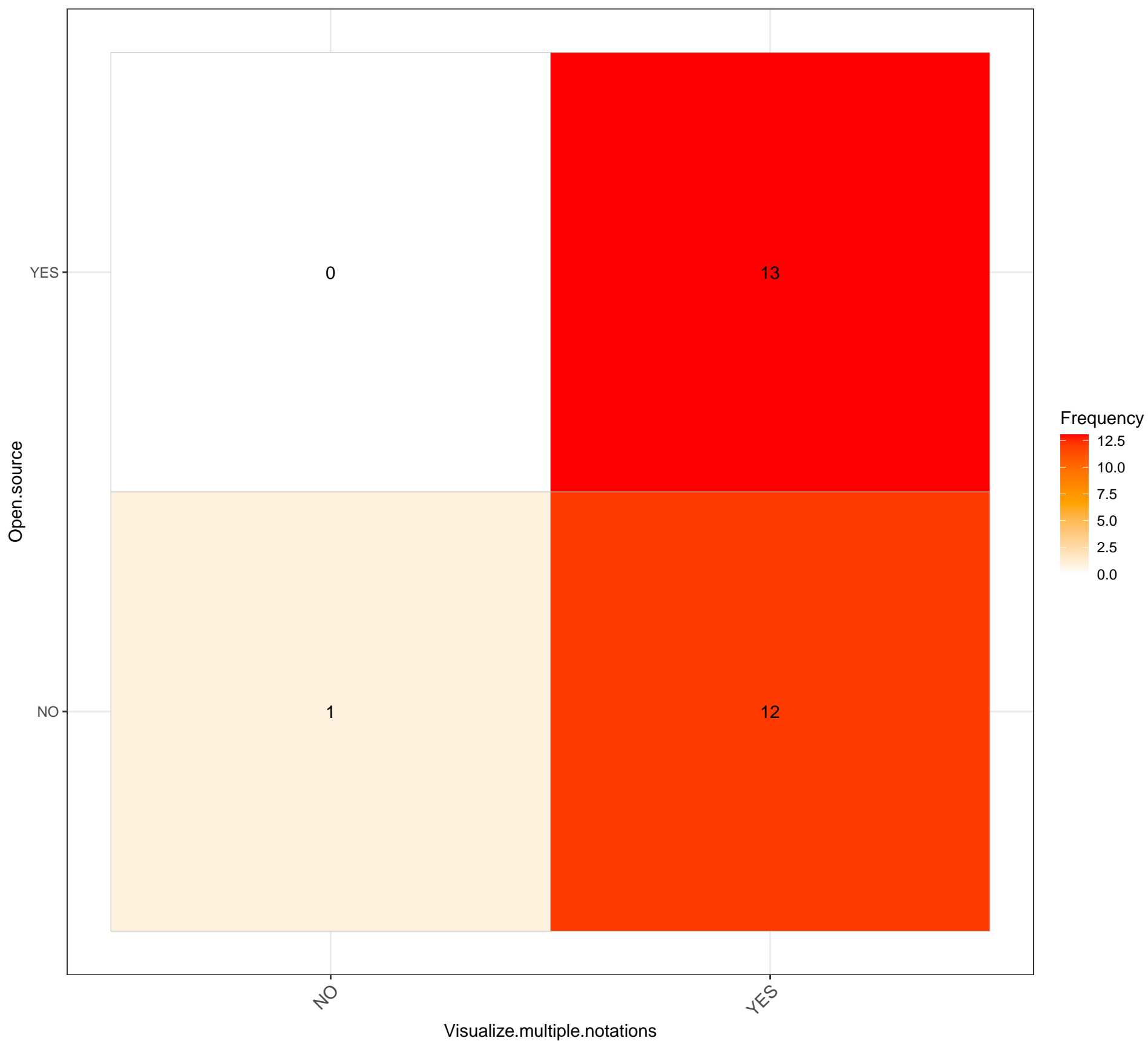
PARTIAL

Overlap

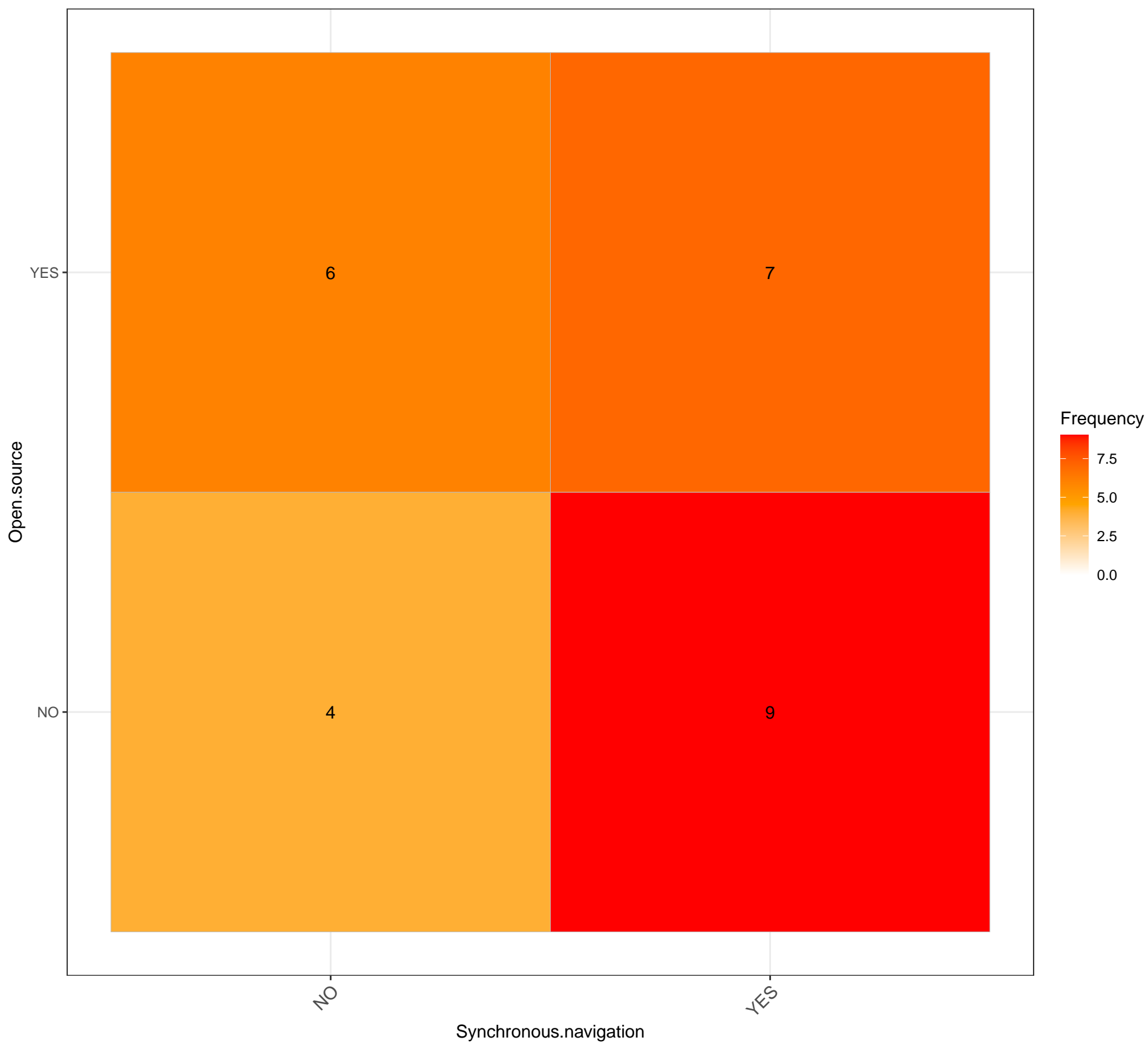
Frequency



Open.source_____Visualize.multiple.notations (Chi sq w/ Yates p= 1, p= 0.3078)



Open.source____Synchronous.navigation (Chi sq w/ Yates p= 0.6869, p= 0.4201)



Open.source____Navigation.among.notations (Chi sq w/ Yates p= 0.1626, p= 0.0626)

Open.source

YES

5

8

NO

1

12

COMPLEX

IMMEDIATE

Navigation.among.notations

Frequency

12

9

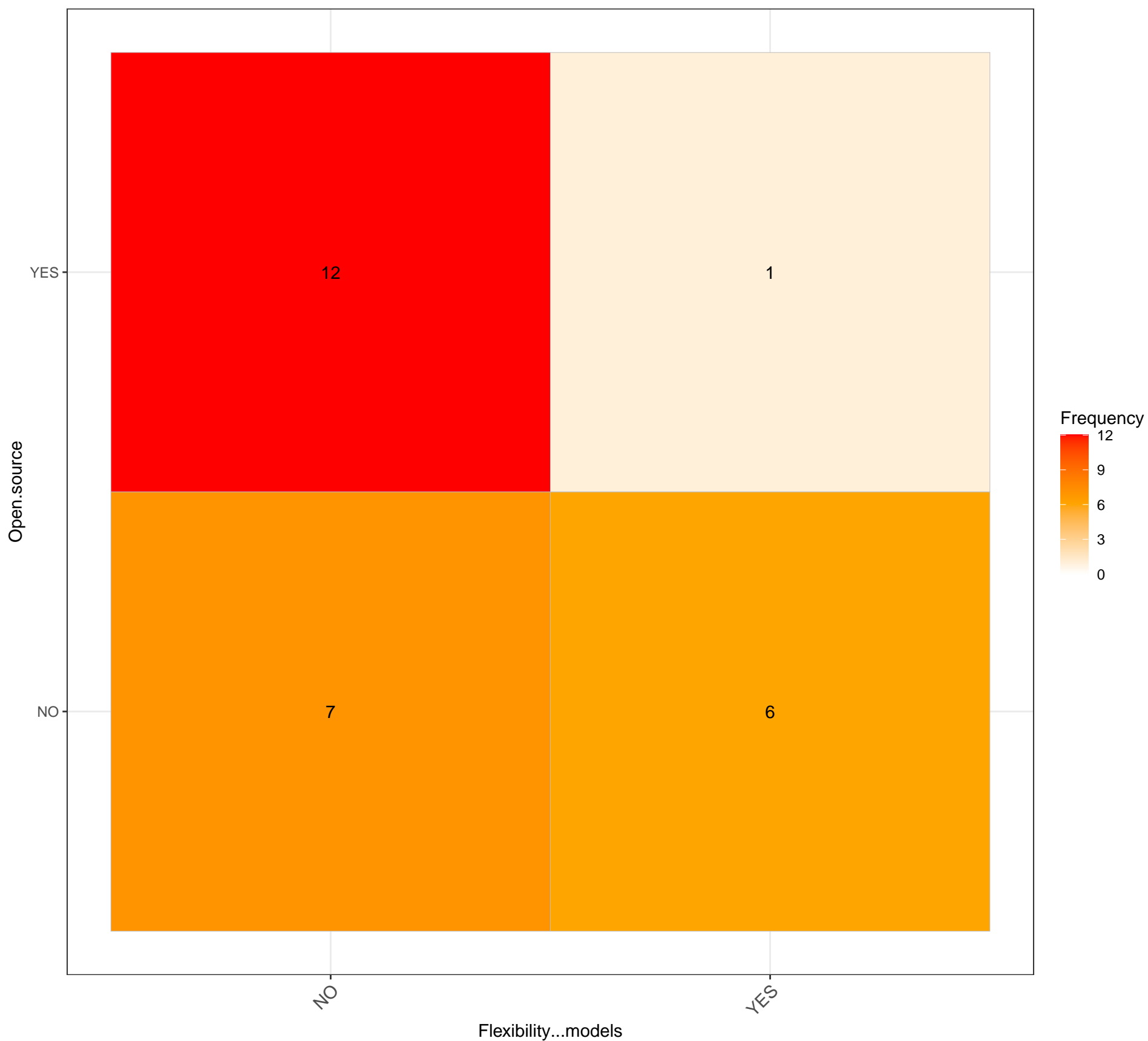
6

3

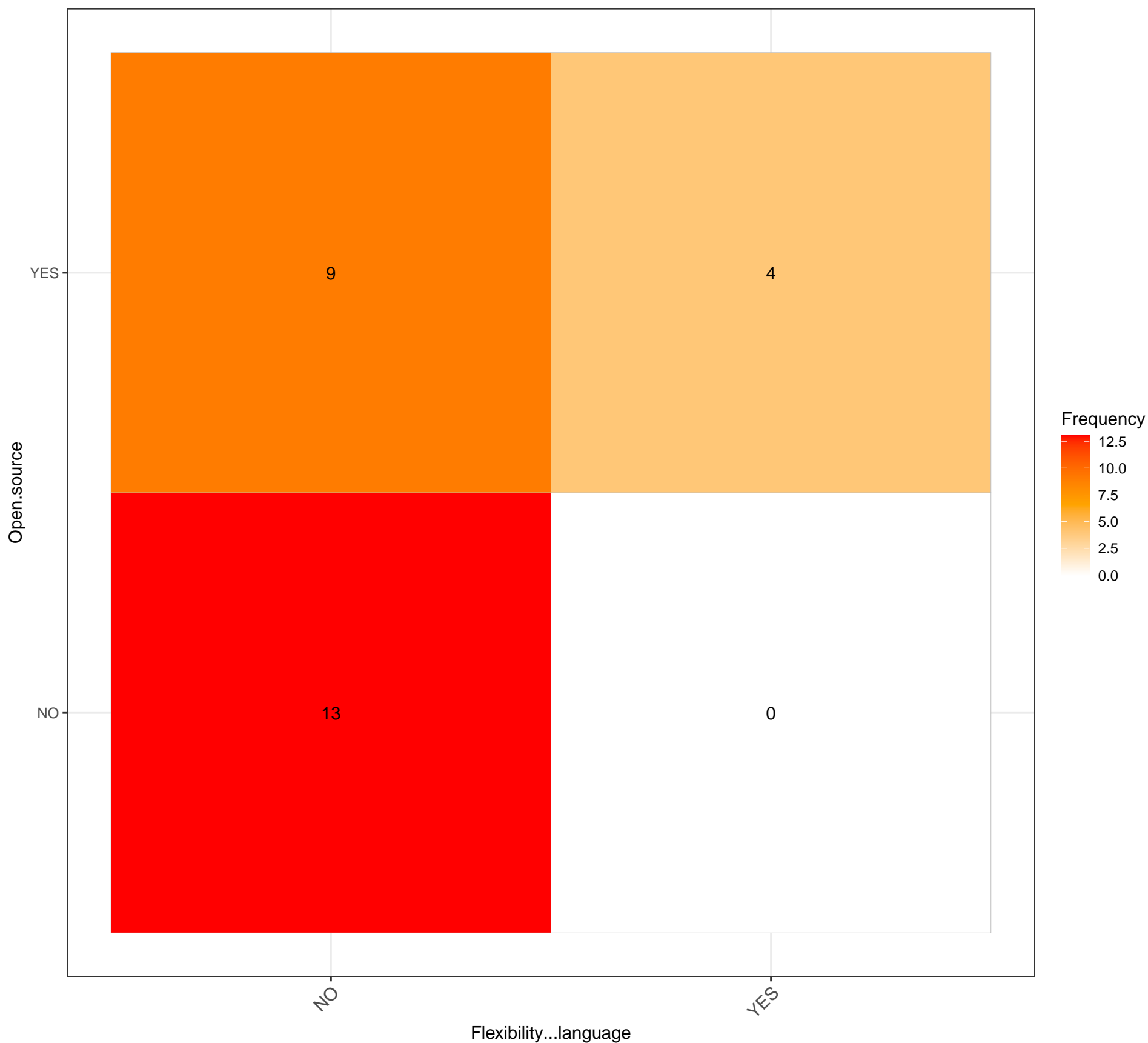
0



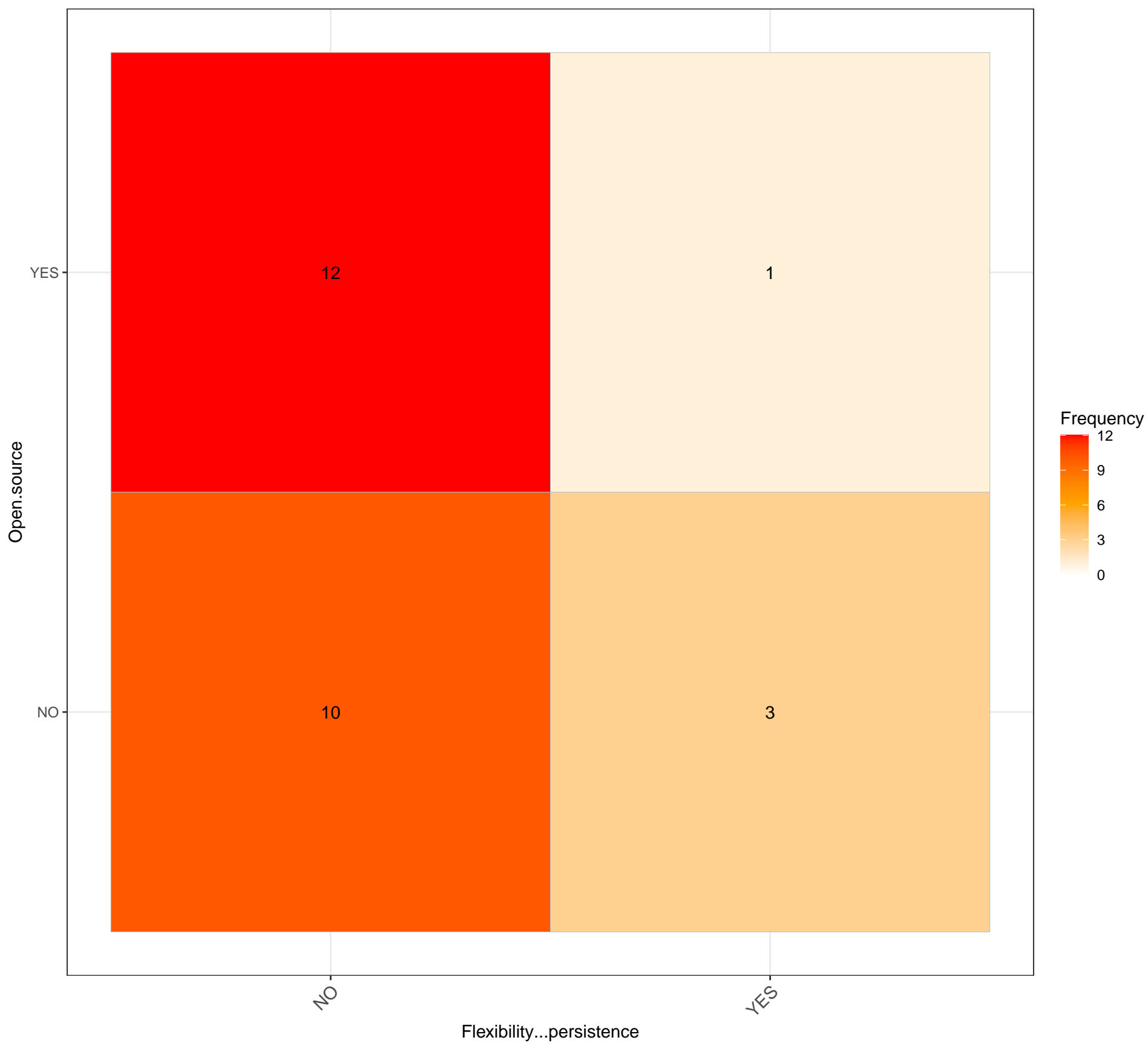
Open.source_____Flexibility...models (Chi sq w/ Yates p= 0.077, p= 0.0271)



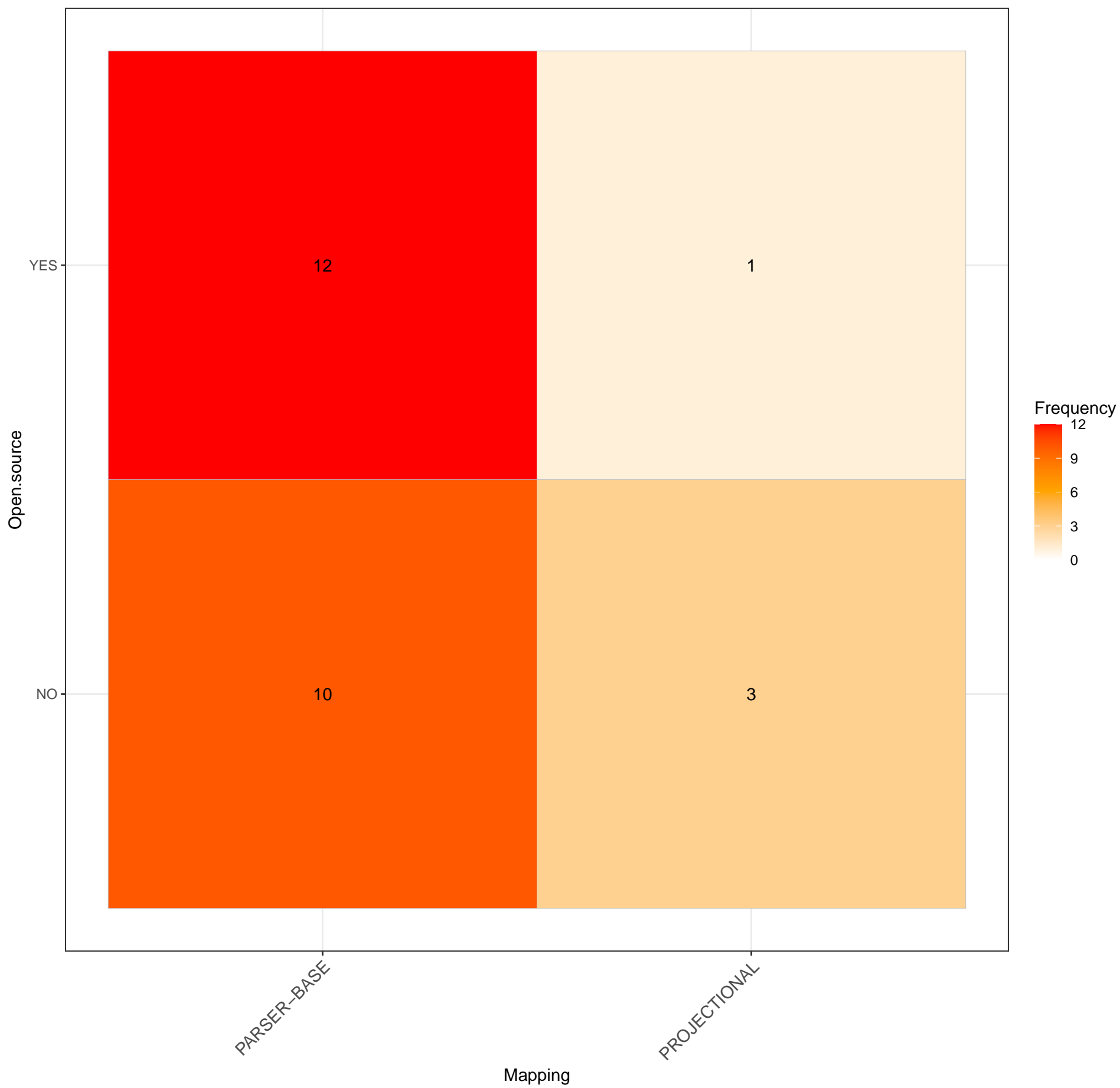
Open.source____Flexibility...language (Chi sq w/ Yates p= 0.103, p= 0.0297)



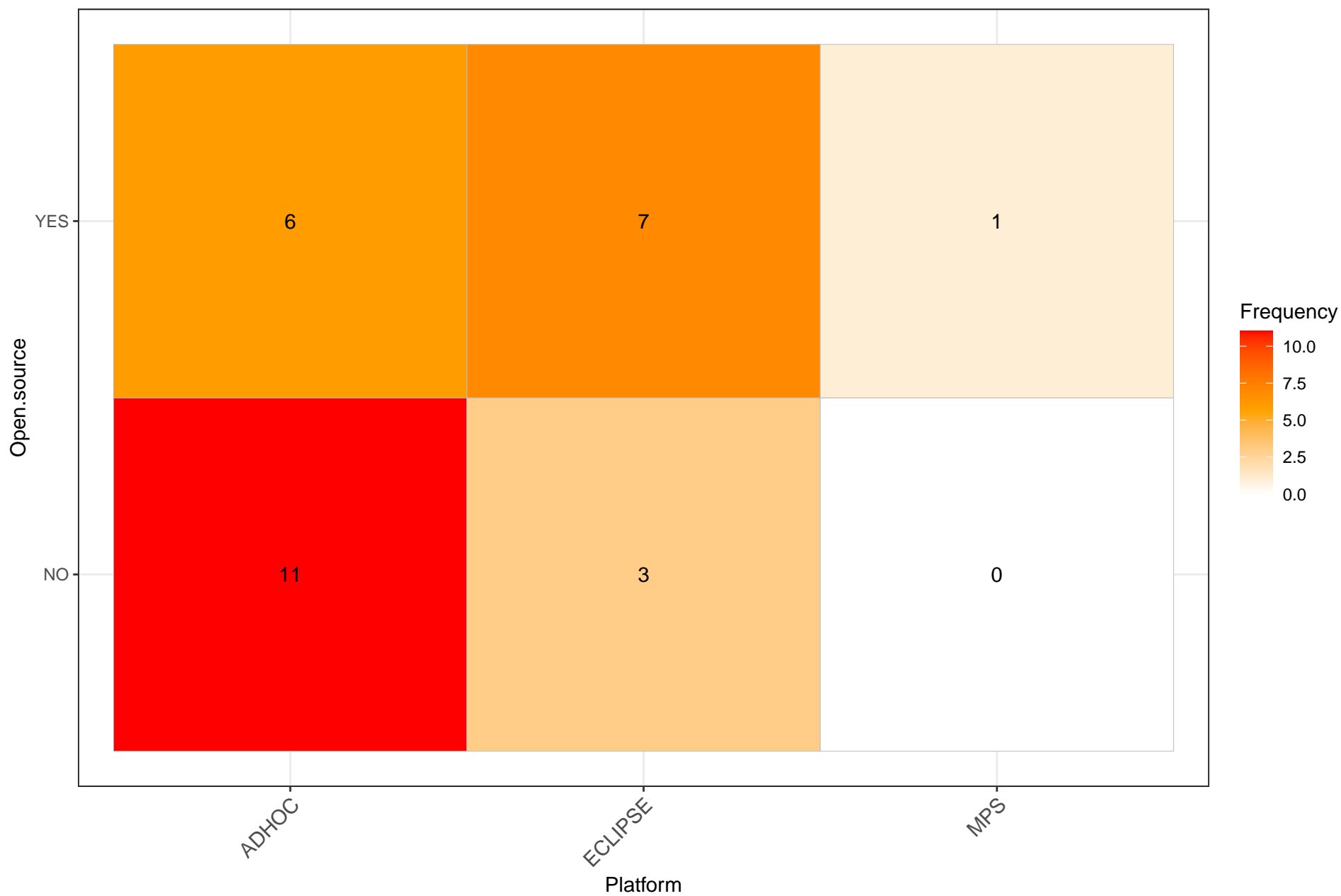
Open.source____Flexibility...persistence (Chi sq w/ Yates p= 0.5867, p= 0.277)



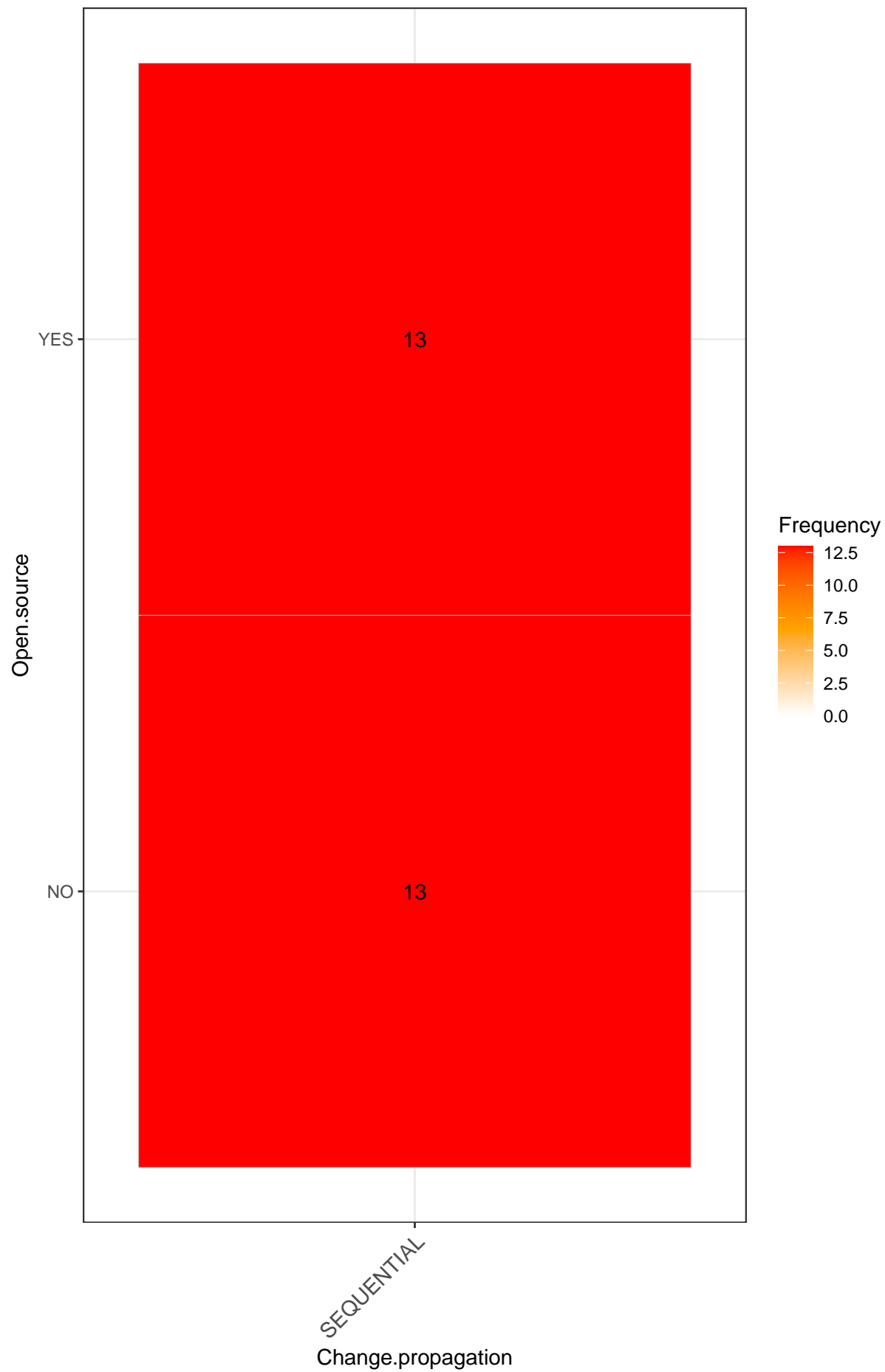
Open.source_____Mapping (Chi sq w/ Yates p= 0.5867, p= 0.277)



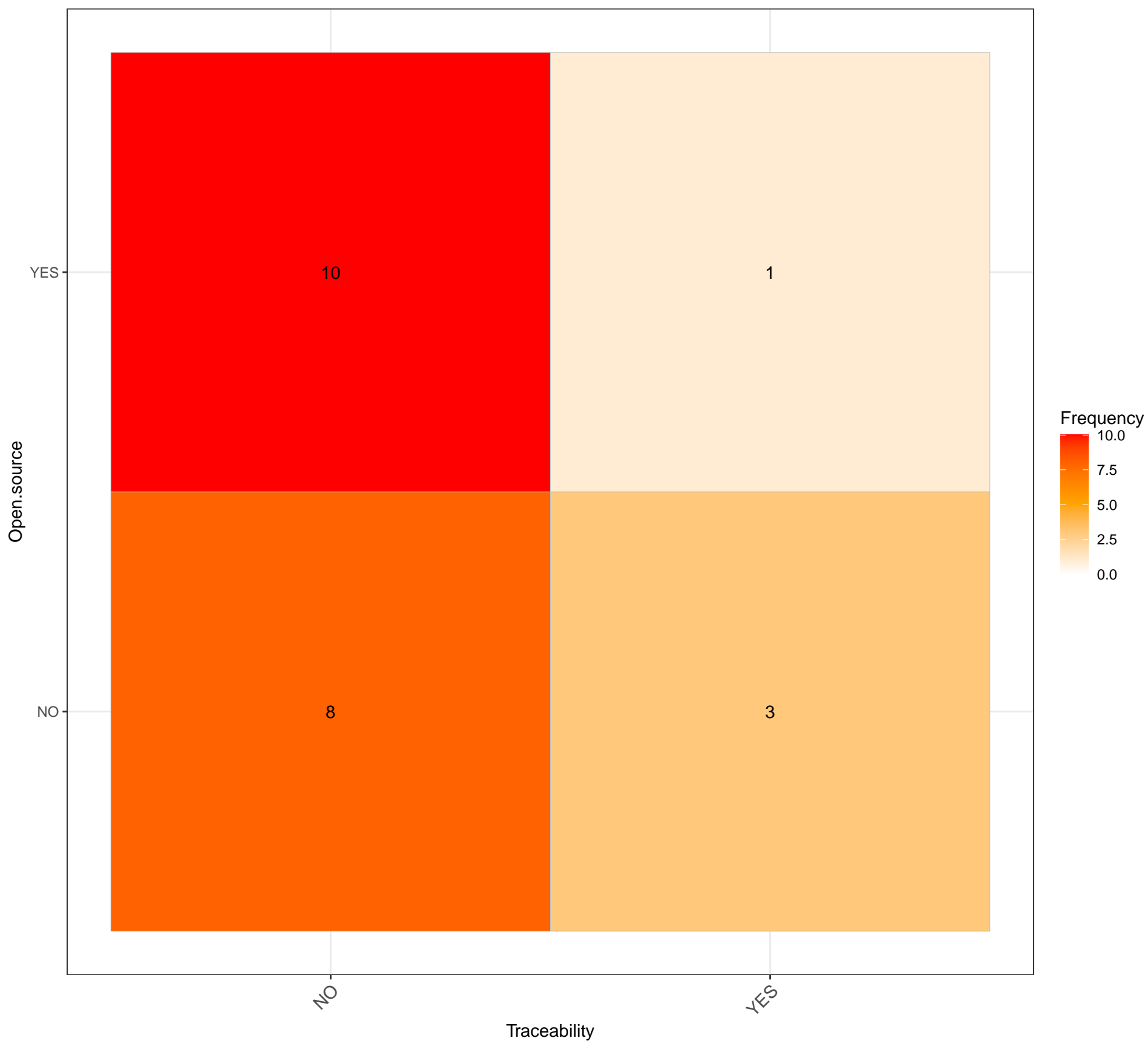
Open.source____Platform (Chi sq w/ Yates p= 0.1306, p= 0.1306)



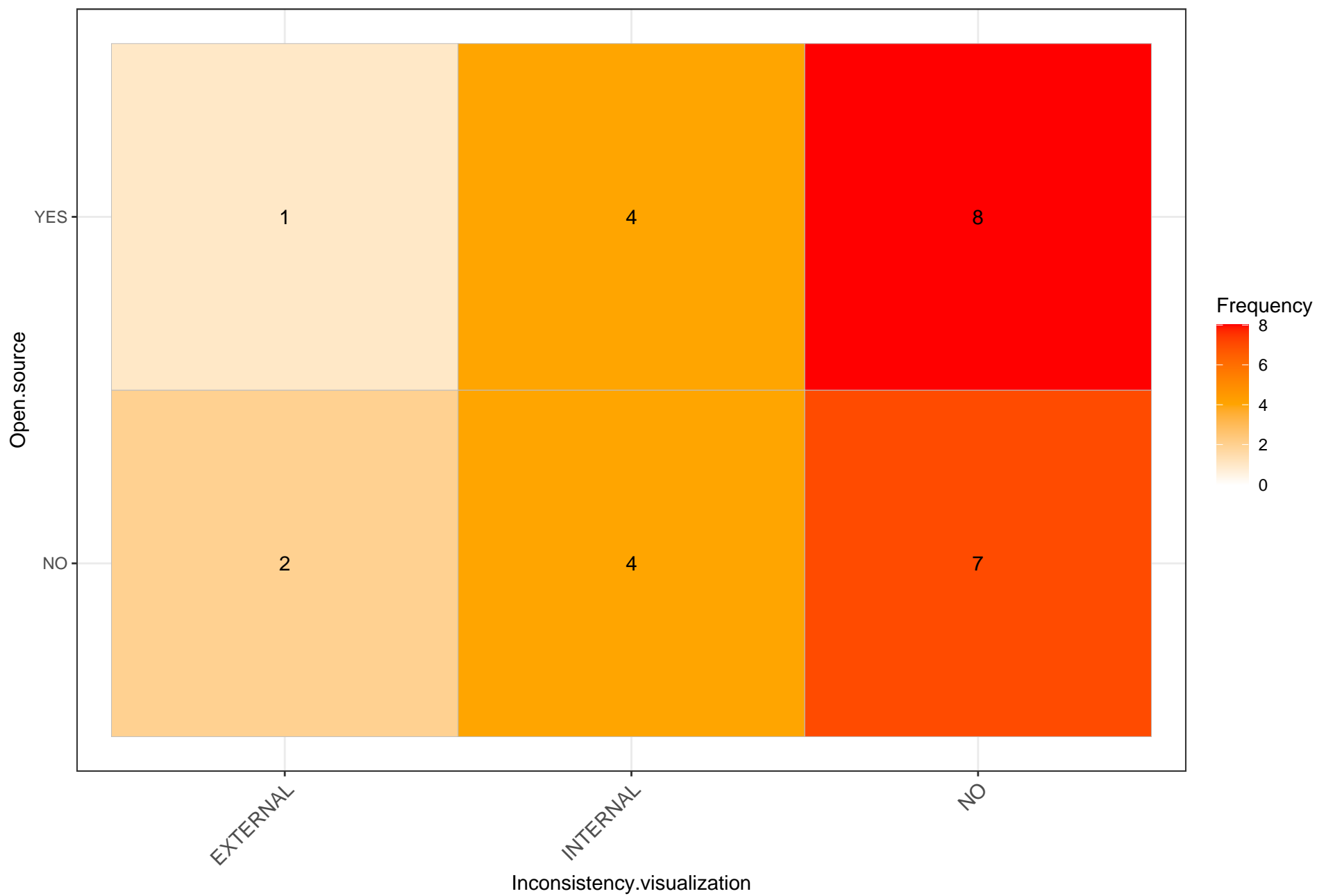
Open.source_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



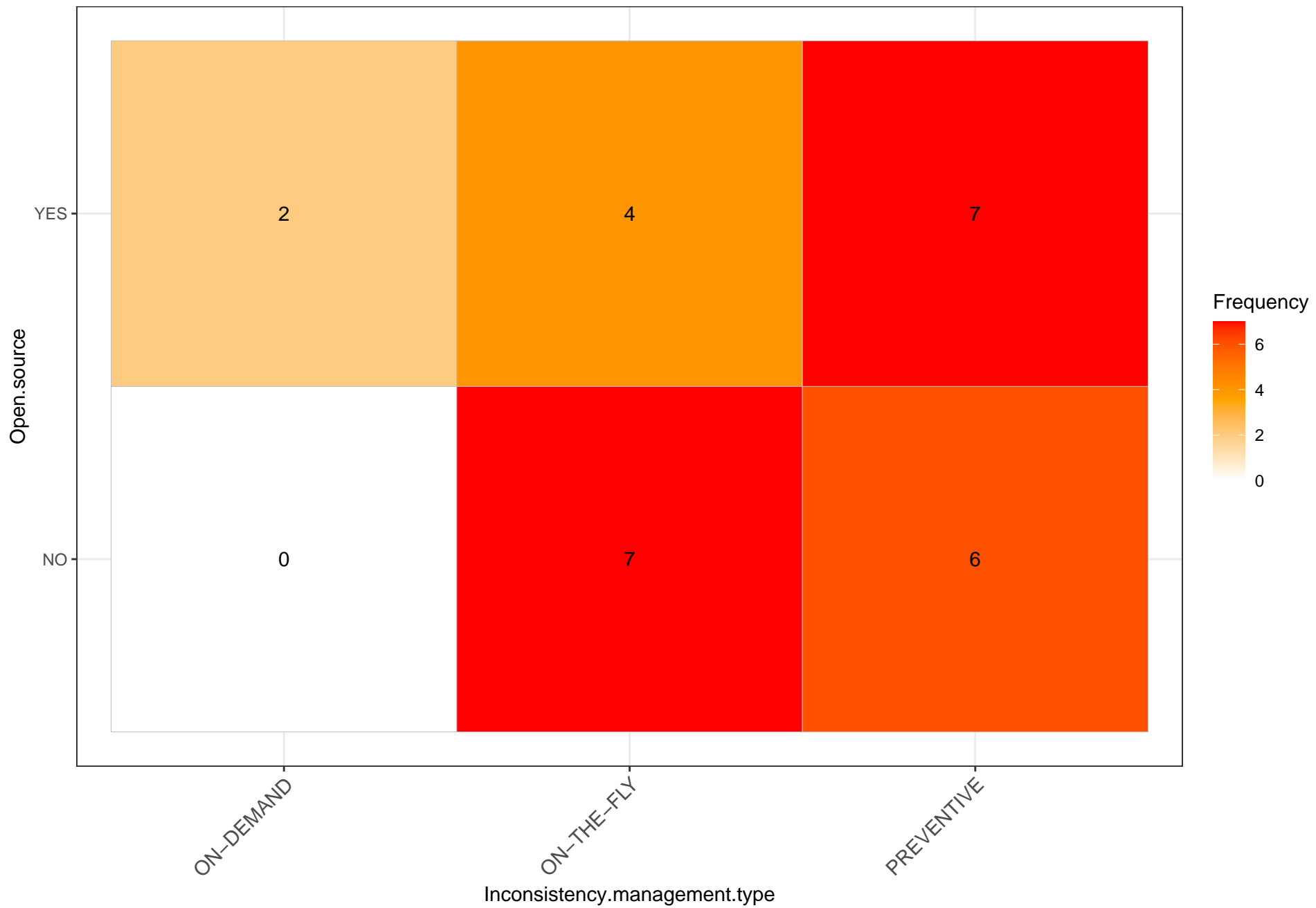
Open.source_____Traceability (Chi sq w/ Yates p= 0.5804, p= 0.2689)



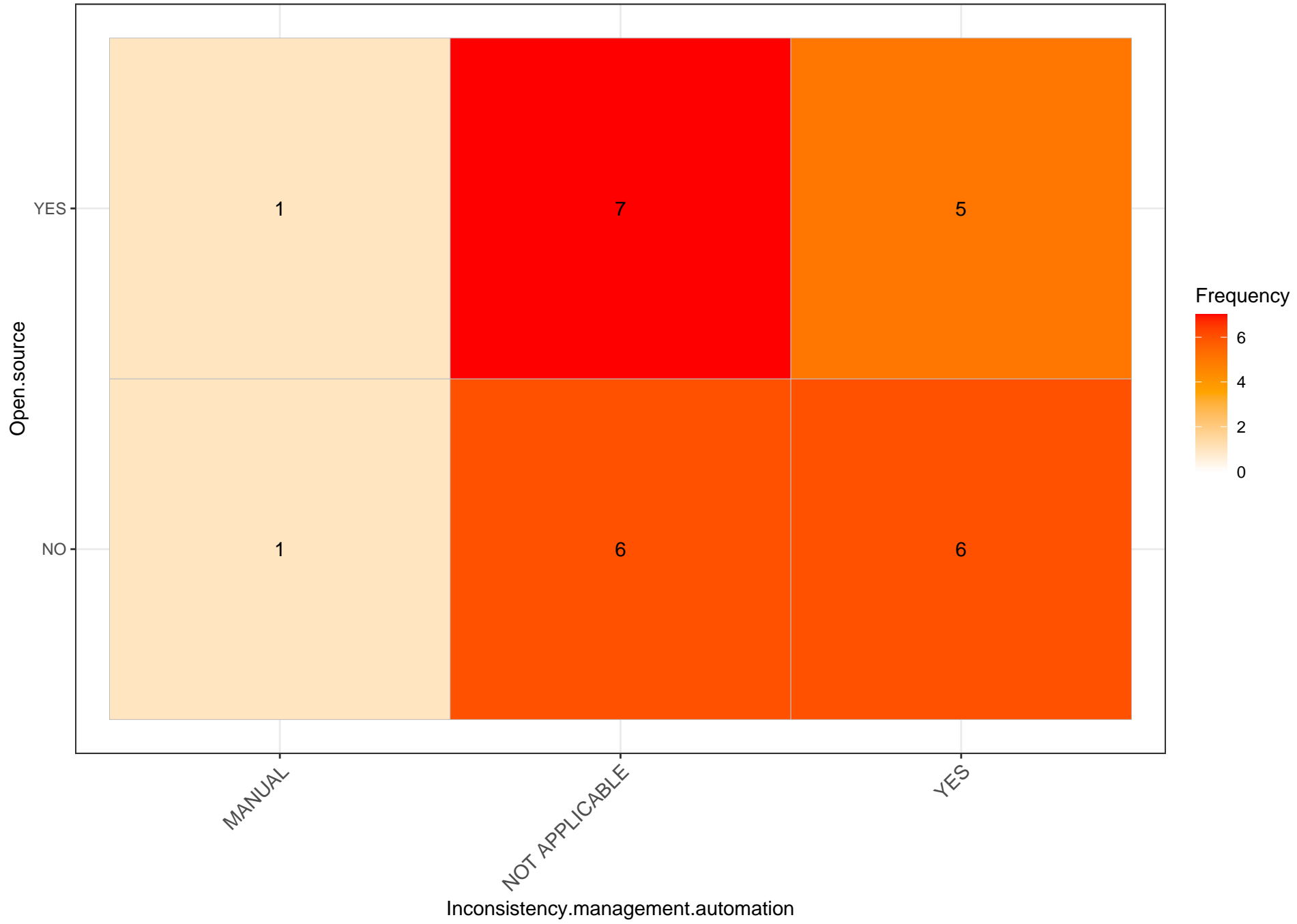
Open.source_____Inconsistency.visualization (Chi sq w/ Yates p= 0.8187, p= 0.8187)



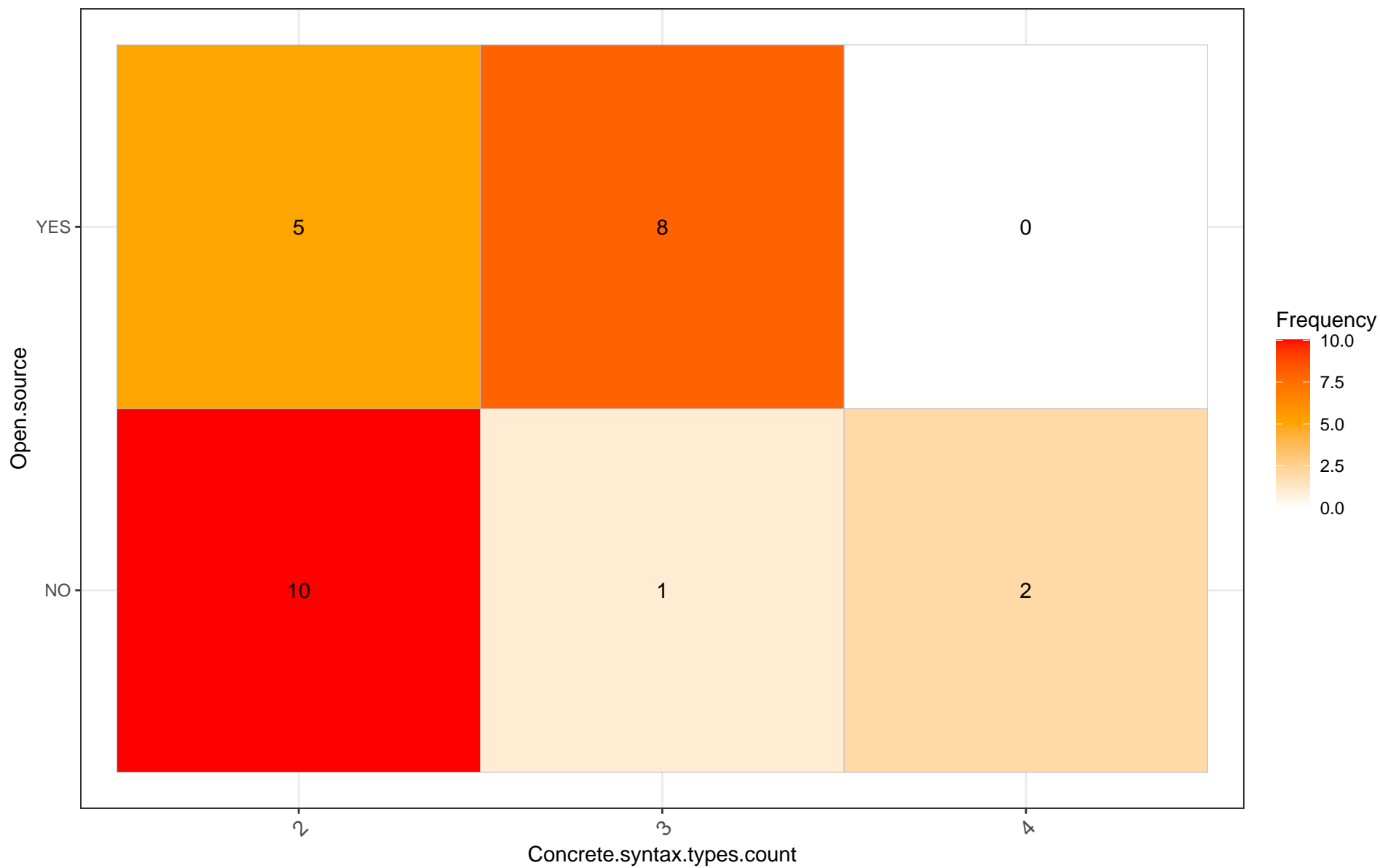
Open.source_____Inconsistency.management.type (Chi sq w/ Yates p= 0.2351, p= 0.2351)



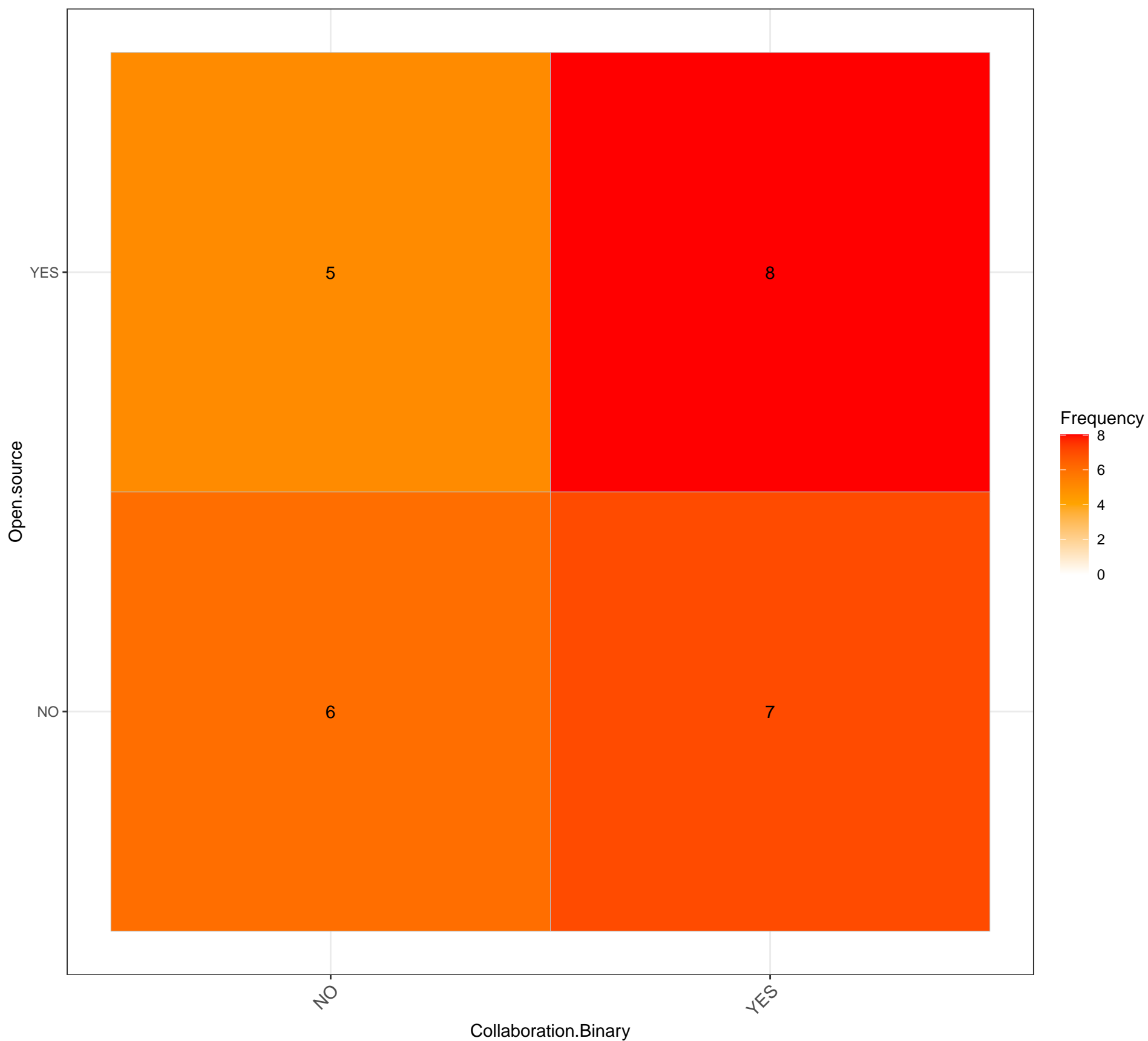
Open.source____Inconsistency.management.automation (Chi sq w/ Yates p= 0.9195, p= 0.9195)



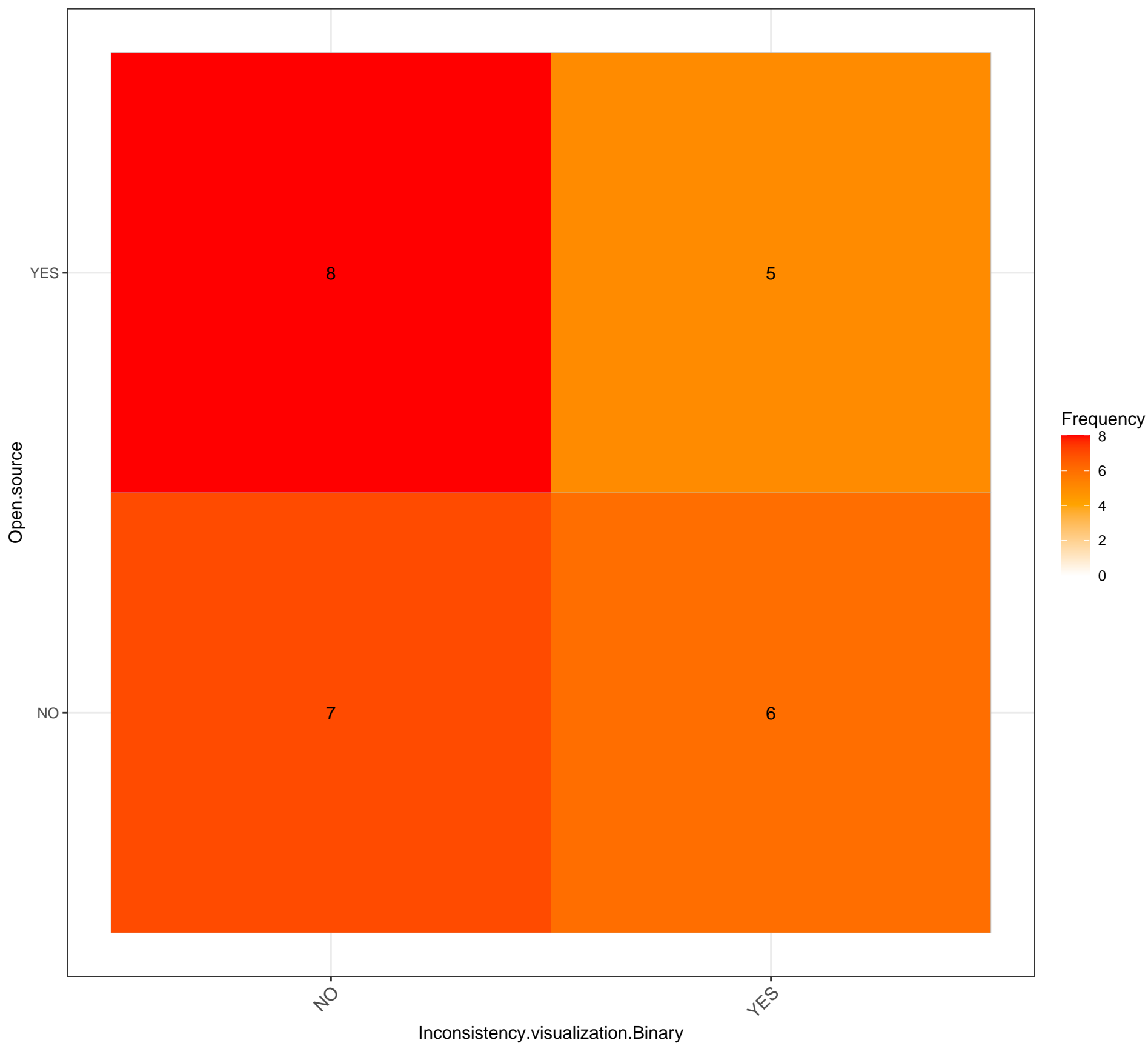
Open.source_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.0105, p= 0.0105)



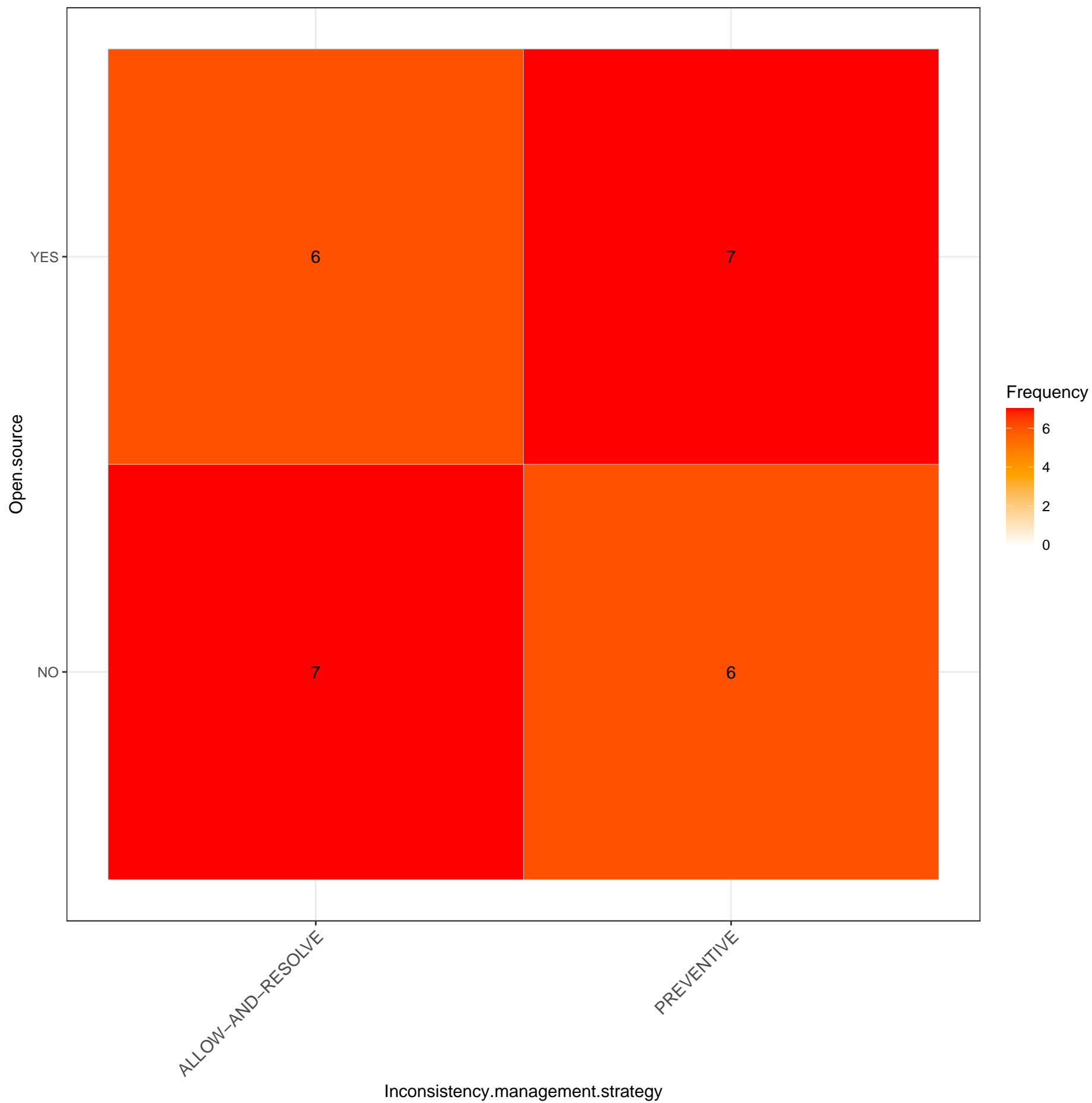
Open.source____Collaboration.Binary (Chi sq w/ Yates p= 1, p= 0.6914)



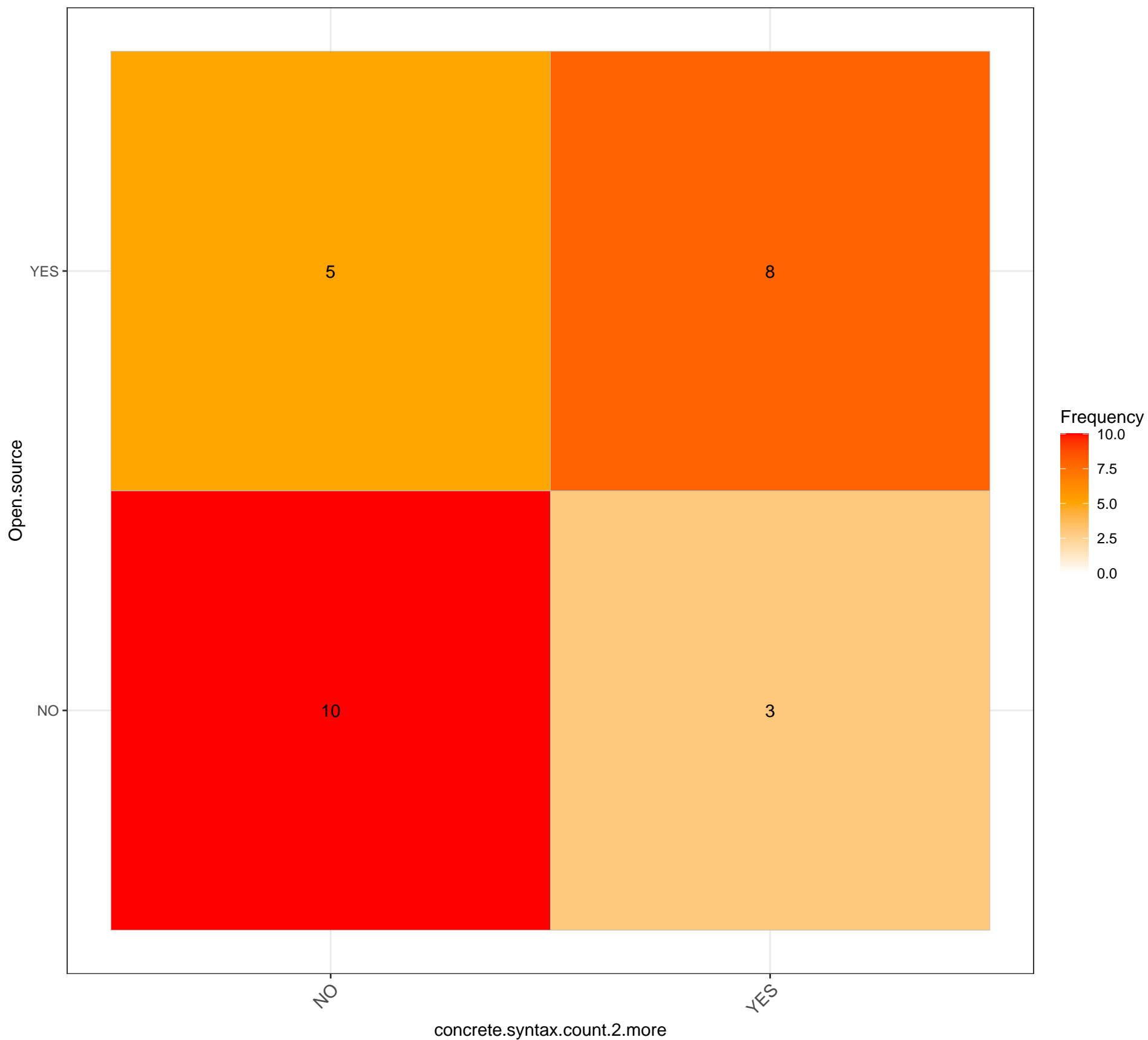
Open.source_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 1, p= 0.6914)



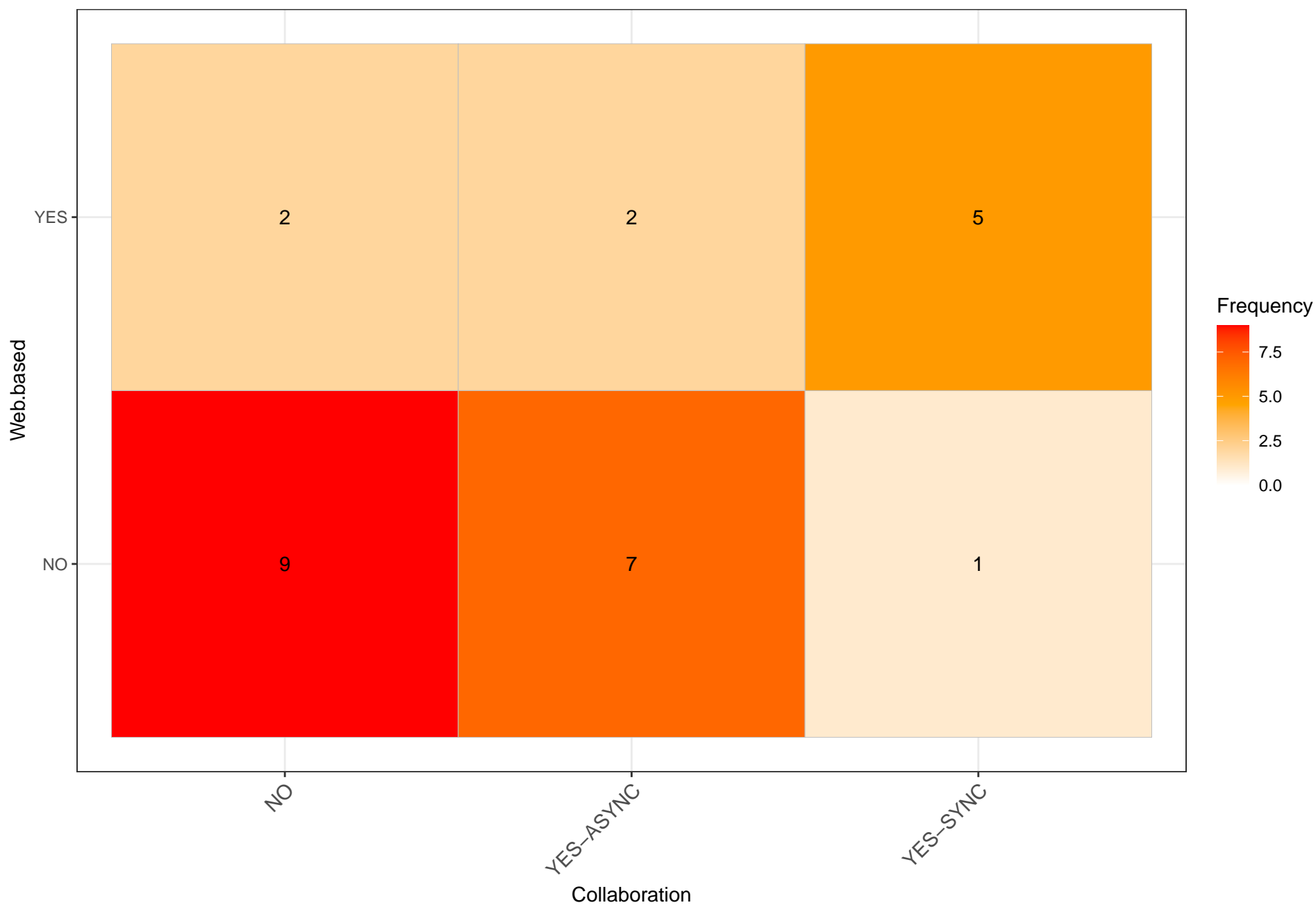
Open.source_____Inconsistency.management.strategy (Chi sq w/ Yates p= 1, p= 0.6949)



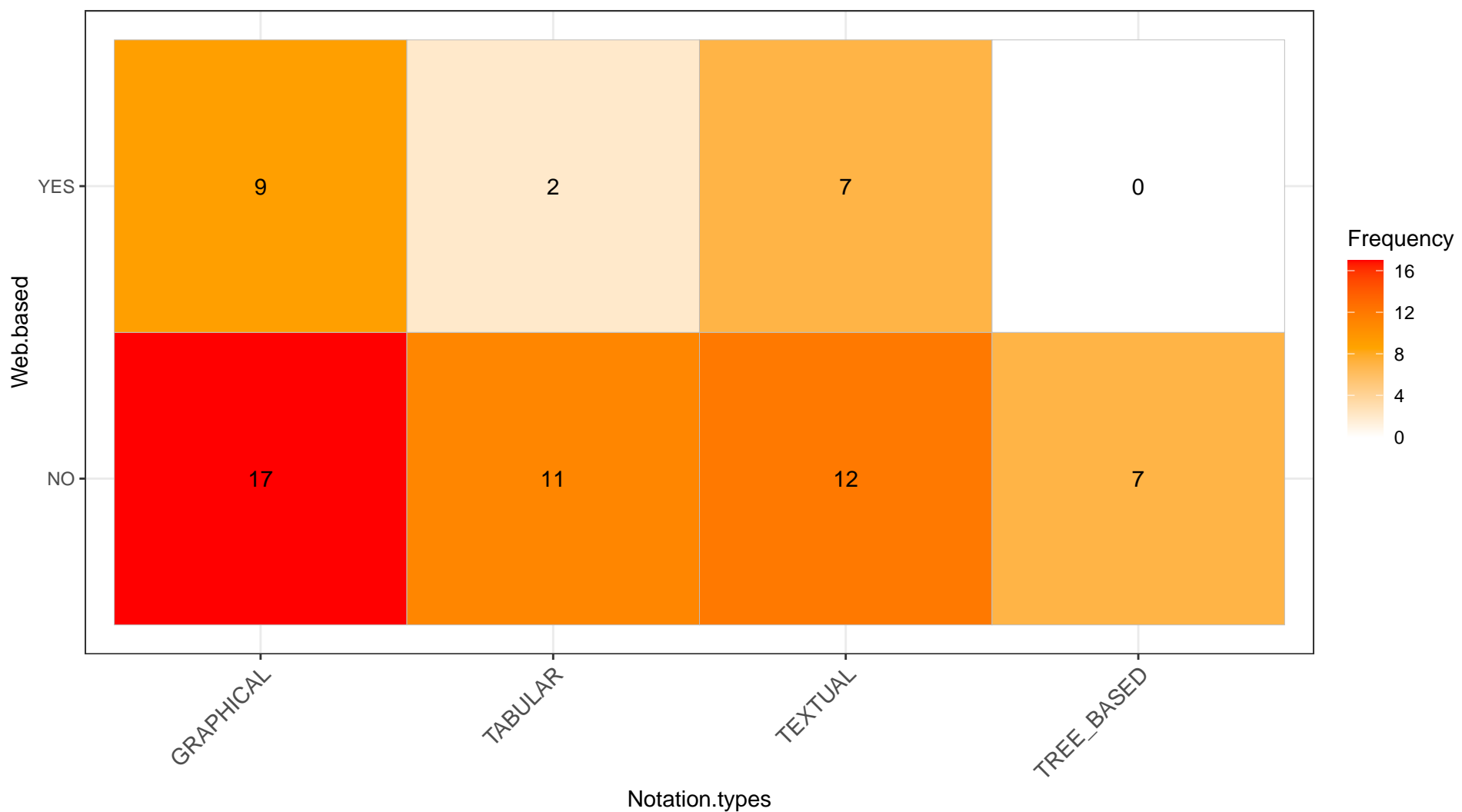
Open.source____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.1123, p= 0.0472)



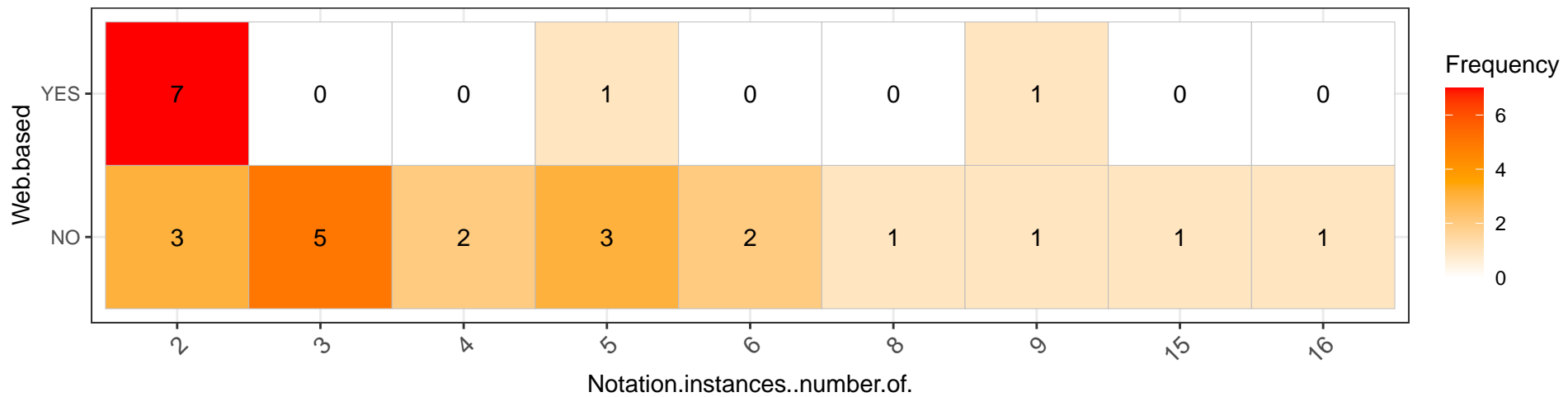
Web.based Collaboration (Chi sq w/ Yates p= 0.0164, p= 0.0164)



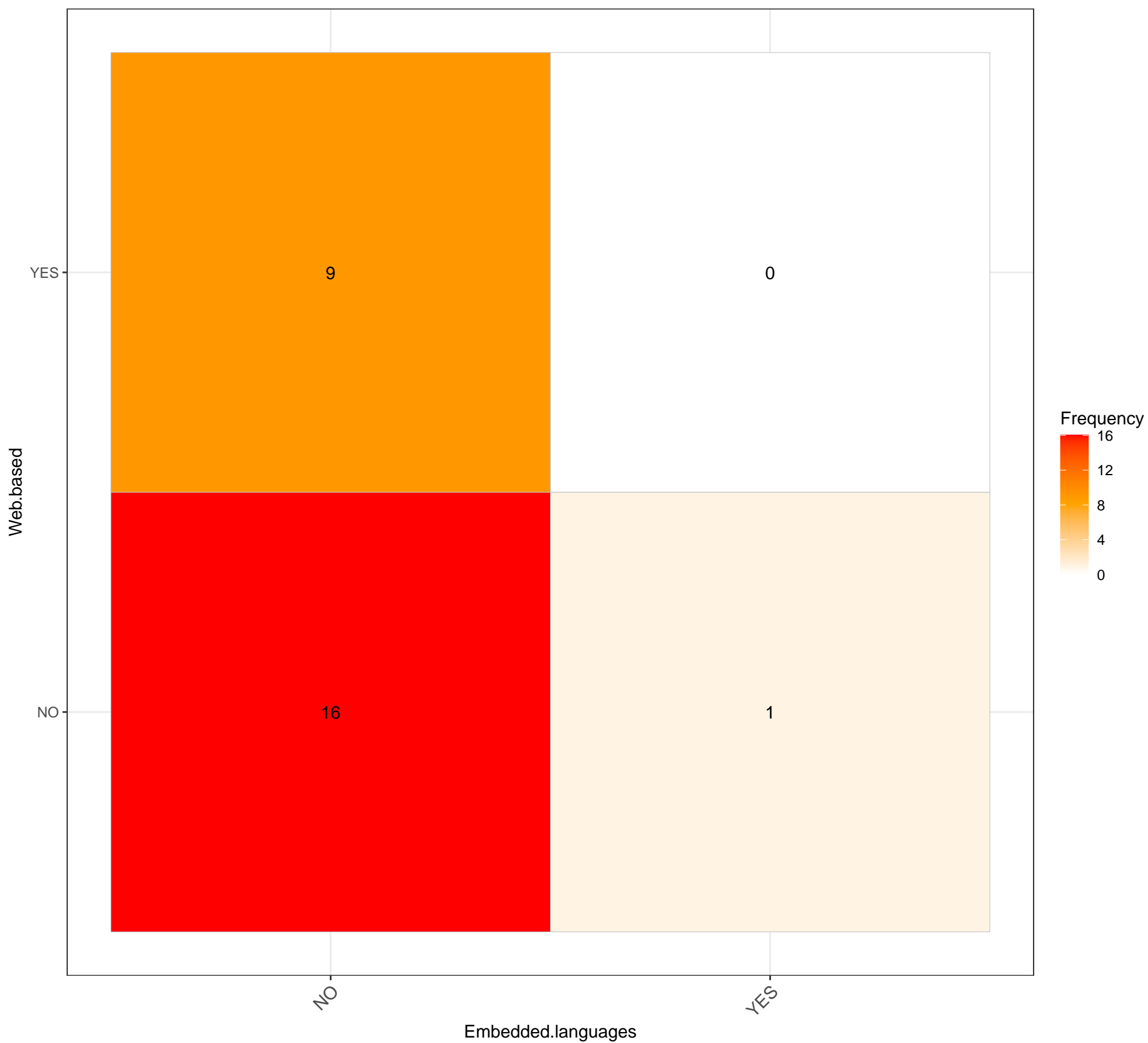
Web.based____Notation.types (Chi sq w/ Yates p= 0.166, p= 0.166)



Web.based_____Notation.instances..number.of. (Chi sq w/ Yates p= 0.1248, p= 0.1248)



Web.based_____Embedded.languages (Chi sq w/ Yates p= 1, p= 0.4581)



Web.based_____Overlap (Chi sq w/ Yates p= 0.0642, p= 0.0176)

Web.based

YES

4

5

NO

1

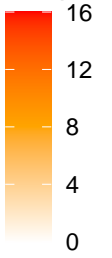
16

COMPLETE

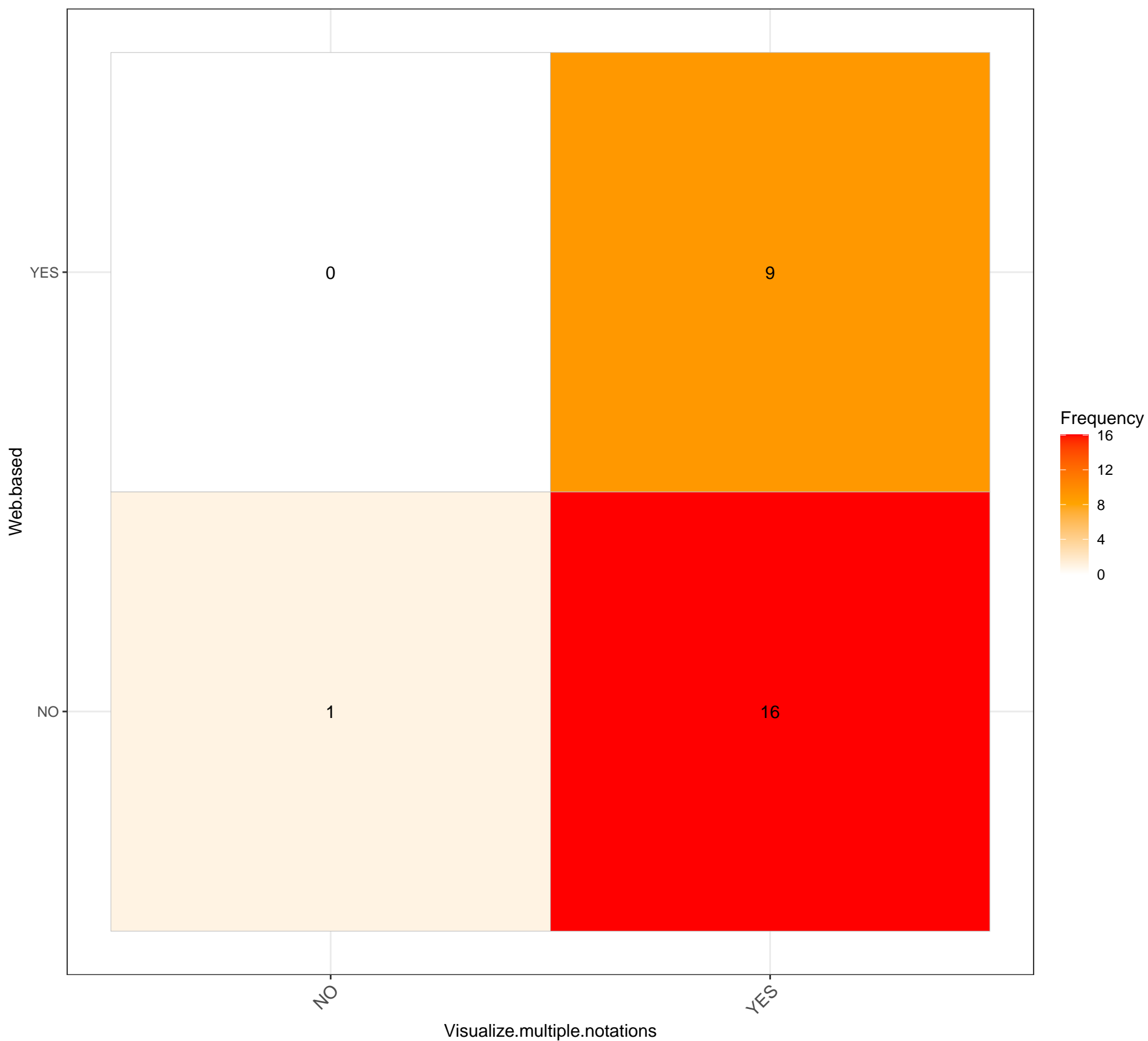
PARTIAL

Overlap

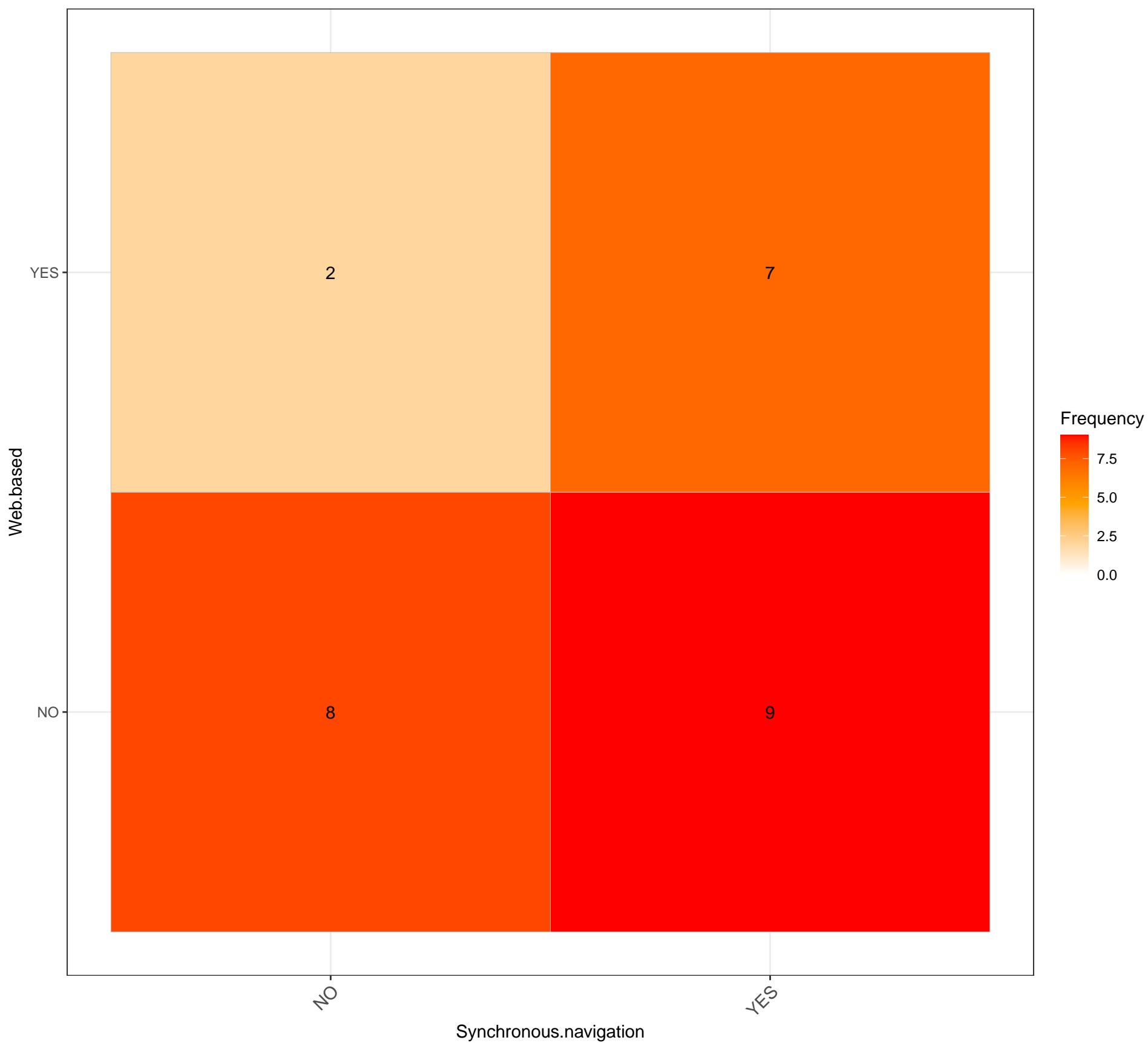
Frequency



Web.based____Visualize.multiple.notations (Chi sq w/ Yates p= 1, p= 0.4581)



Web.based____Synchronous.navigation (Chi sq w/ Yates p= 0.4152, p= 0.2156)



Web.based_____Navigation.among.notations (Chi sq w/ Yates p= 1, p= 0.94)

Web.based

YES

2

7

NO

4

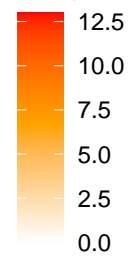
13

COMPLEX

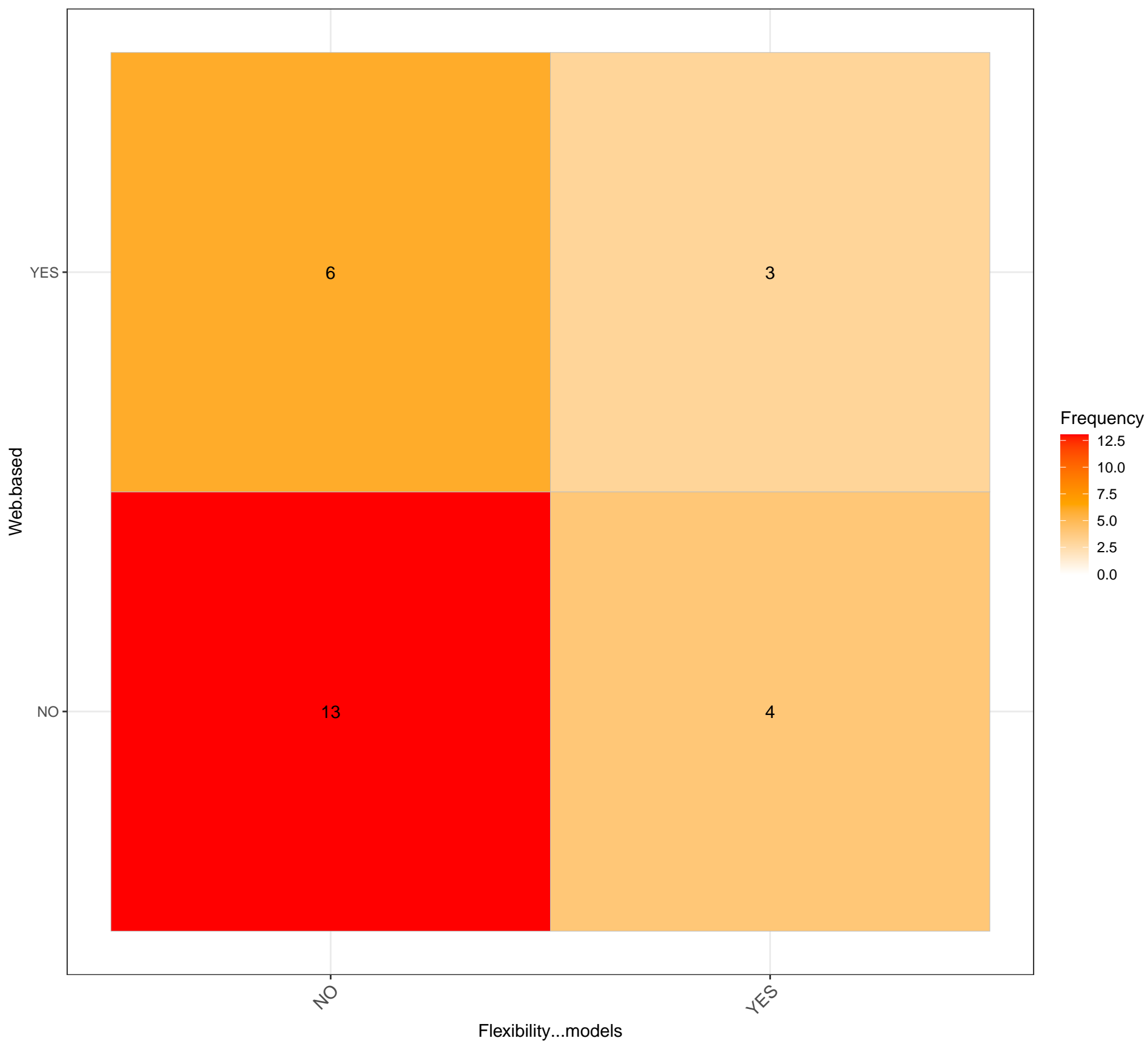
IMMEDIATE

Navigation.among.notations

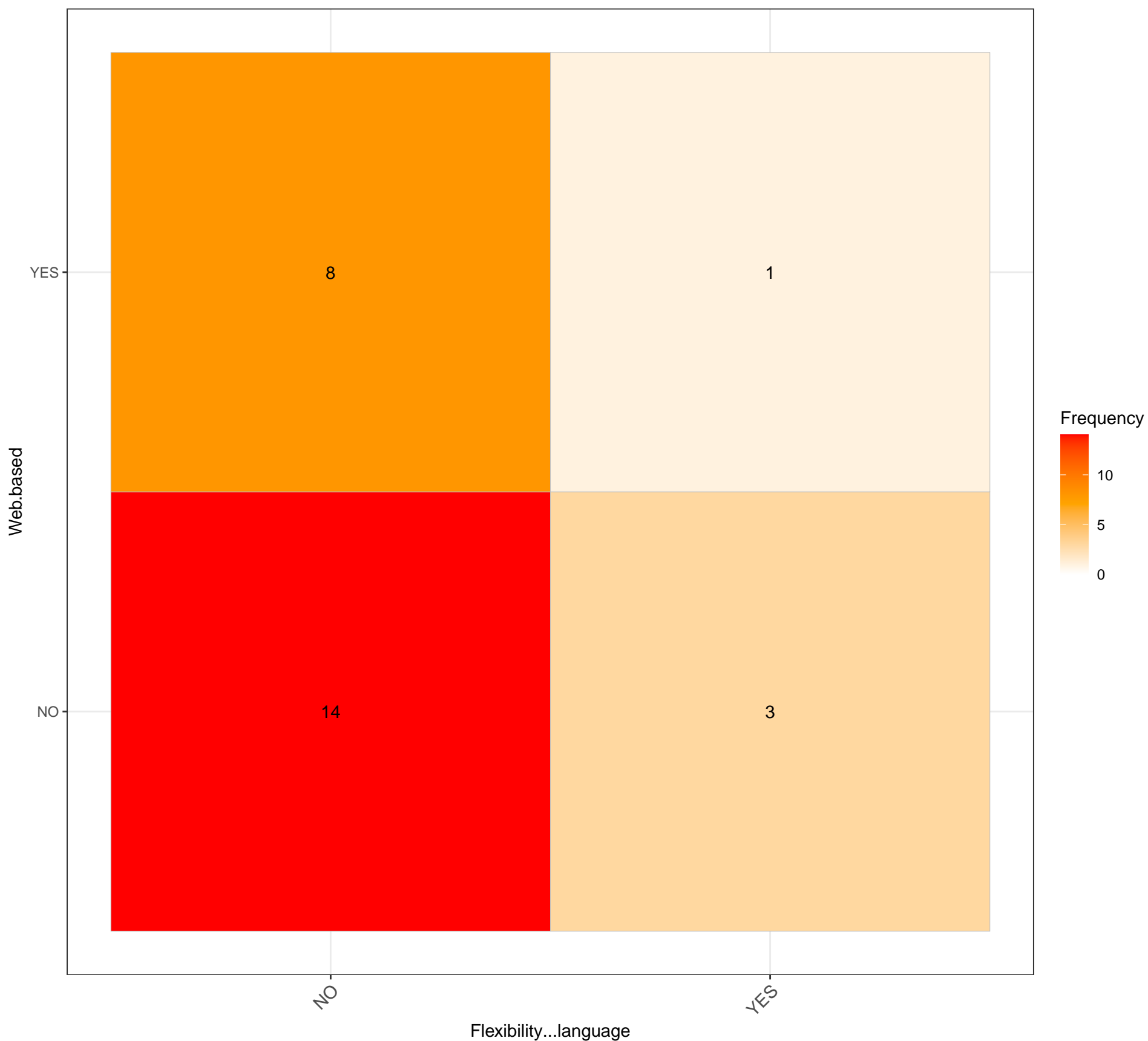
Frequency



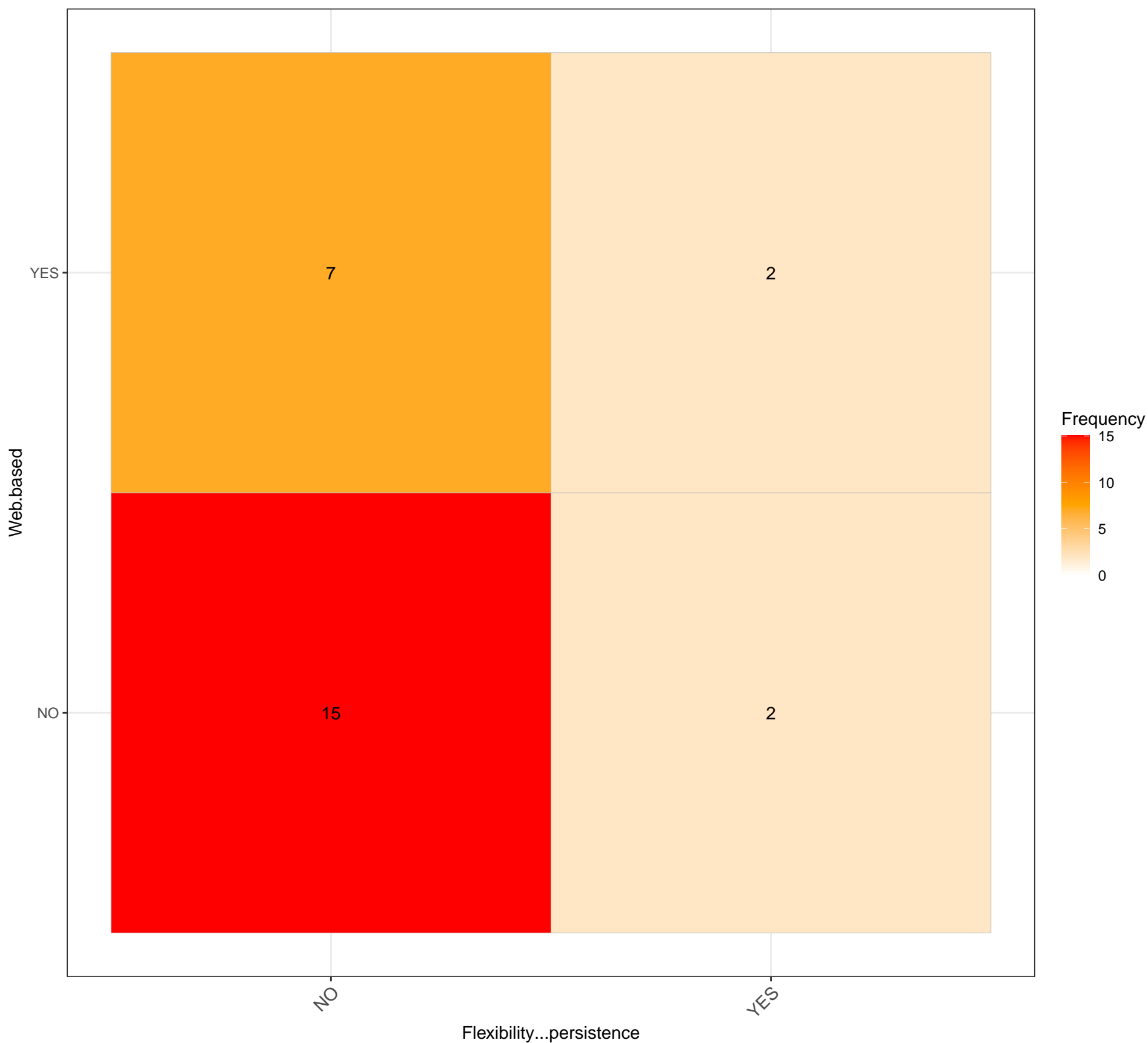
Web.based____Flexibility...models (Chi sq w/ Yates p= 0.943, p= 0.5918)



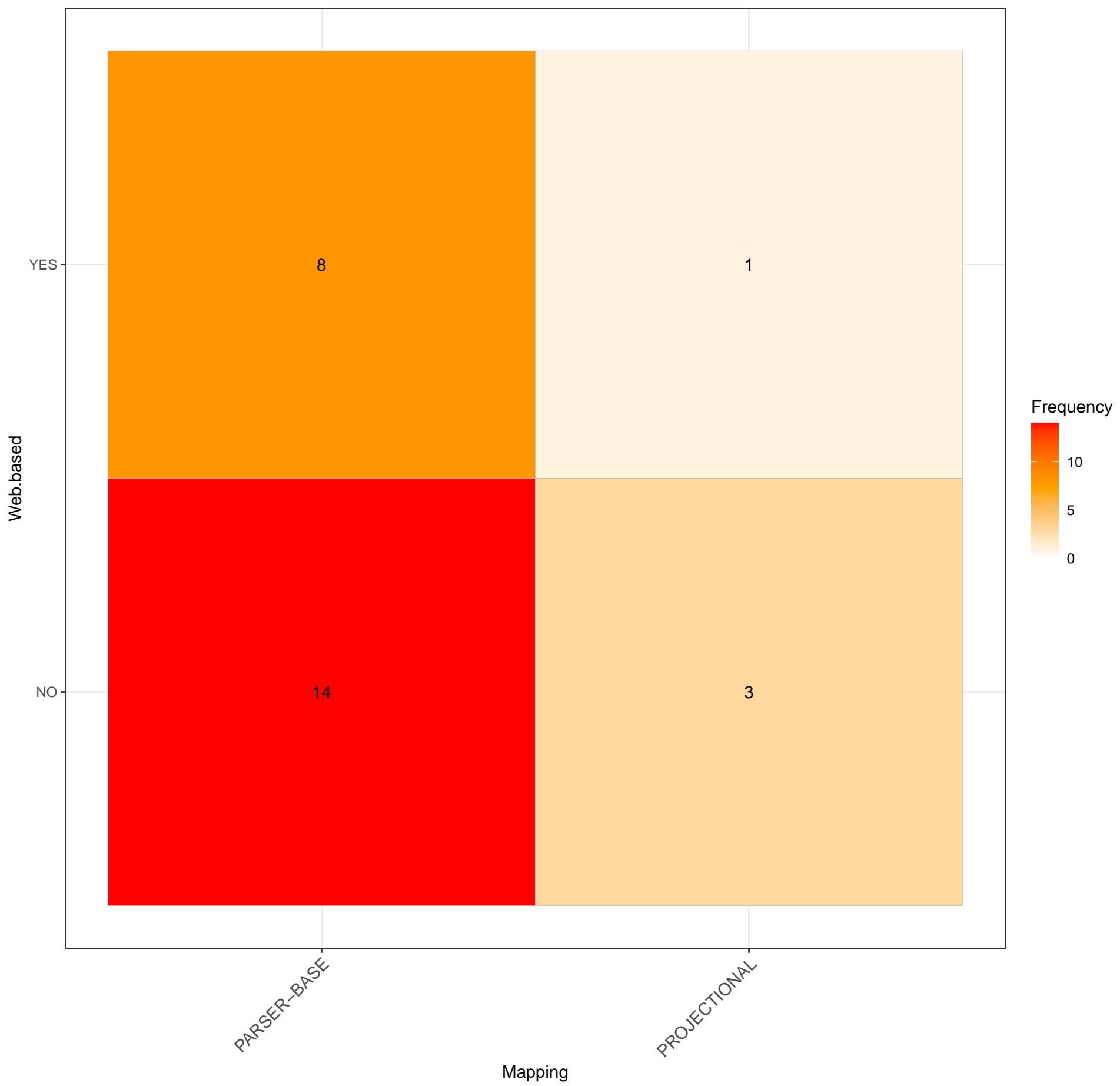
Web.based____Flexibility...language (Chi sq w/ Yates p= 1, p= 0.6603)



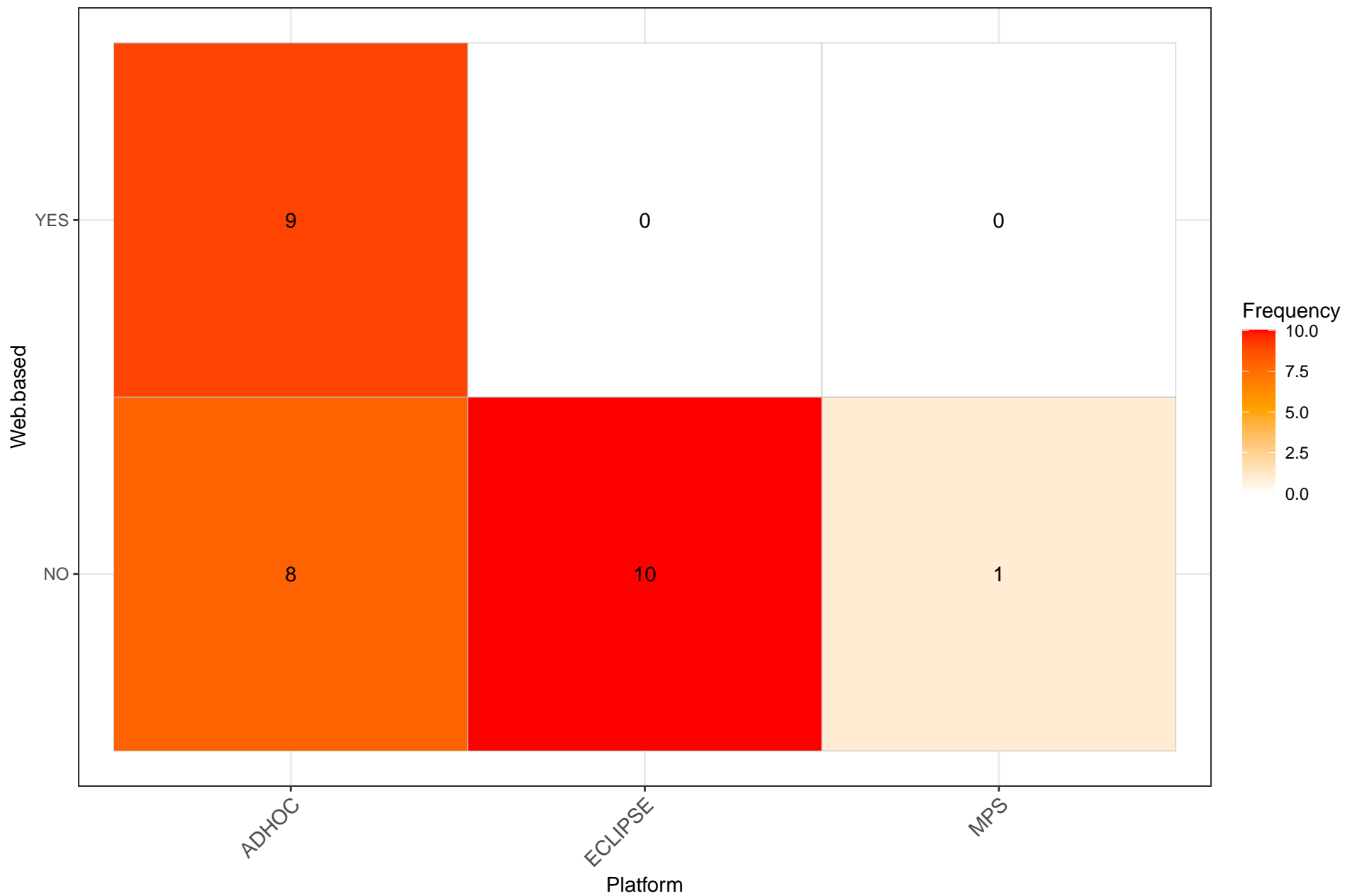
Web.based____Flexibility...persistence (Chi sq w/ Yates p= 0.8951, p= 0.482)



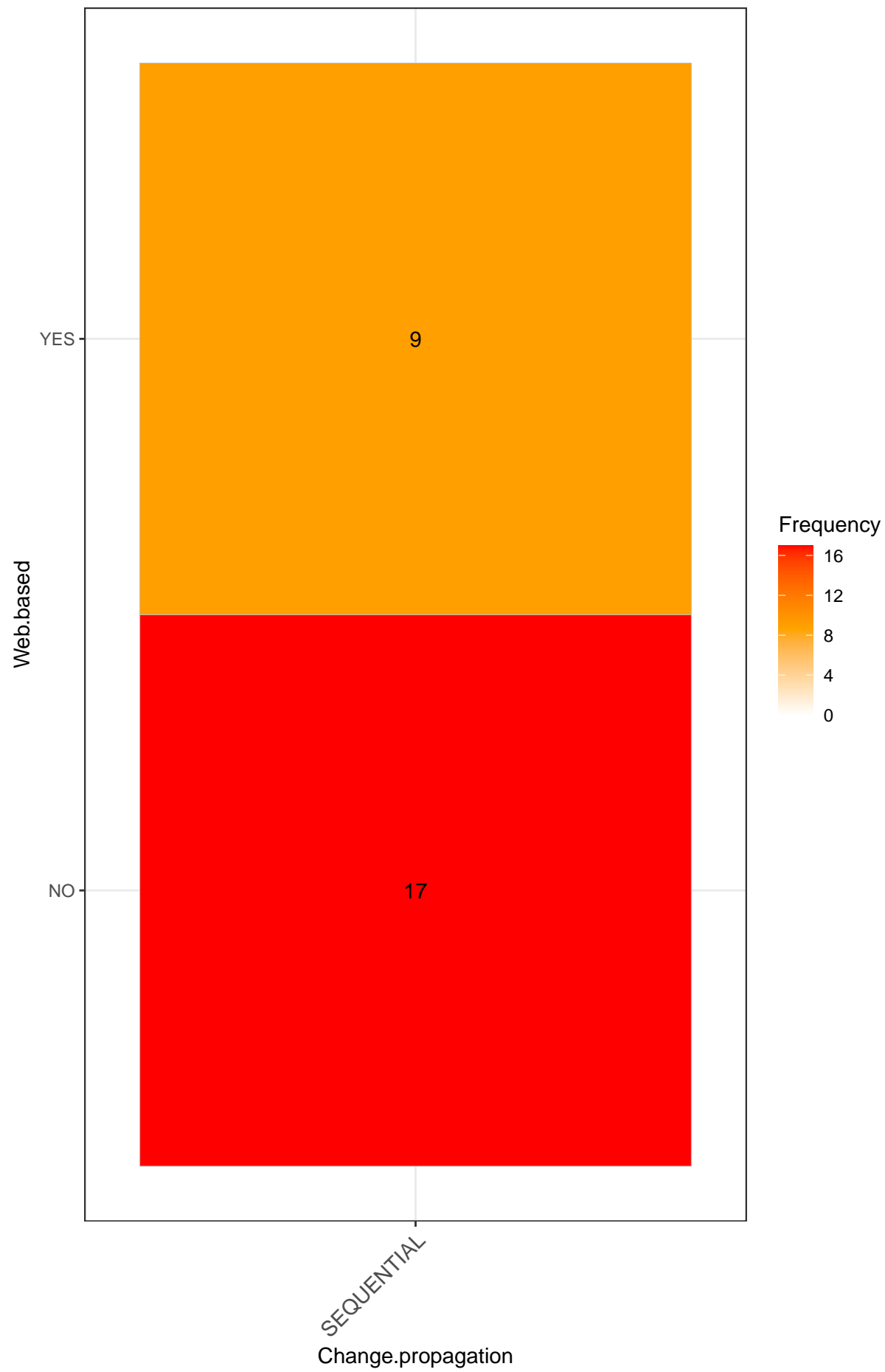
Web.based_____Mapping (Chi sq w/ Yates p= 1, p= 0.6603)



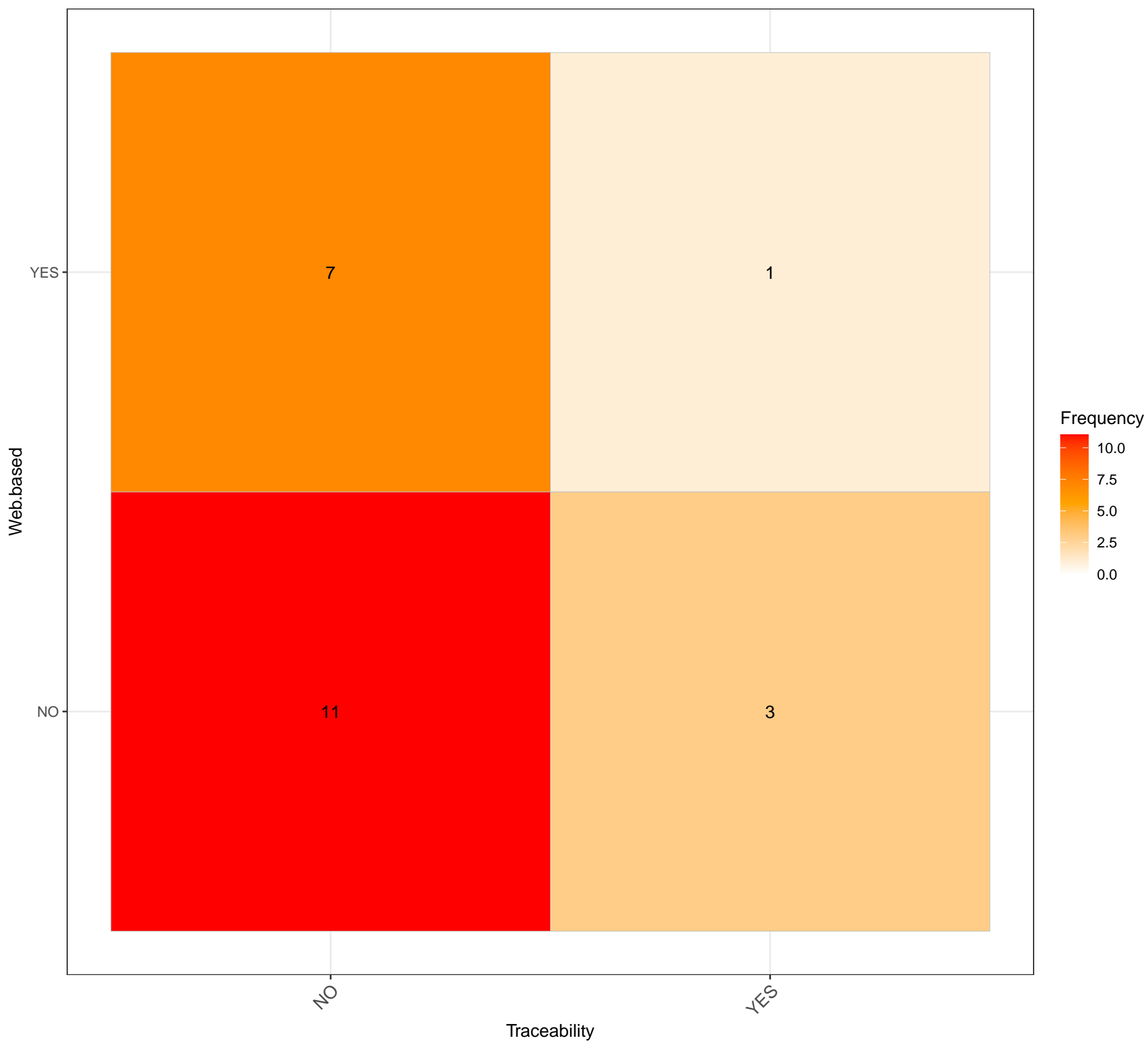
Web.based_____Platform (Chi sq w/ Yates p= 0.0137, p= 0.0137)



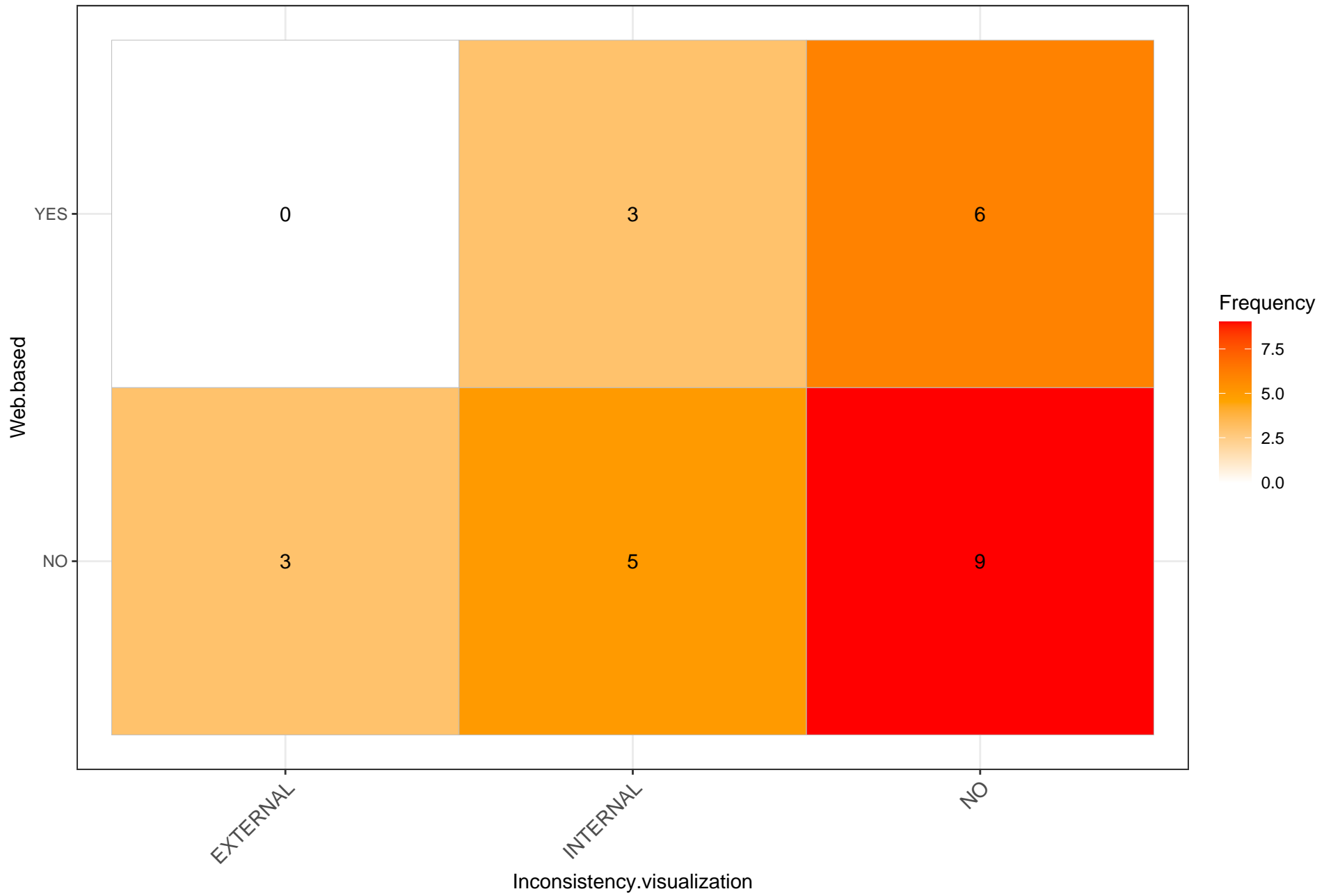
Web.based_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



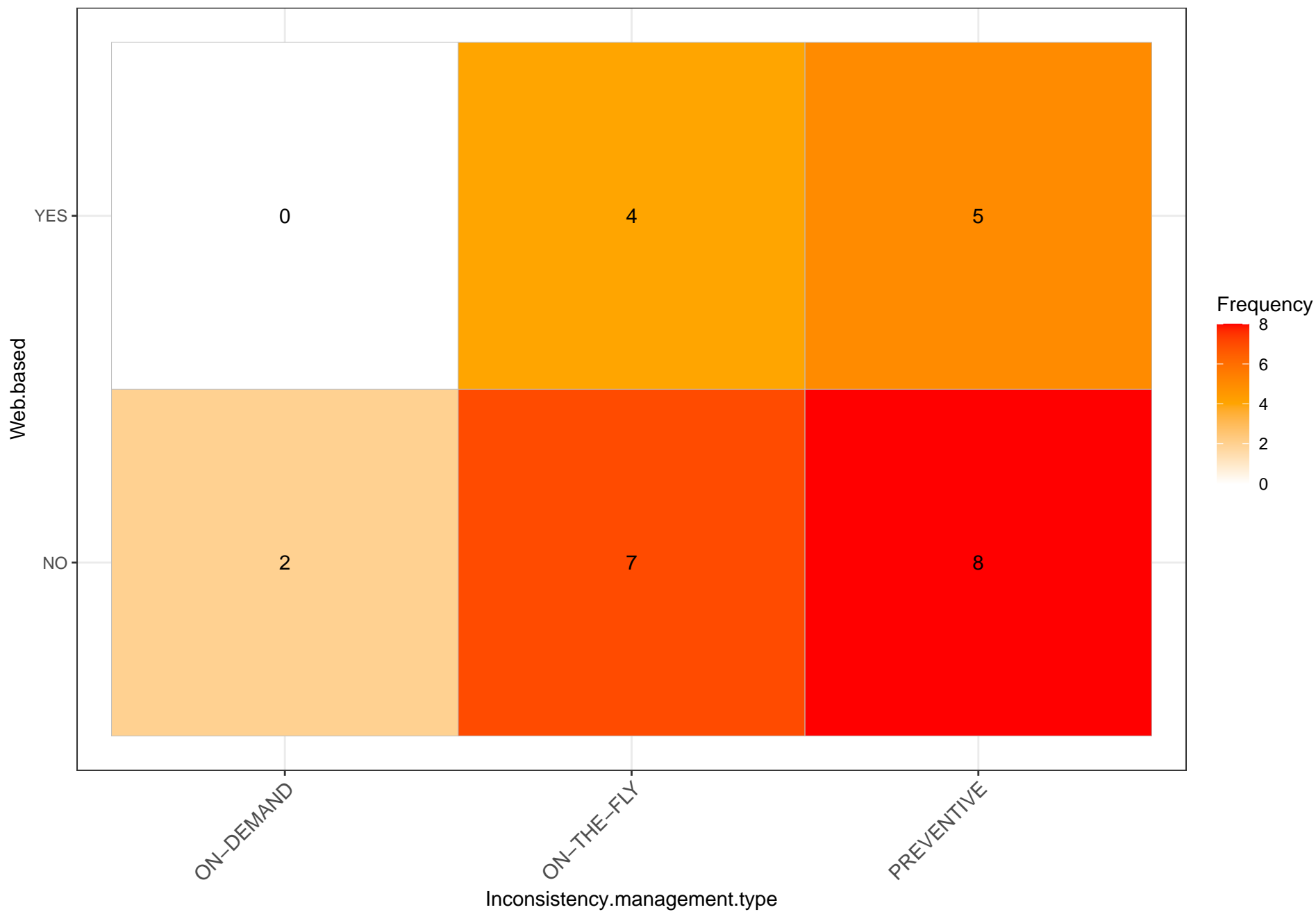
Web.based_____Traceability (Chi sq w/ Yates p= 1, p= 0.6014)



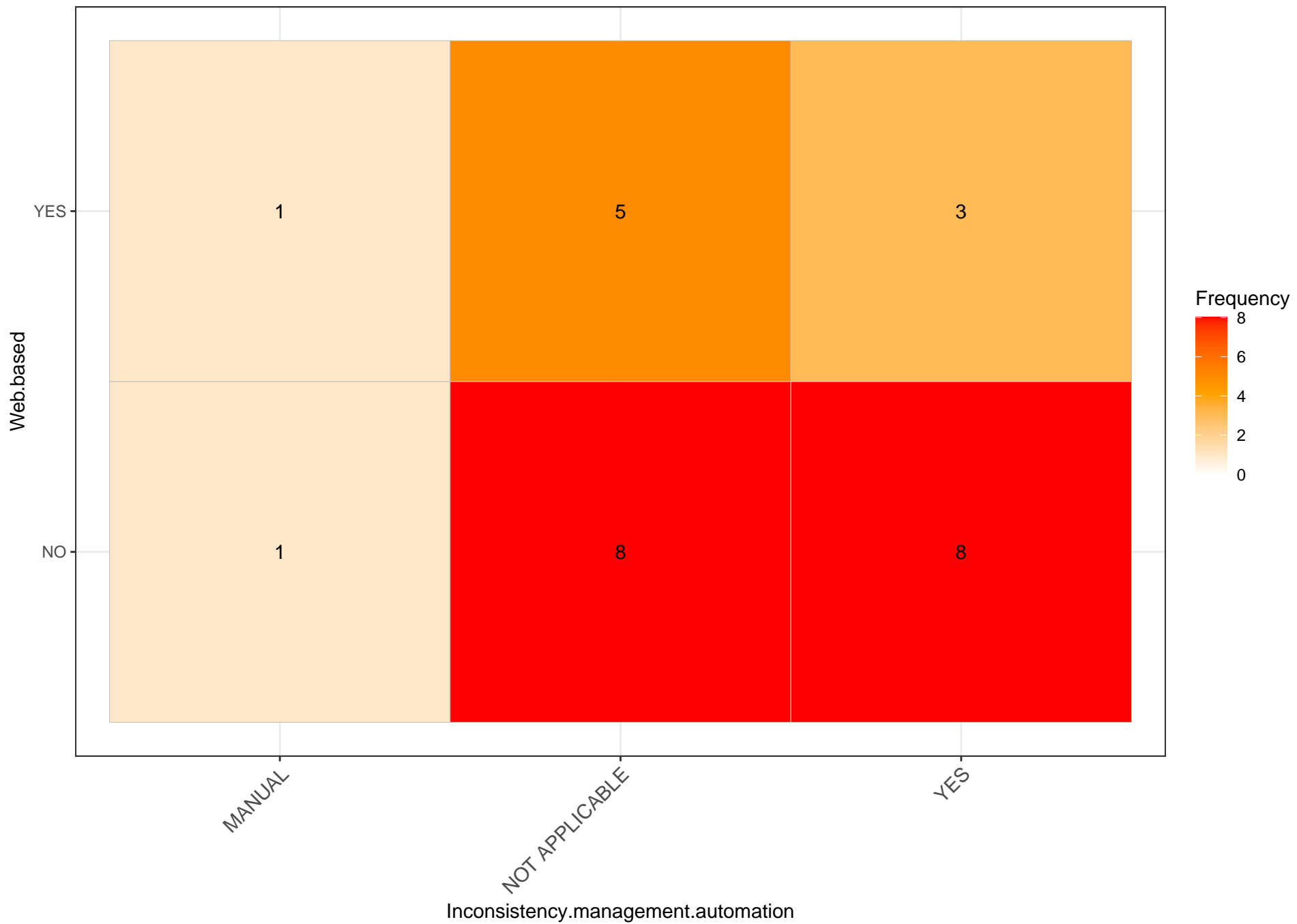
Web.based_____Inconsistency.visualization (Chi sq w/ Yates p= 0.4046, p= 0.4046)



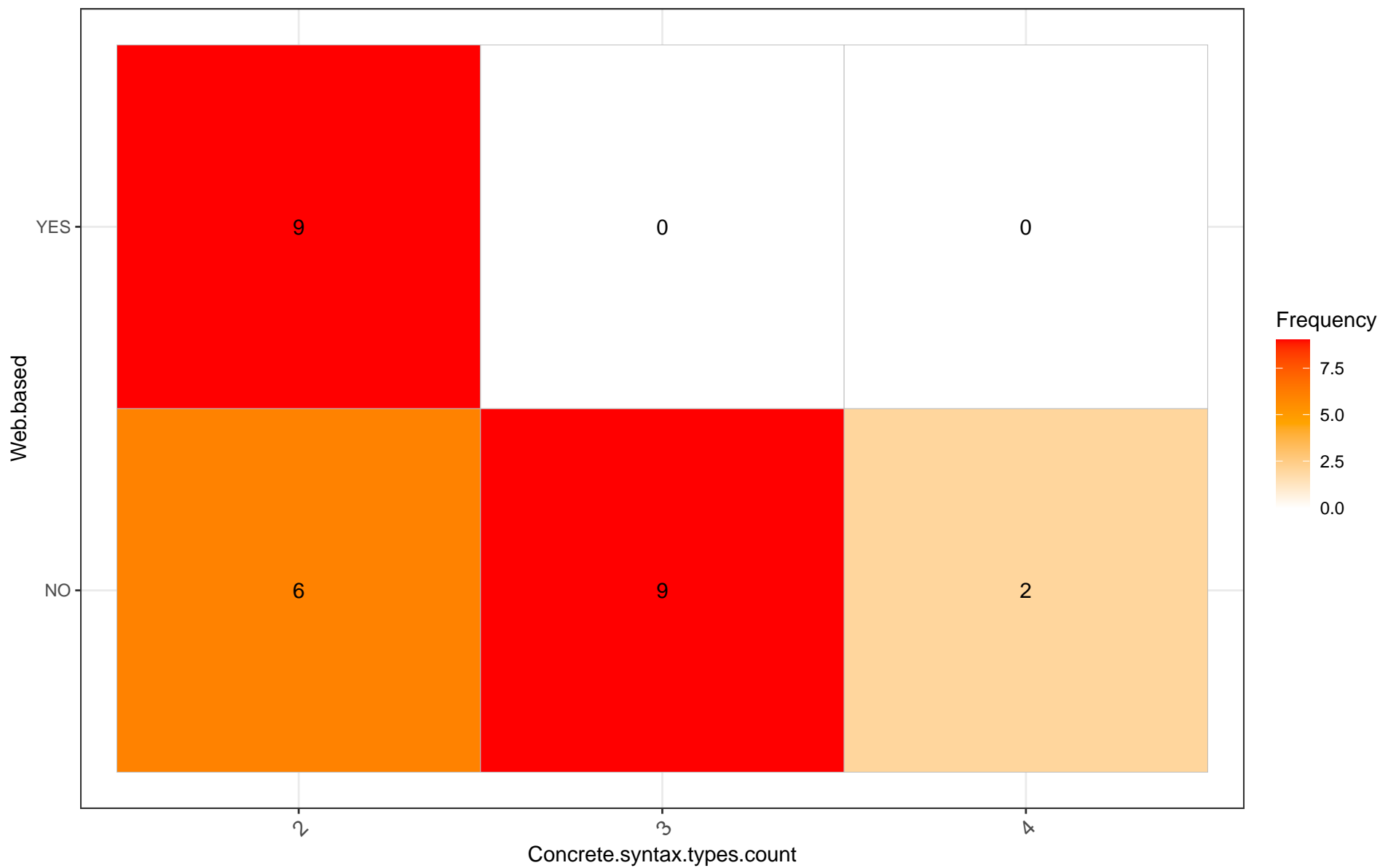
Web.based_____Inconsistency.management.type (Chi sq w/ Yates p= 0.5603, p= 0.5603)



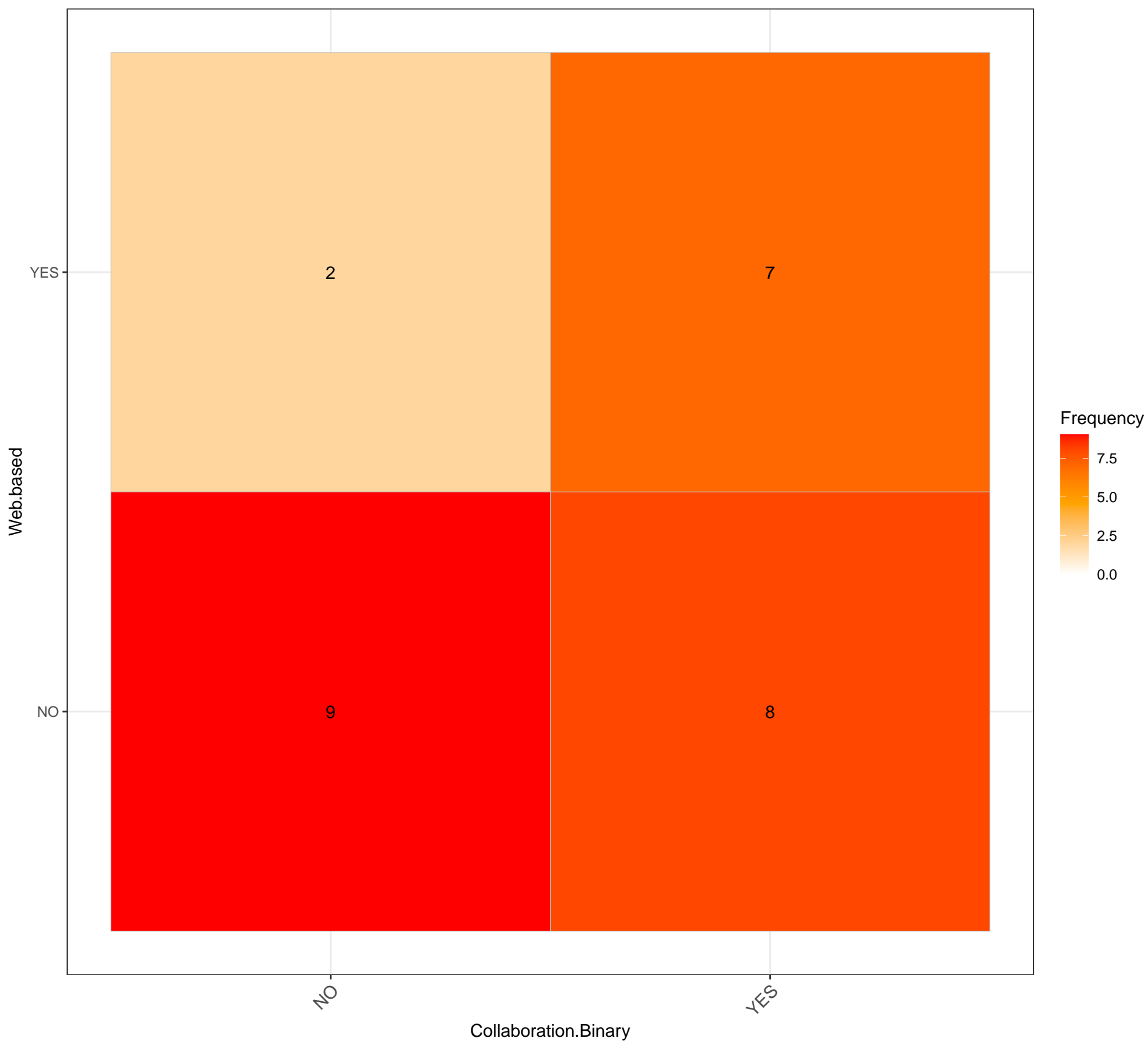
Web.based_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.7572, p= 0.7572)



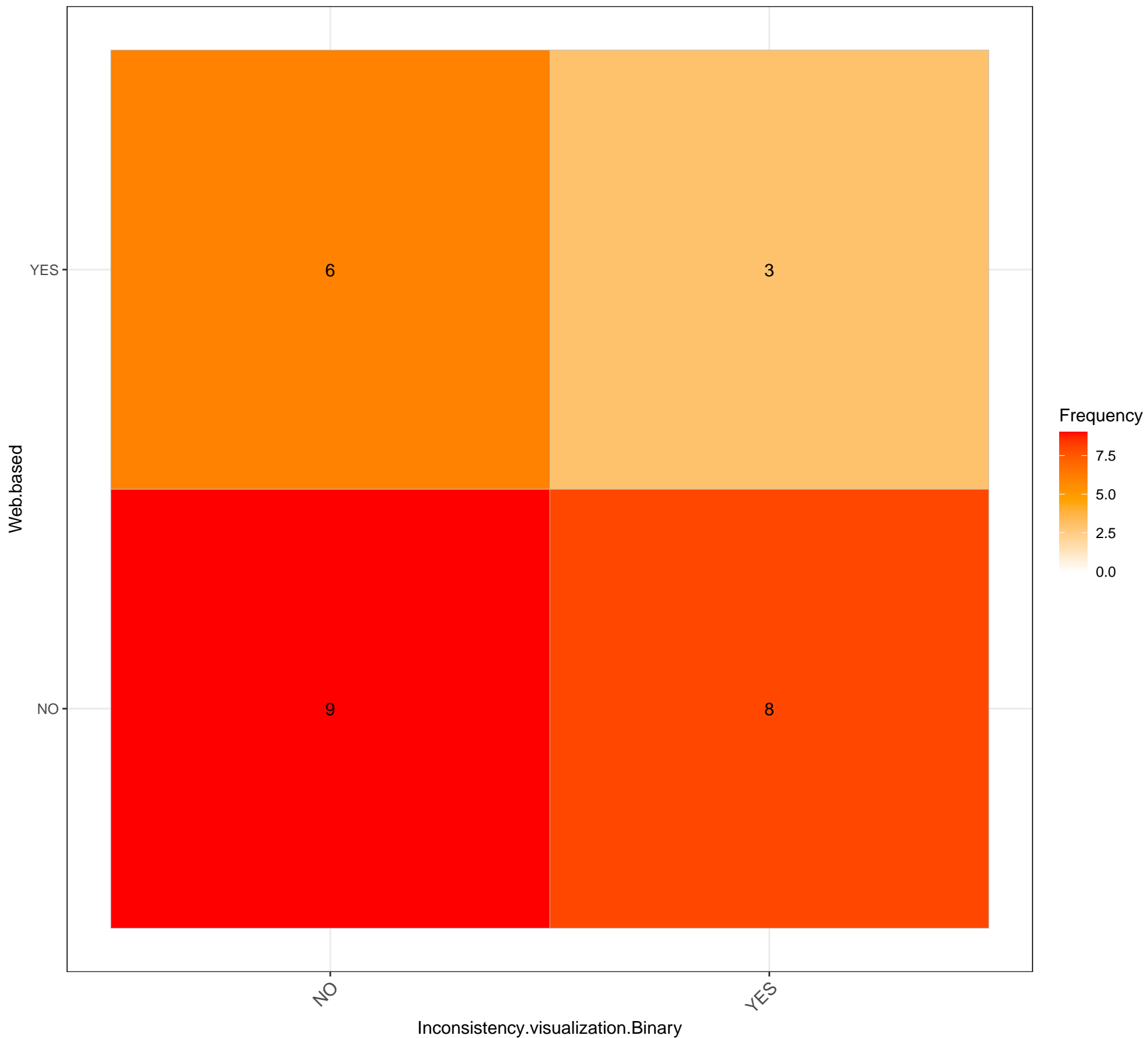
Web.based_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.0064, p= 0.0064)



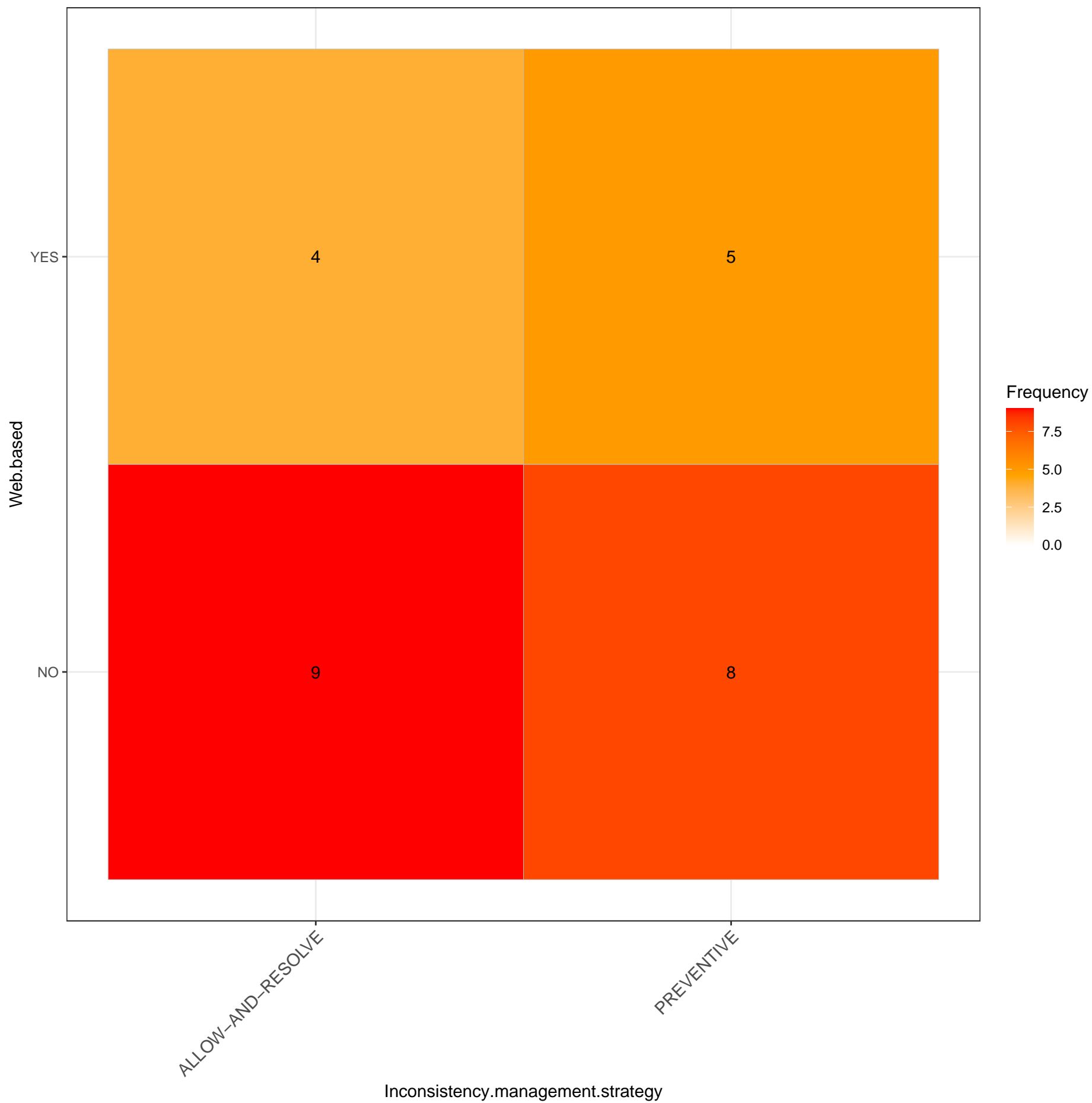
Web.based_____Collaboration.Binary (Chi sq w/ Yates p= 0.2752, p= 0.1315)



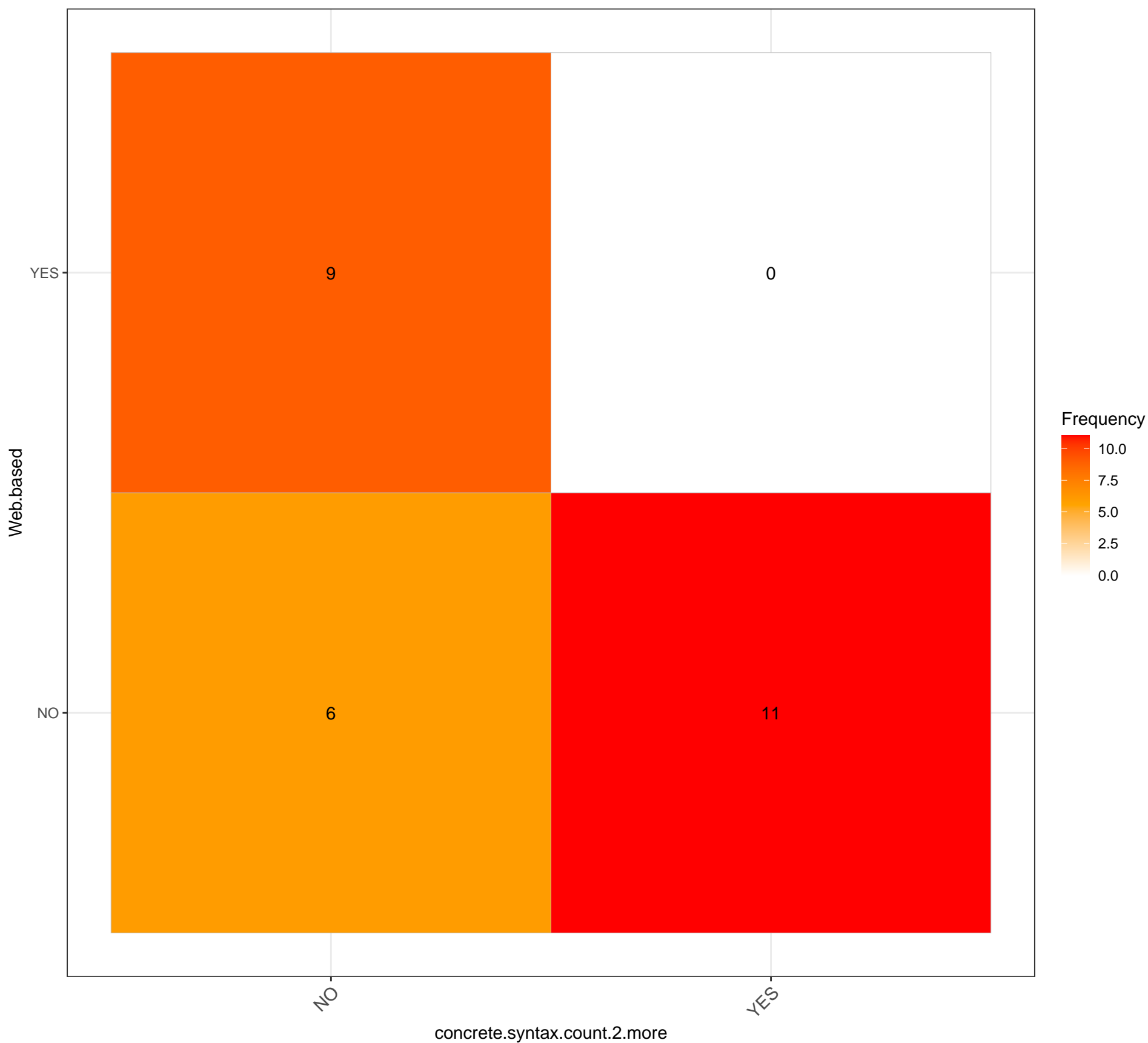
Web.based____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.7974, p= 0.5004)



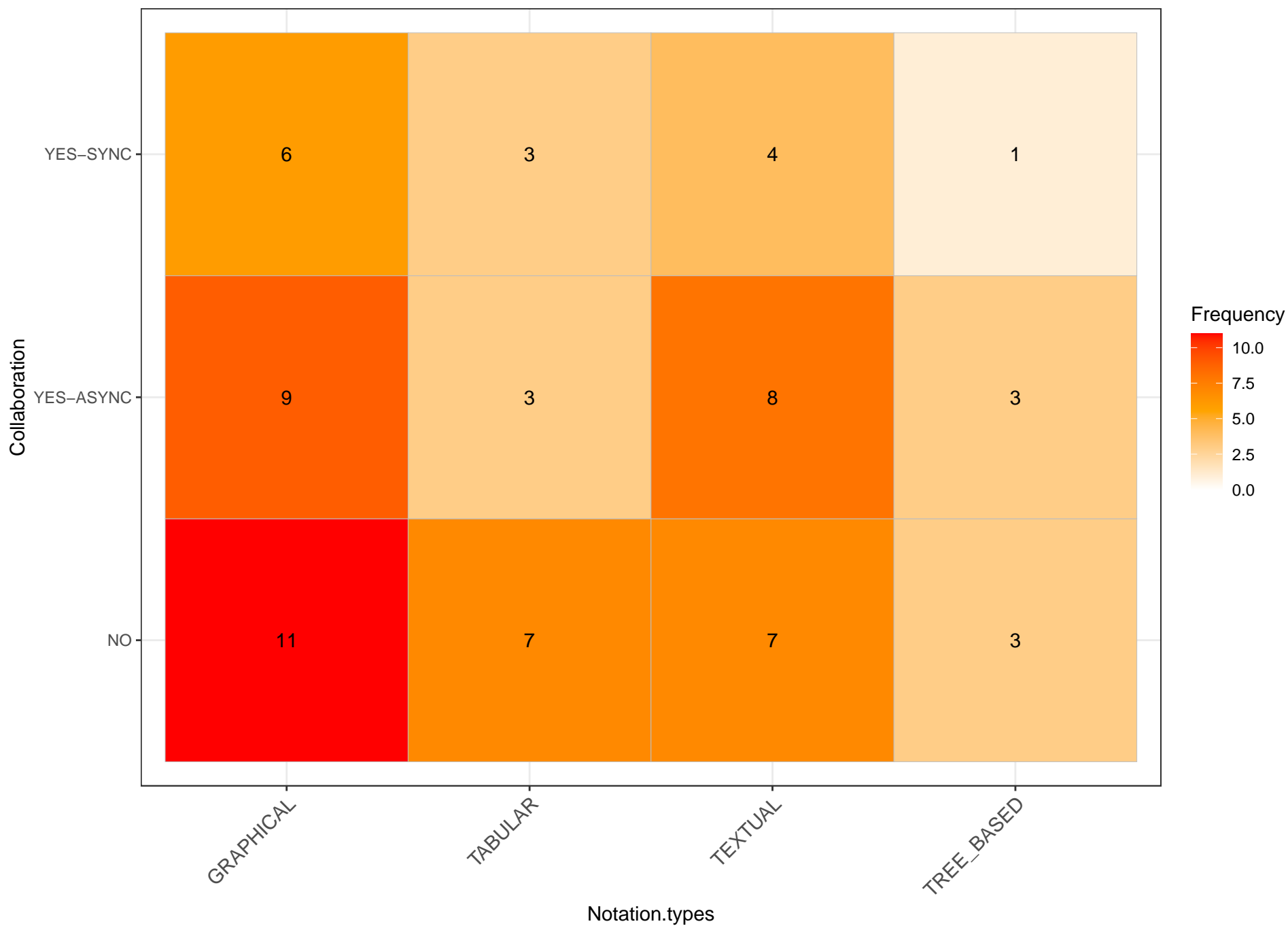
Web.based_____Inconsistency.management.strategy (Chi sq w/ Yates p= 1, p= 0.6802)



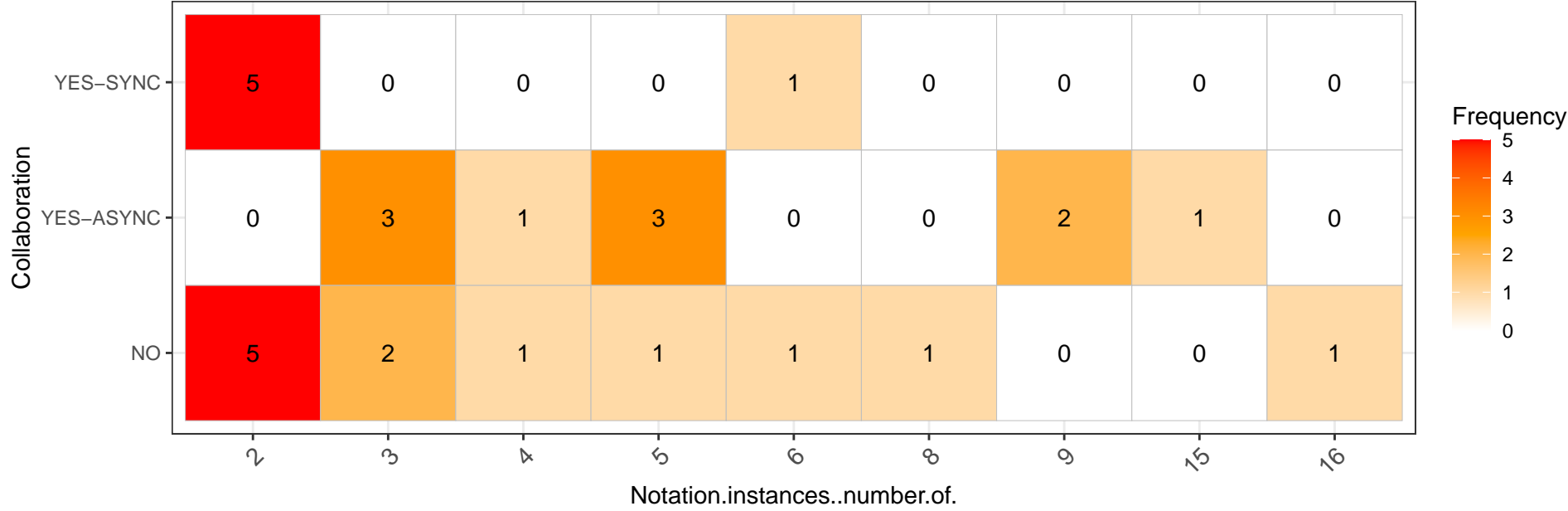
Web.based____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.0058, p= 0.0015)



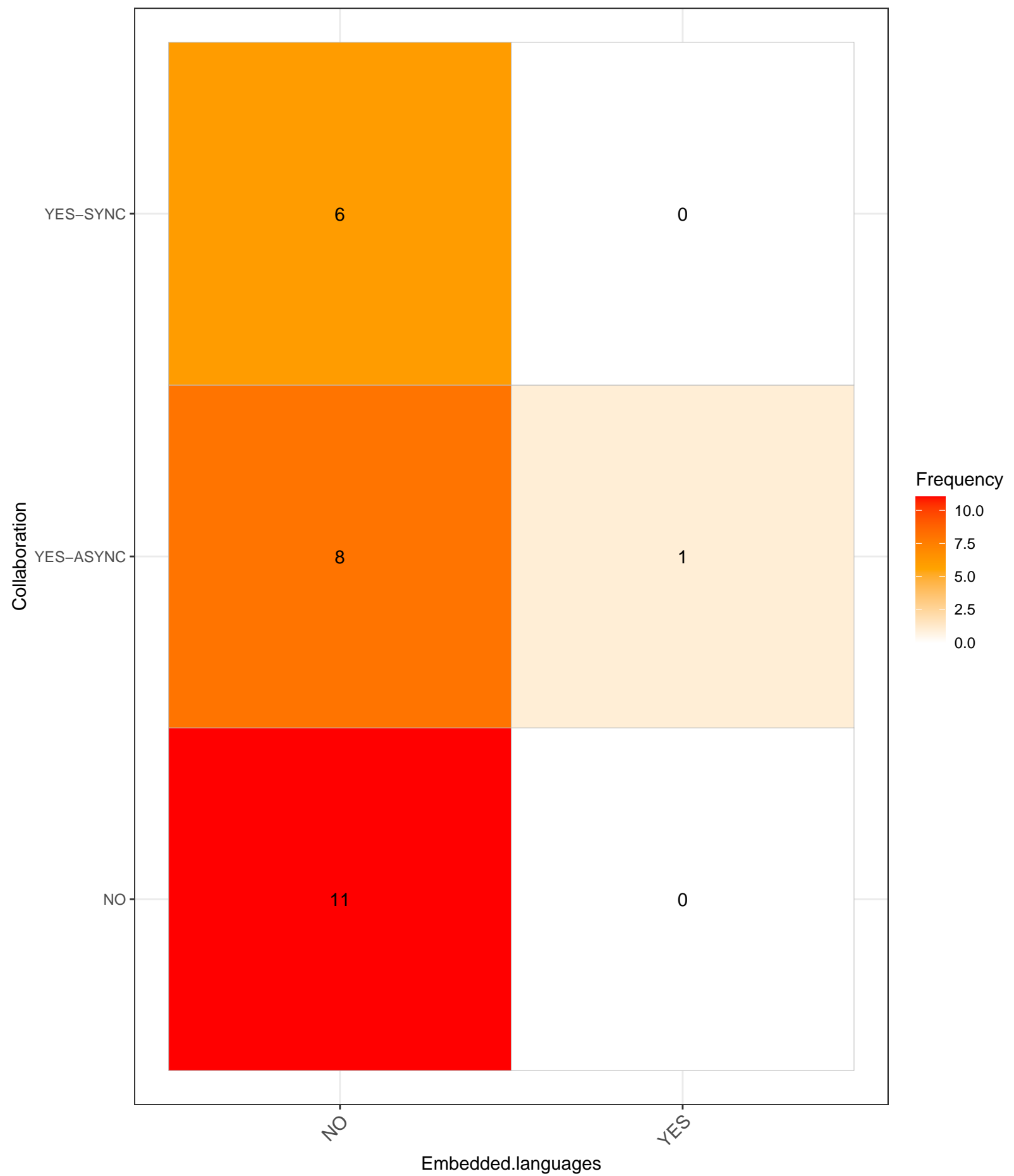
Collaboration____Notation.types (Chi sq w/ Yates p= 0.9486, p= 0.9486)



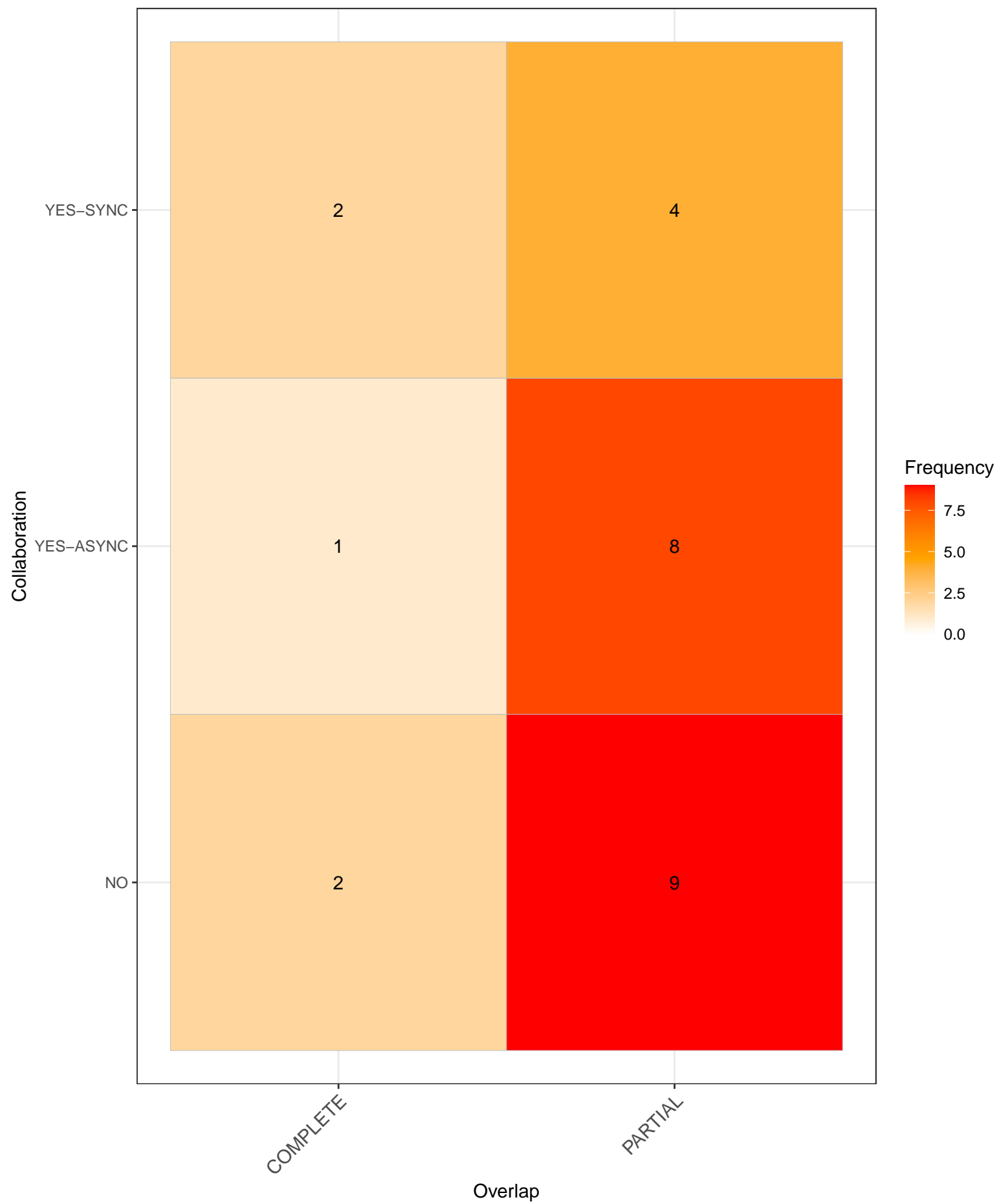
Collaboration____Notation.instances..number.of. (Chi sq w/ Yates p= 0.13, p= 0.13)



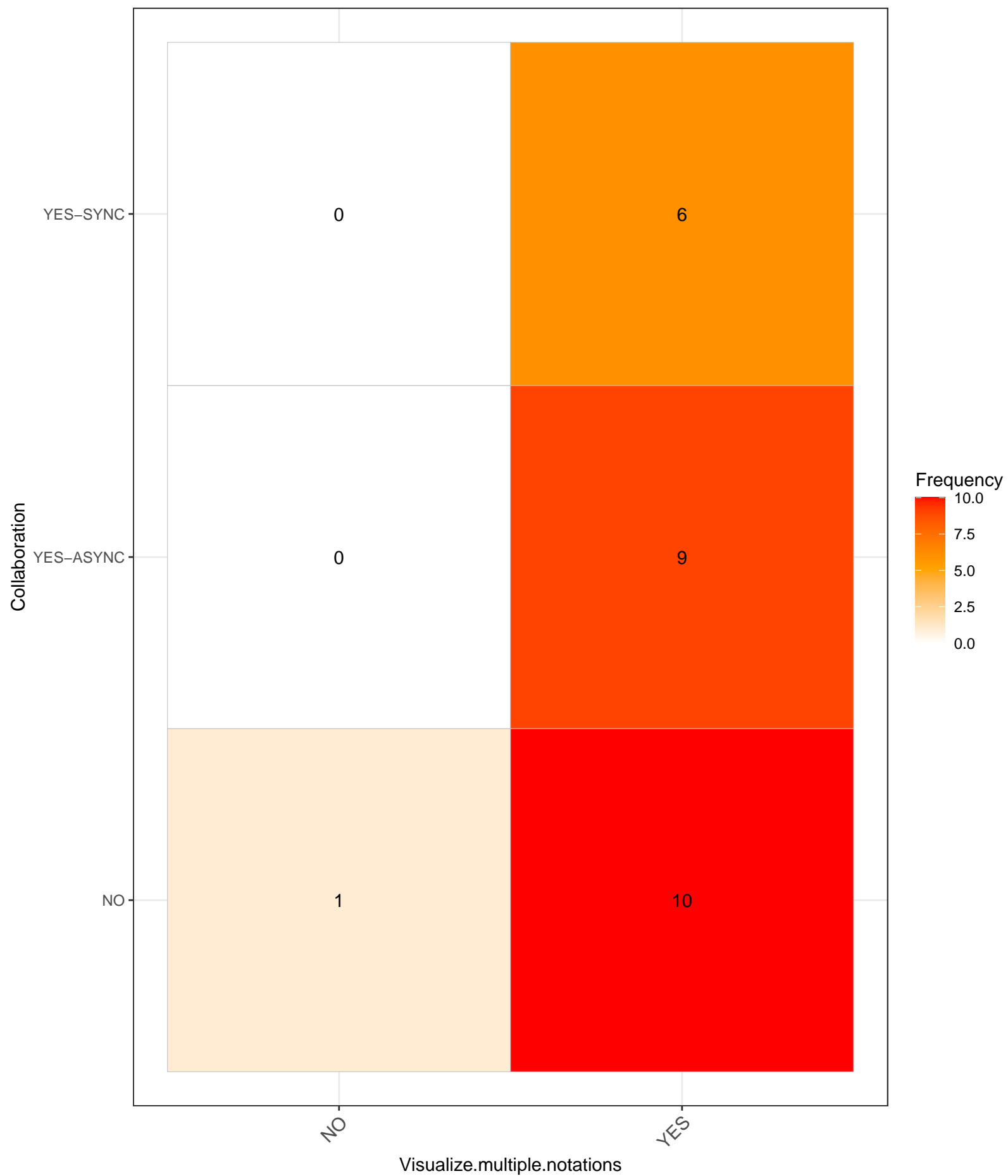
Collaboration_____Embedded.languages (Chi sq w/ Yates p= 0.3745, p= 0.3745)



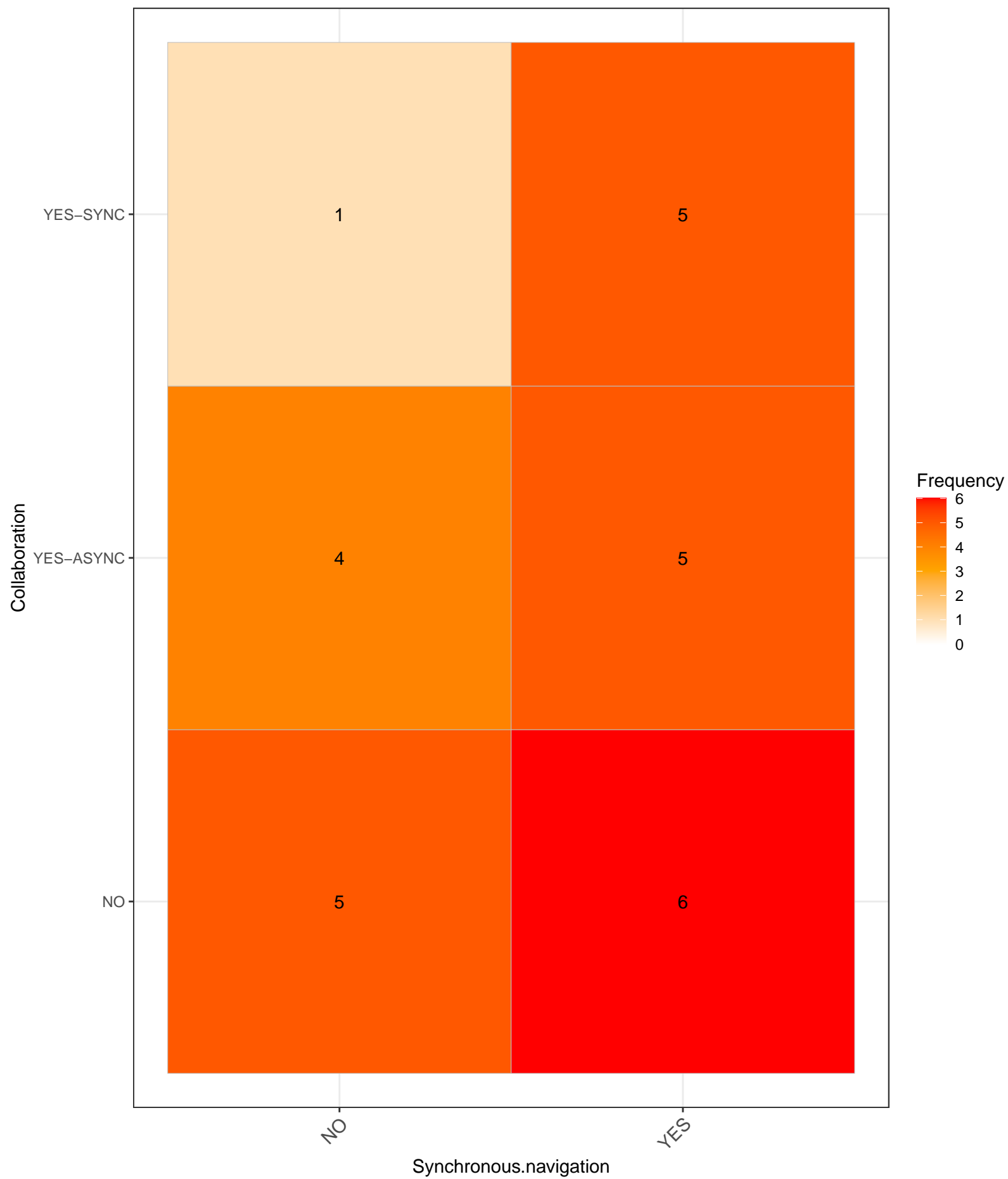
Collaboration_____Overlap (Chi sq w/ Yates p= 0.5604, p= 0.5604)



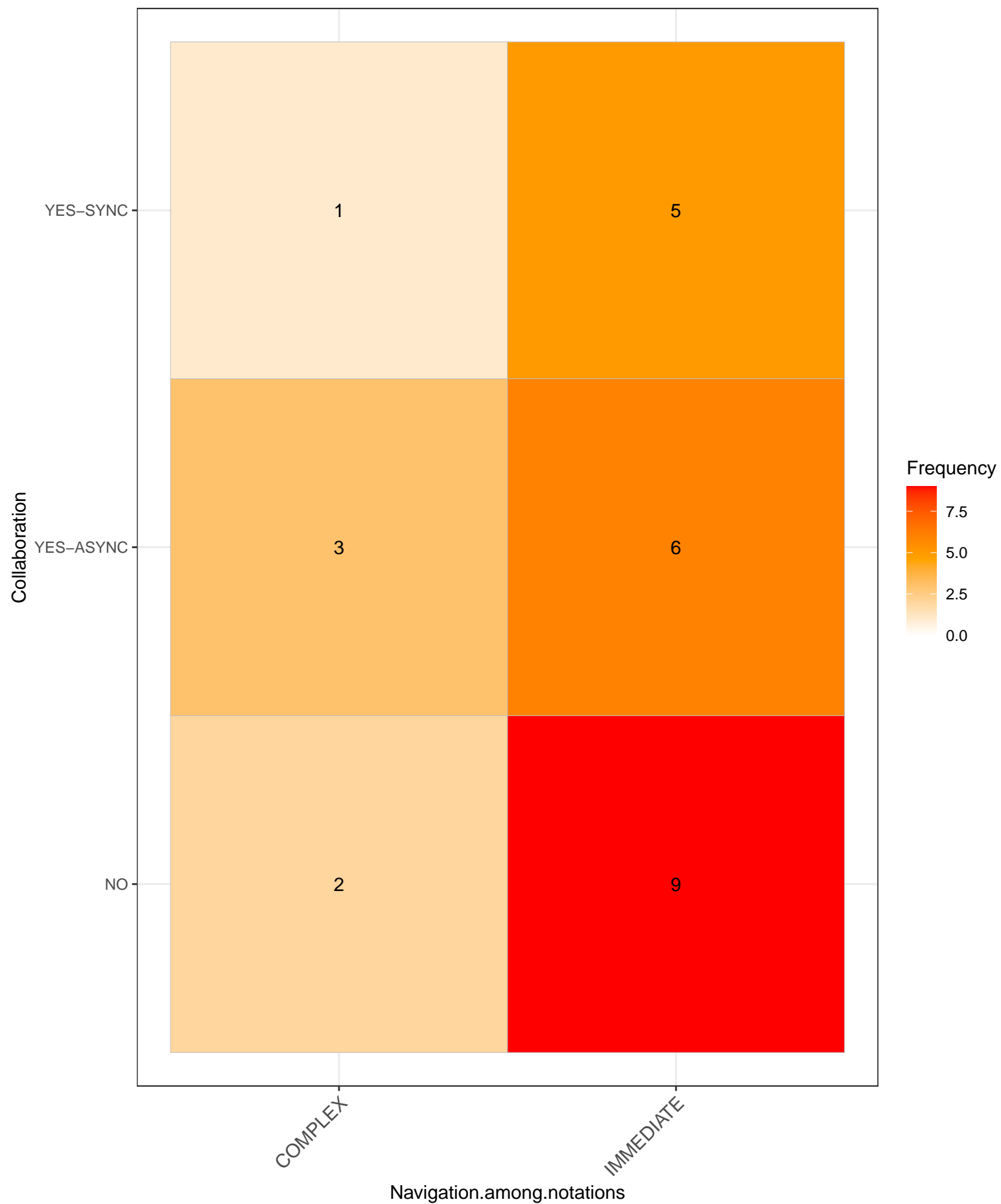
Collaboration_____Visualize.multiple.notations (Chi sq w/ Yates p= 0.4921, p= 0.4921)



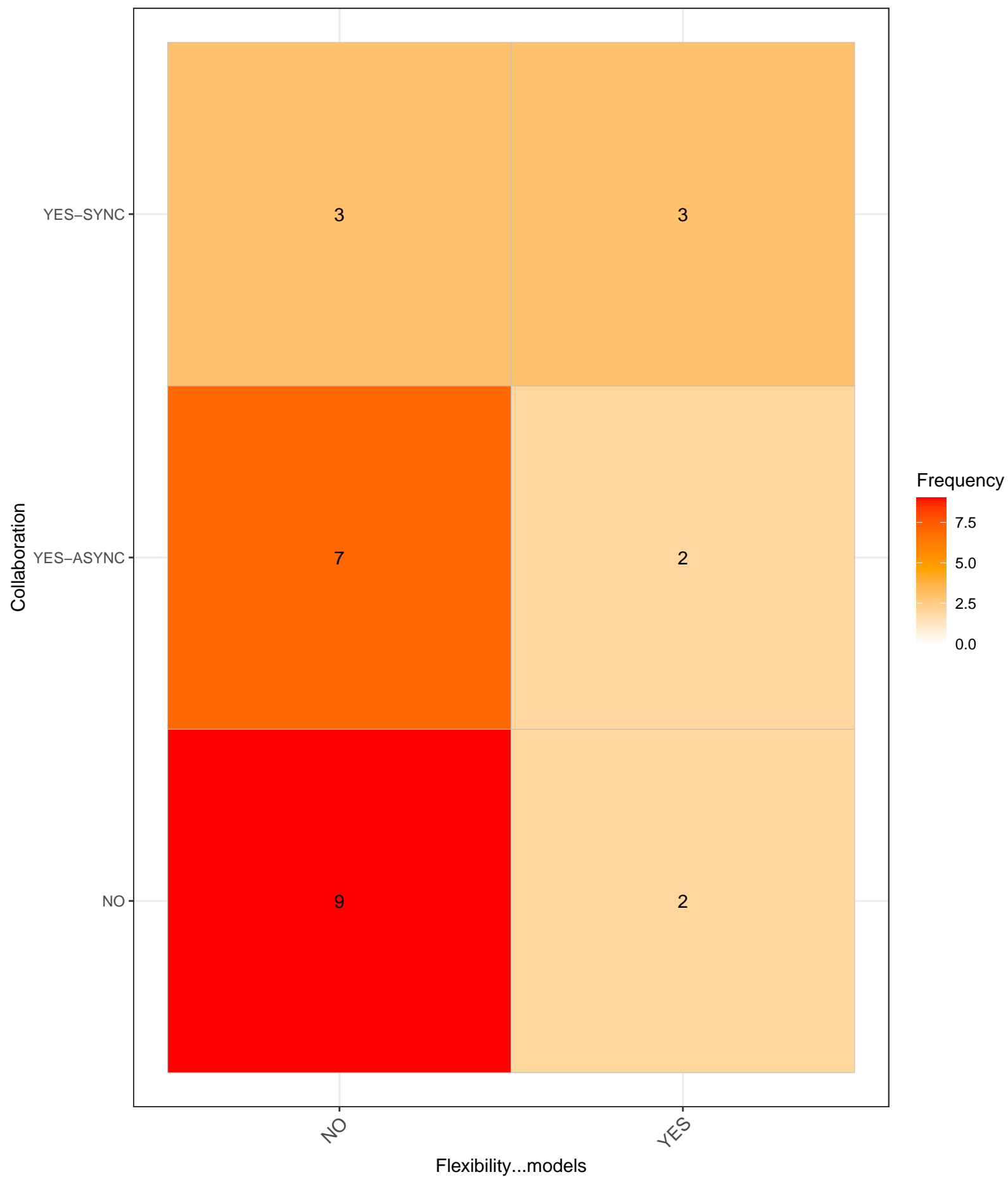
Collaboration_____Synchronous.navigation (Chi sq w/ Yates p= 0.4567, p= 0.4567)



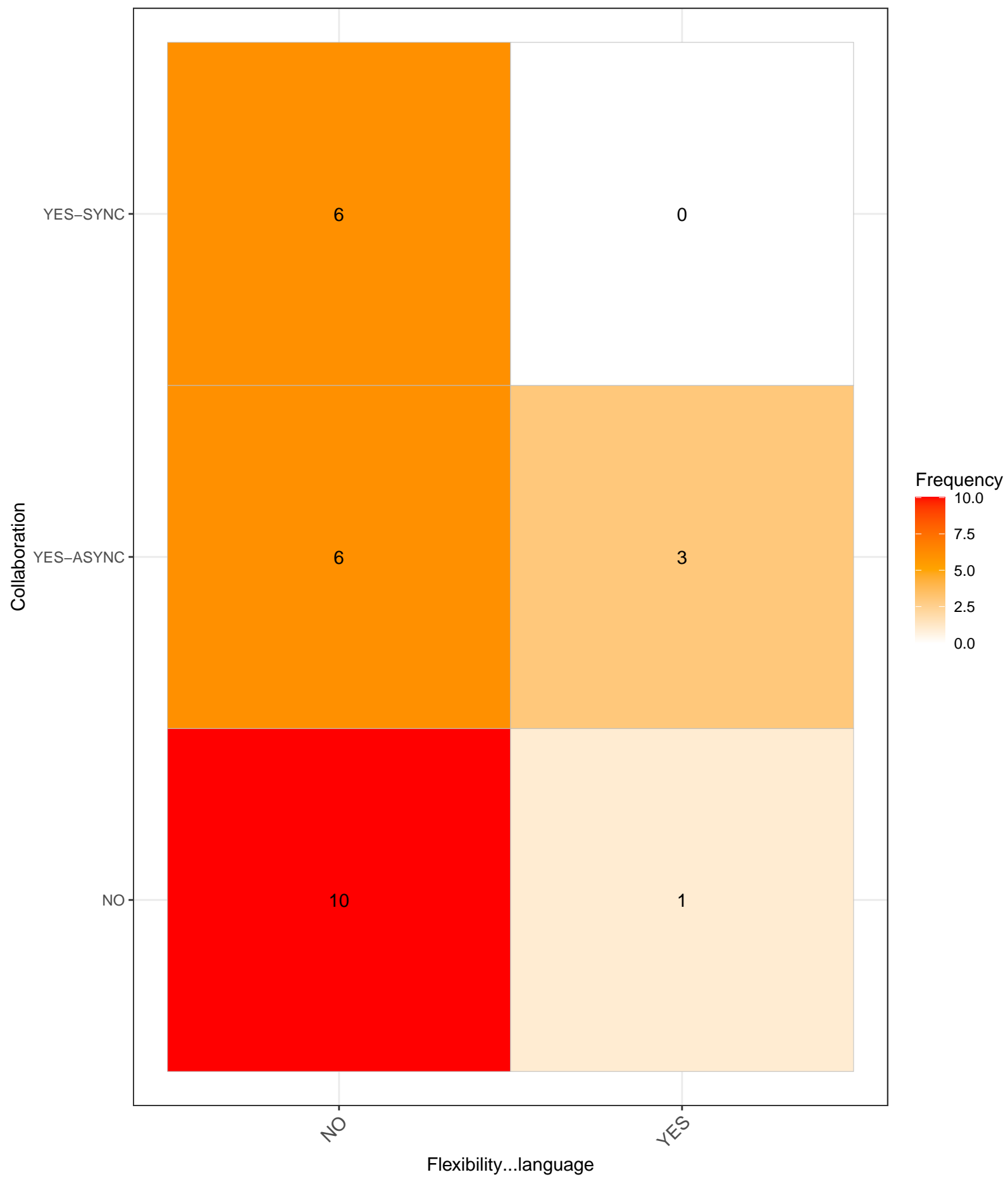
Collaboration____Navigation.among.notations (Chi sq w/ Yates p= 0.6634, p= 0.6634)



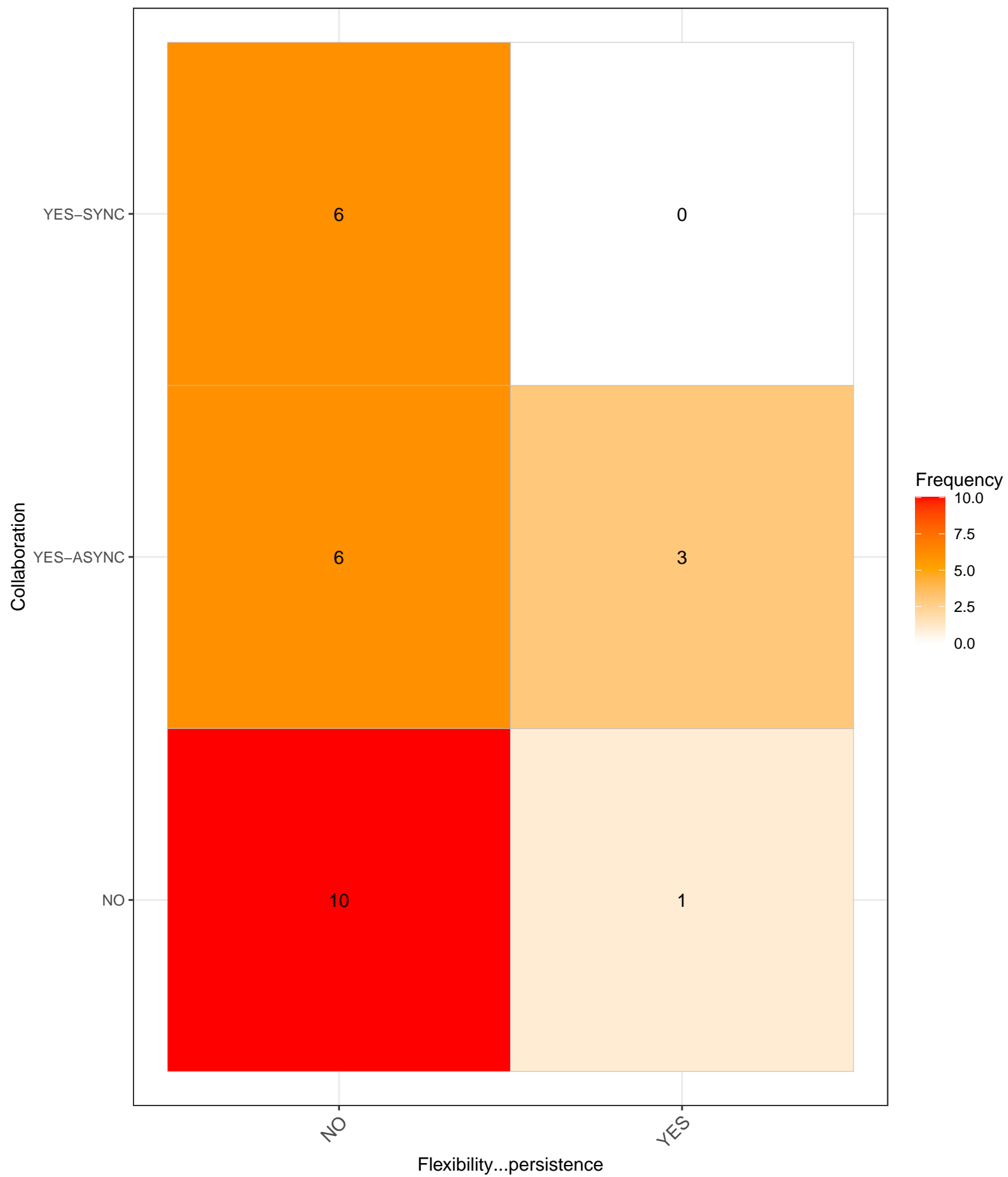
Collaboration_____Flexibility...models (Chi sq w/ Yates p= 0.3409, p= 0.3409)



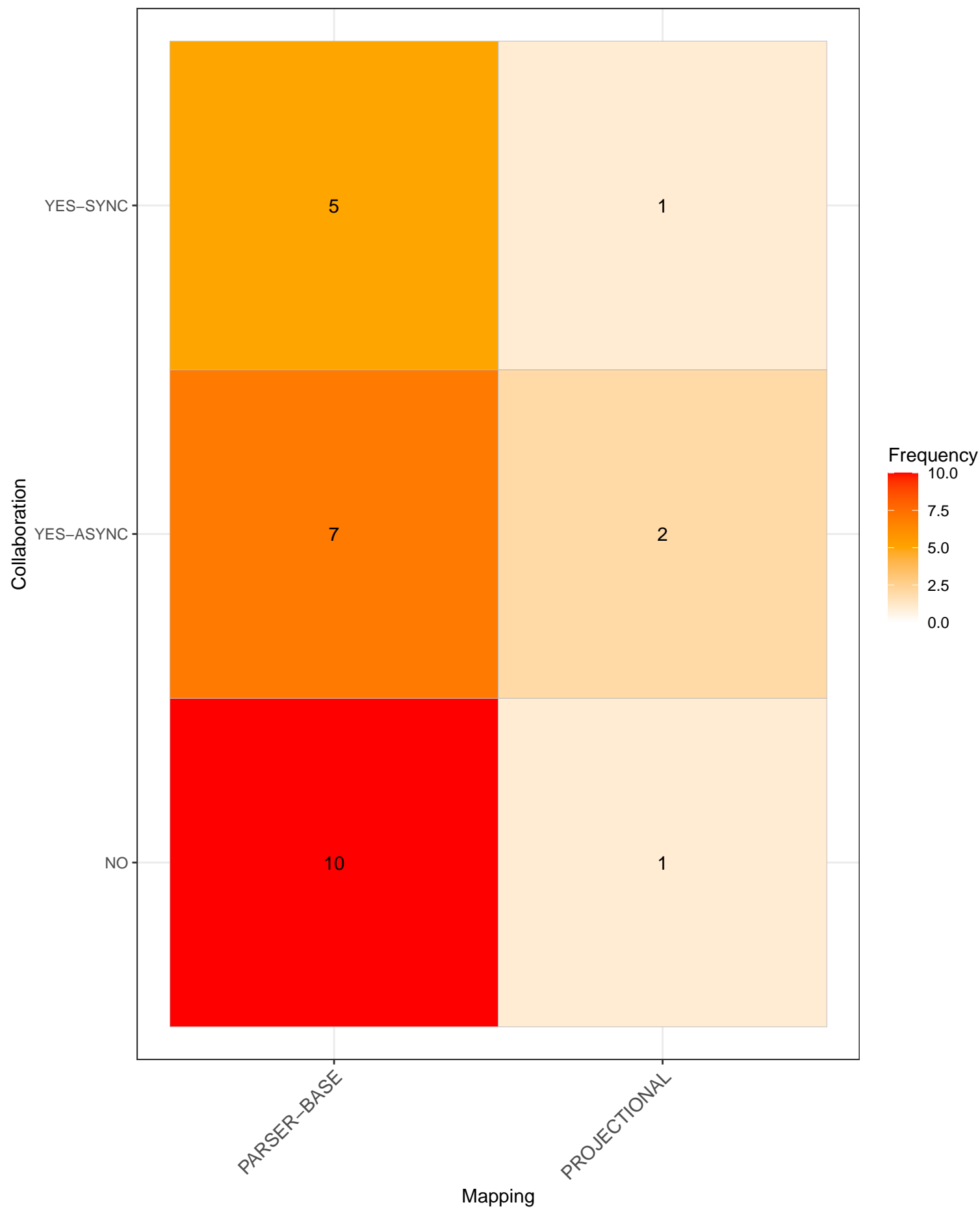
Collaboration_____Flexibility...language (Chi sq w/ Yates p= 0.161, p= 0.161)



Collaboration_____Flexibility...persistence (Chi sq w/ Yates p= 0.161, p= 0.161)



Collaboration_____Mapping (Chi sq w/ Yates p= 0.7169, p= 0.7169)



Collaboration_____Platform (Chi sq w/ Yates p= 0.1786, p= 0.1786)

Collaboration

YES-SYNC

6

0

0

YES-ASYNC

5

5

1

NO

6

5

0

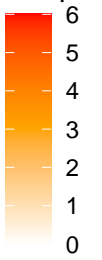
ADHOC

ECLIPSE

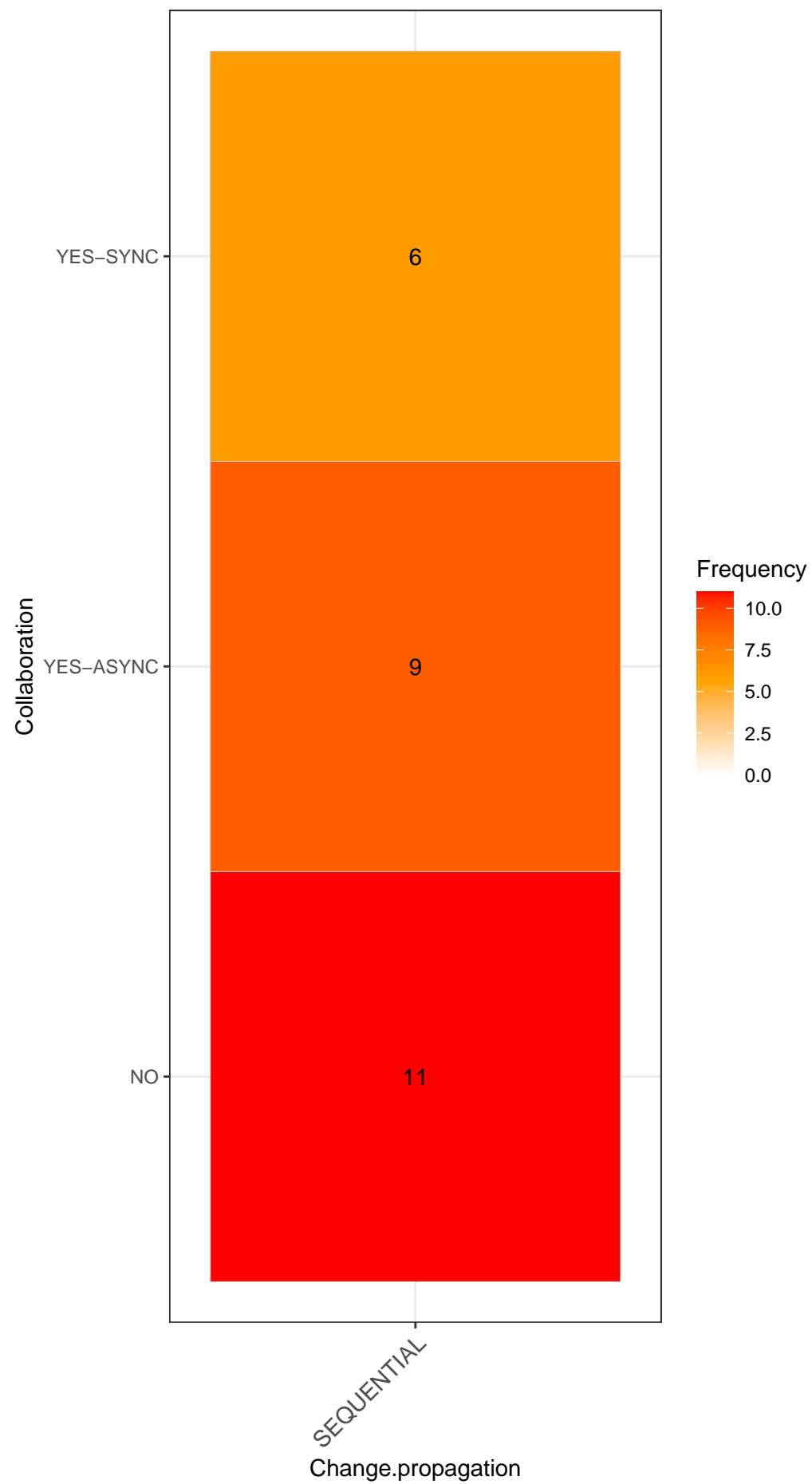
MPS

Platform

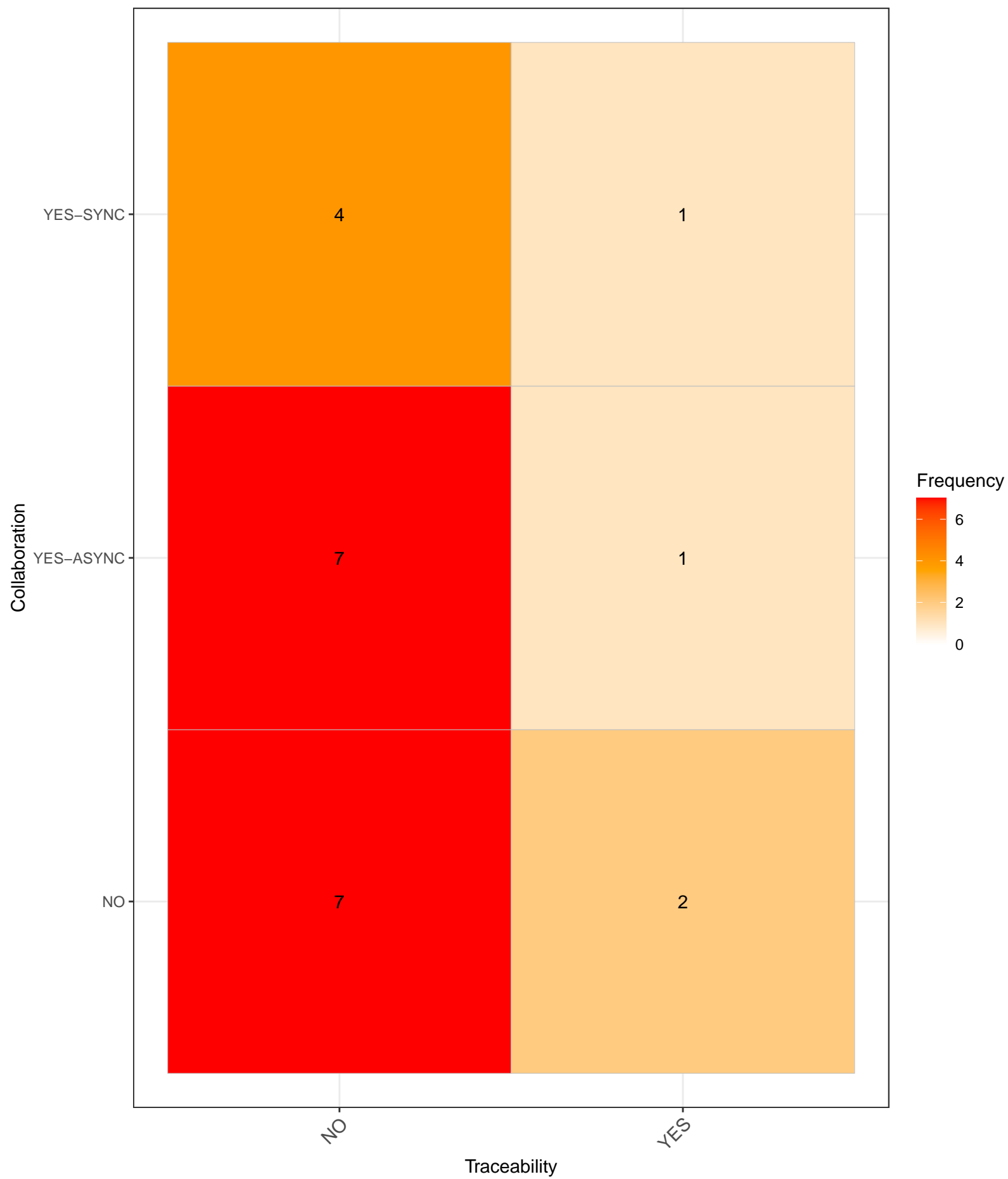
Frequency



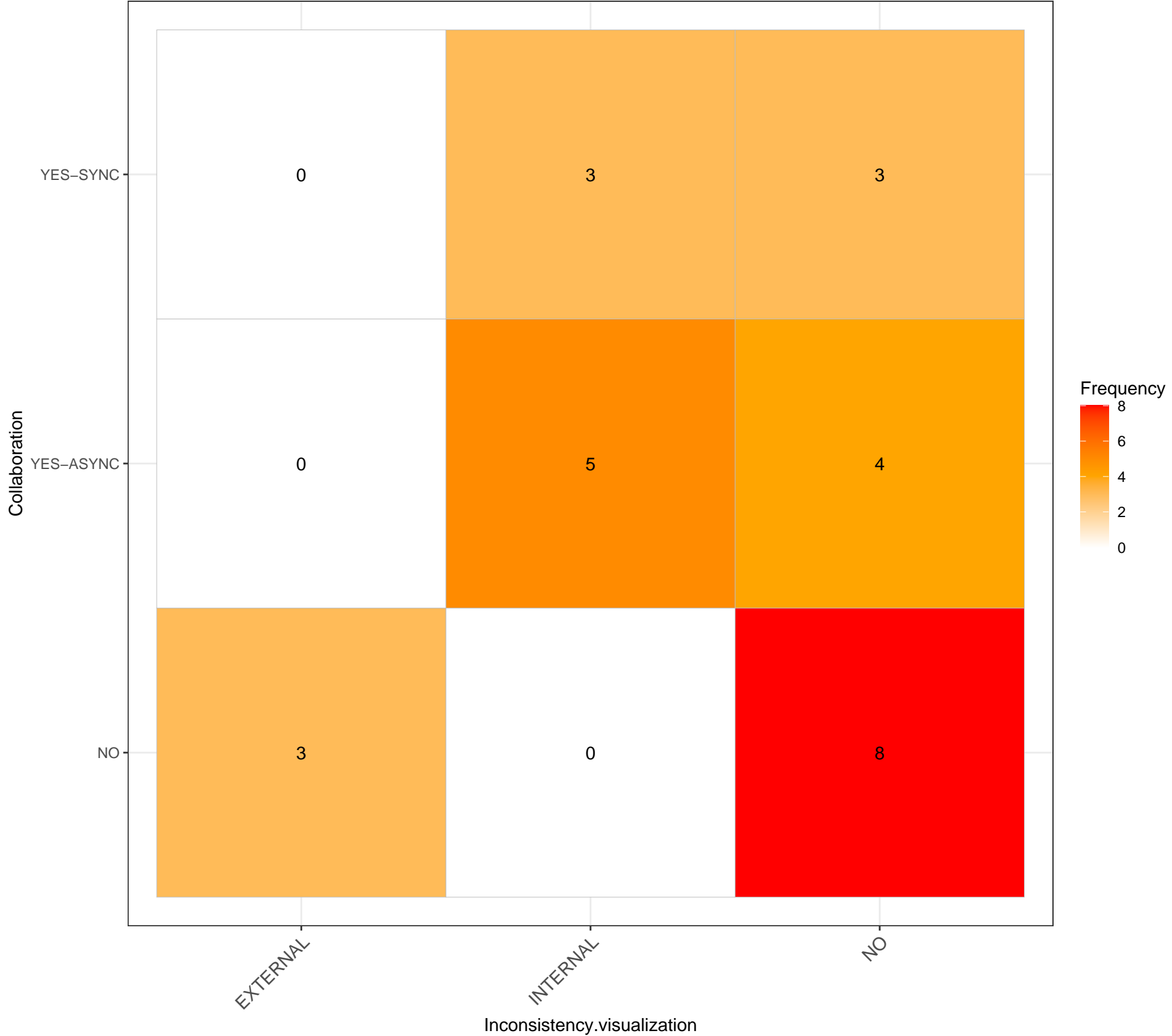
Collaboration_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



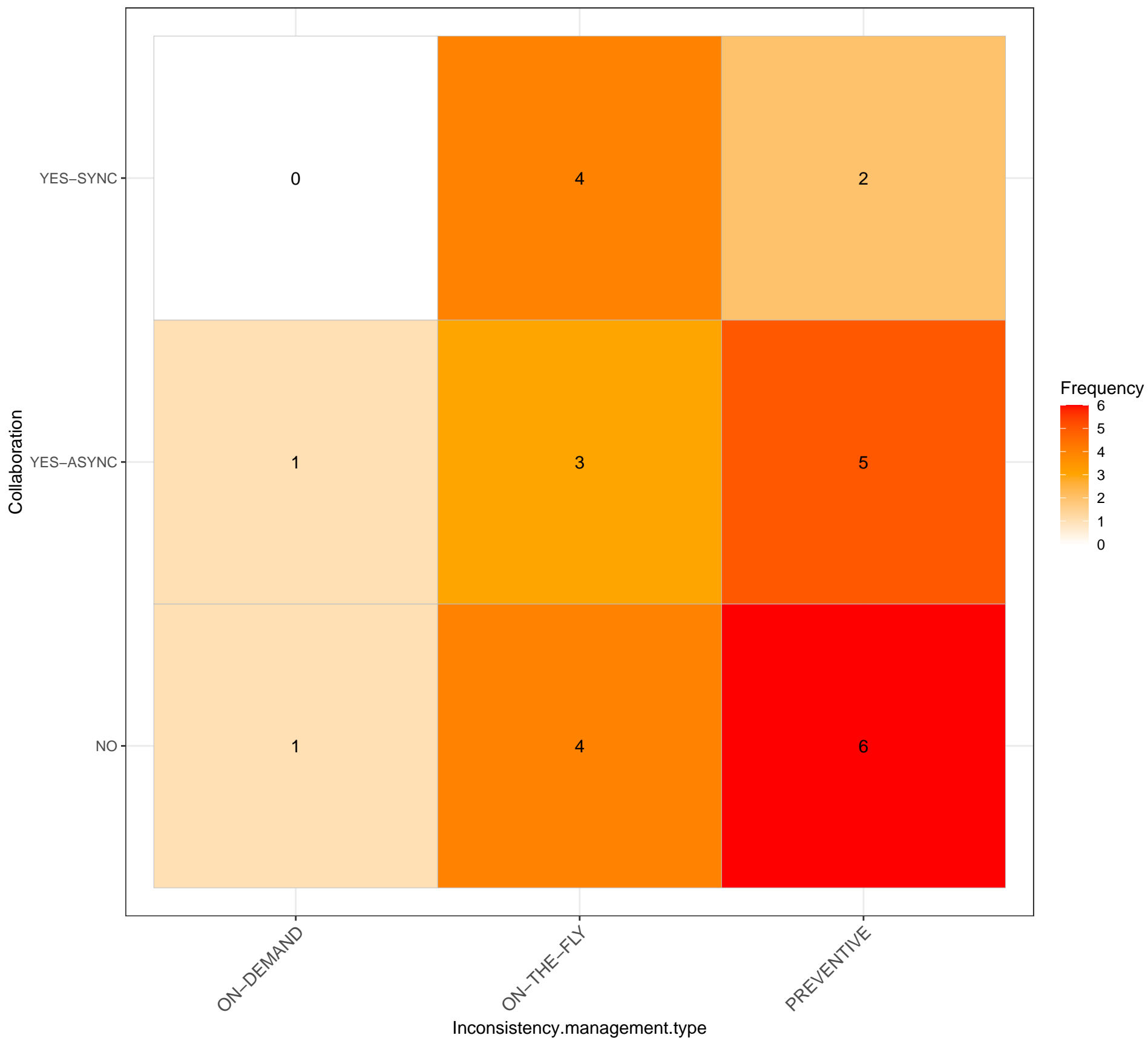
Collaboration_____Traceability (Chi sq w/ Yates p= 0.8678, p= 0.8678)



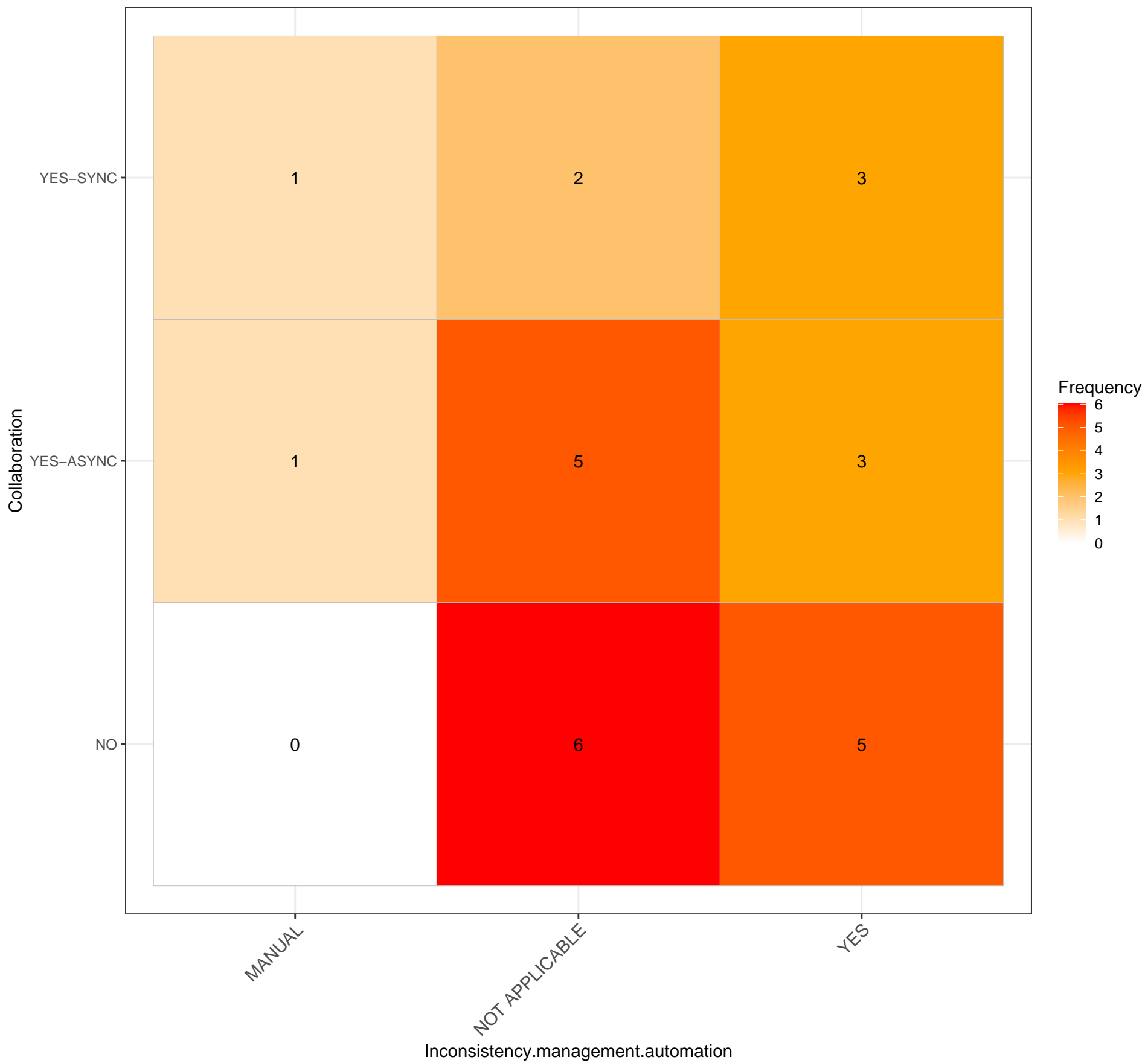
Collaboration_____Inconsistency.visualization (Chi sq w/ Yates p= 0.0294, p= 0.0294)



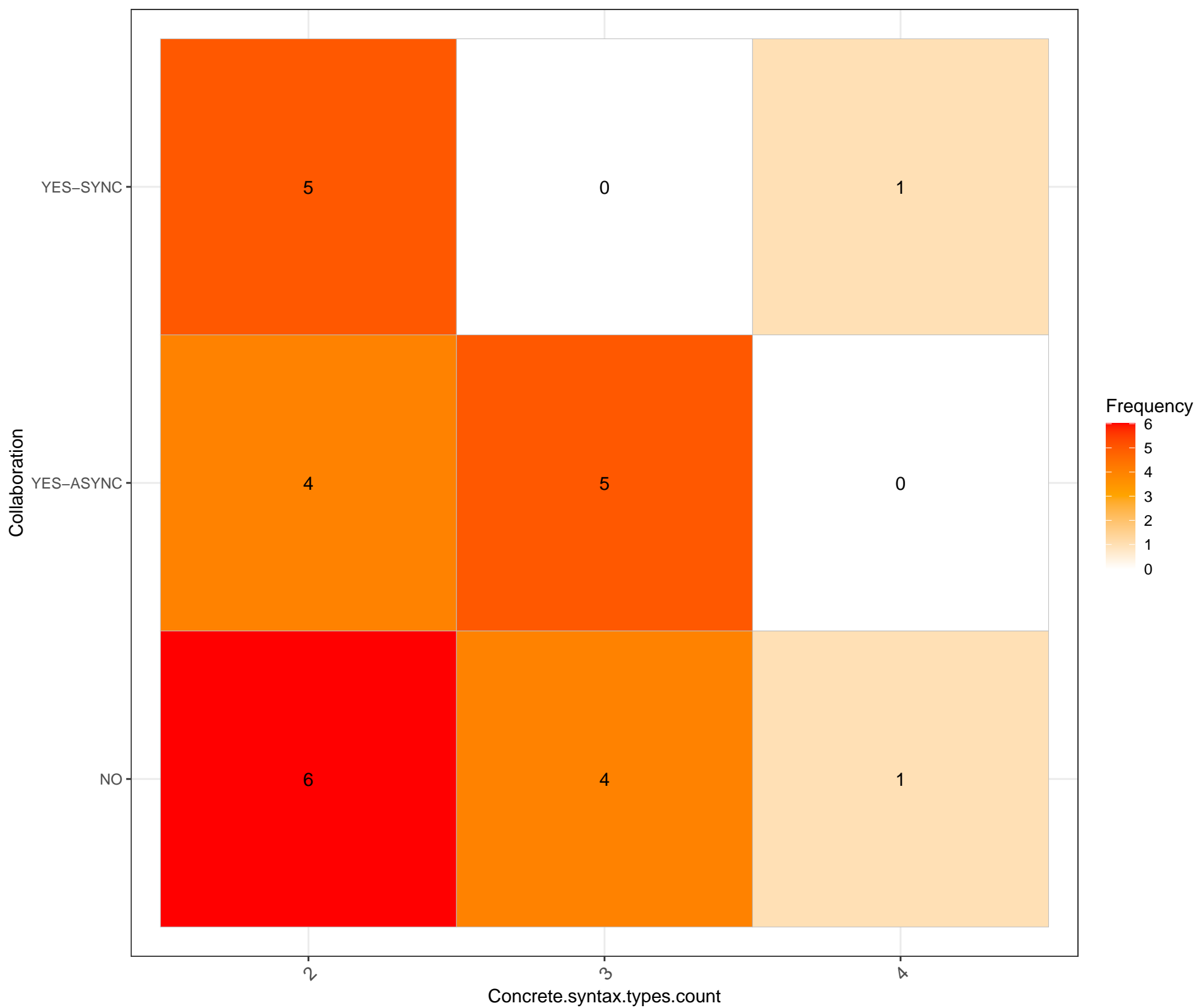
Collaboration_____Inconsistency.management.type (Chi sq w/ Yates p= 0.7054, p= 0.7054)



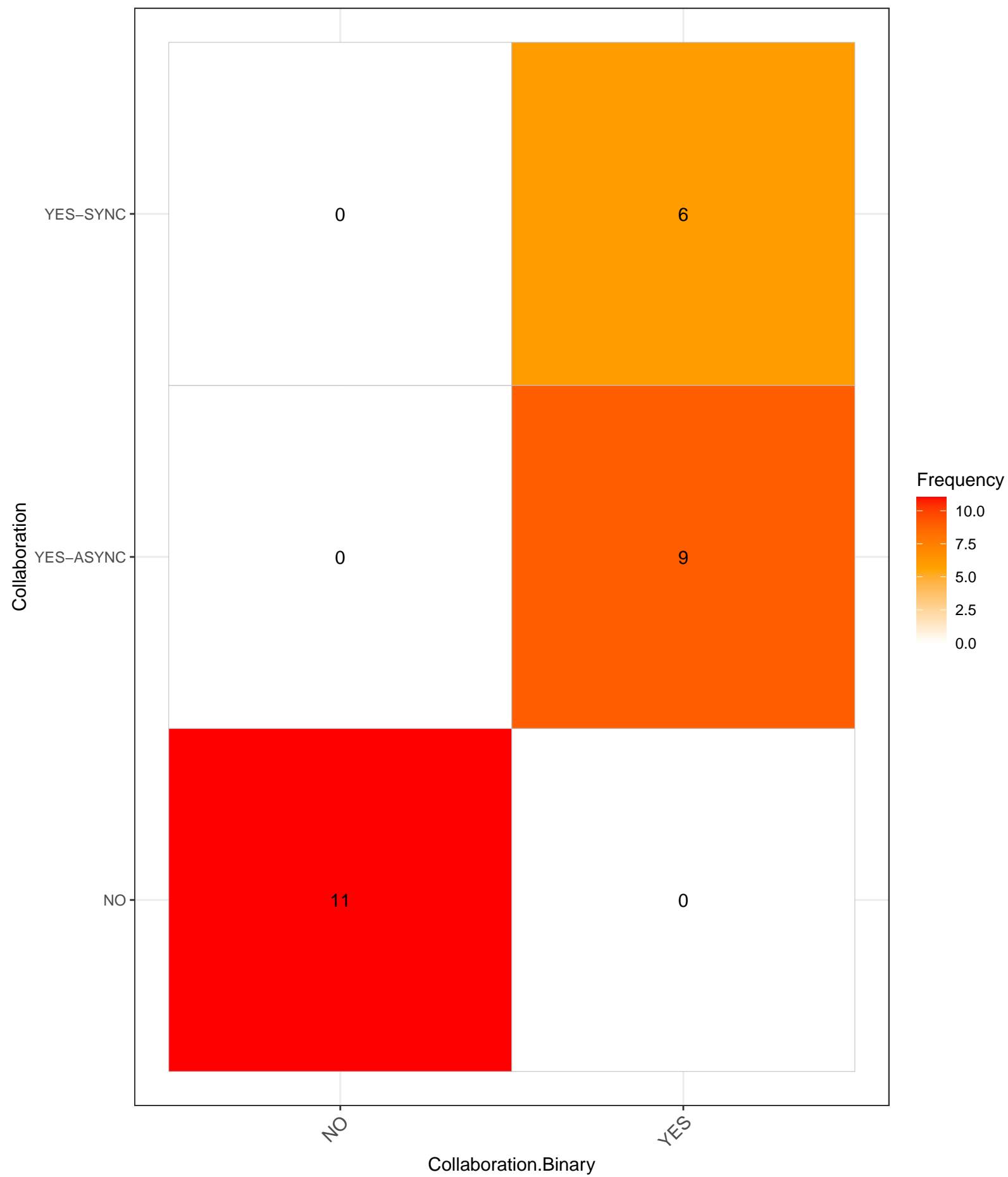
Collaboration_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.676, p= 0.676)



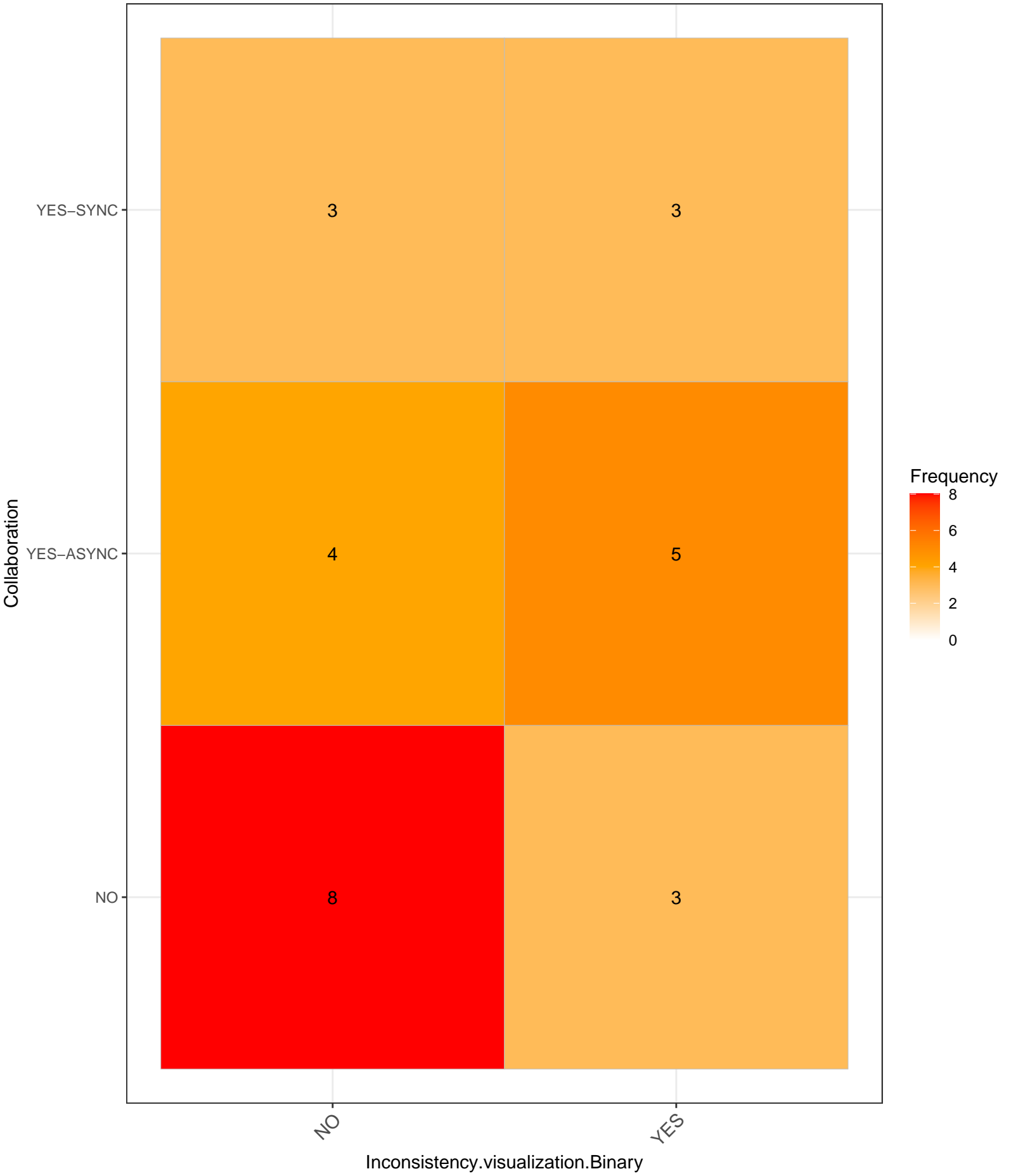
Collaboration_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.2352, p= 0.2352)



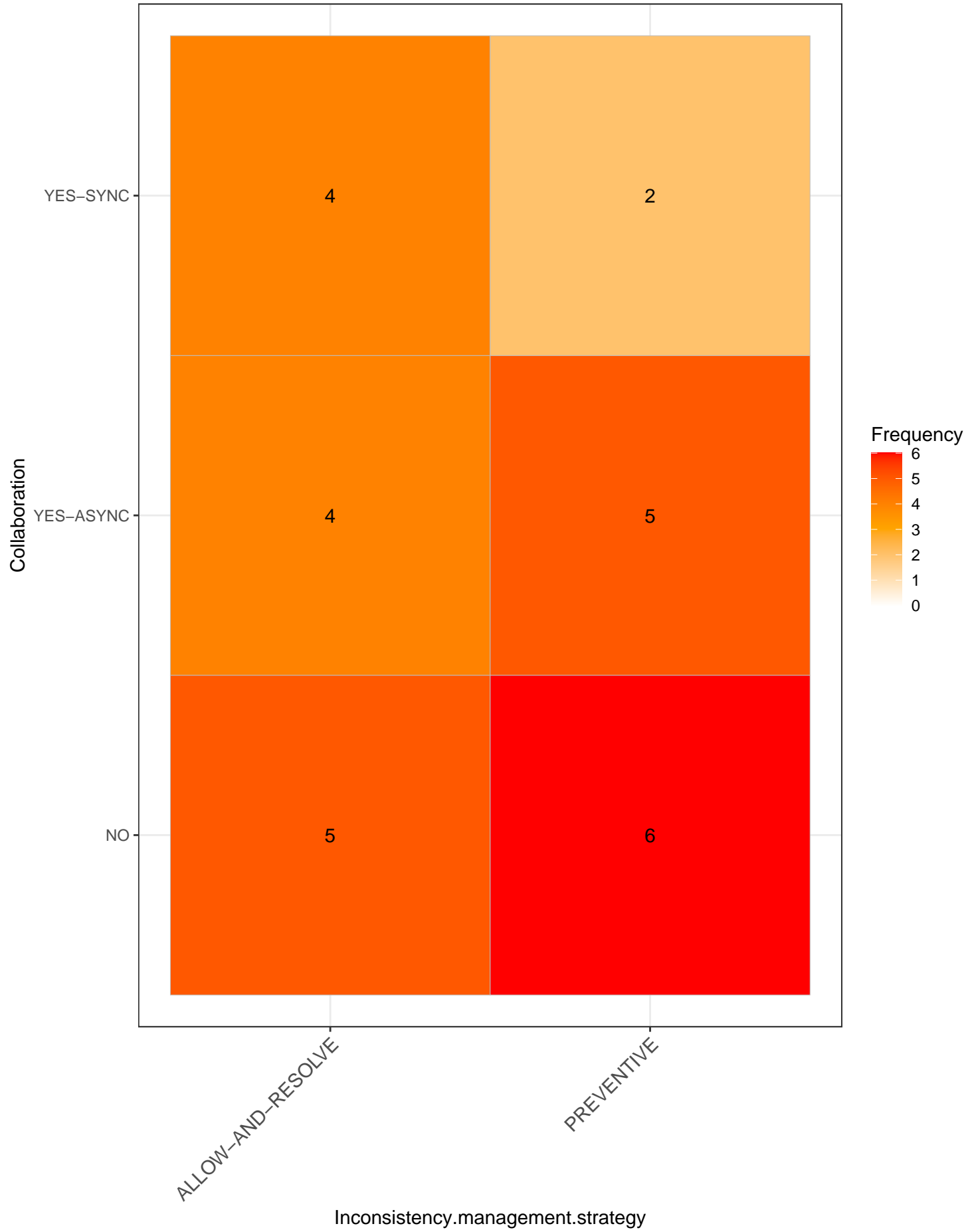
Collaboration_____Collaboration.Binary (Chi sq w/ Yates p= 0, p= 0)



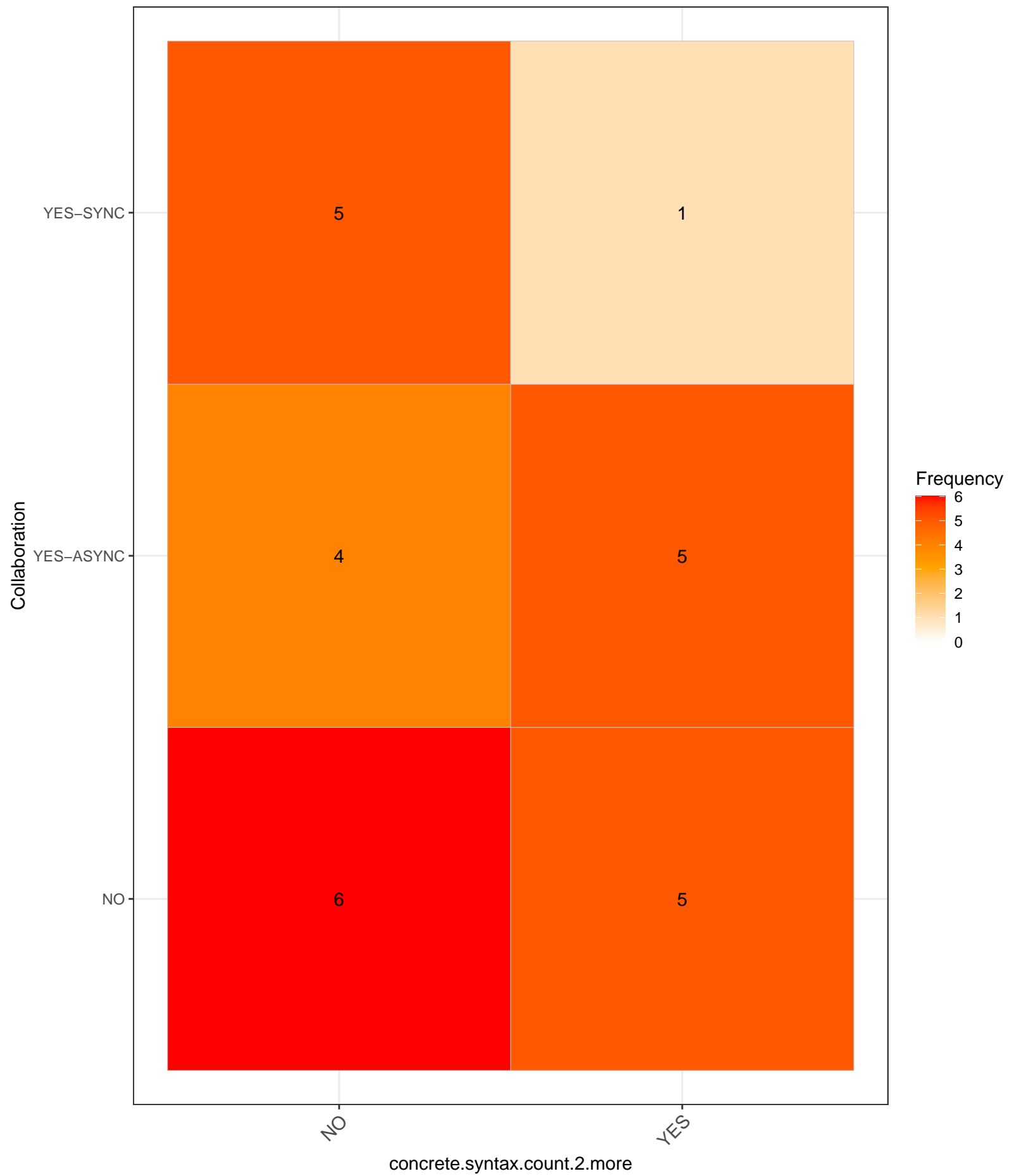
Collaboration_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.4043, p= 0.4043)



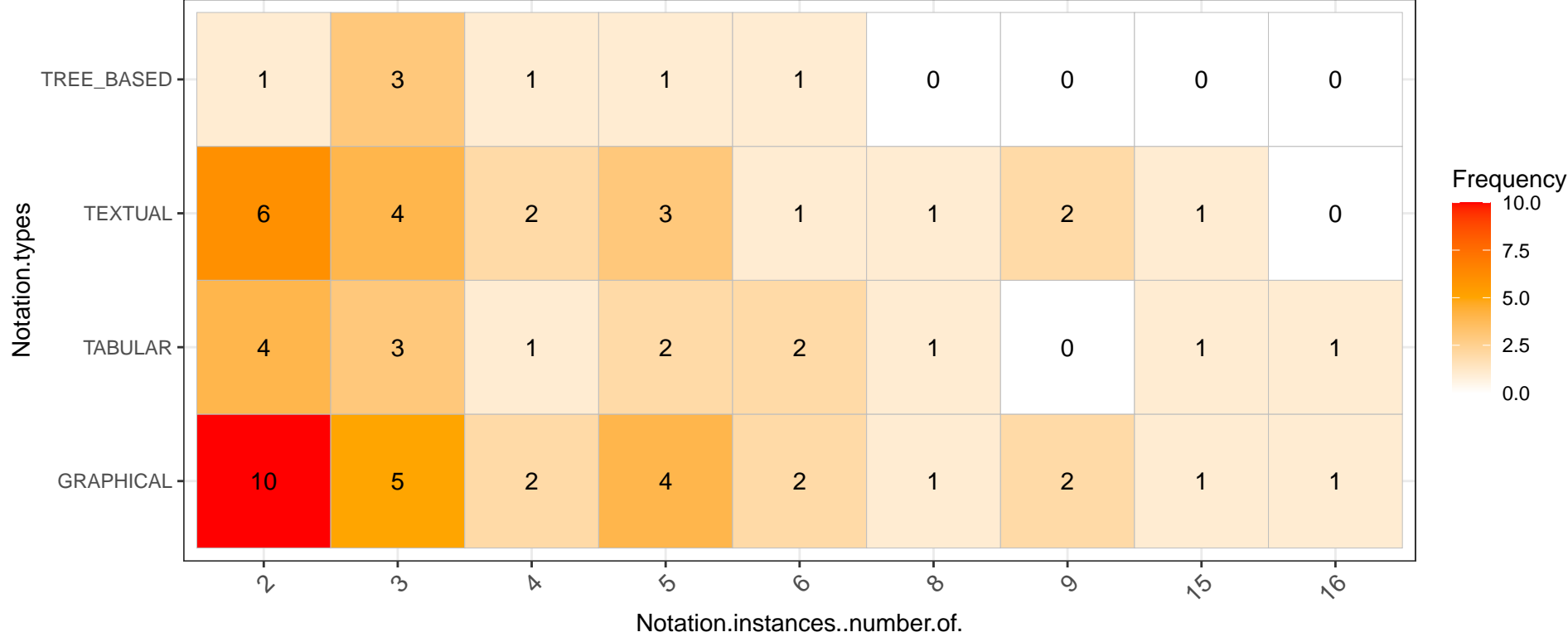
Collaboration_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.6477, p= 0.6477)



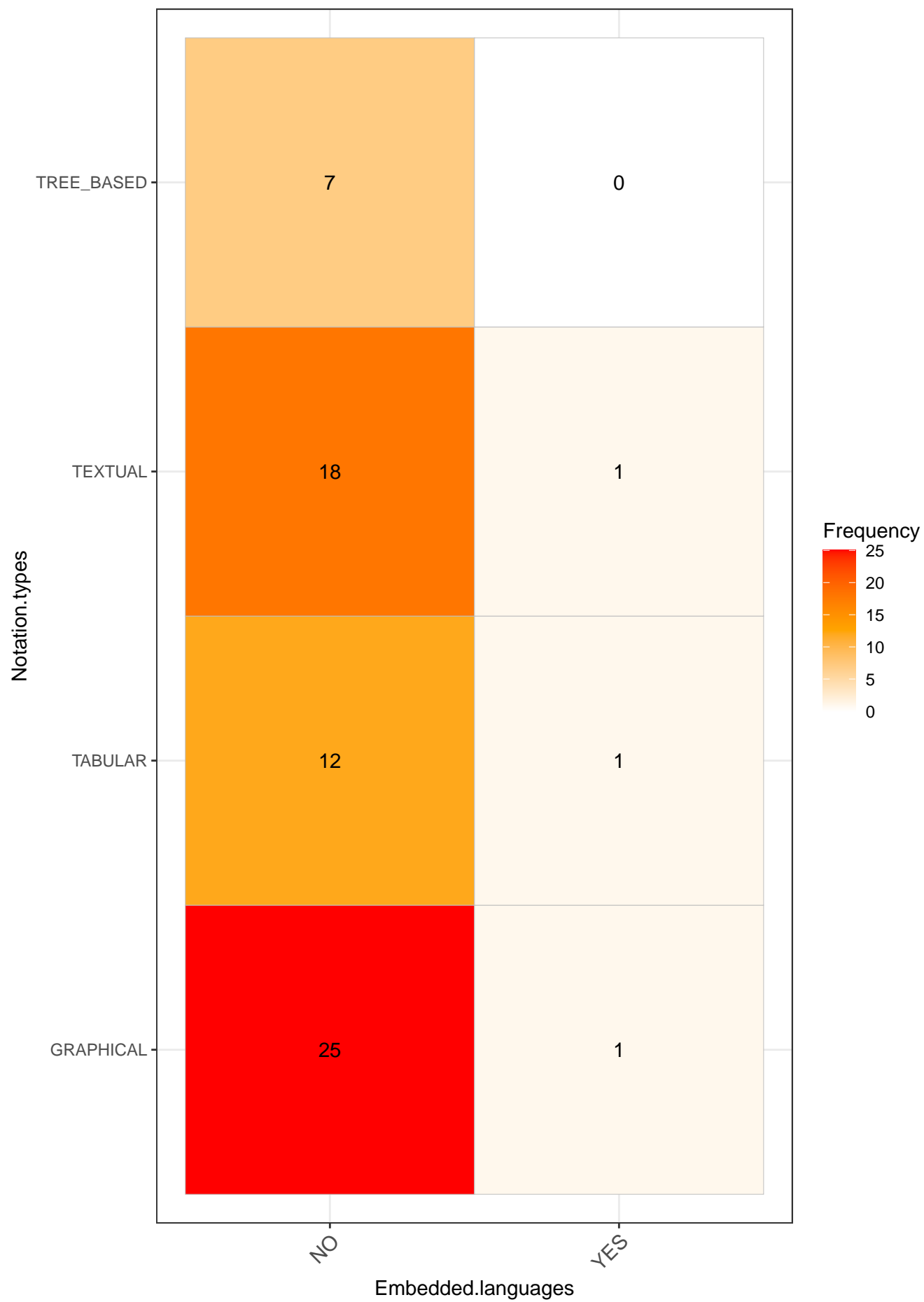
Collaboration_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.3154, p= 0.3154)



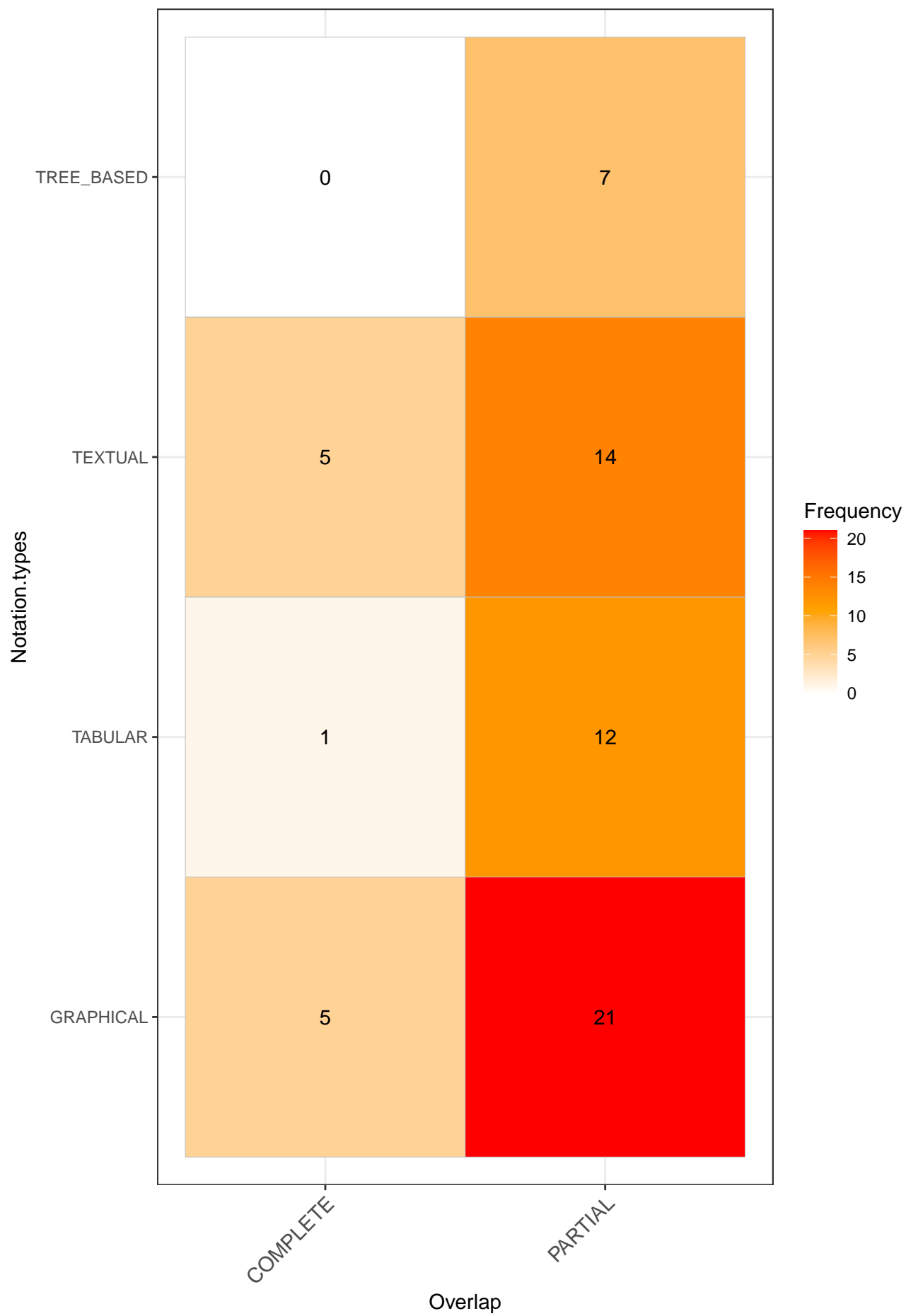
Notation.types____Notation.instances..number.of. (Chi sq w/ Yates p= 0.998, p= 0.998)



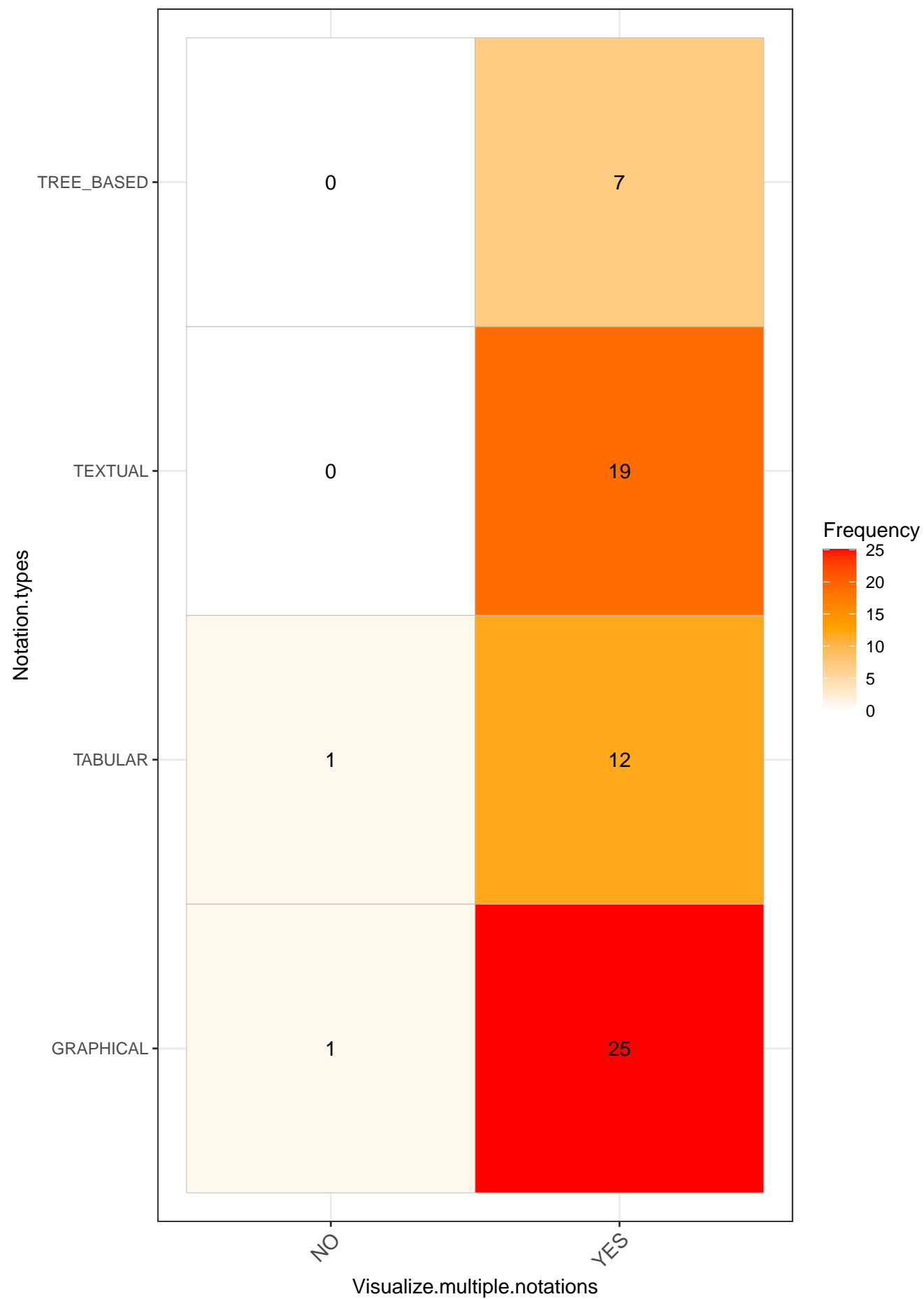
Notation.types_____Embedded.languages (Chi sq w/ Yates p= 0.8799, p= 0.8799)



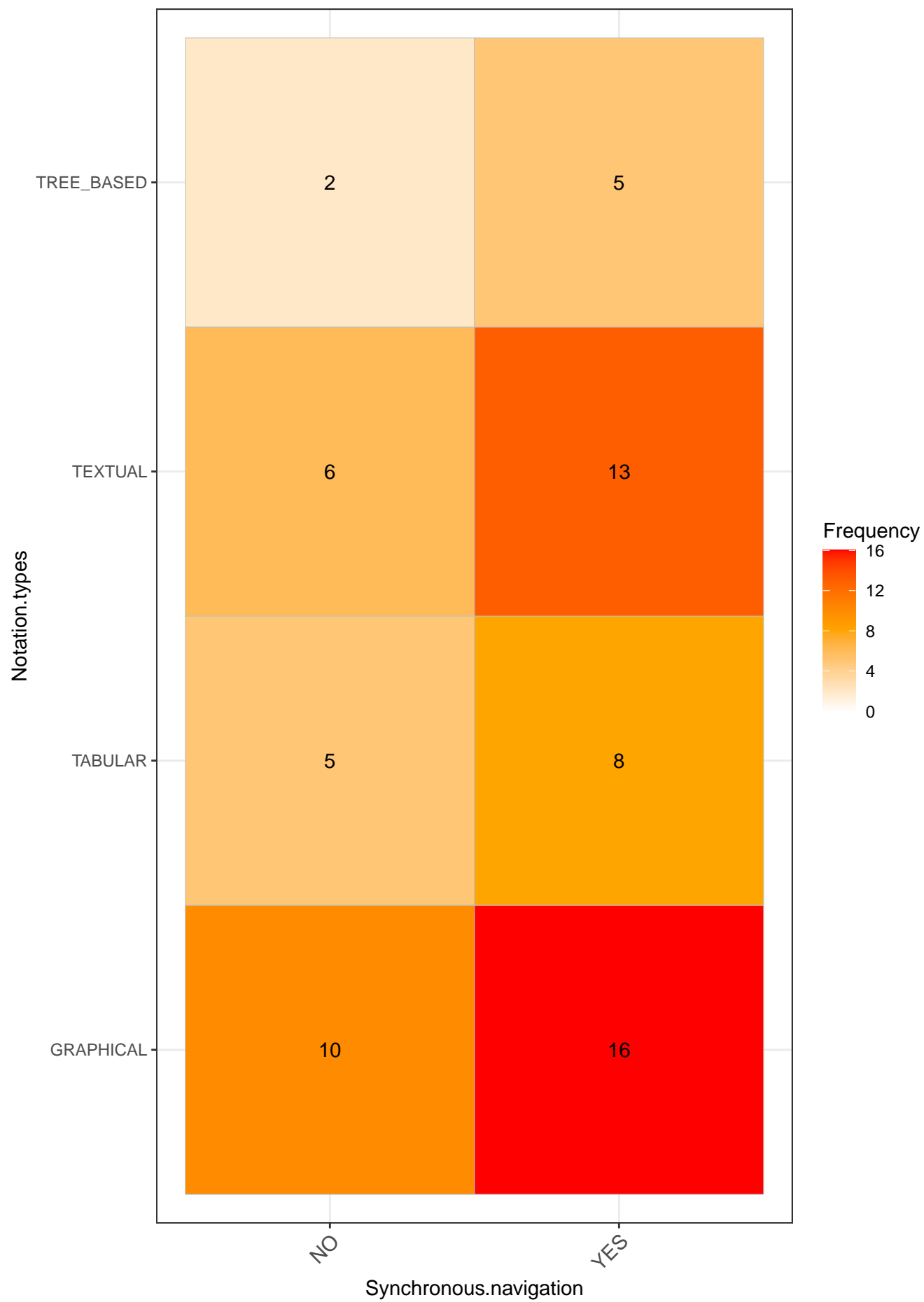
Notation.types_____Overlap (Chi sq w/ Yates p= 0.3202, p= 0.3202)



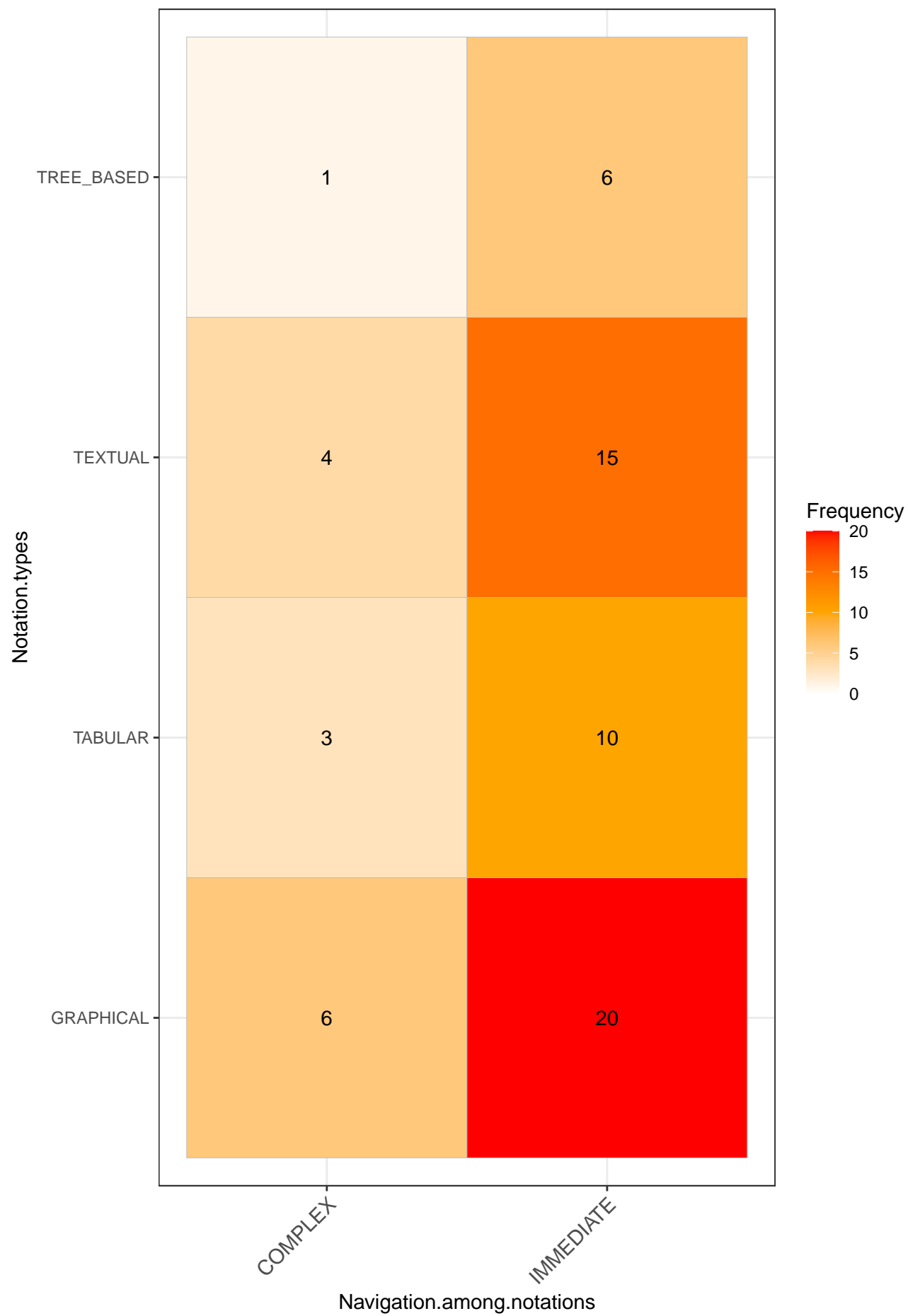
Notation.types_____Visualize.multiple.notations (Chi sq w/ Yates p= 0.6137, p= 0.6137)



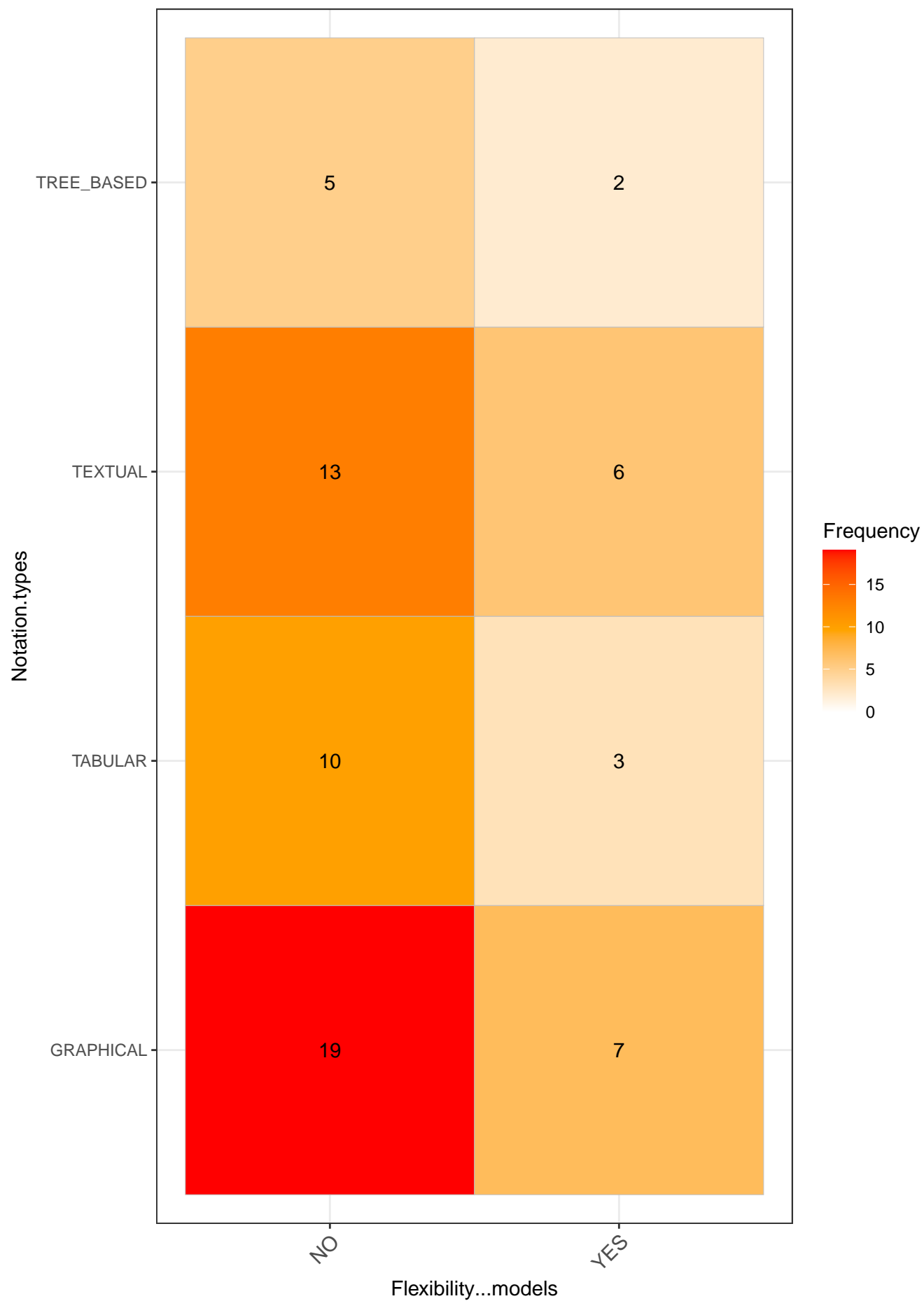
Notation.types_____Synchronous.navigation (Chi sq w/ Yates p= 0.9352, p= 0.9352)



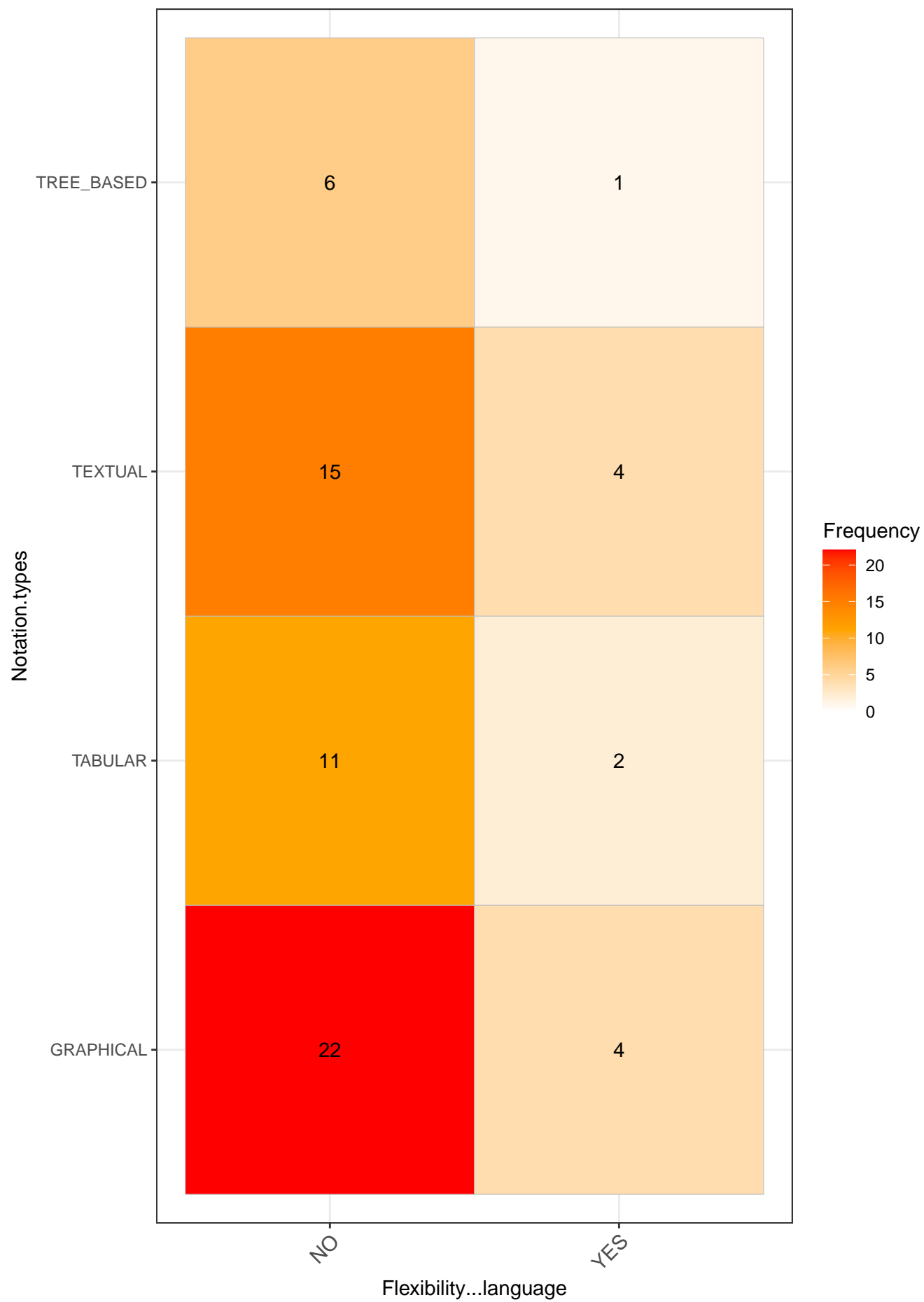
Notation.types____Navigation.among.notations (Chi sq w/ Yates p= 0.9646, p= 0.9646)



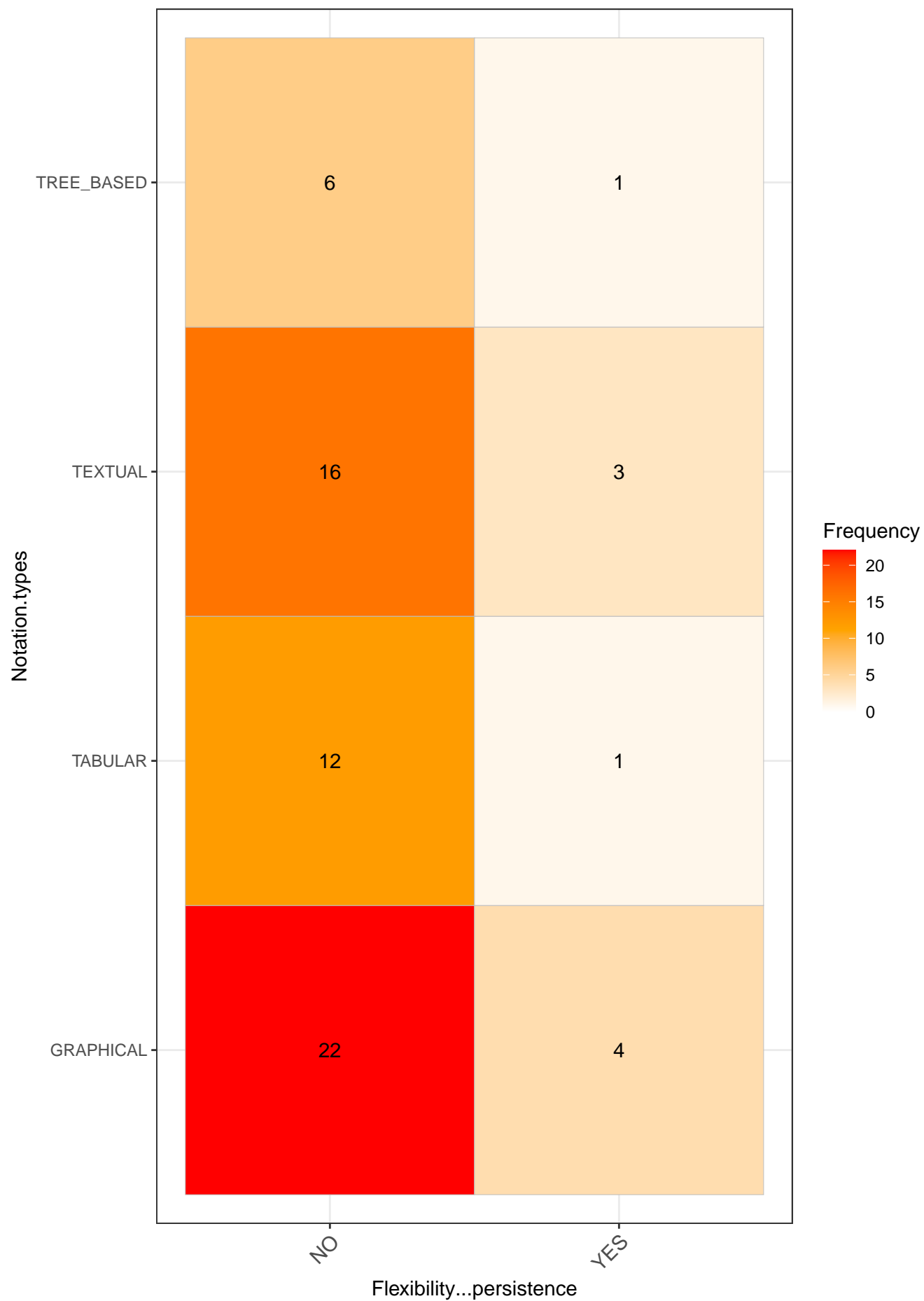
Notation.types_____Flexibility...models (Chi sq w/ Yates p= 0.9615, p= 0.9615)



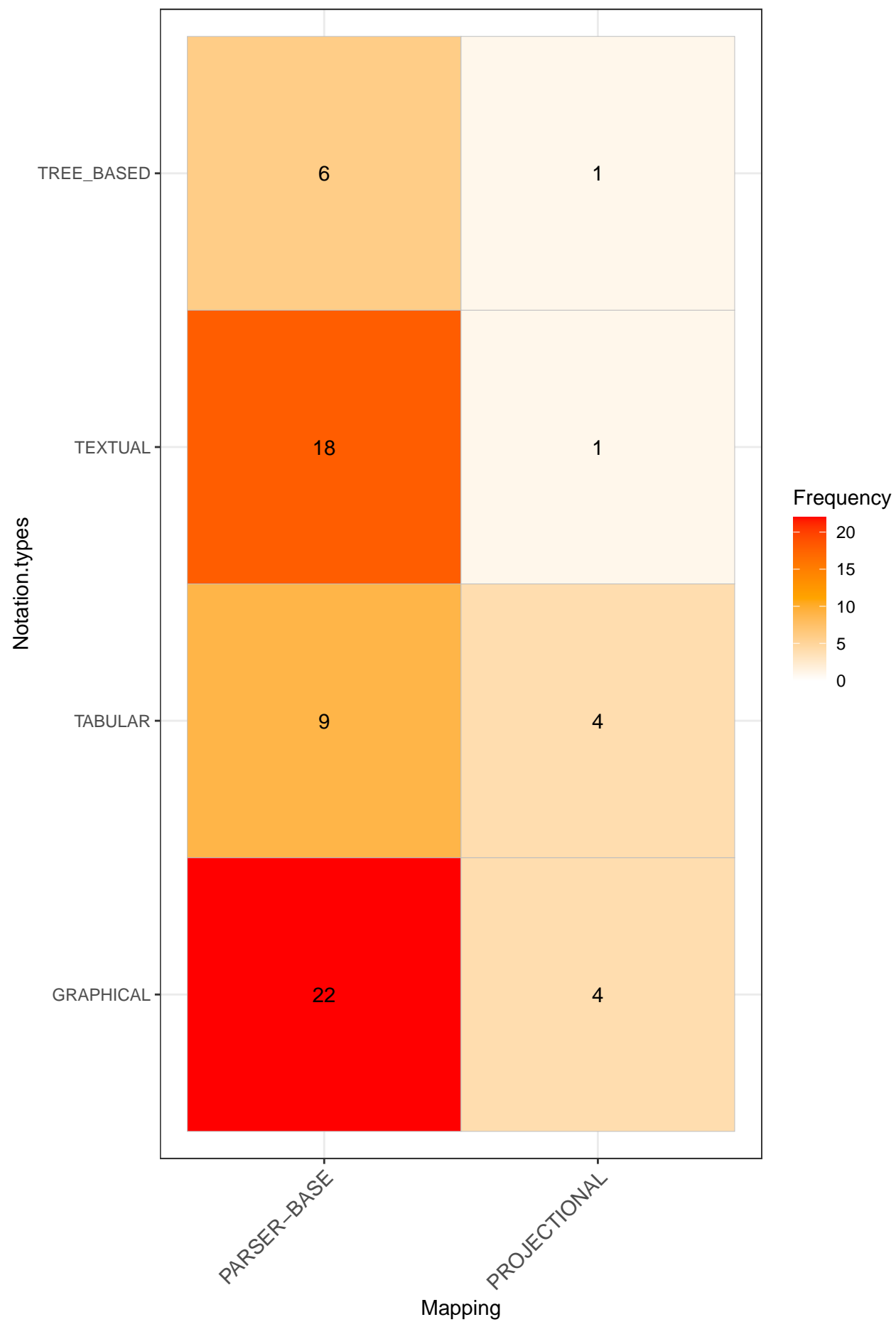
Notation.types_____Flexibility...language (Chi sq w/ Yates p= 0.9541, p= 0.9541)



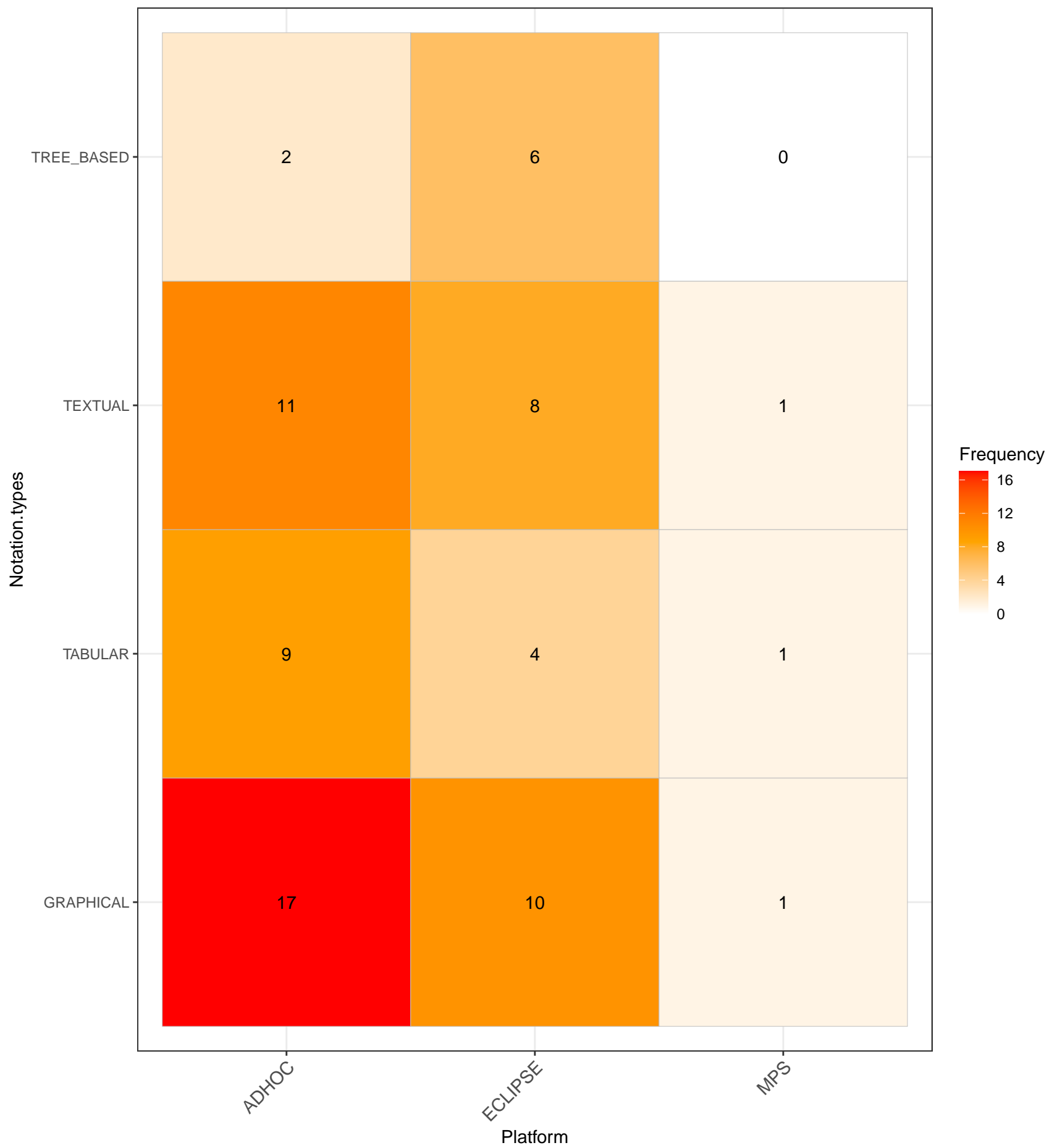
Notation.types_____Flexibility...persistence (Chi sq w/ Yates p= 0.9132, p= 0.9132)



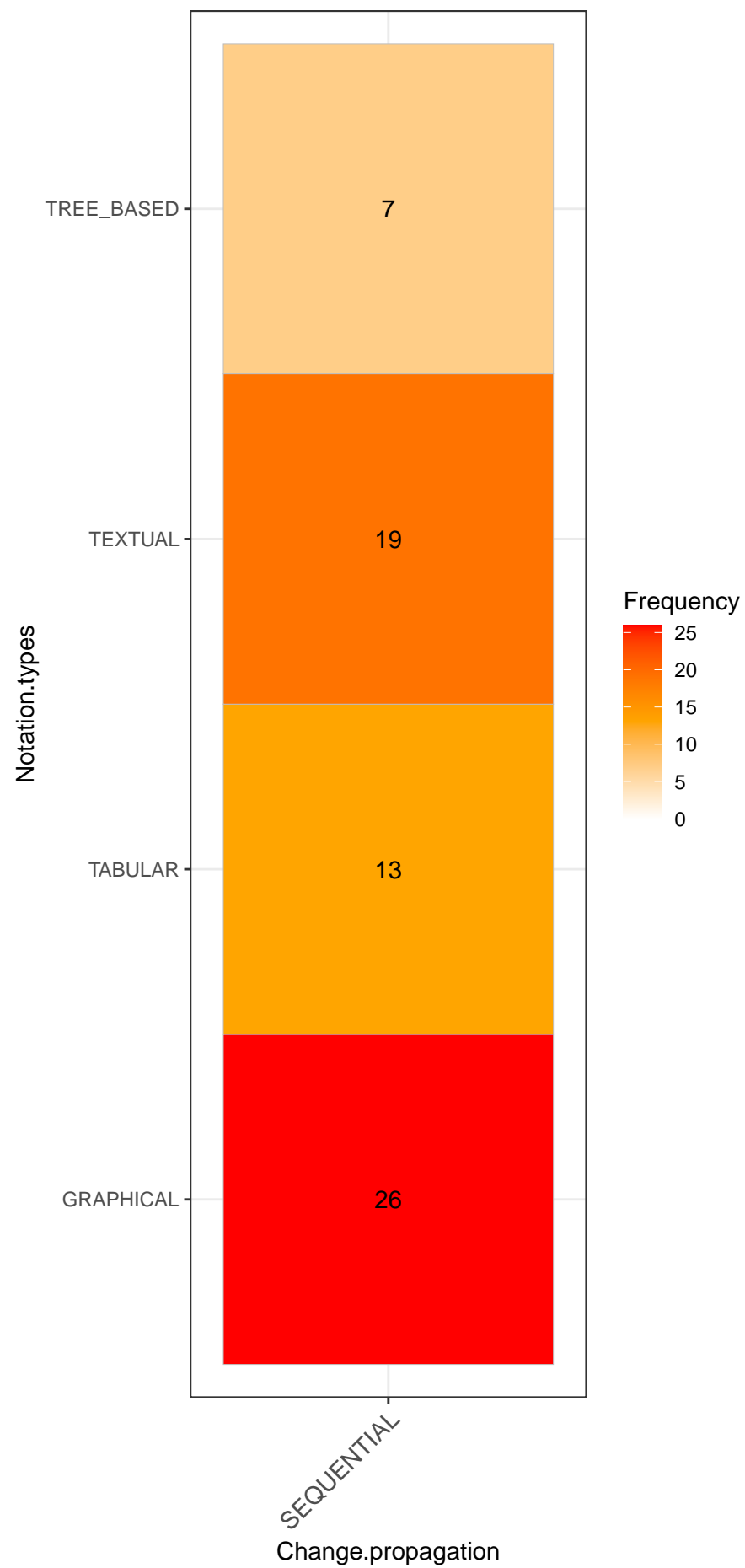
Notation.types_____Mapping (Chi sq w/ Yates p= 0.2764, p= 0.2764)



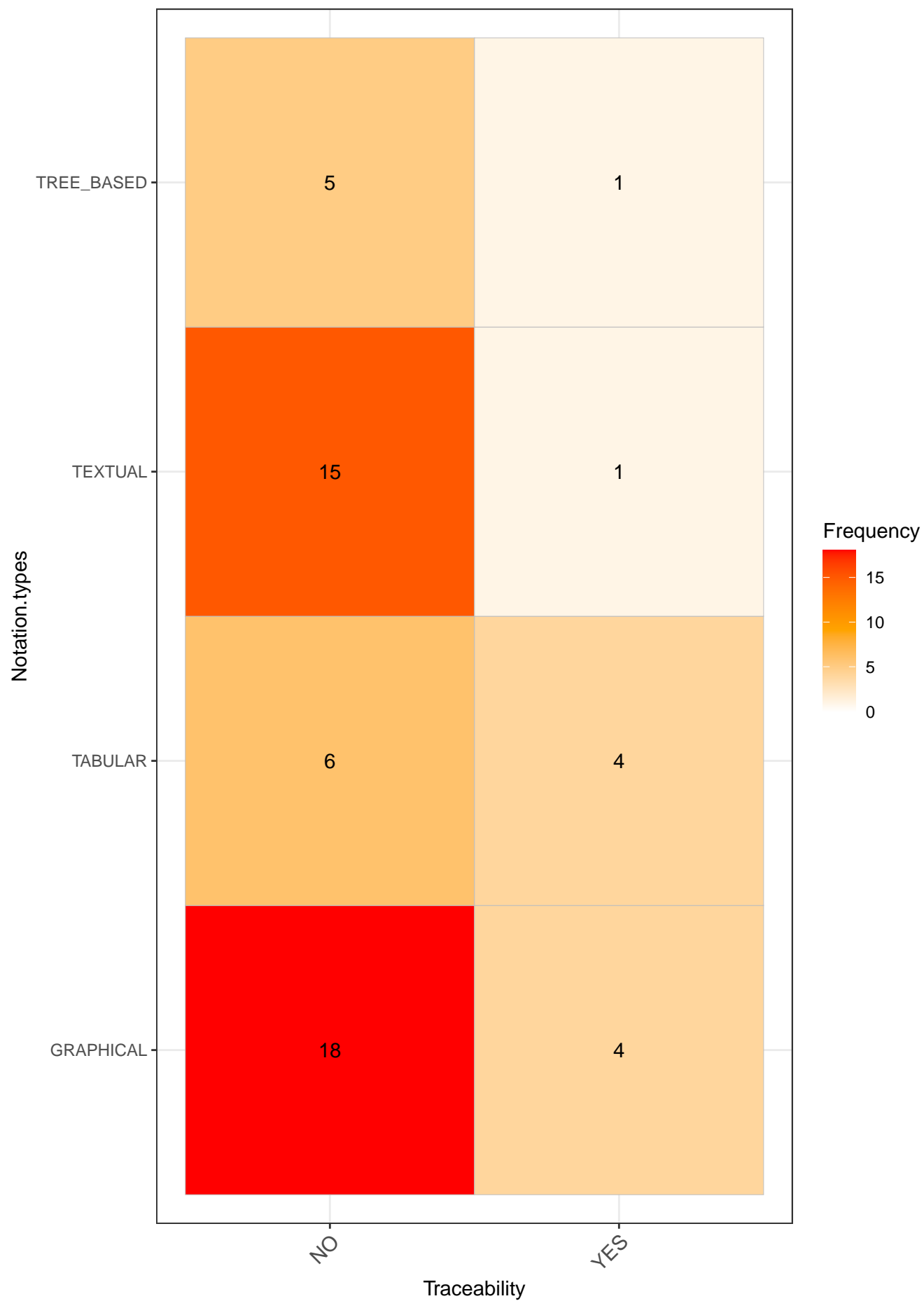
Notation.types_____Platform (Chi sq w/ Yates p= 0.4974, p= 0.4974)



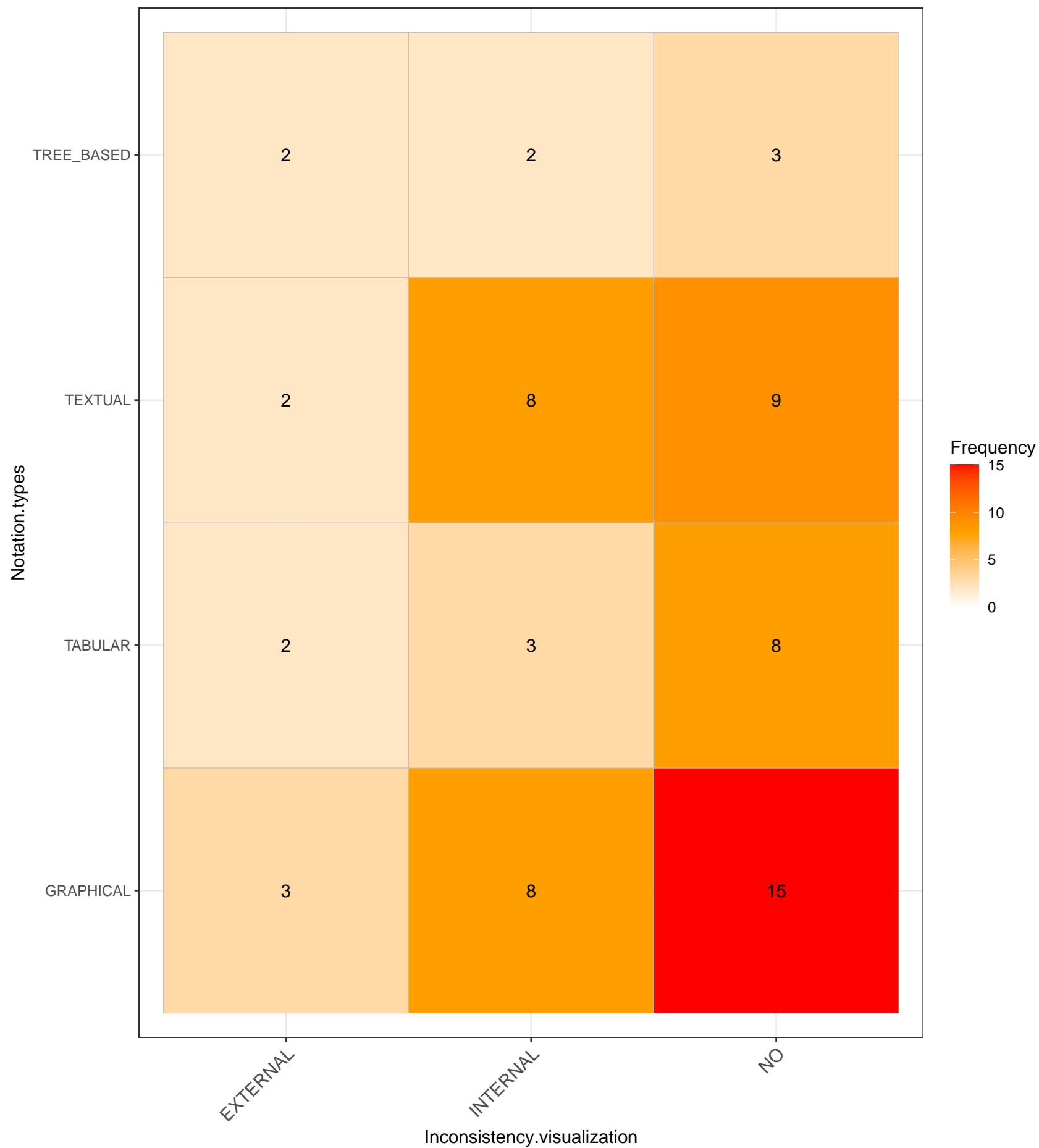
Notation.types_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



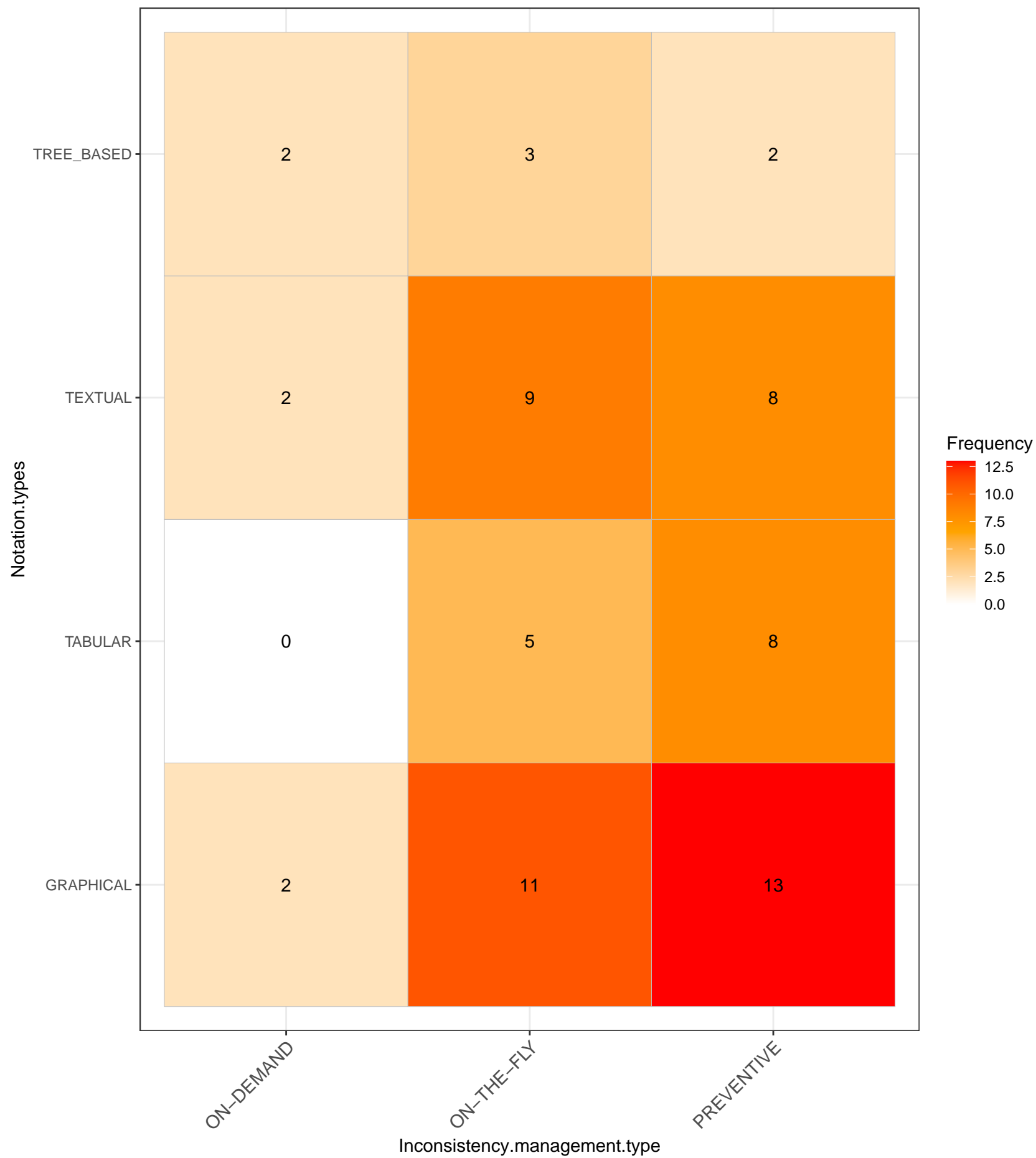
Notation.types_____Traceability (Chi sq w/ Yates p= 0.1977, p= 0.1977)



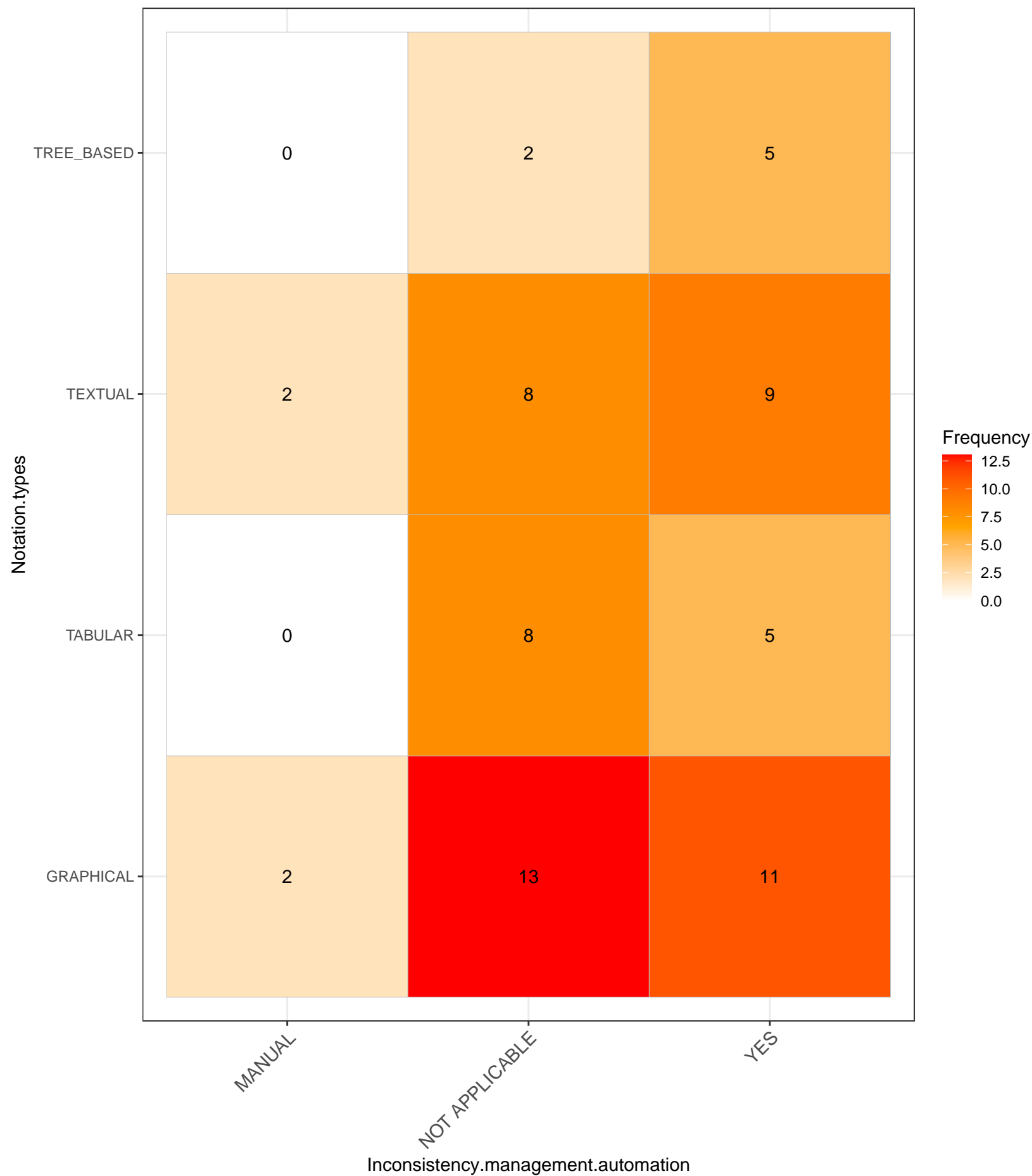
Notation.types_____Inconsistency.visualization (Chi sq w/ Yates p= 0.828, p= 0.828)



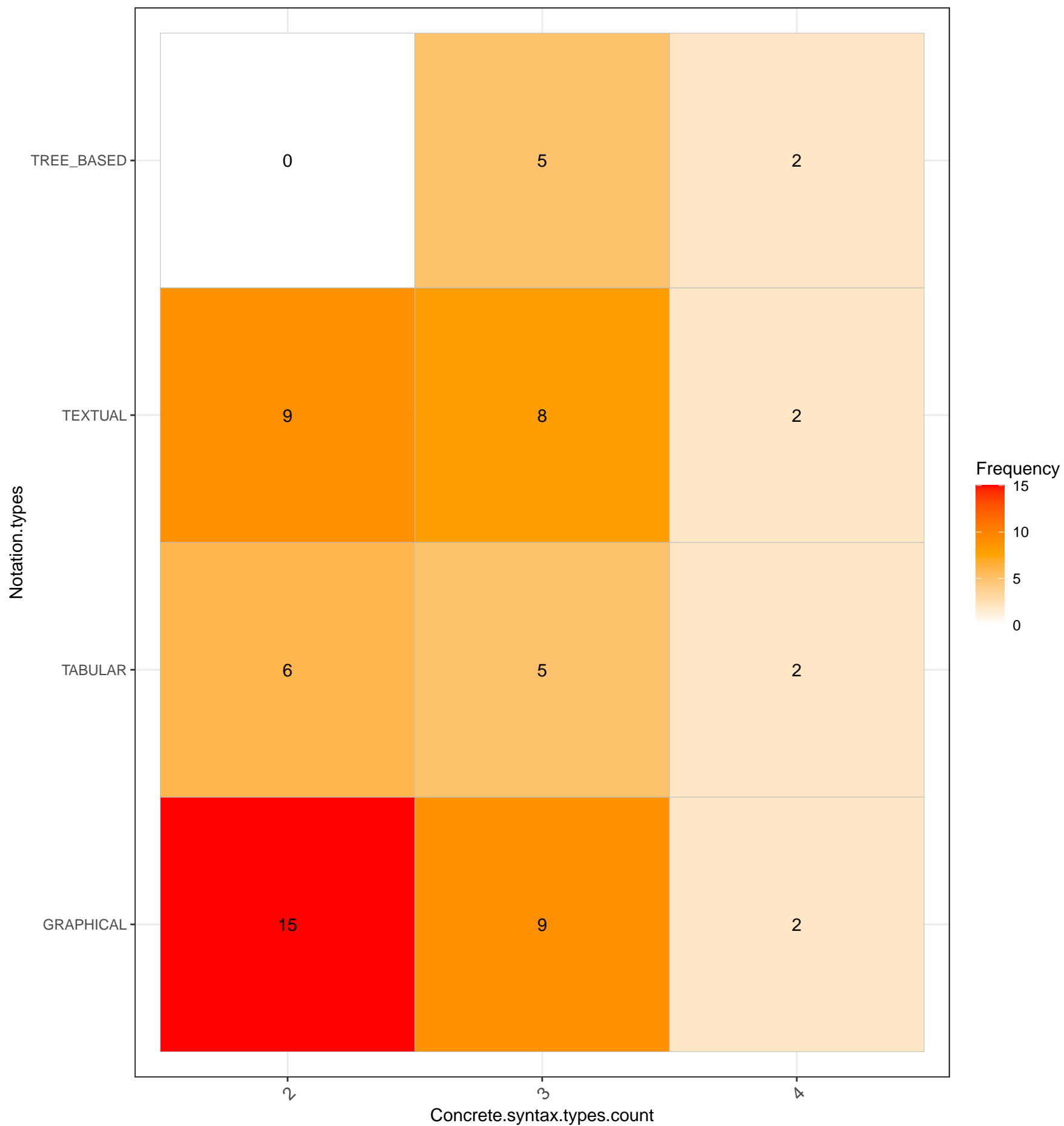
Notation.types_____Inconsistency.management.type (Chi sq w/ Yates p= 0.4815, p= 0.4815)



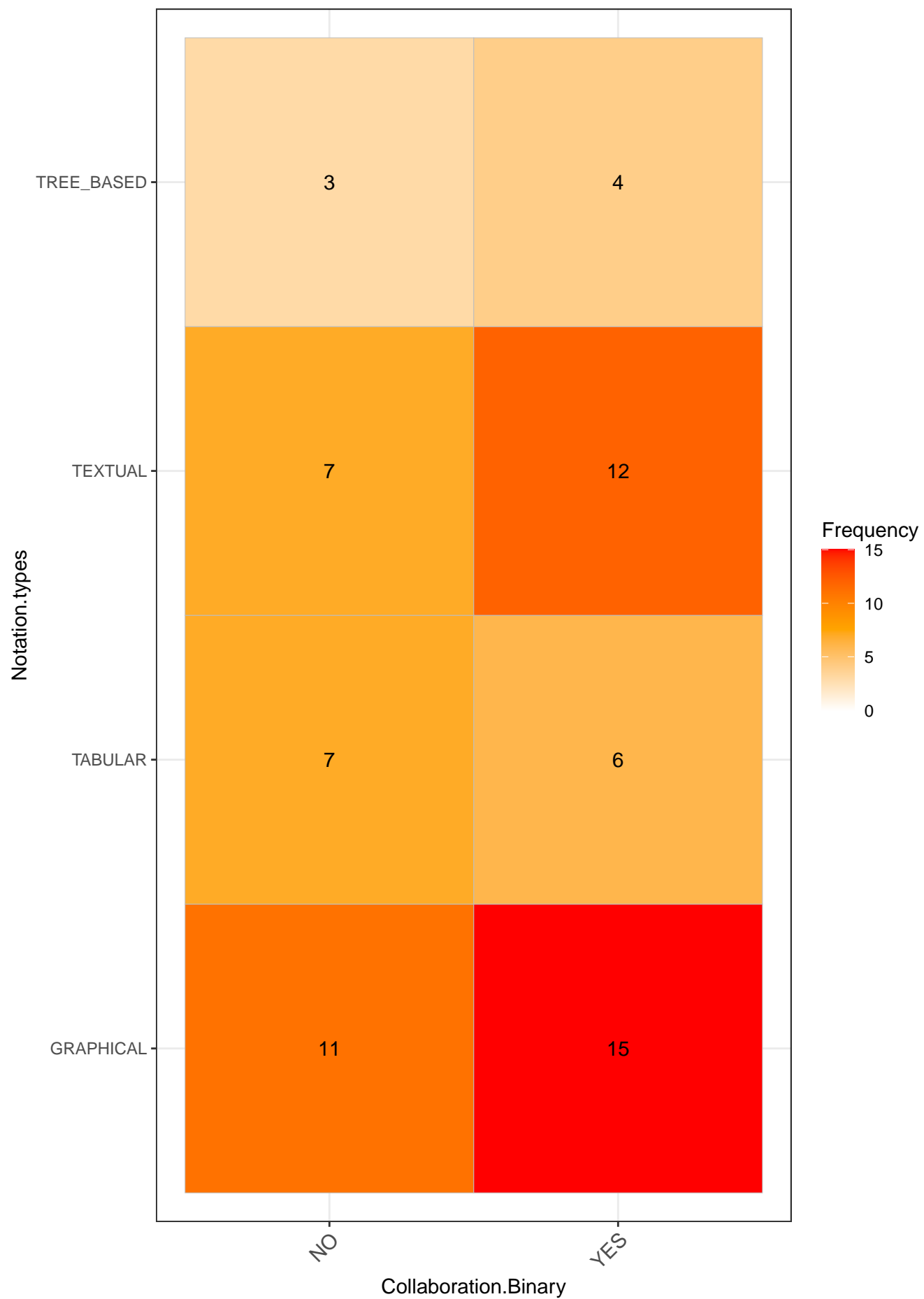
Notation.types_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.6283, p= 0.6283)



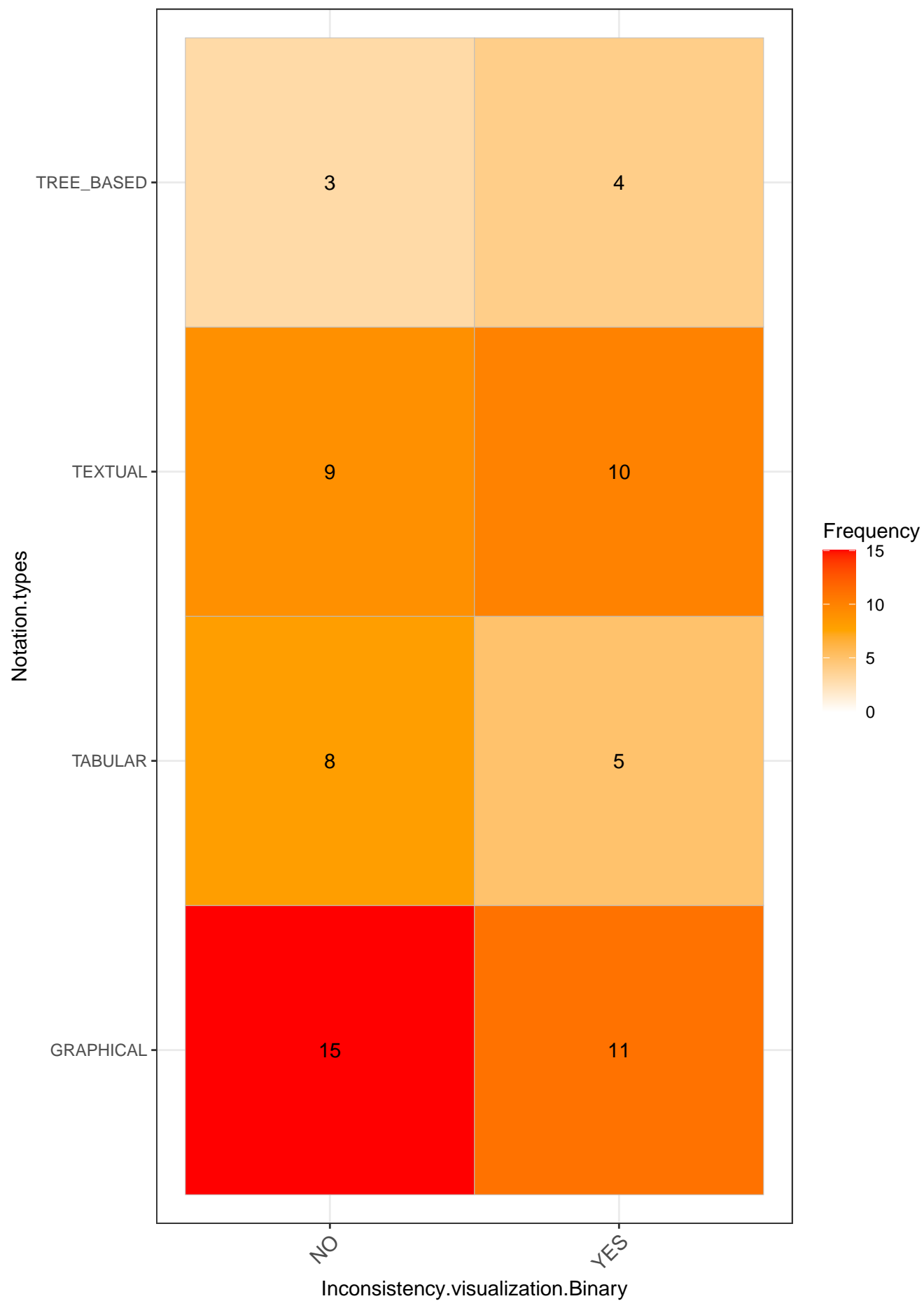
Notation.types_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.2435, p= 0.2435)



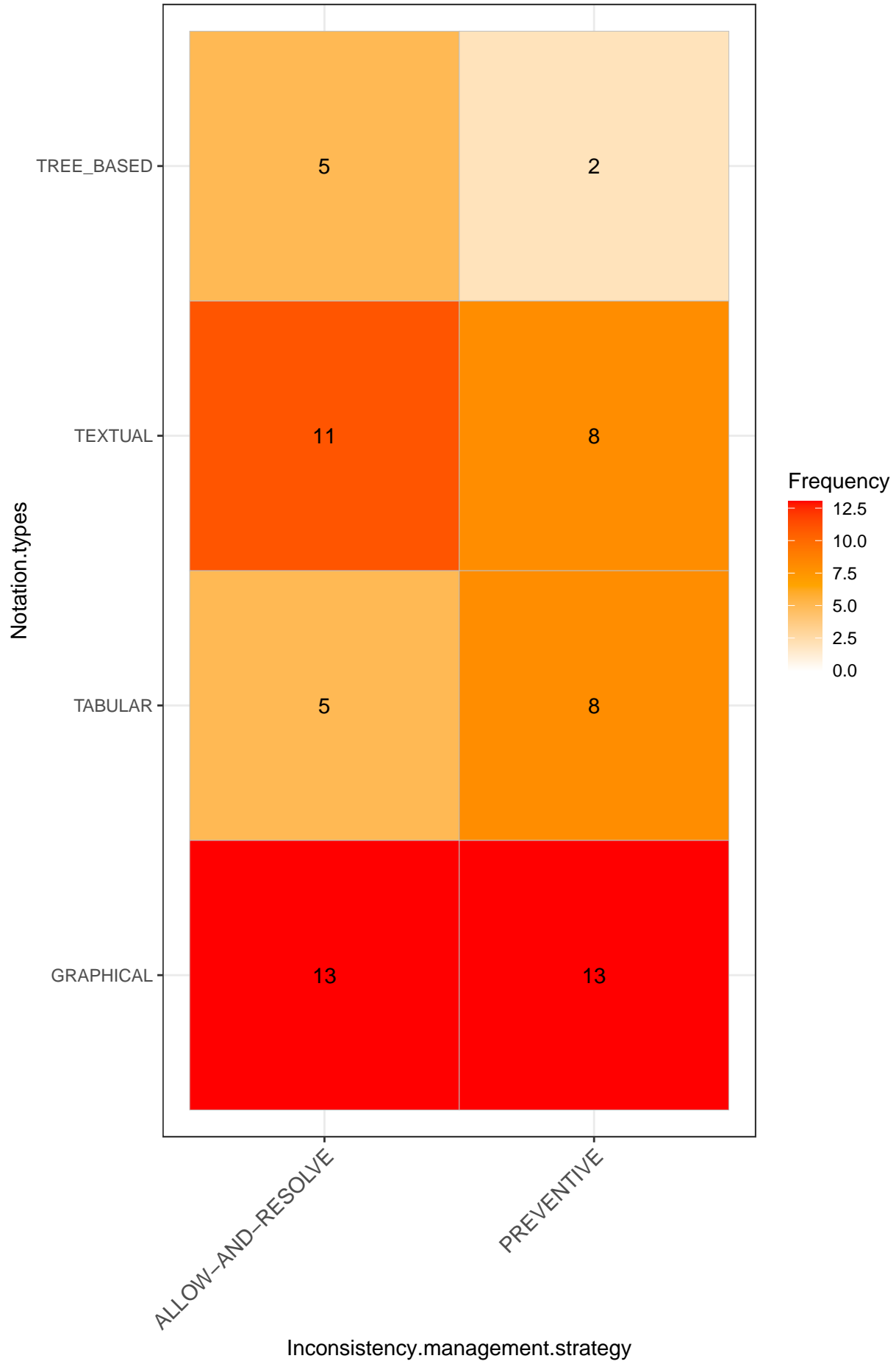
Notation.types_____Collaboration.Binary (Chi sq w/ Yates p= 0.82, p= 0.82)



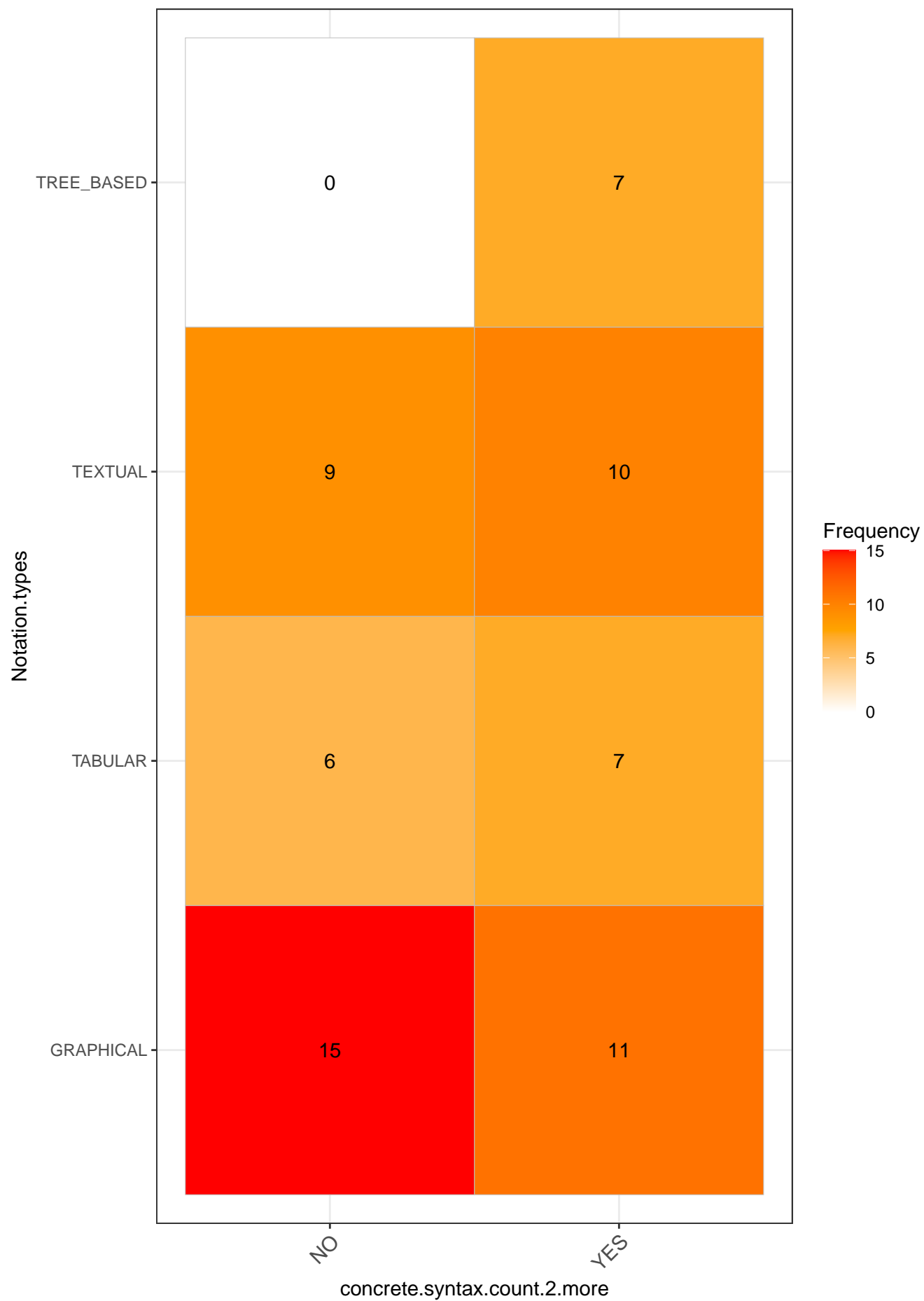
Notation.types_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.771, p= 0.771)



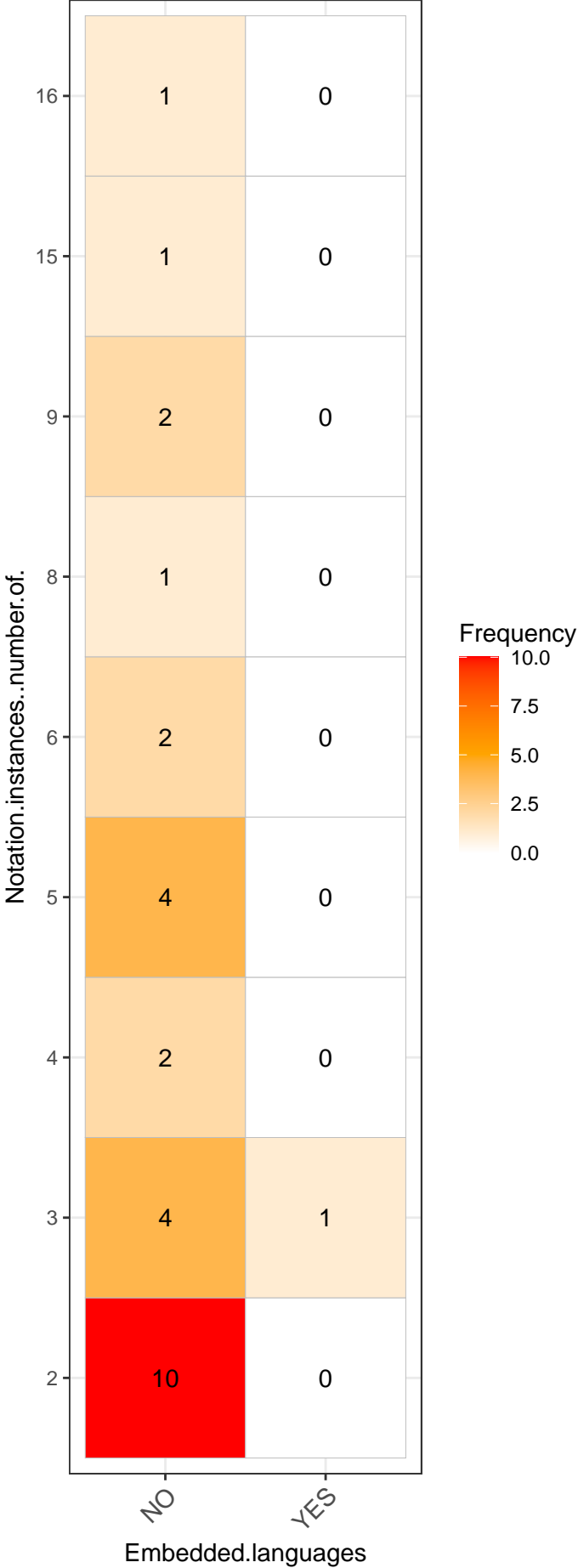
Notation.types_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.509, p= 0.509)



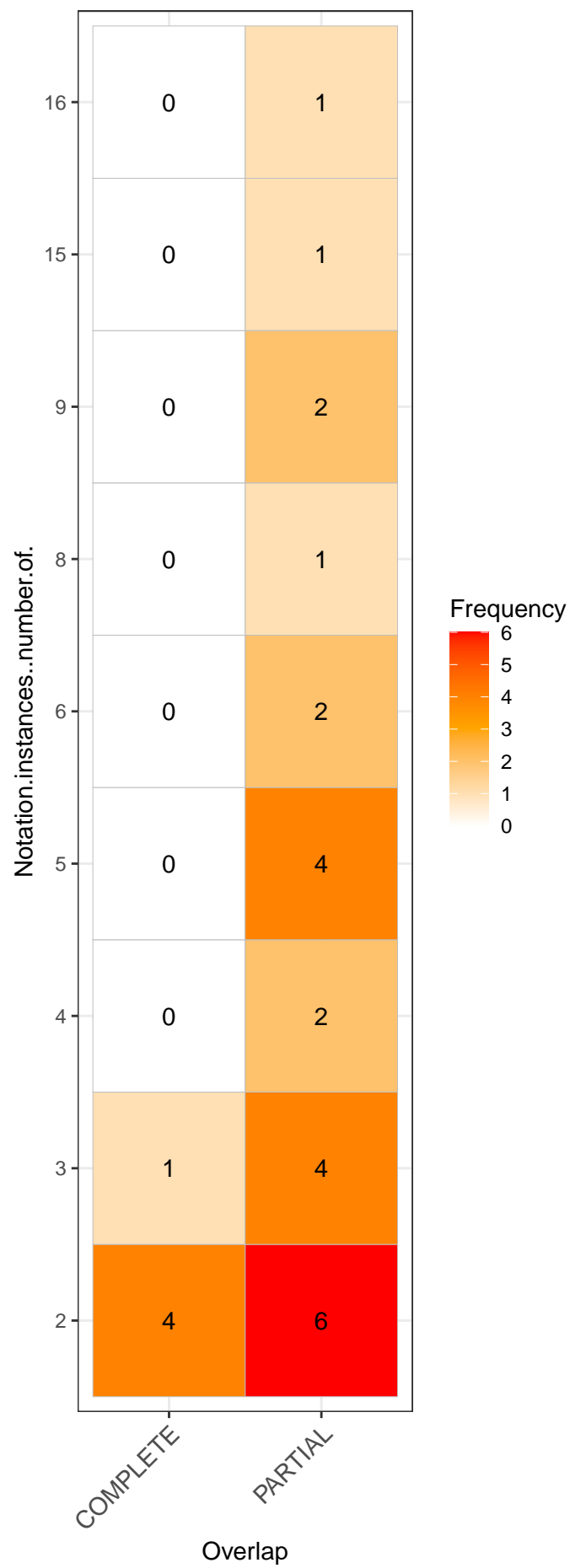
Notation.types_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.0601, p= 0.0601)



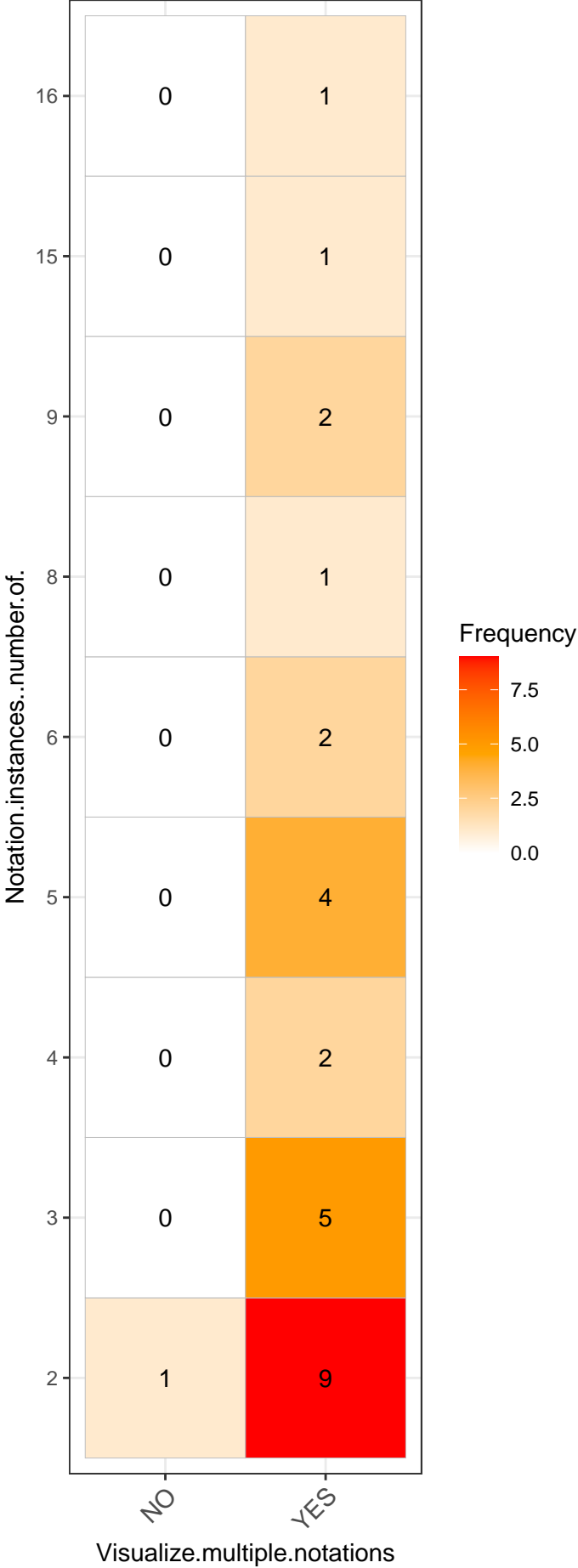
Notation.instances..number.of._____Embedded.languages (Chi sq w/ Yates p= 0.7818, p= 0.7818)



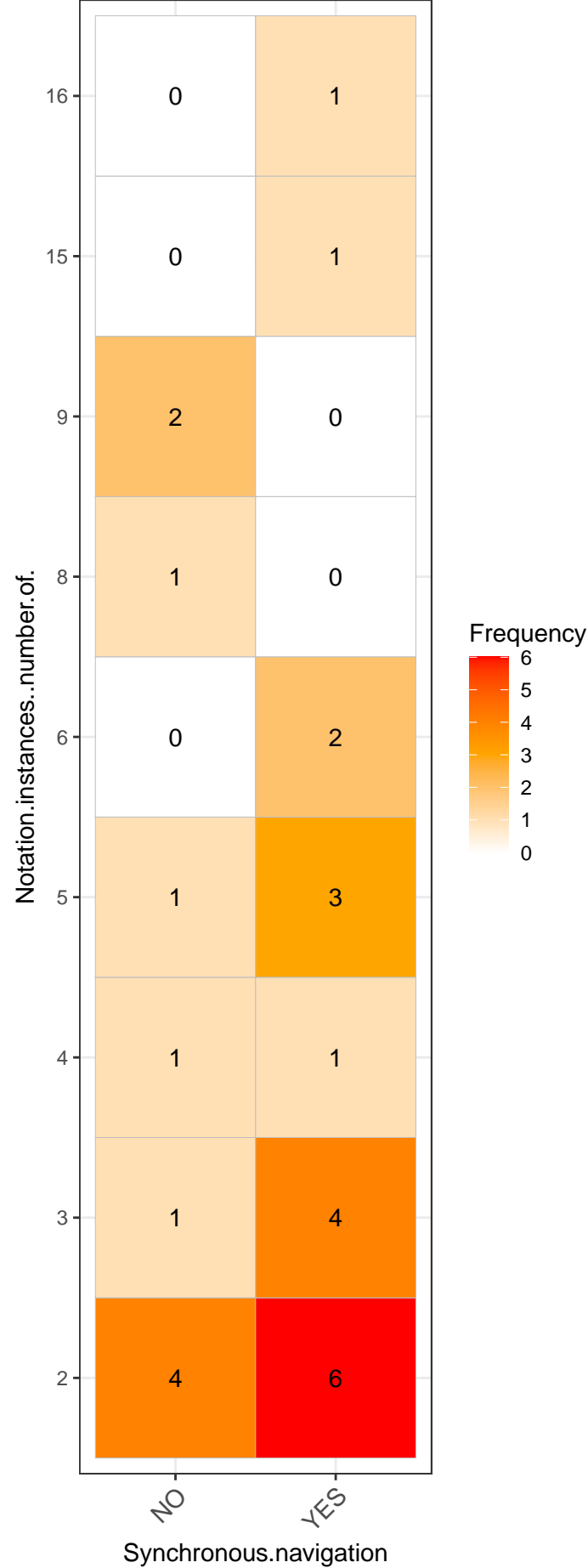
Notation.instances..number.of.Overlap (Chi sq w/ Yates p= 0.6266, p= 0.6266)

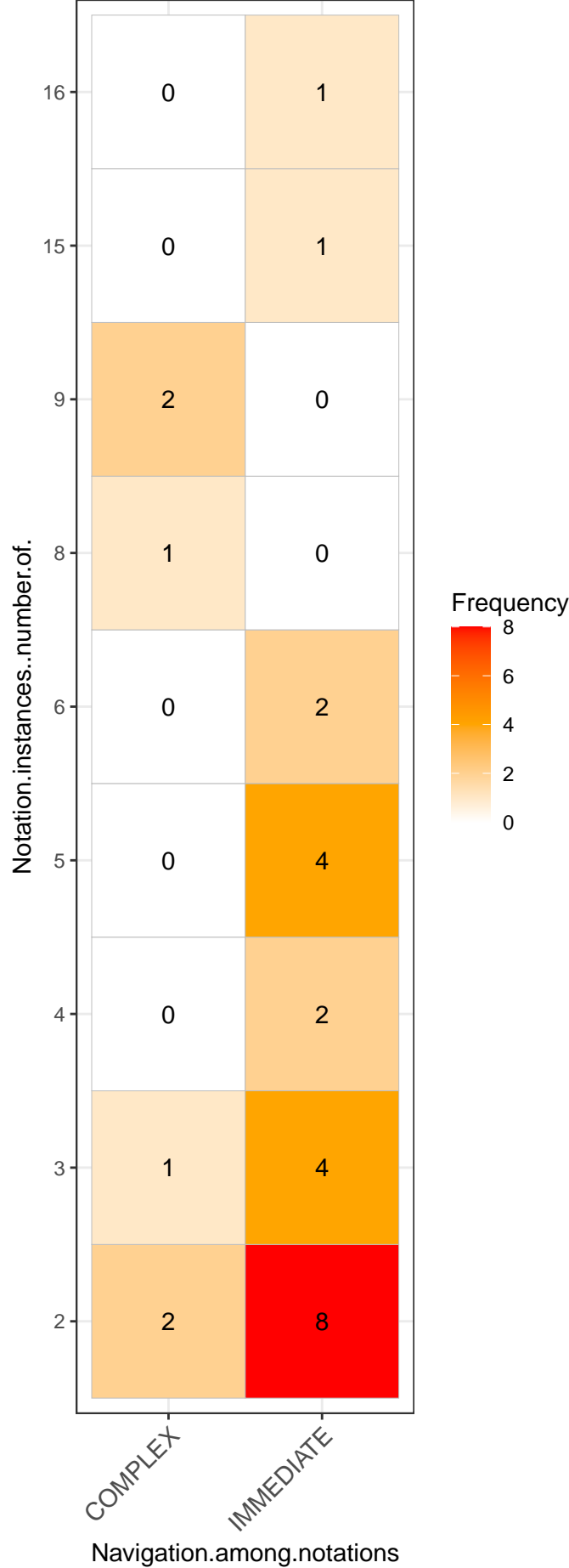


Notation.instances..number.of._____Visualize.multiple.notations (Chi sq w/ Yates p= 0.9848, p= 0.9848)

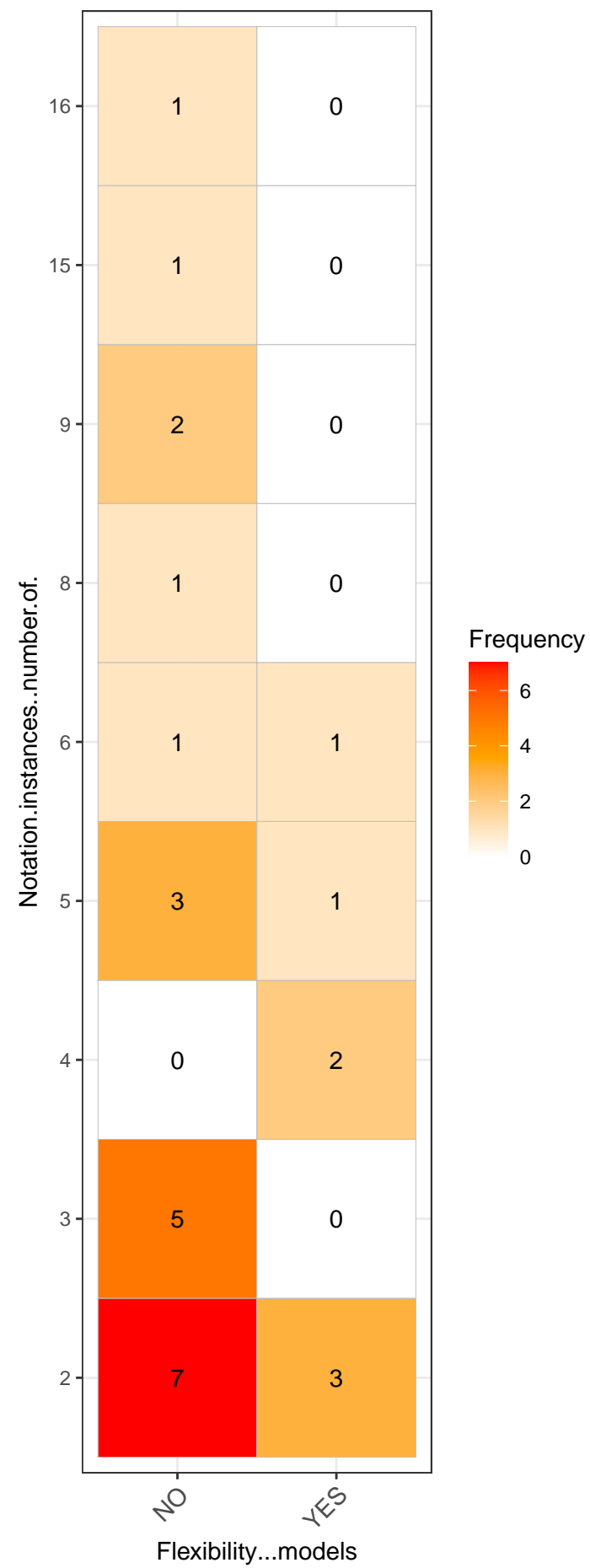


Notation.instances..number.of._____Synchronous.navigation (Chi sq w/ Yates p= 0.3756, p= 0.3756)

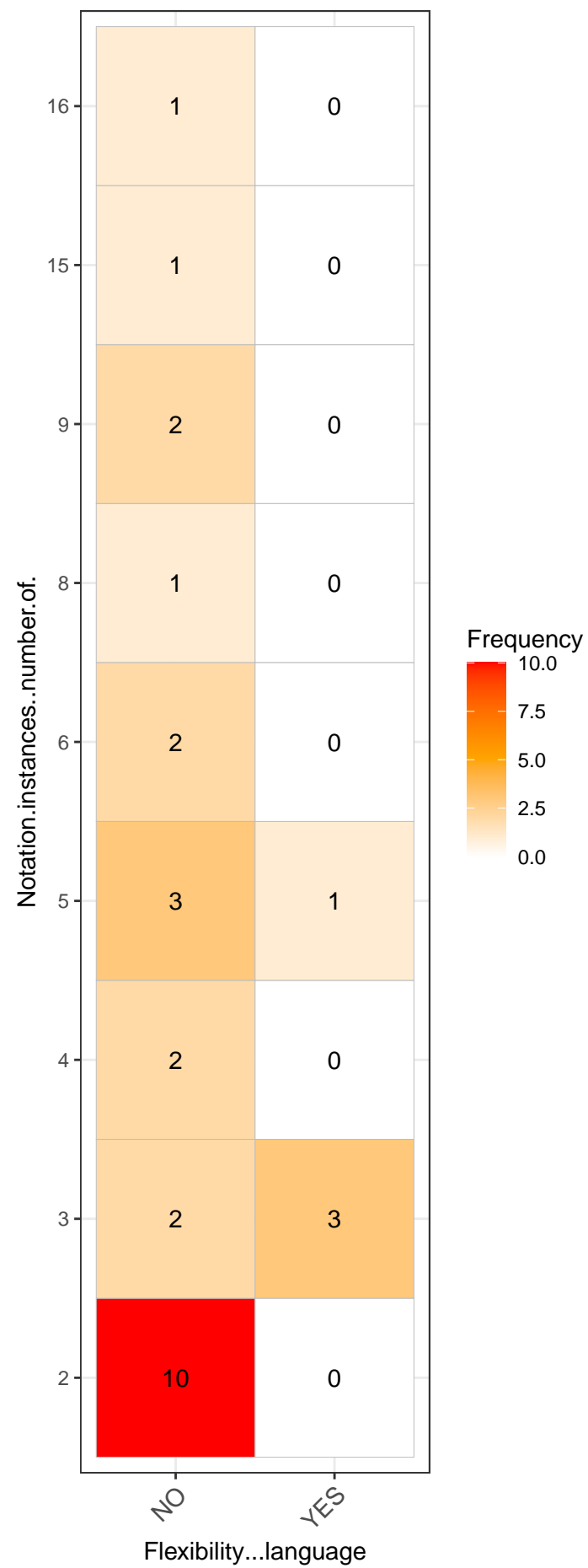




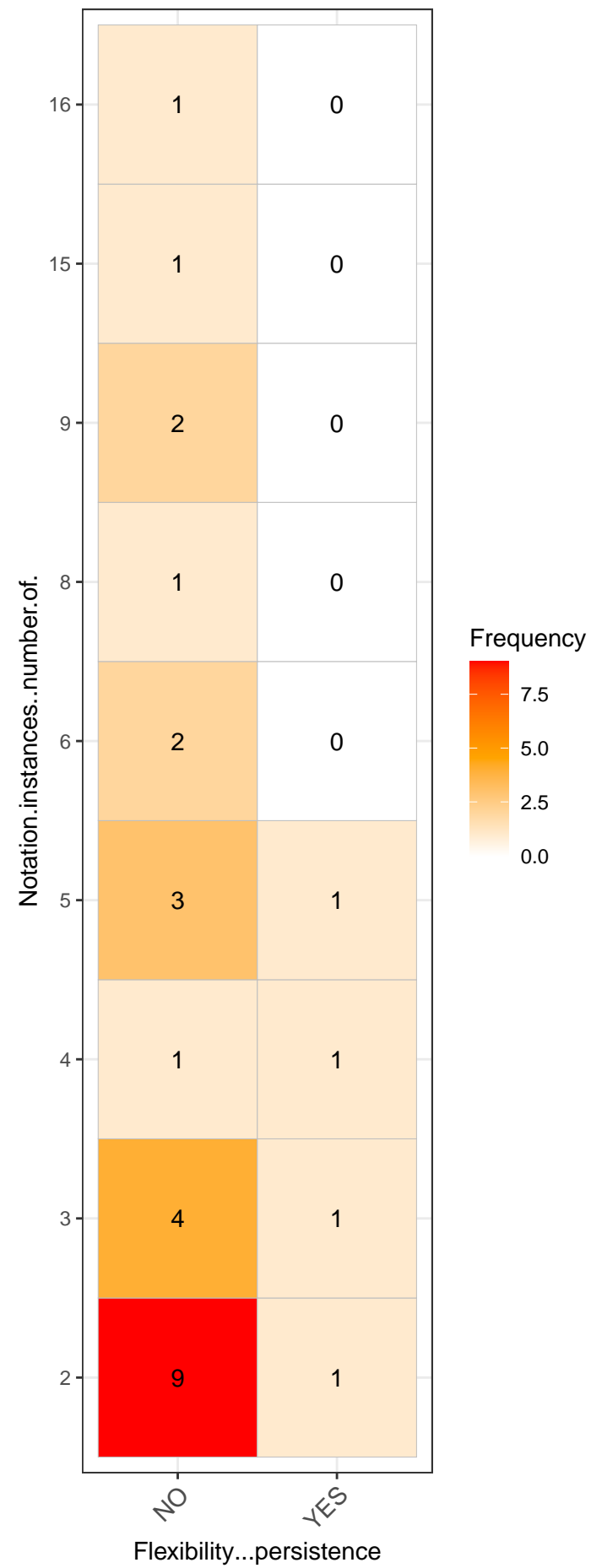
Notation.instances..number.of._____Flexibility...models (Chi sq w/ Yates p= 0.2558, p= 0.2558)



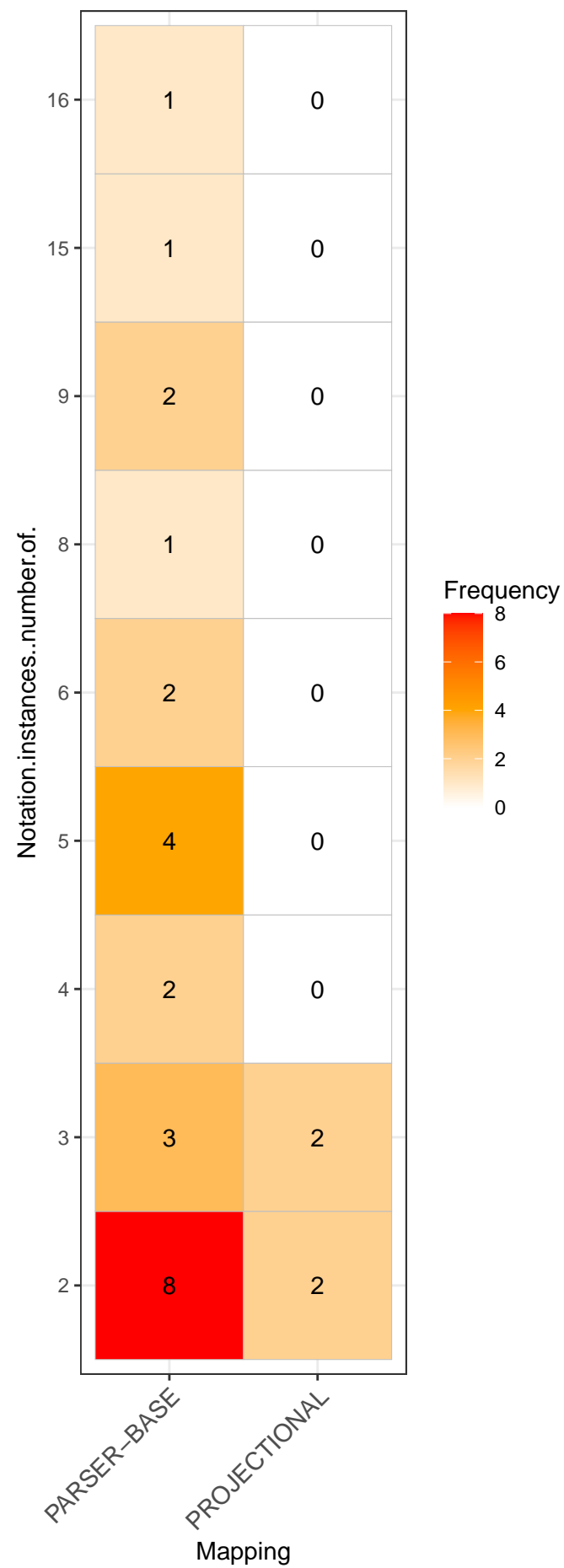
Notation.instances..number.of._____Flexibility...language (Chi sq w/ Yates p= 0.1479, p= 0.1479)



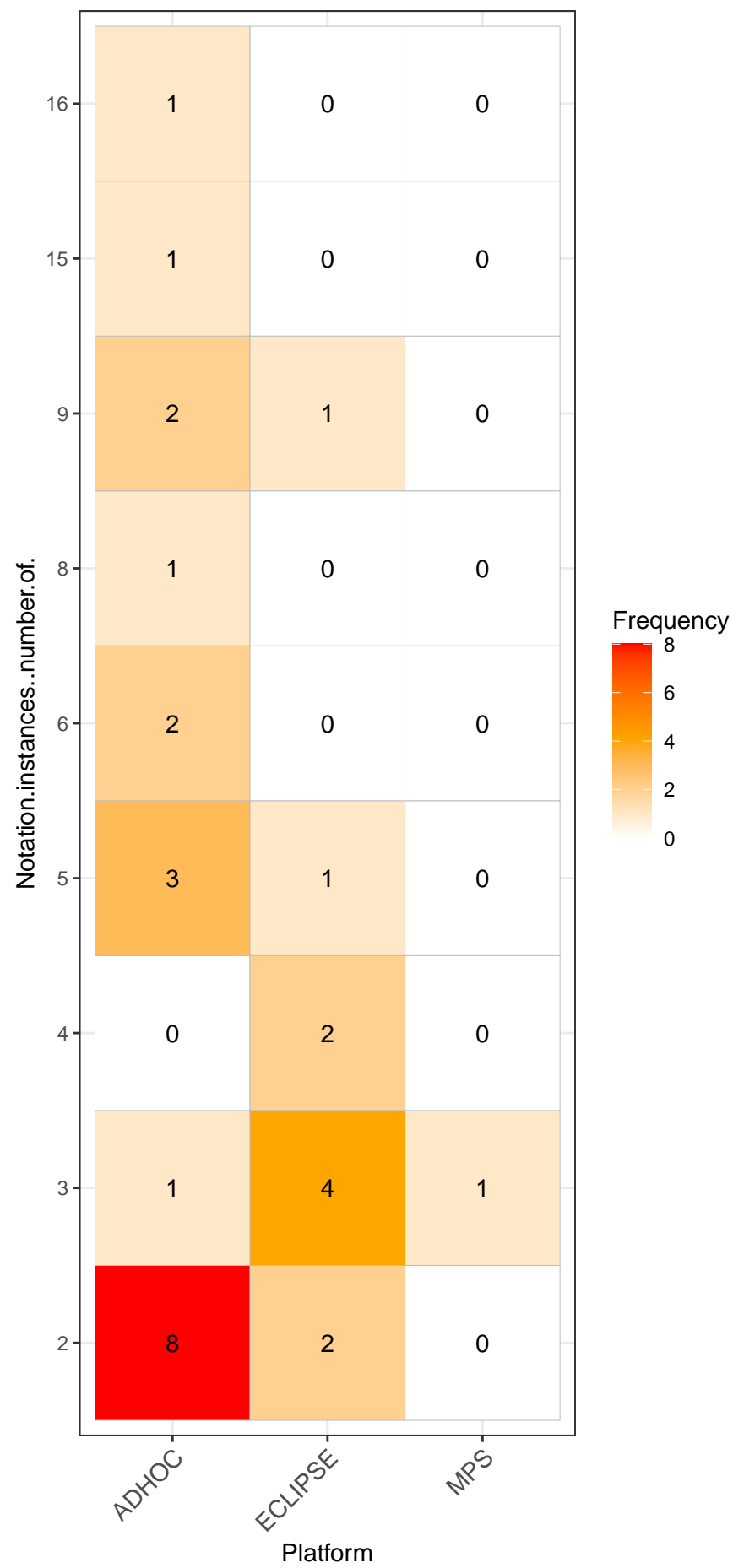
Notation.instances..number.of.____Flexibility...persistence (Chi sq w/ Yates p= 0.8653, p= 0.8653)



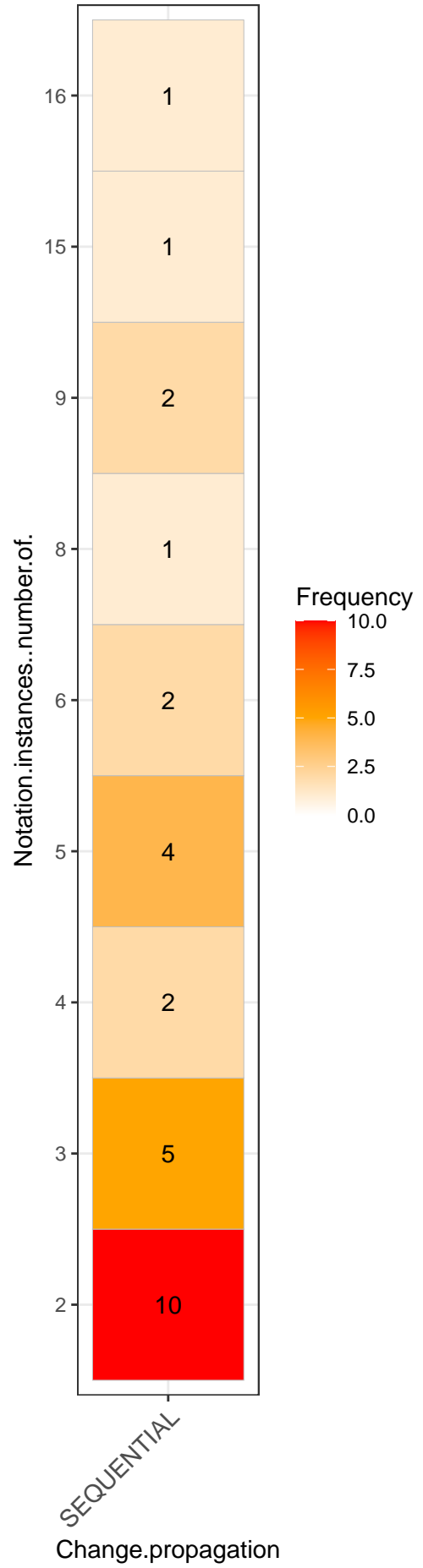
Notation.instances..number.of._____Mapping (Chi sq w/ Yates p= 0.7432, p= 0.7432)



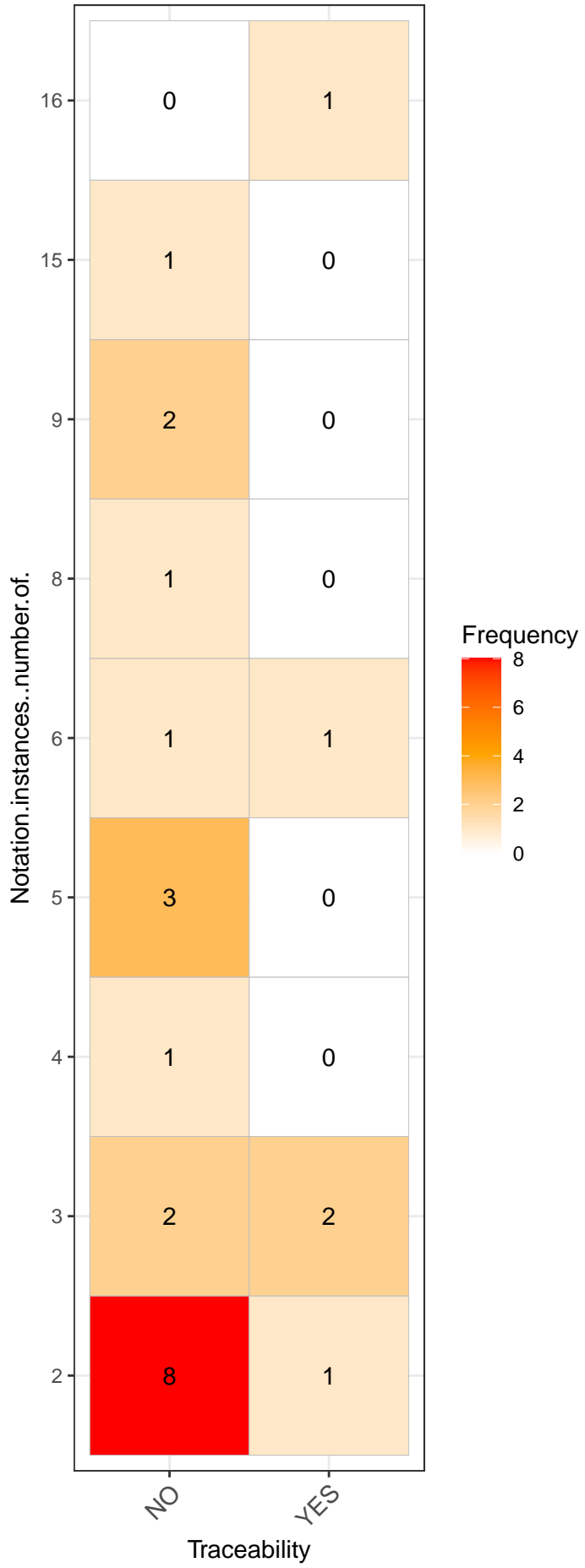
Notation.instances..number.of. Platform (Chi sq w/ Yates p= 0.462, p= 0.462)

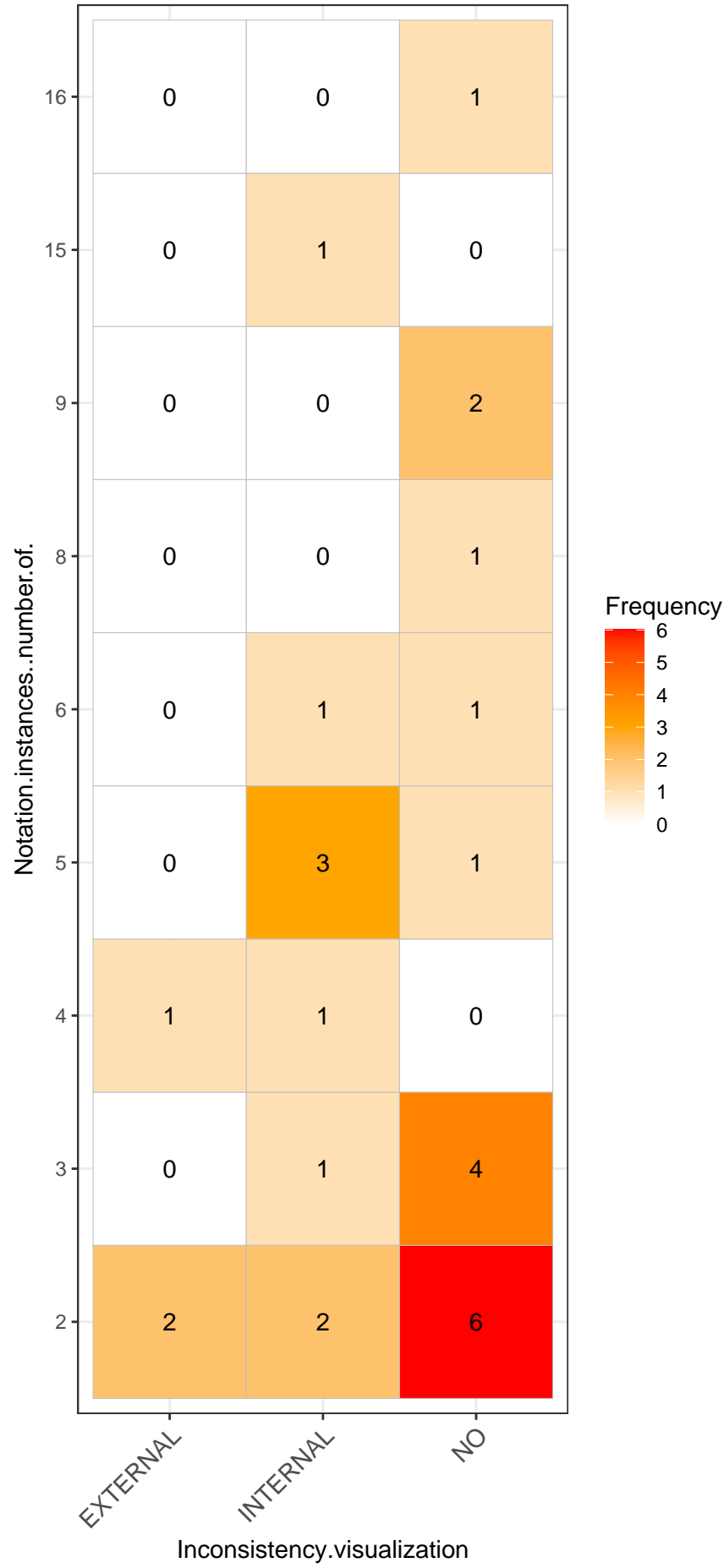


Notation.instances..number.of._____Change.propagation (Chi sq w/ Yates p= 1, p= 1)

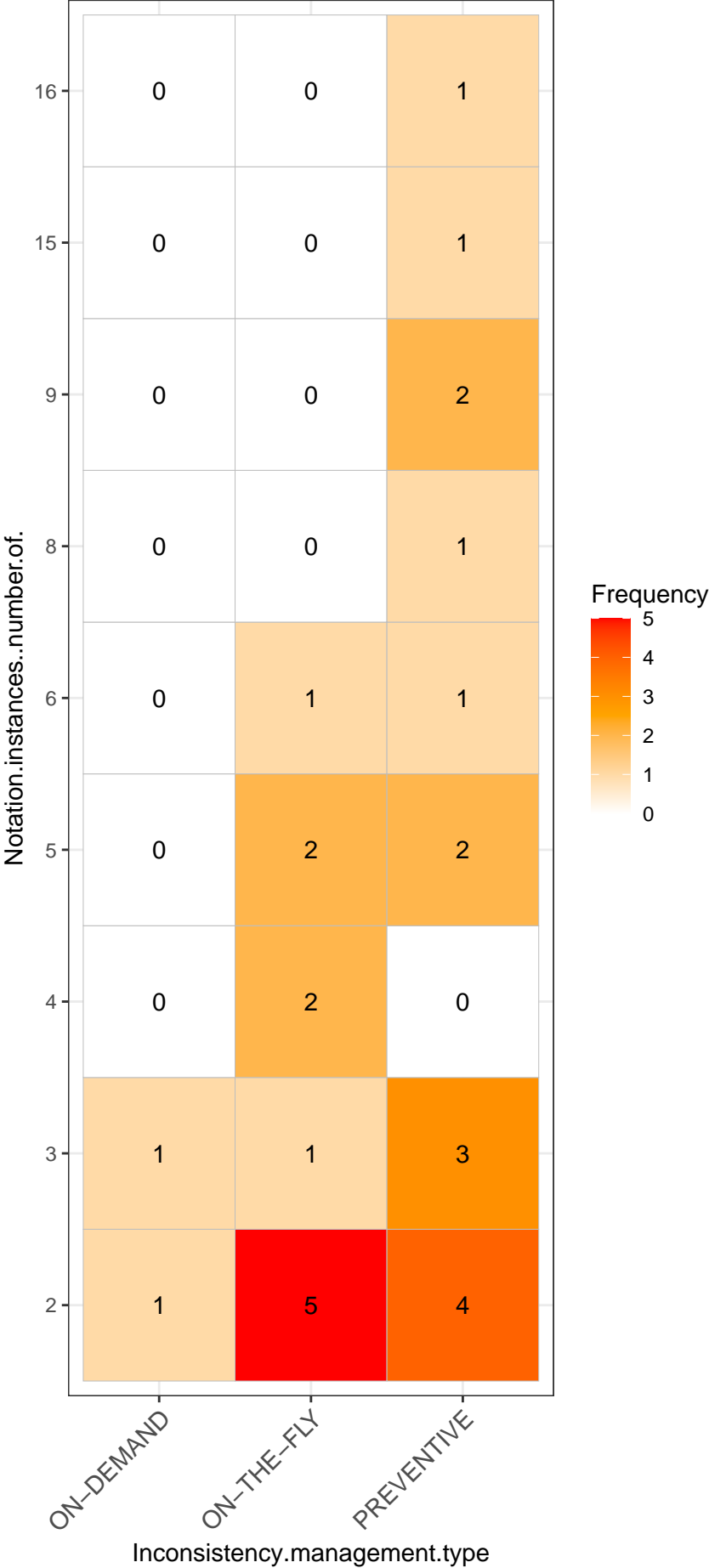


Notation.instances..number.of._____Traceability (Chi sq w/ Yates p= 0.3007, p= 0.3007)

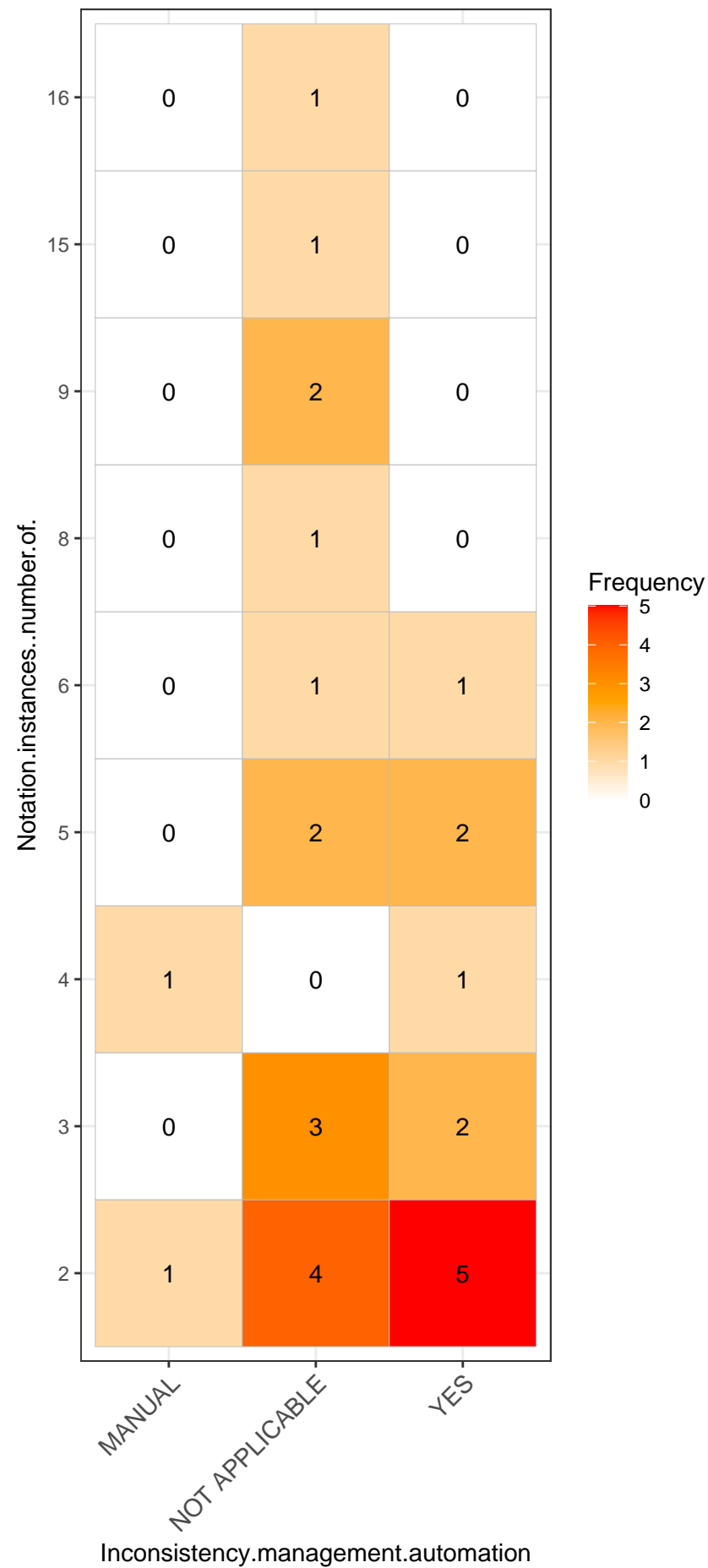




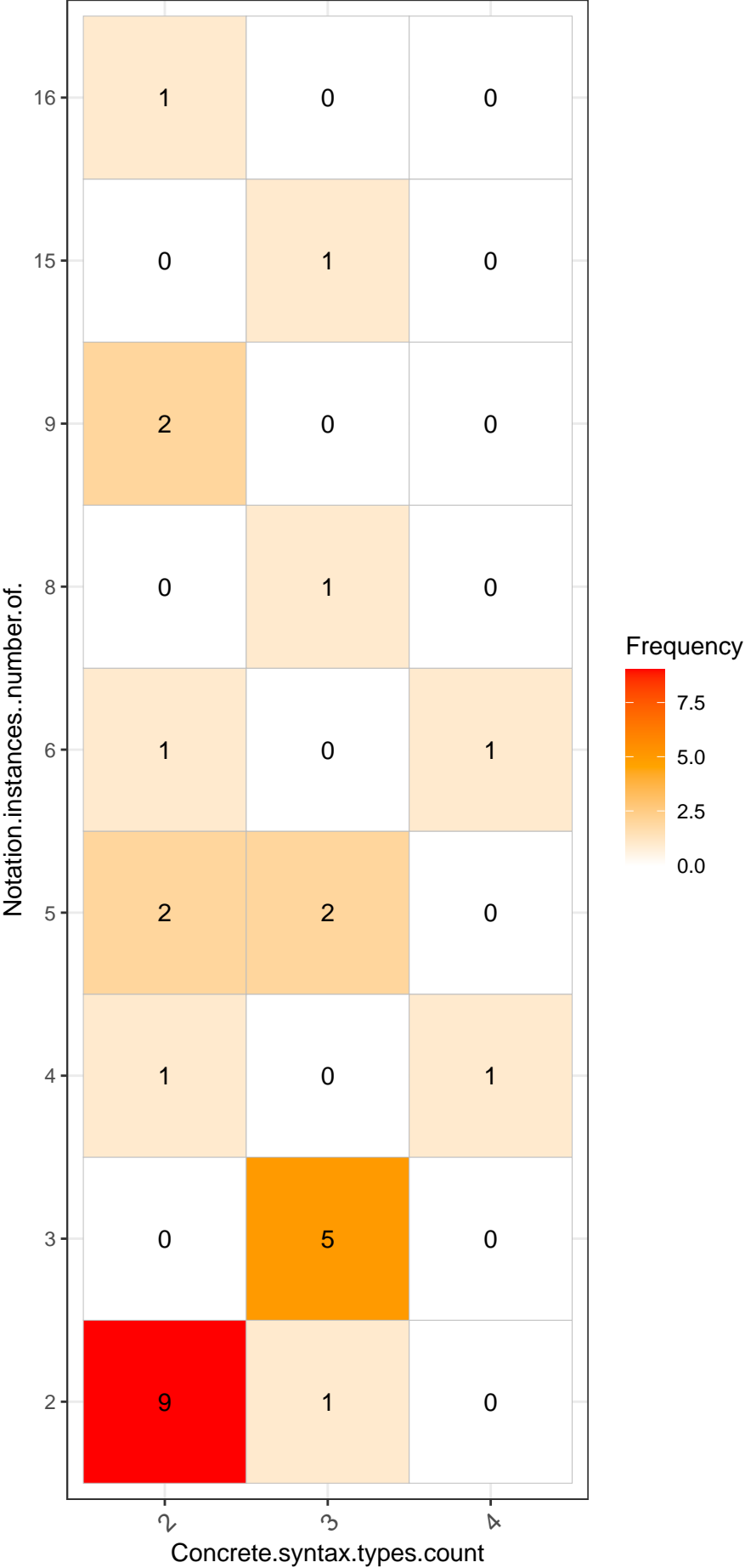
Notation.instances..number.of._____Inconsistency.management.type (Chi sq w/ Yates p= 0.8414, p= 0.8414)



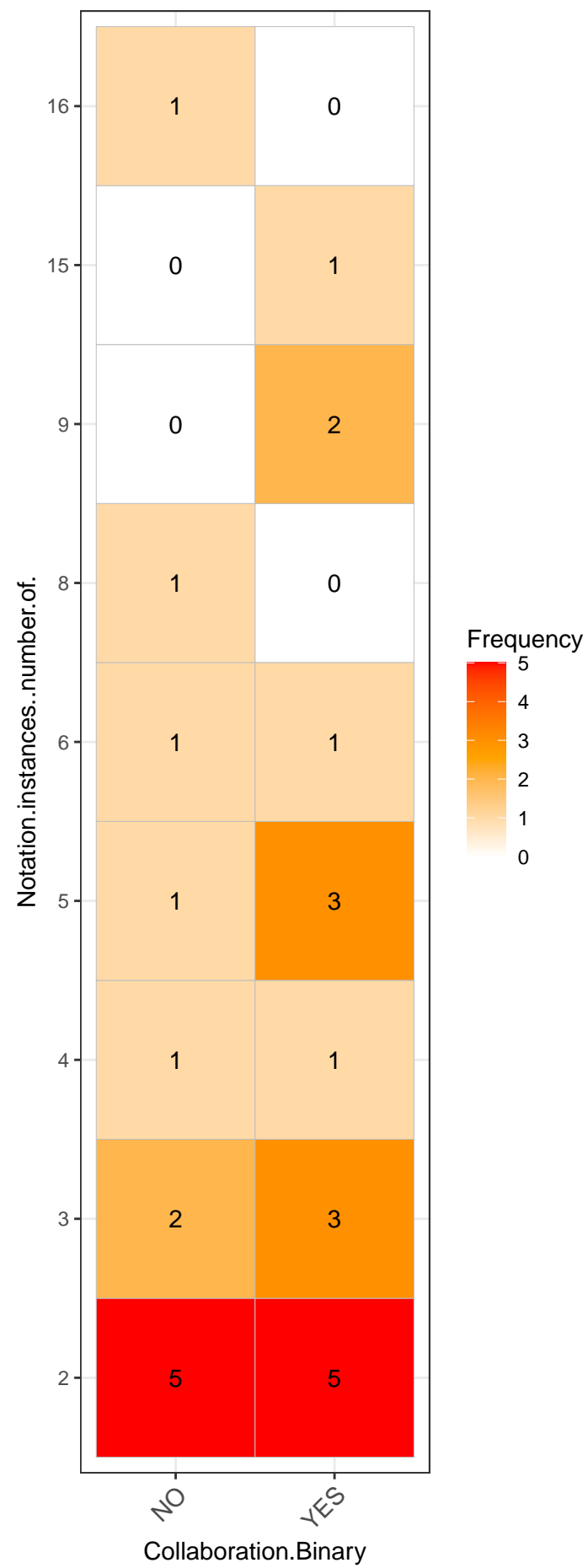
Notation.instances..number.of. Inconsistency.management.automation (Chi sq w/ Yates p= 0.7181, p= 0.7181)

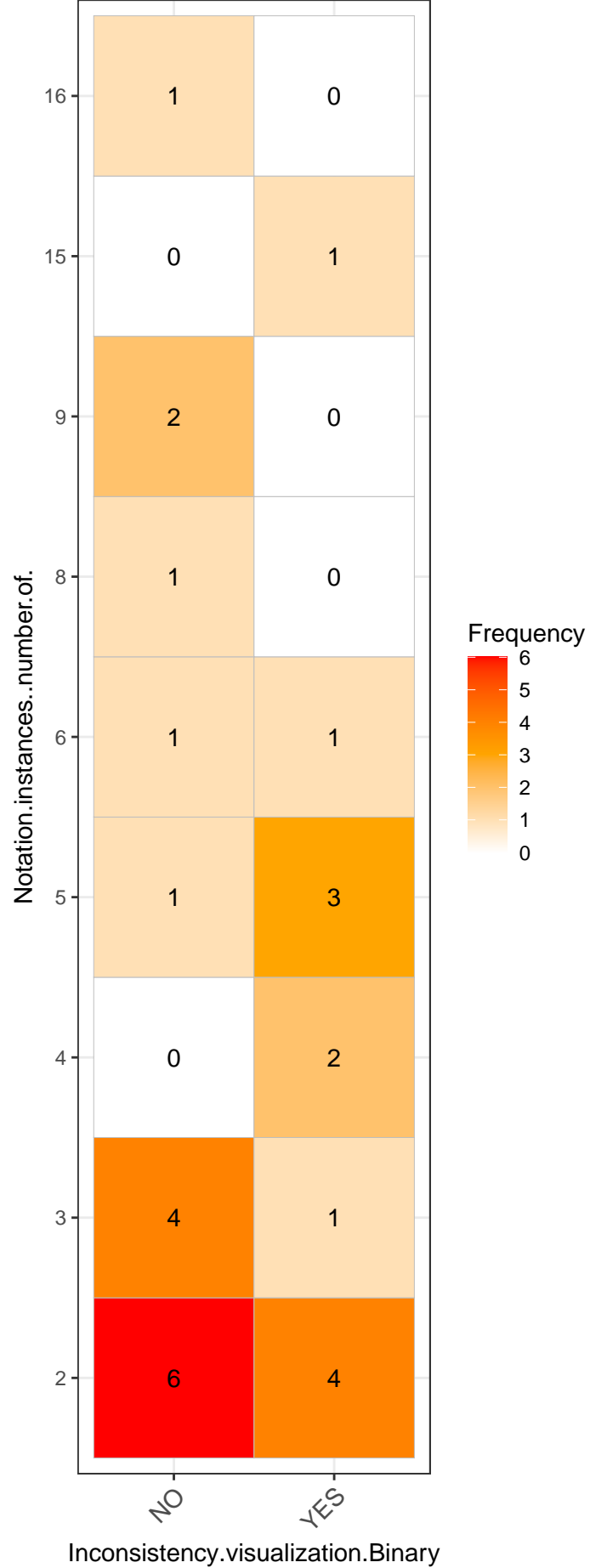


Notation.instances..number.of. Concrete.syntax.types.count (Chi sq w/ Yates p= 0.0113, p= 0.0113)

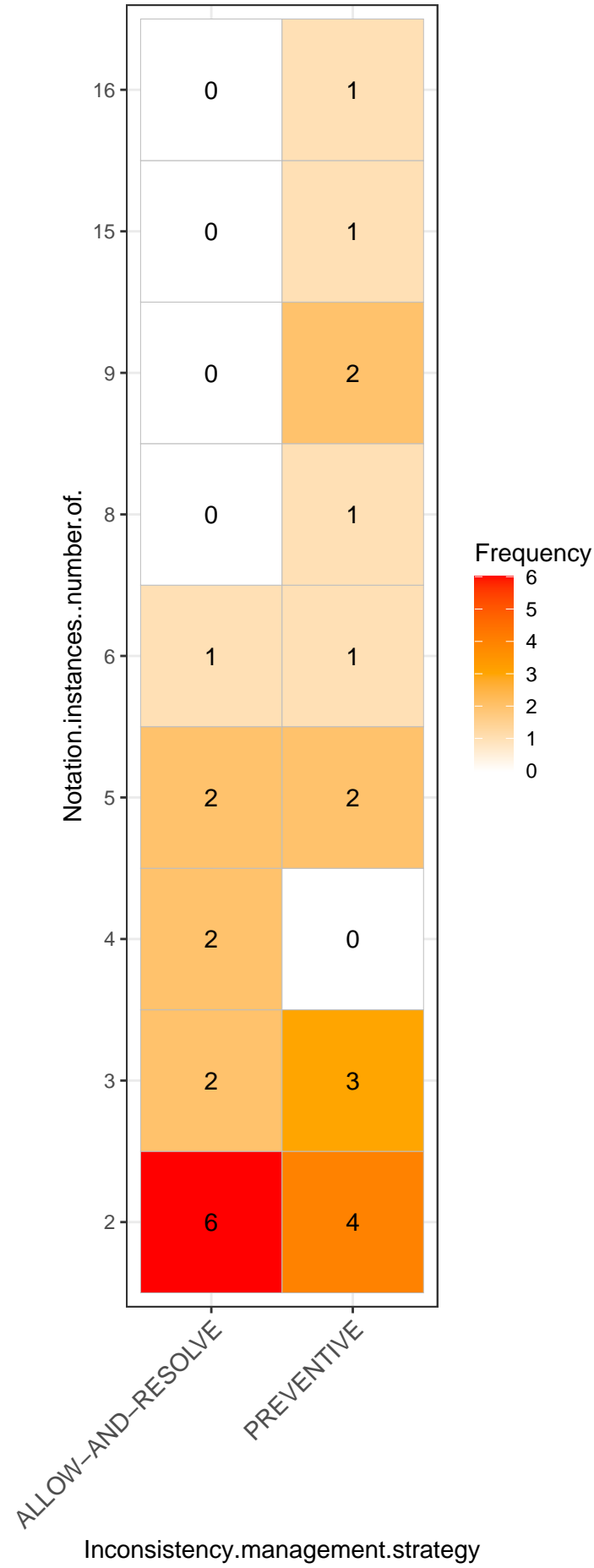


Notation.instances..number.of. Collaboration.Binary (Chi sq w/ Yates p= 0.6757, p= 0.6757)

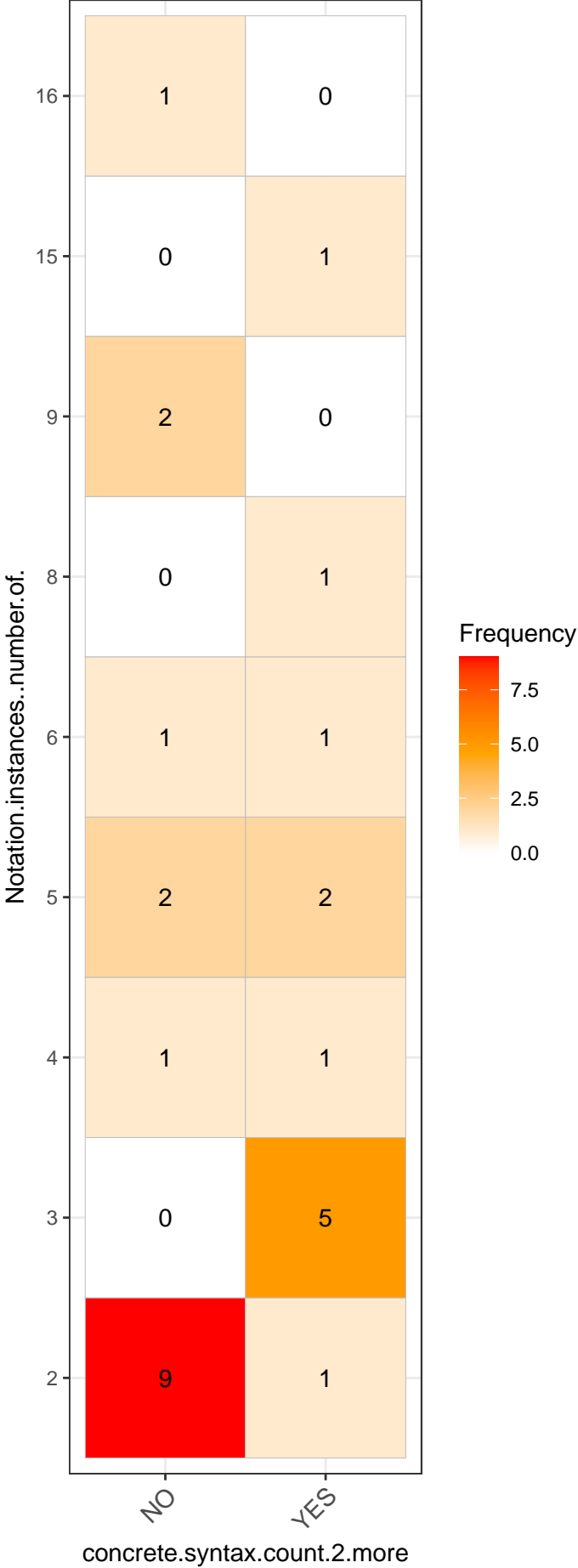




Notation.instances..number.of._____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.4842, p= 0.4842)



Notation.instances..number.of._____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.0402, p= 0.0402)



Embedded.languages_____Overlap (Chi sq w/ Yates p= 0.4259, p= 0.0366)

Embedded.languages

YES

1

0

NO

4

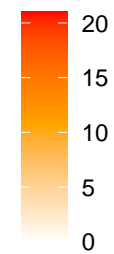
21

COMPLETE

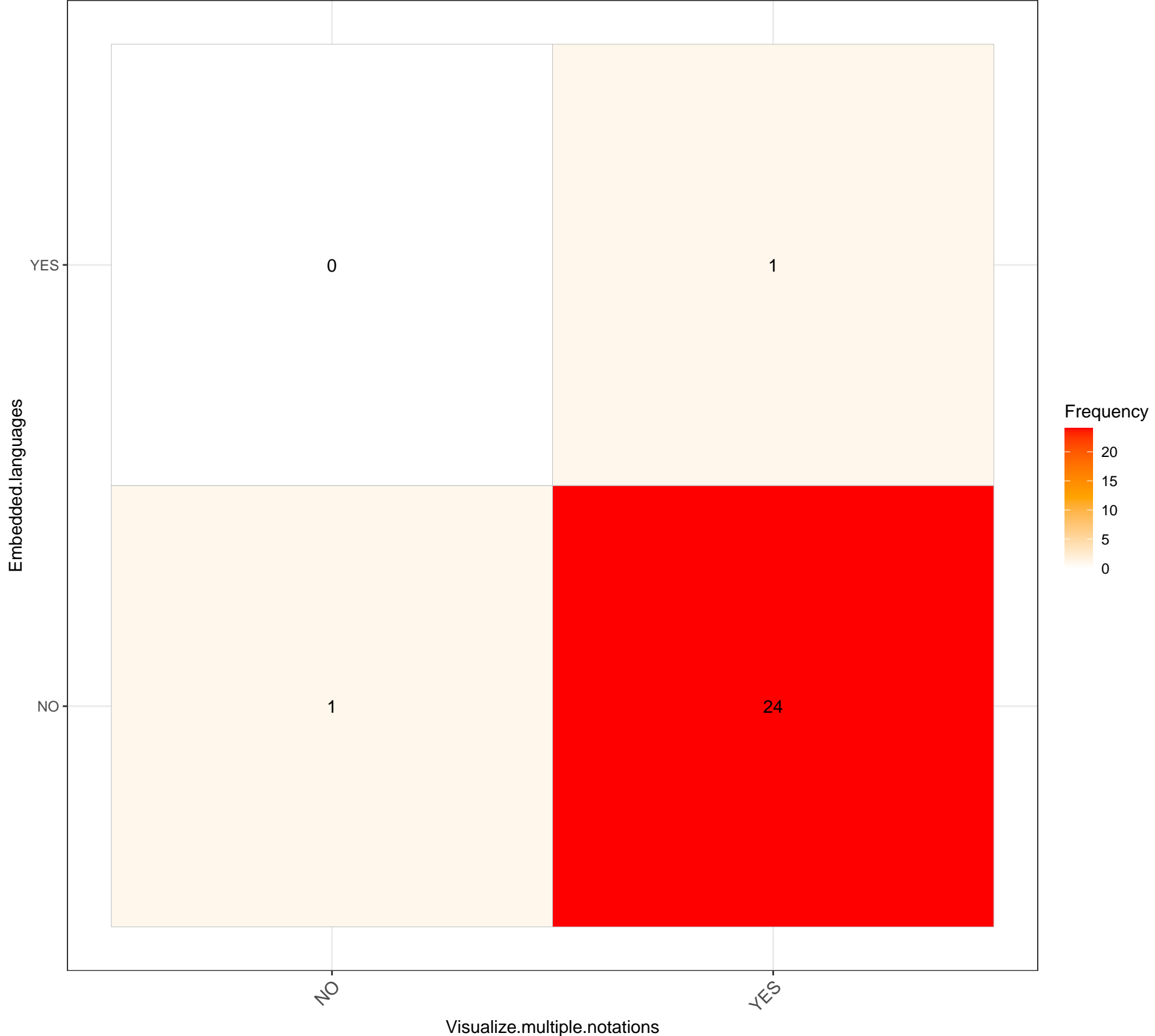
PARTIAL

Overlap

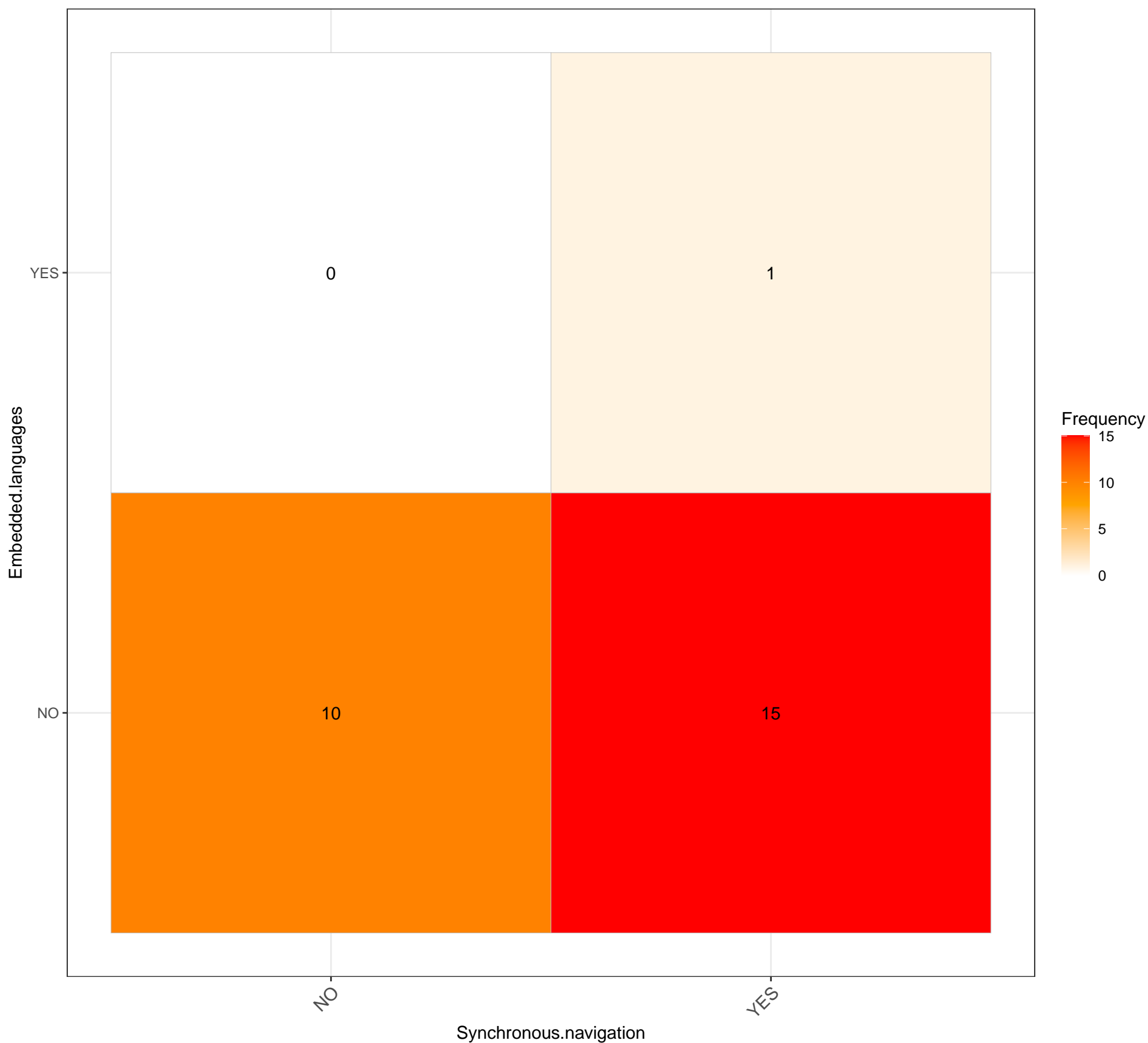
Frequency



Embedded.languages____Visualize.multiple.notations (Chi sq w/ Yates p= 1, p= 0.8384)



Embedded.languages____Synchronous.navigation (Chi sq w/ Yates p= 1, p= 0.4201)



Embedded.languages____Navigation.among.notations (Chi sq w/ Yates p= 1, p= 0.5765)

Embedded.languages

YES

0

1

NO

6

19

COMPLEX

IMMEDIATE

Navigation.among.notations

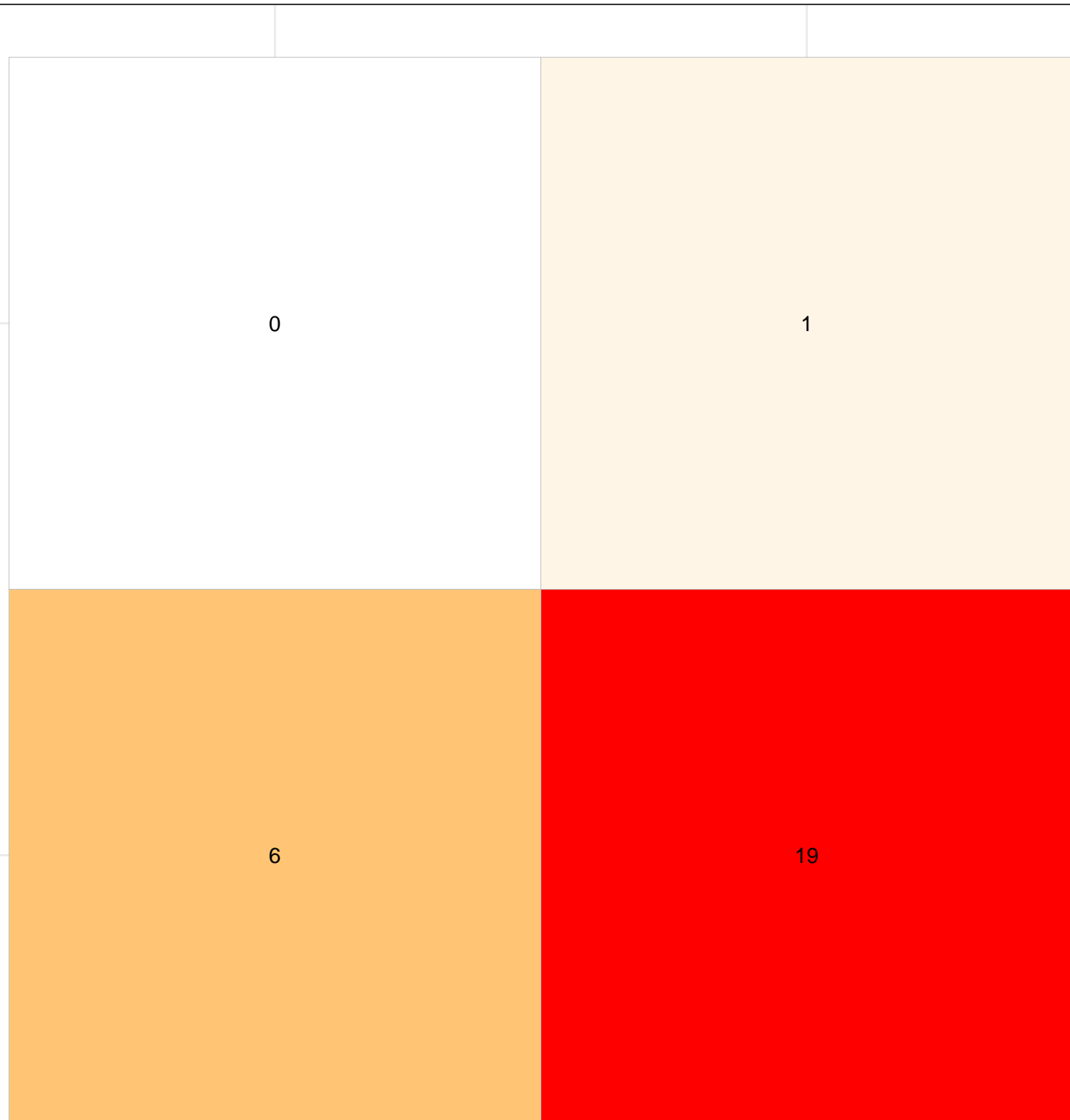
Frequency

15

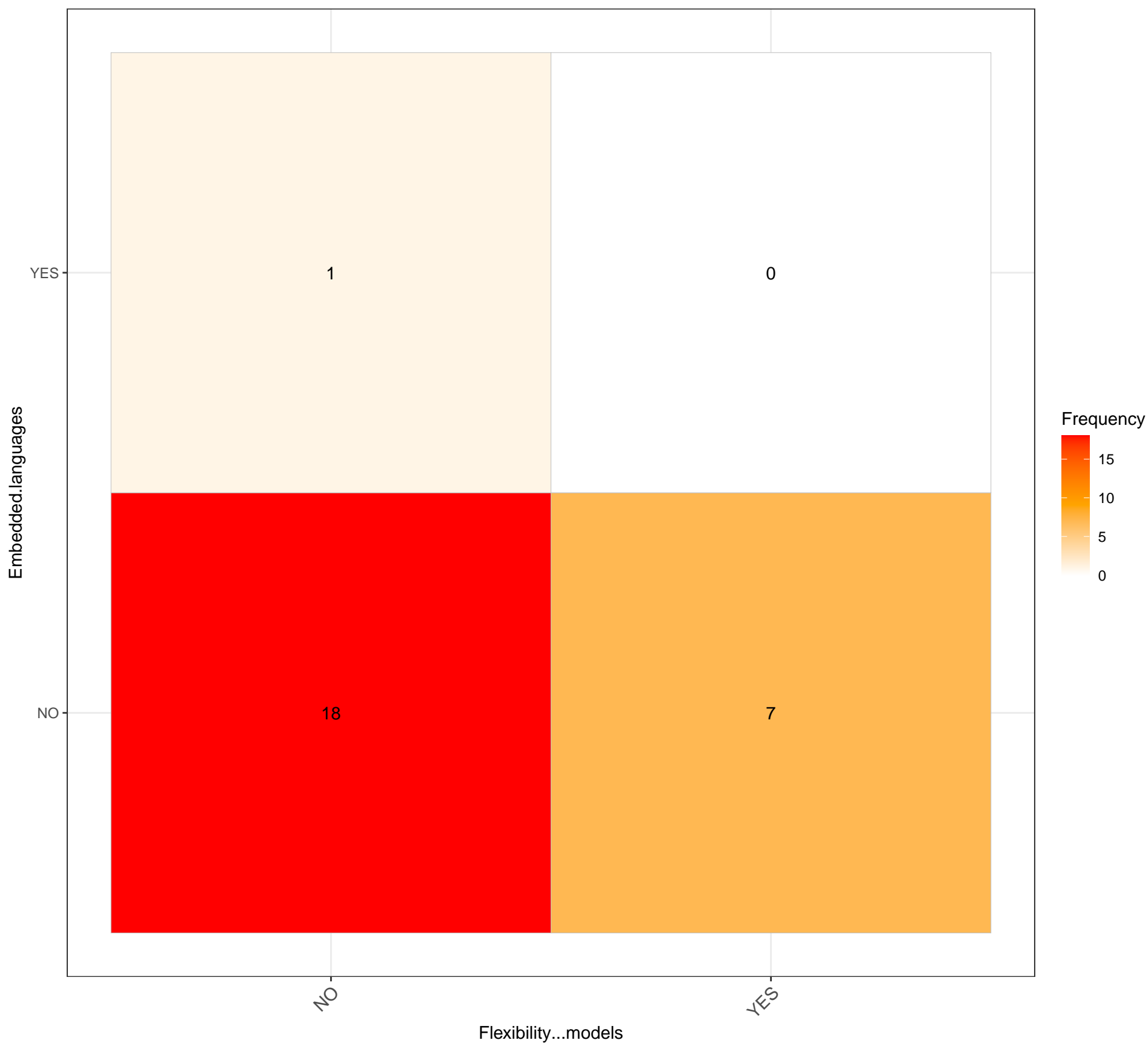
10

5

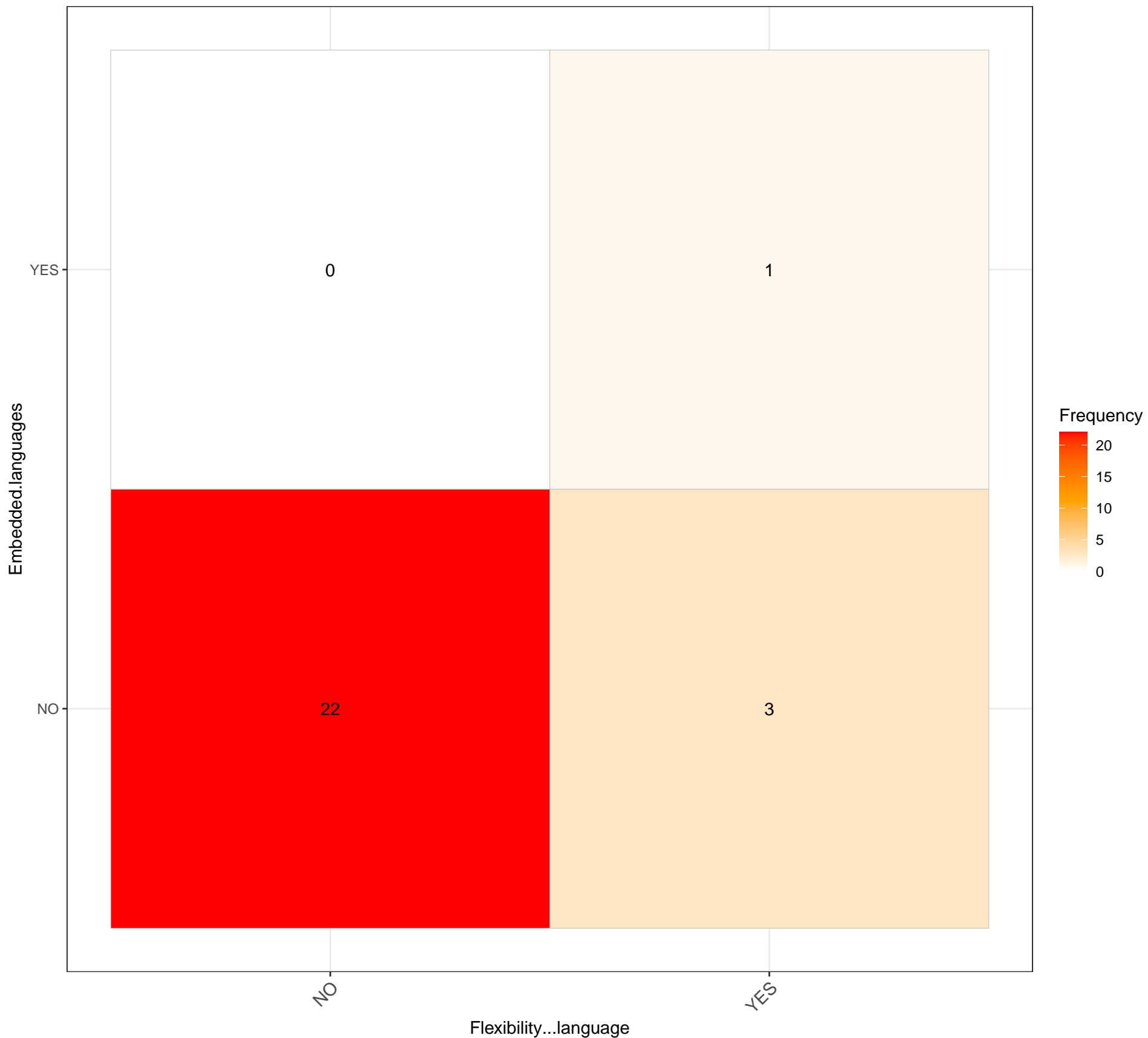
0



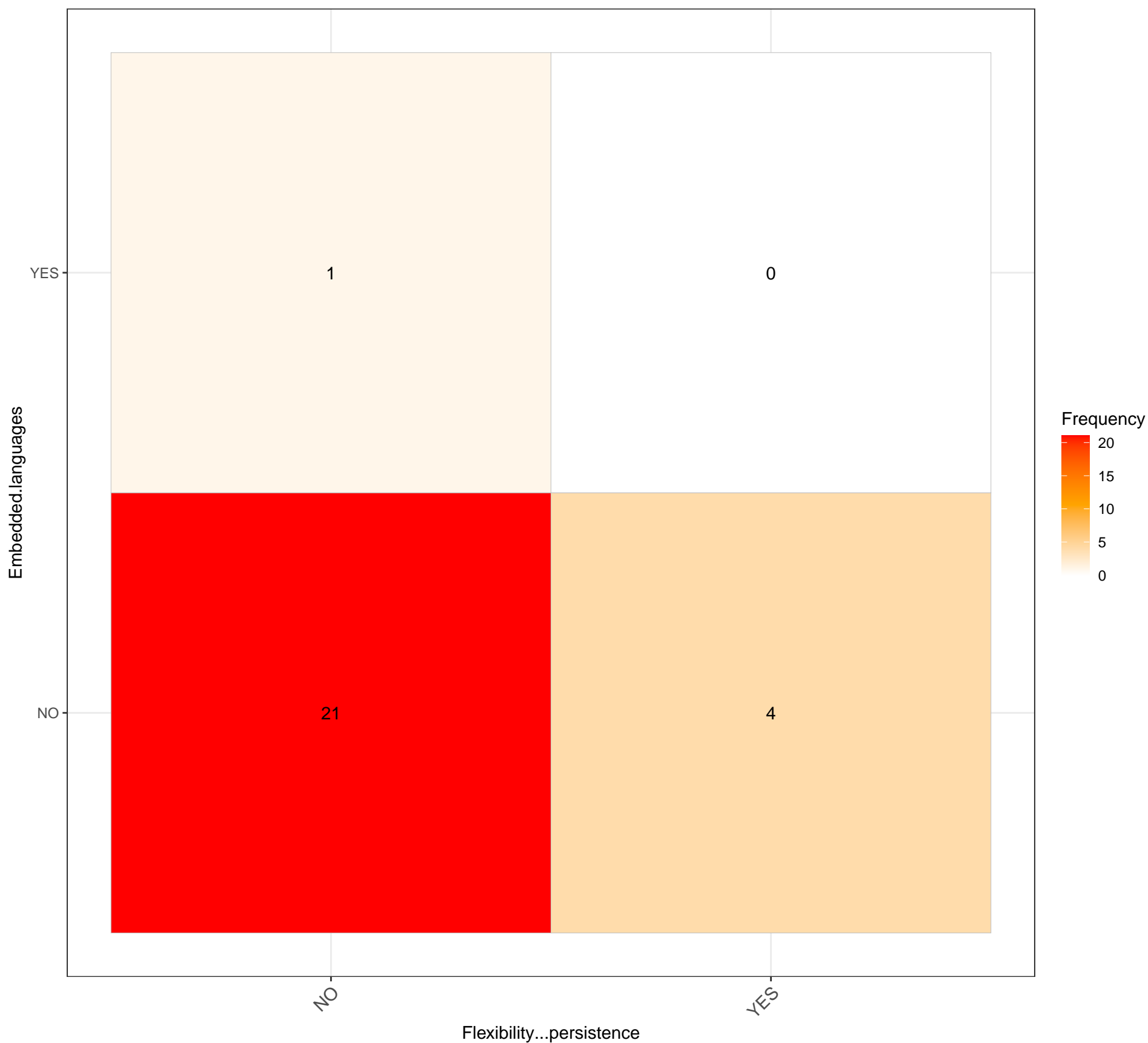
Embedded.languages____Flexibility...models (Chi sq w/ Yates p= 1, p= 0.5359)



Embedded.languages_____Flexibility...language (Chi sq w/ Yates p= 0.3279, p= 0.0168)



Embedded.languages____Flexibility...persistence (Chi sq w/ Yates p= 1, p= 0.6637)



Embedded.languages_____Mapping (Chi sq w/ Yates $p=0.3279$, $p=0.0168$)

Embedded.languages

YES

0

1

NO

22

3

PARSER-BASE

PROJECTIONAL

Mapping

Frequency

20

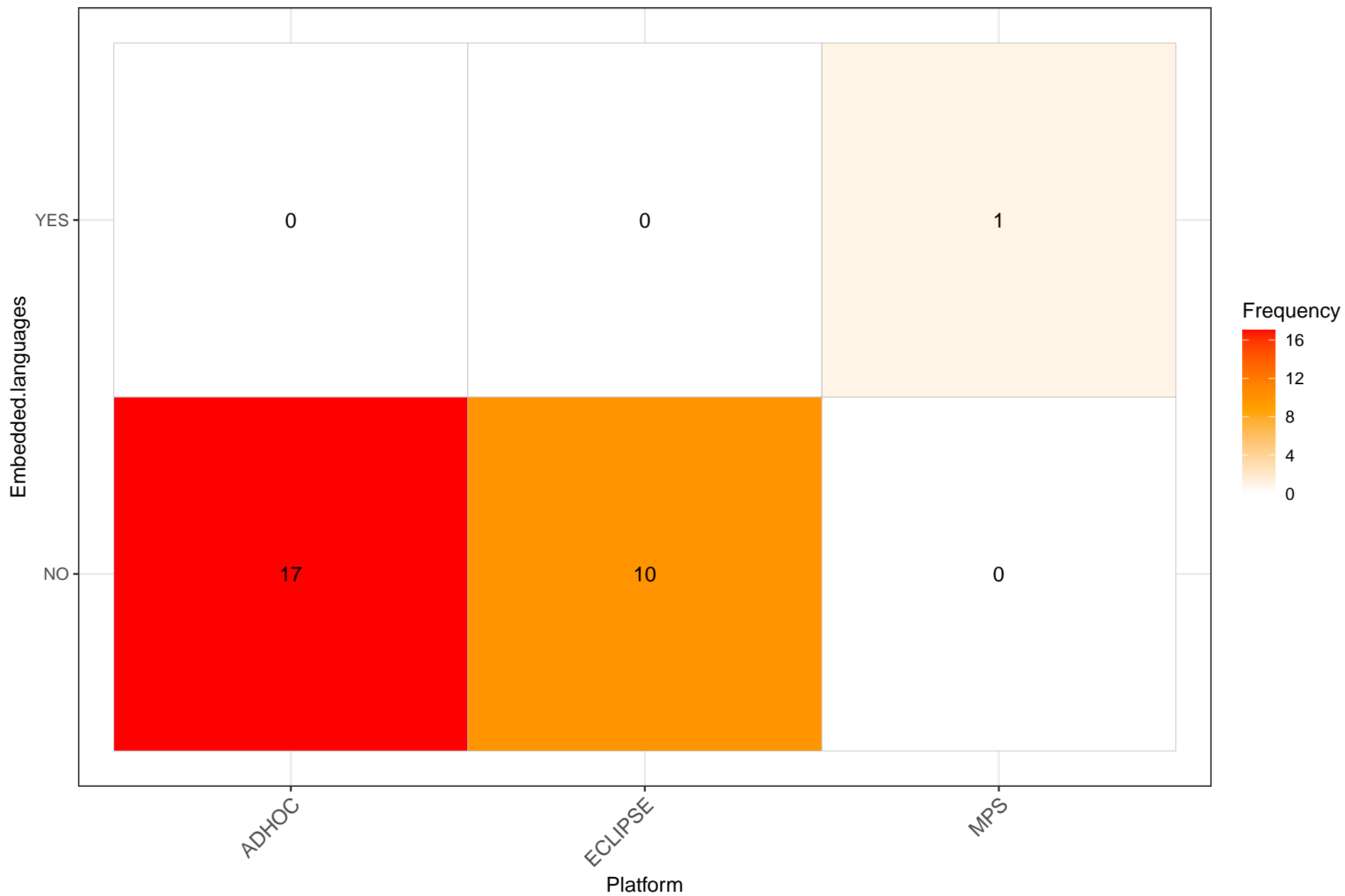
15

10

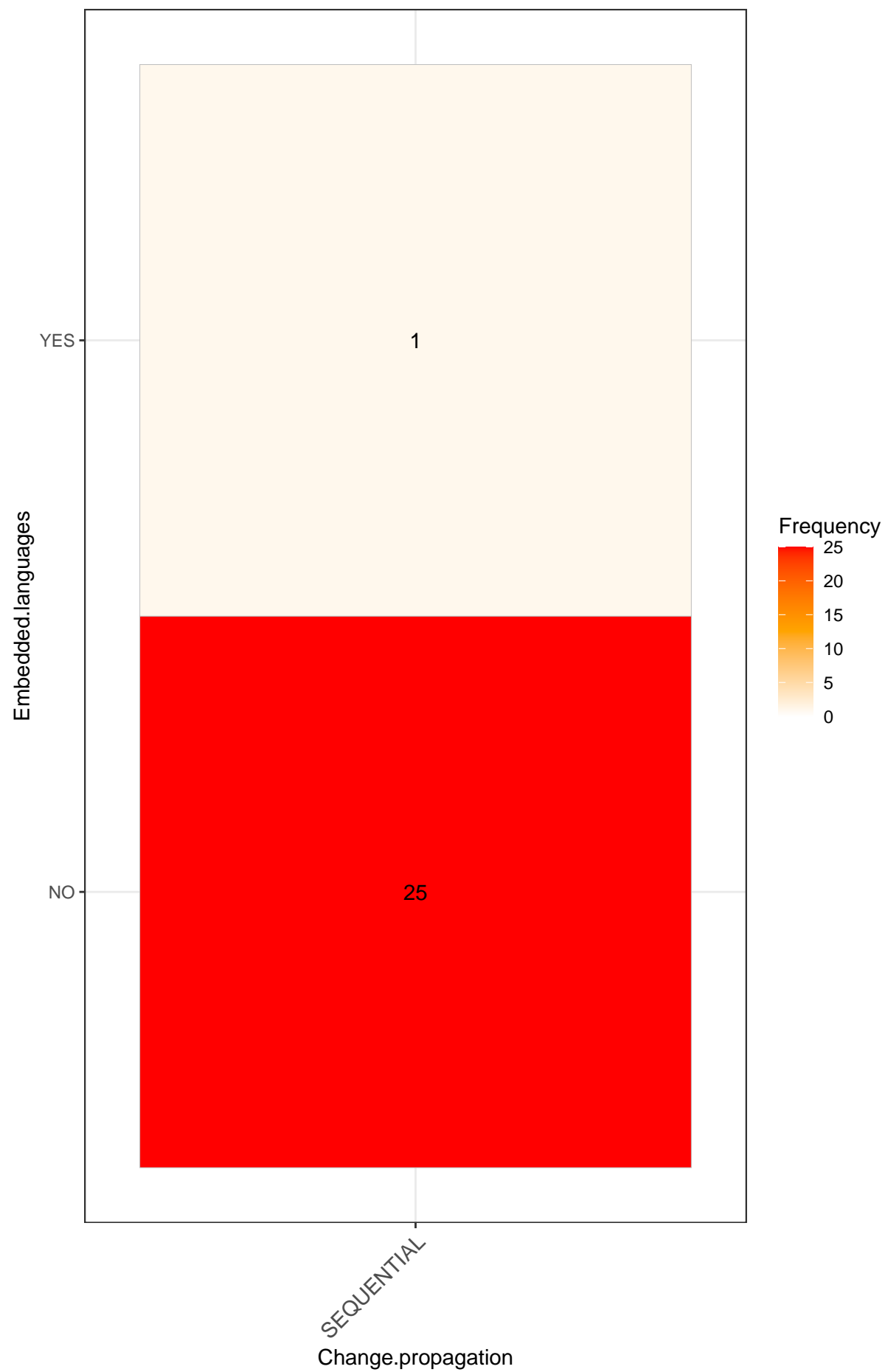
5

0

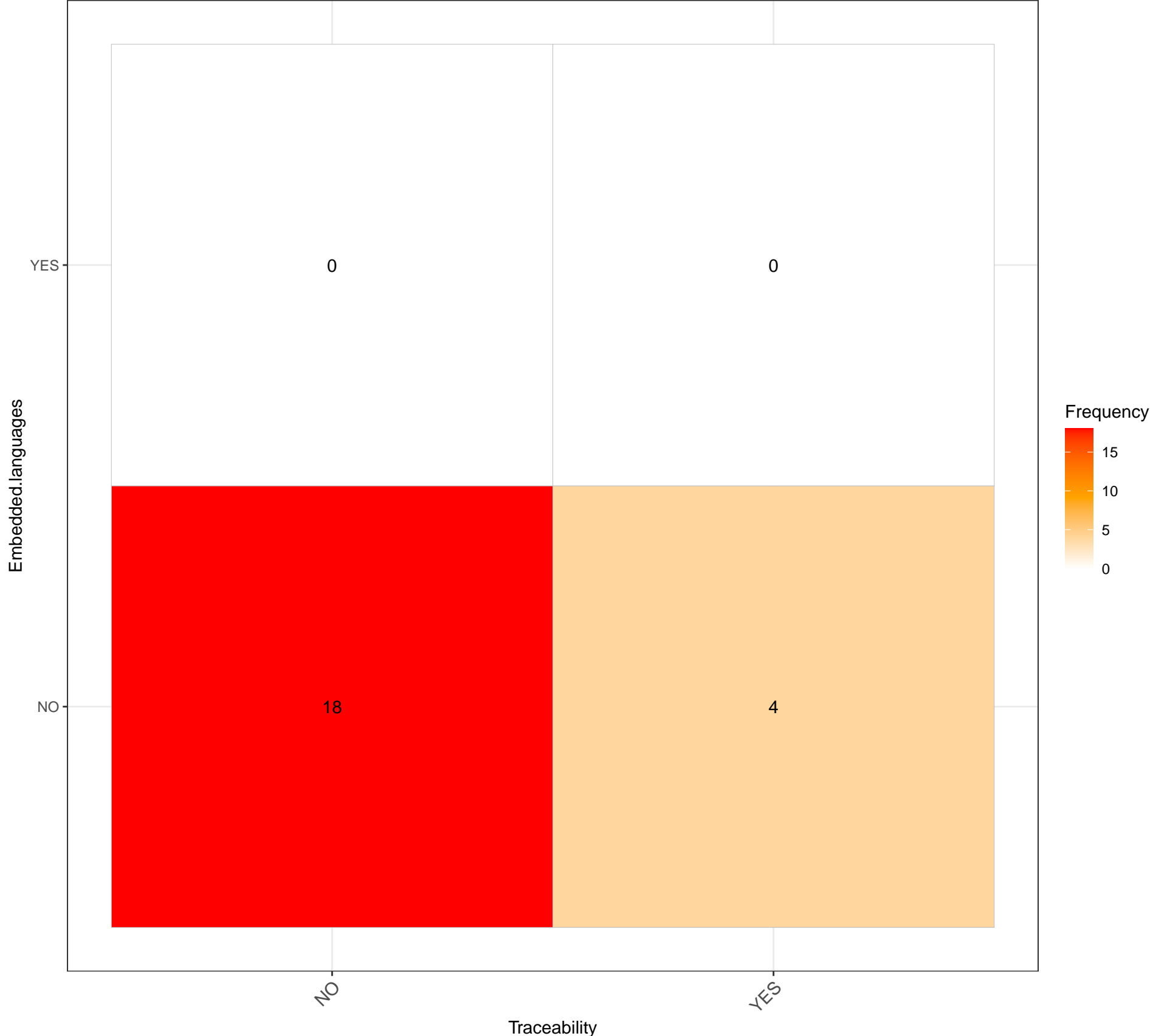
Embedded.languages____Platform (Chi sq w/ Yates p= 0, p= 0)



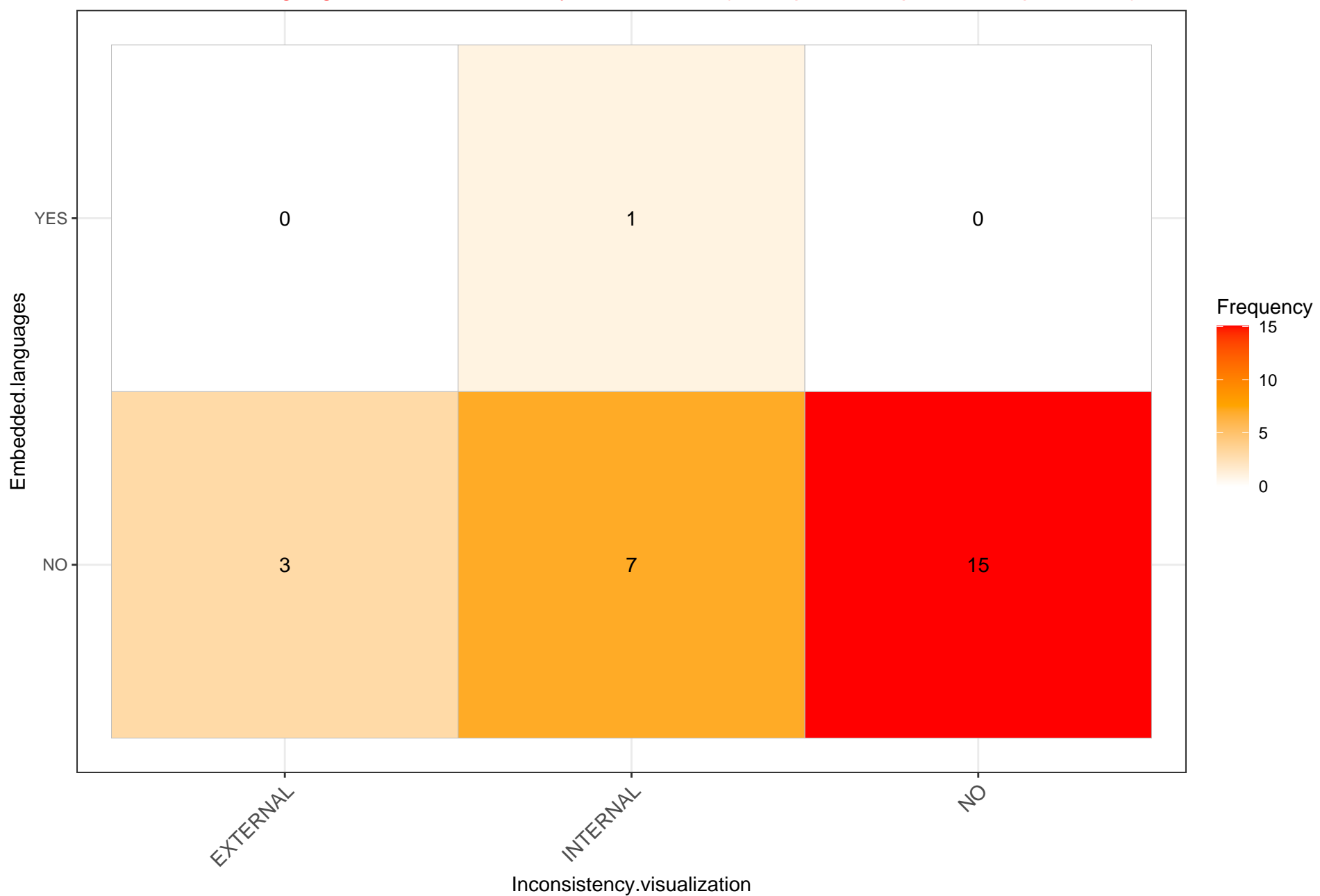
Embedded.languages_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



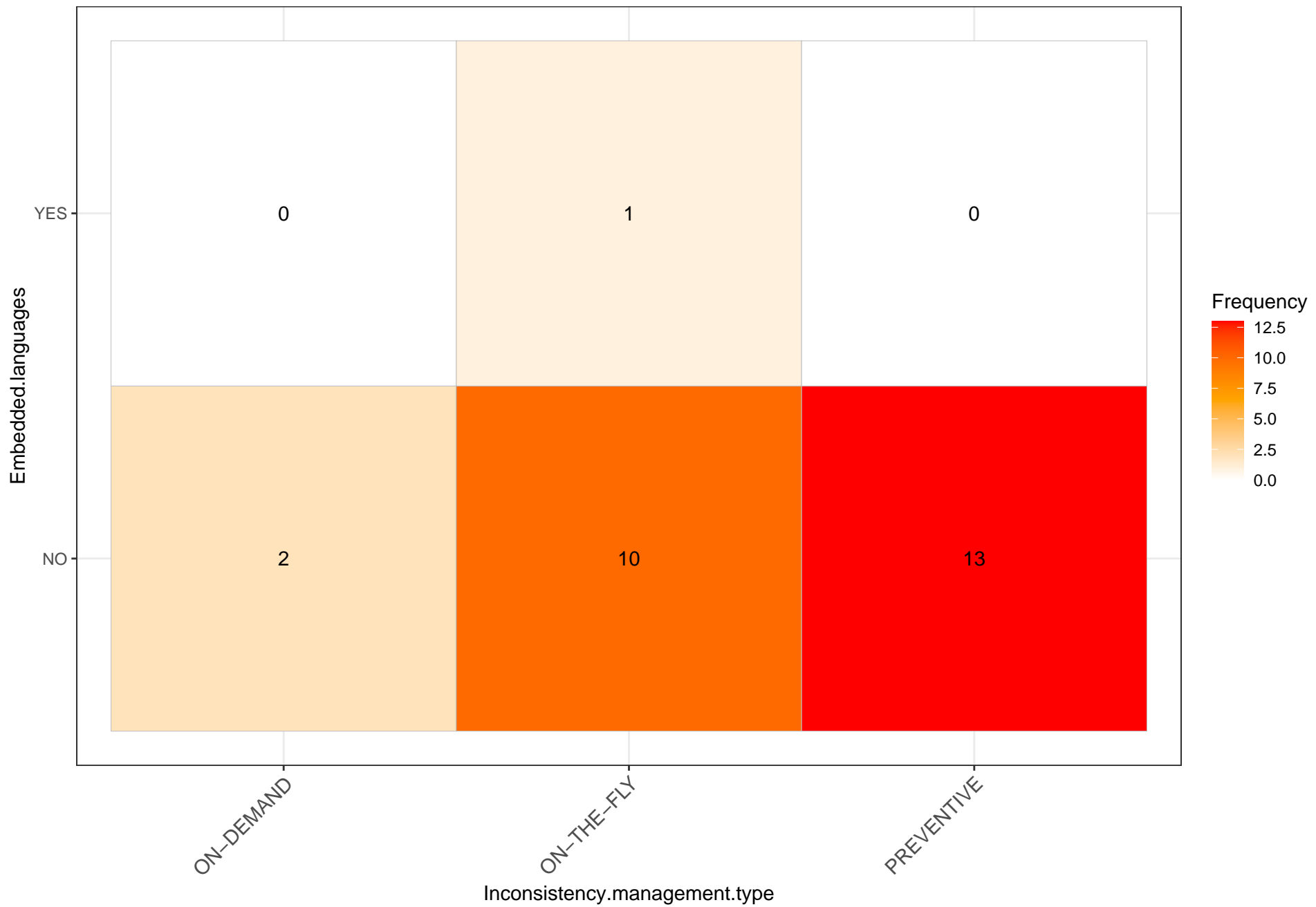
Embedded.languages_____Traceability (Chi sq w/ Yates p= 0.0028, p= 0.0028)



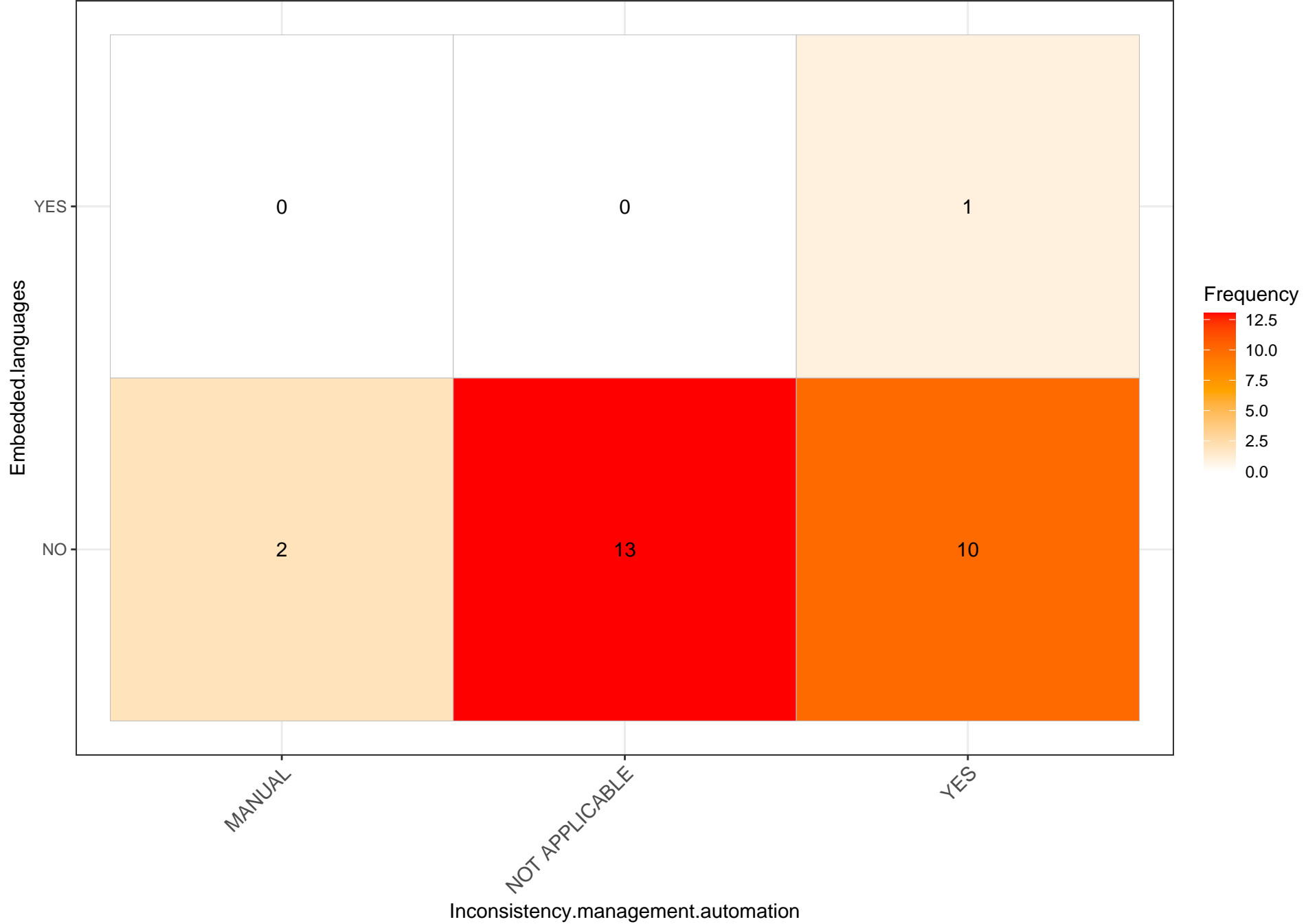
Embedded.languages_____Inconsistency.visualization (Chi sq w/ Yates p= 0.3104, p= 0.3104)



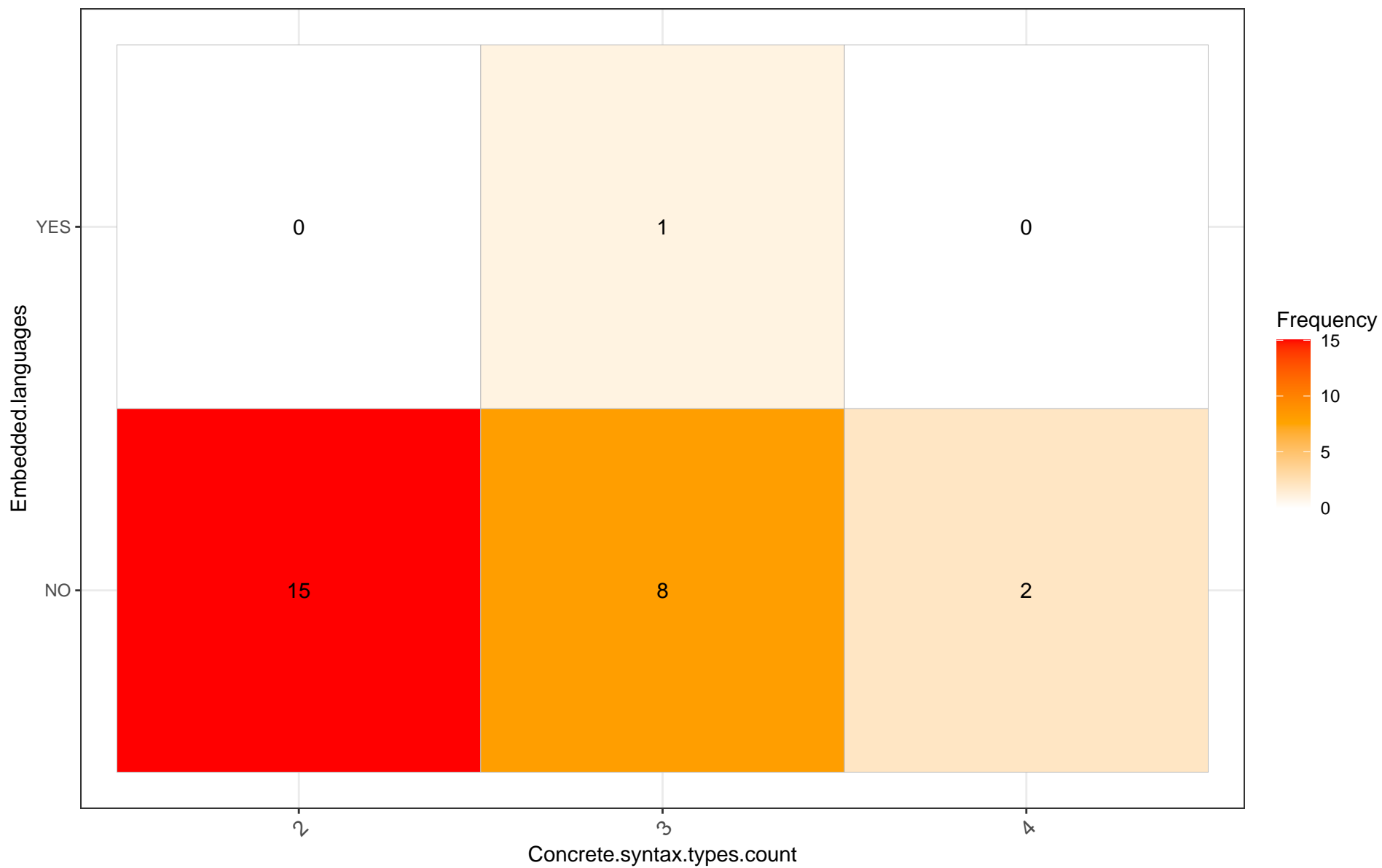
Embedded.languages_____Inconsistency.management.type (Chi sq w/ Yates p= 0.4921, p= 0.4921)



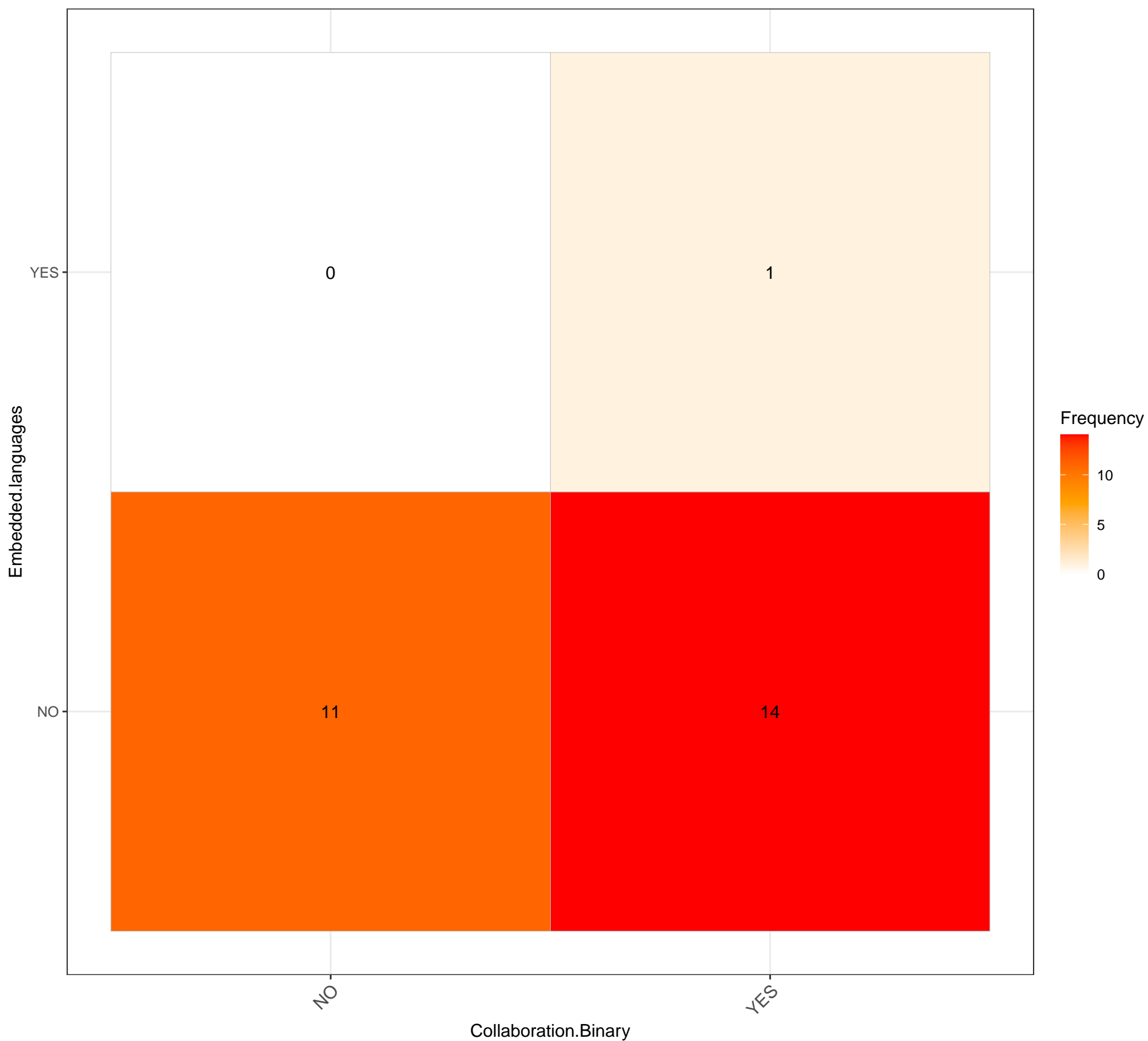
Embedded.languages____Inconsistency.management.automation (Chi sq w/ Yates p= 0.4921, p= 0.4921)



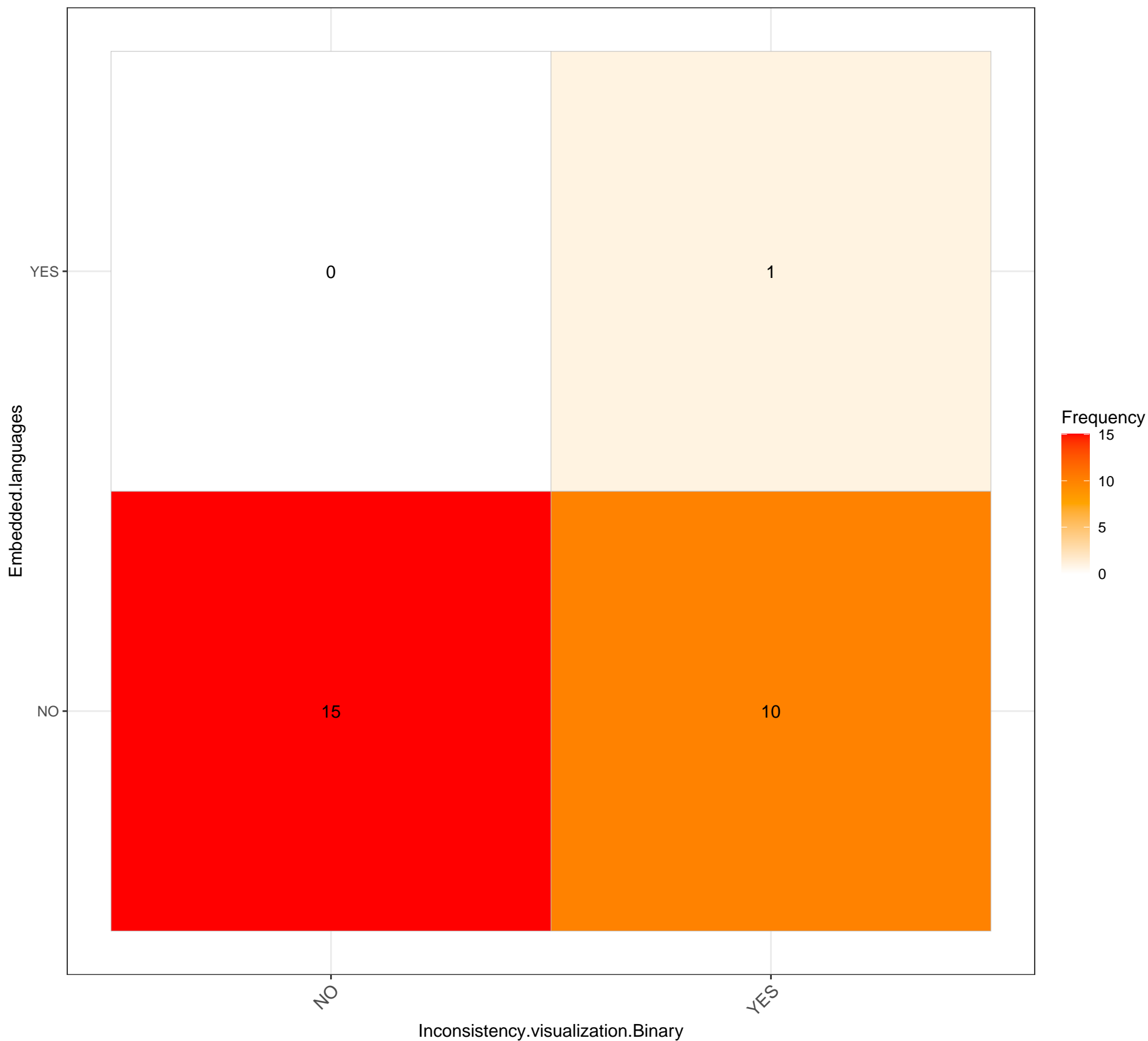
Embedded.languages_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.3745, p= 0.3745)



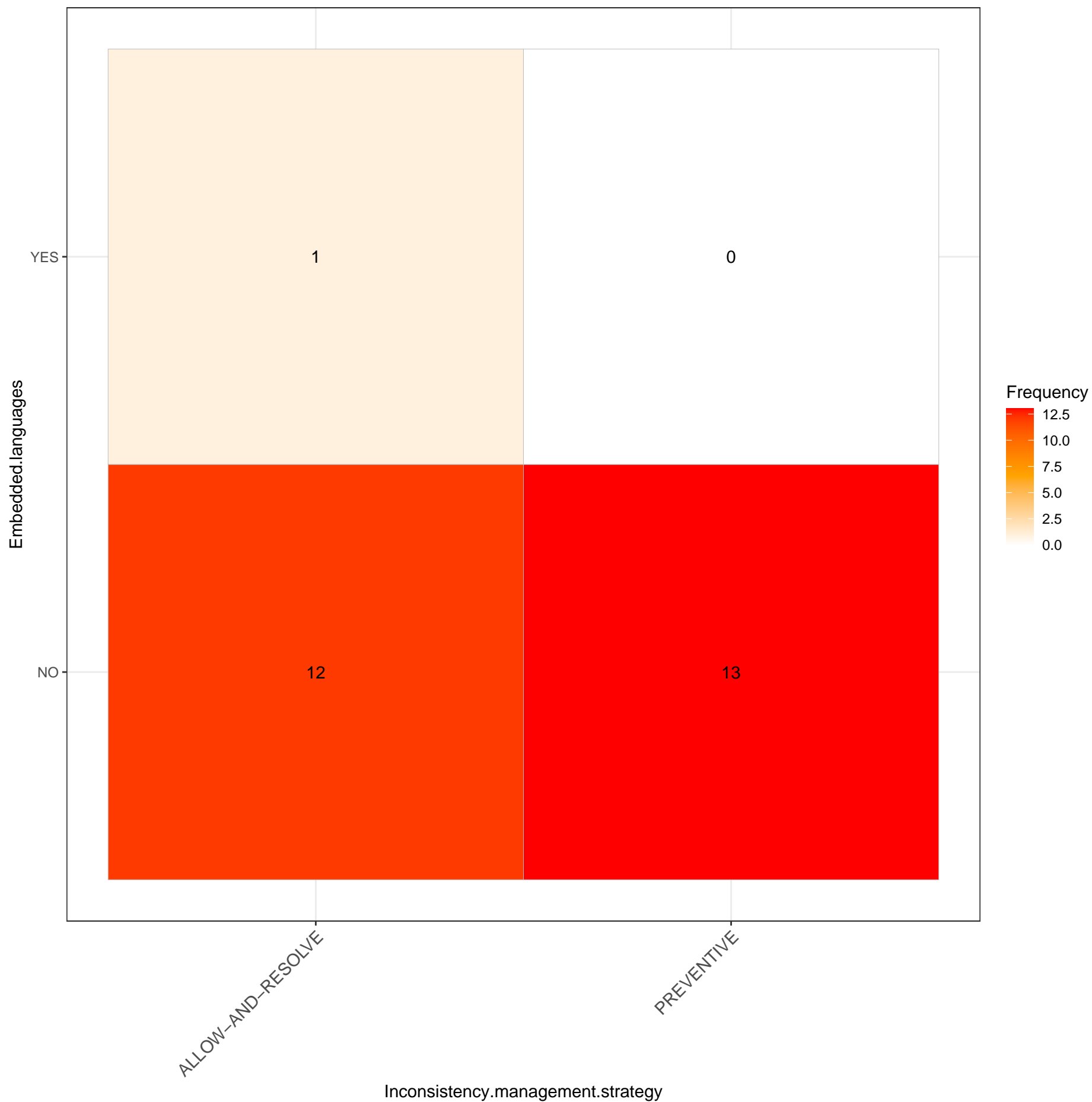
Embedded.languages____Collaboration.Binary (Chi sq w/ Yates p= 1, p= 0.3825)



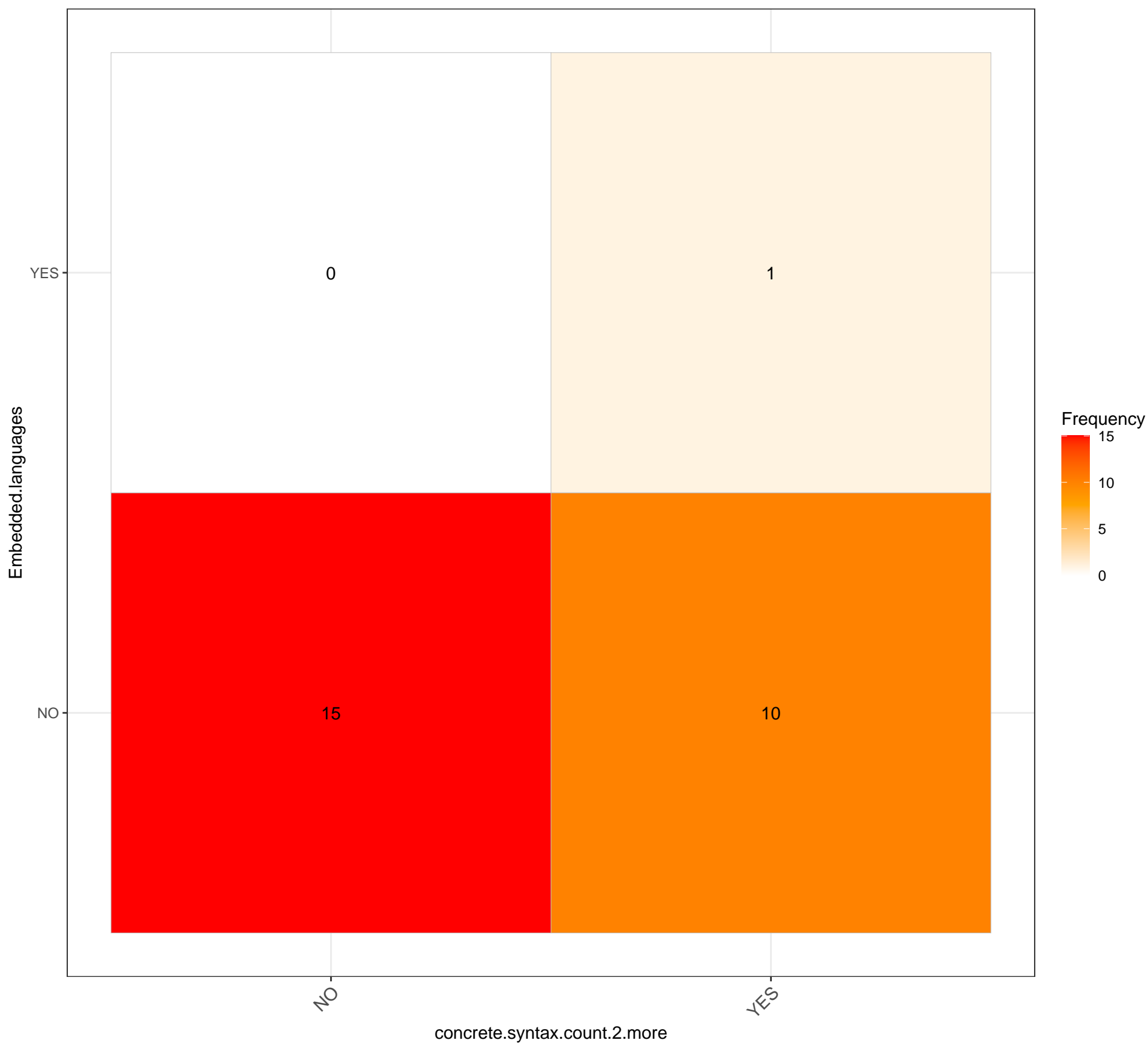
Embedded.languages_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.8738, p= 0.2337)



Embedded.languages_____Inconsistency.management.strategy (Chi sq w/ Yates p= 1, p= 0.3078)



Embedded.languages____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.8738, p= 0.2337)



Overlap_____Visualize.multiple.notations (Chi sq w/ Yates p= 1, p= 0.6188)

Overlap

PARTIAL

1

20

COMPLETE

0

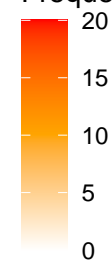
5

NO

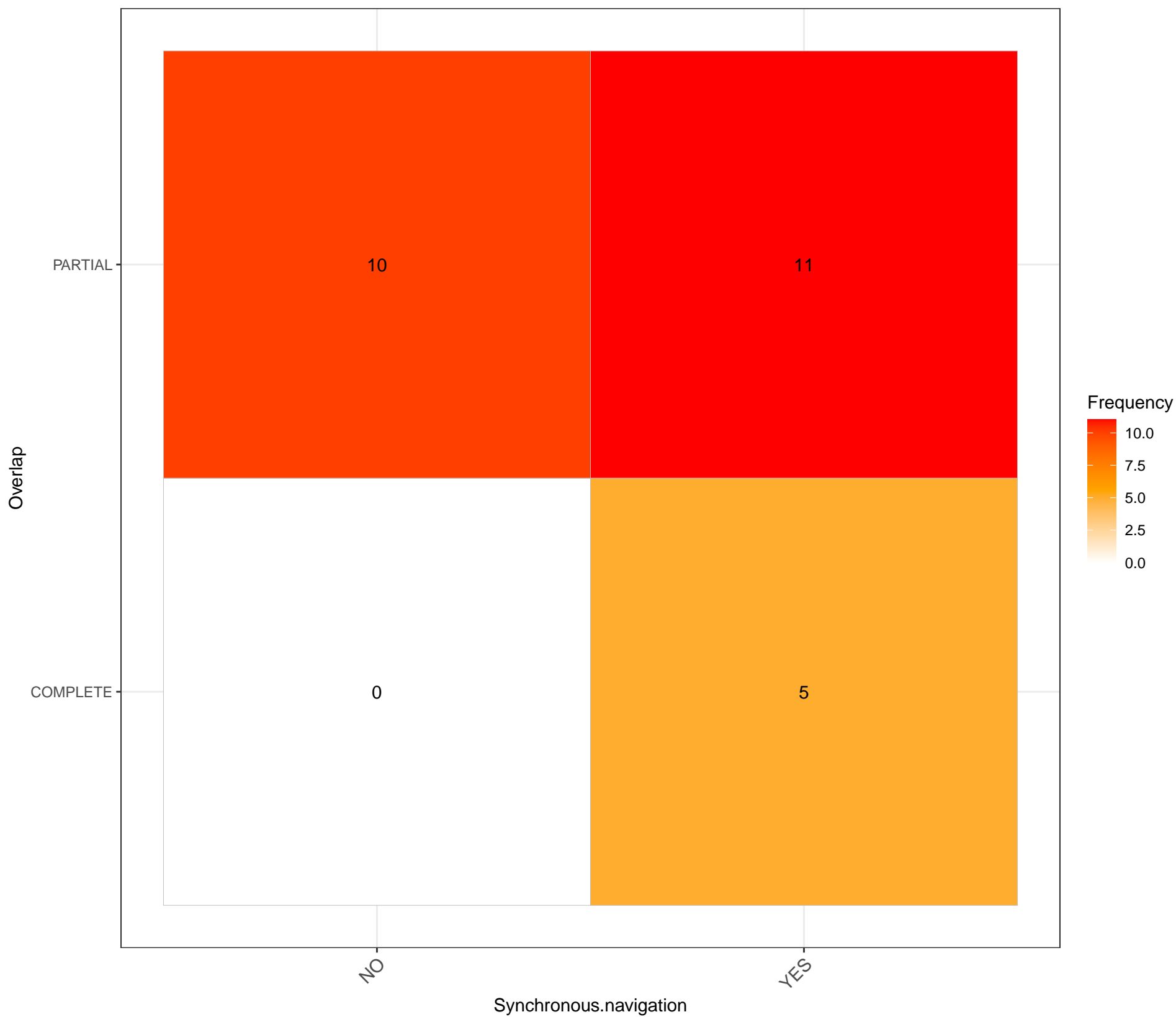
YES

Visualize.multiple.notations

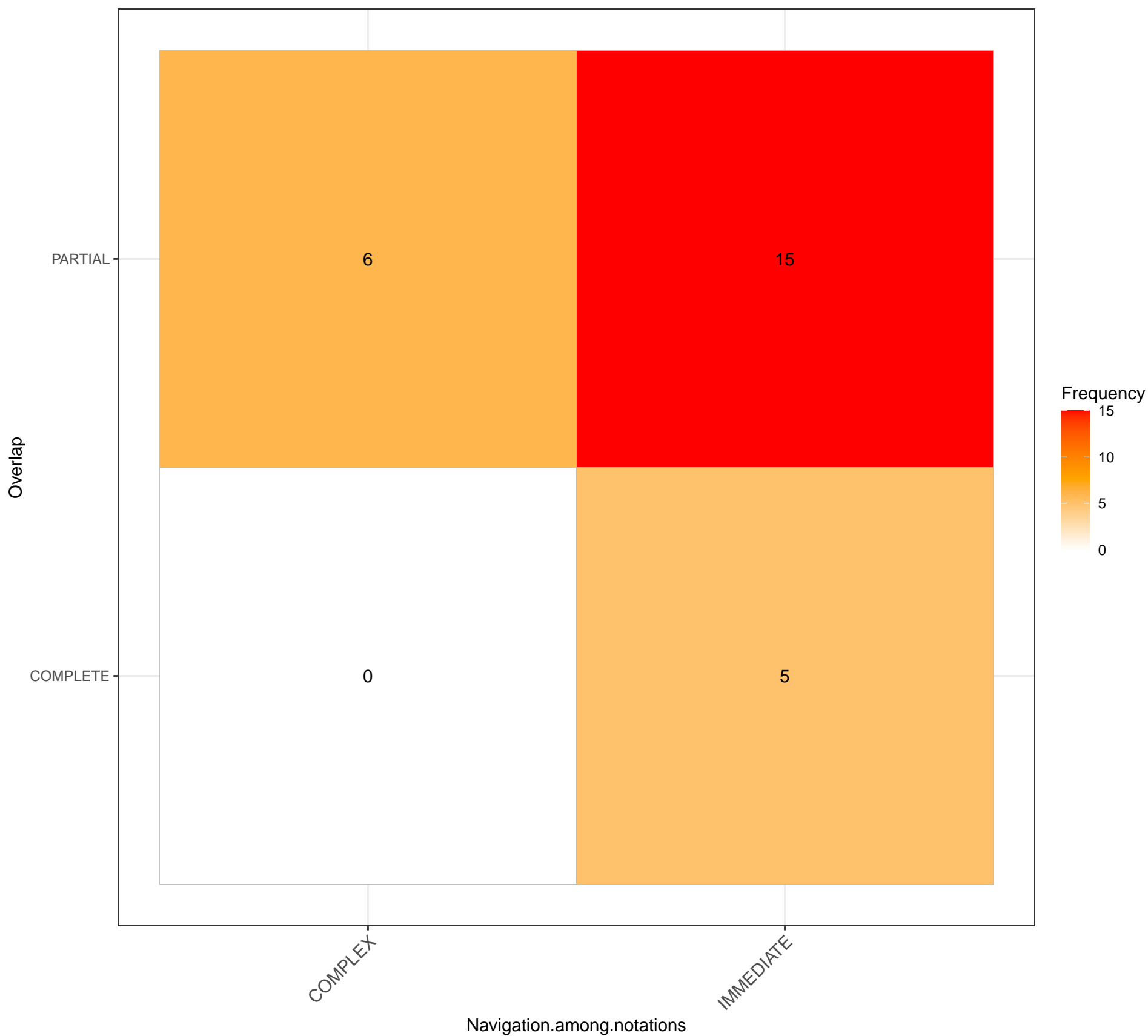
Frequency



Overlap_____Synchronous.navigation (Chi sq w/ Yates p= 0.1455, p= 0.0492)



Overlap_____Navigation.among.notations (Chi sq w/ Yates p= 0.44, p= 0.173)



Overlap_____Flexibility...models (Chi sq w/ Yates p= 0.863, p= 0.4632)

Overlap

PARTIAL

16

5

COMPLETE

3

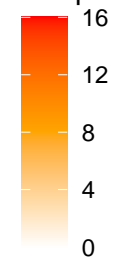
2

NO

YES

Flexibility...models

Frequency



Overlap_____Flexibility...language (Chi sq w/ Yates p= 1, p= 0.7503)

Overlap

PARTIAL

18

3

COMPLETE

4

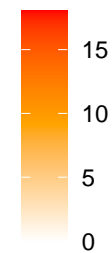
1

NO

YES

Flexibility...language

Frequency



Overlap_____Flexibility...persistence (Chi sq w/ Yates p= 1, p= 0.7503)

Overlap

PARTIAL

18

3

COMPLETE

4

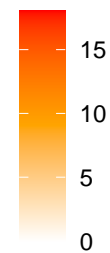
1

NO

YES

Flexibility...persistence

Frequency



Overlap_____Mapping (Chi sq w/ Yates p= 1, p= 0.7503)

Overlap

PARTIAL

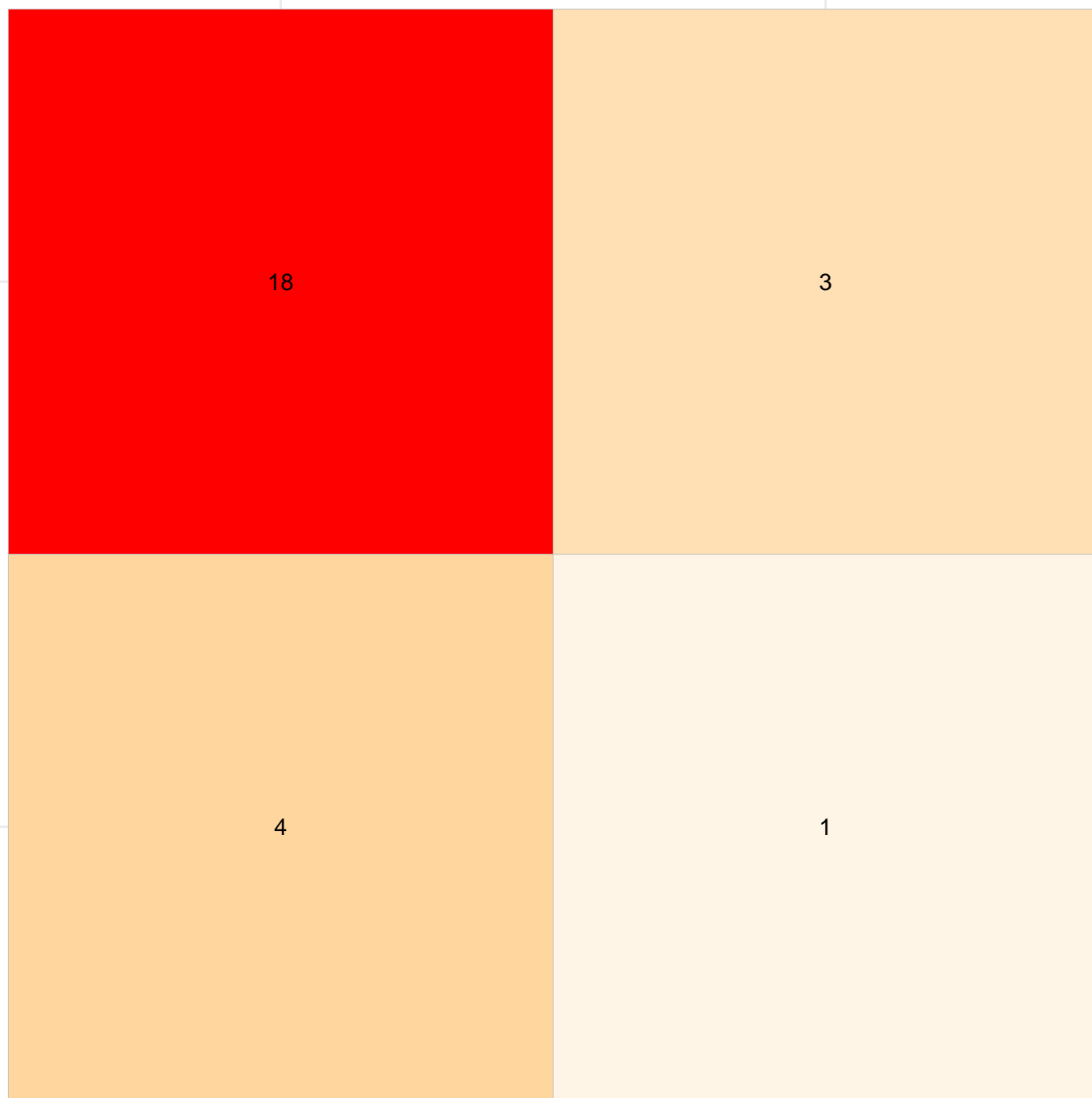
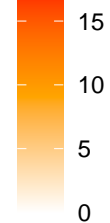
COMPLETE

PARSER-BASE

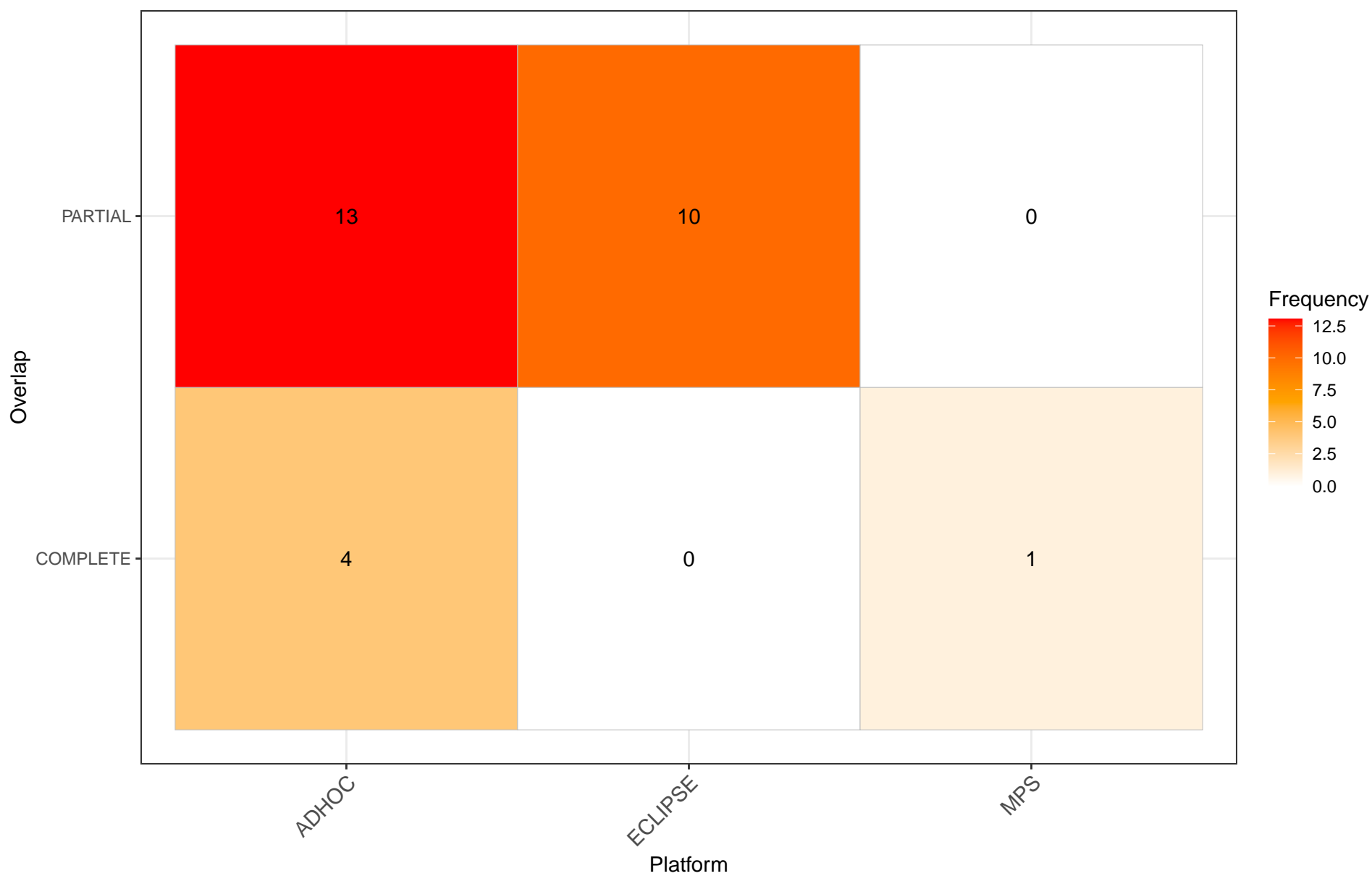
PROJECTIONAL

Mapping

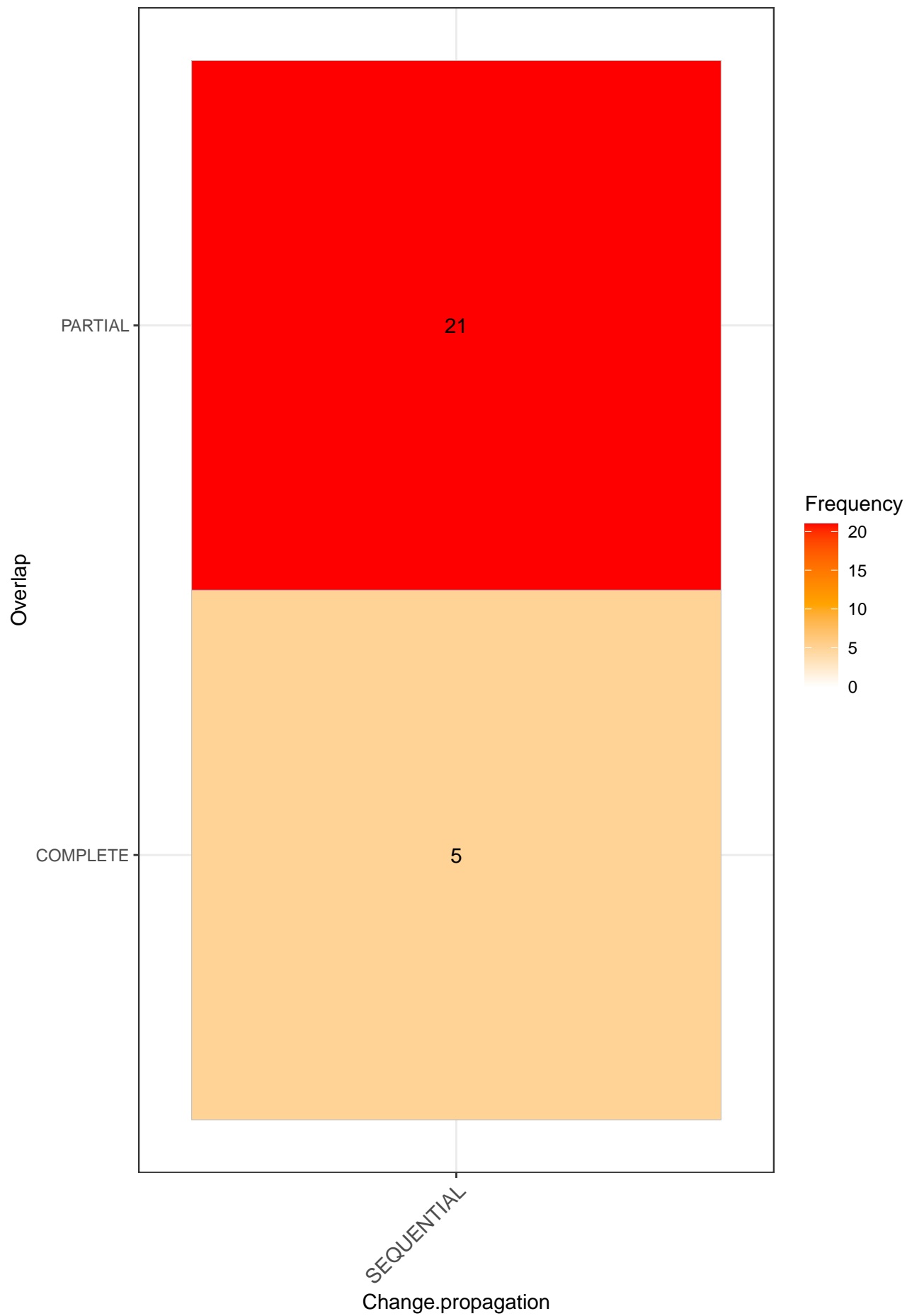
Frequency



Overlap_____Platform (Chi sq w/ Yates p= 0.0281, p= 0.0281)



Overlap_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



Overlap_____Traceability (Chi sq w/ Yates p= 0.7446, p= 0.2973)

Overlap

PARTIAL

14

4

COMPLETE

4

0

Traceability

NO

YES

Frequency

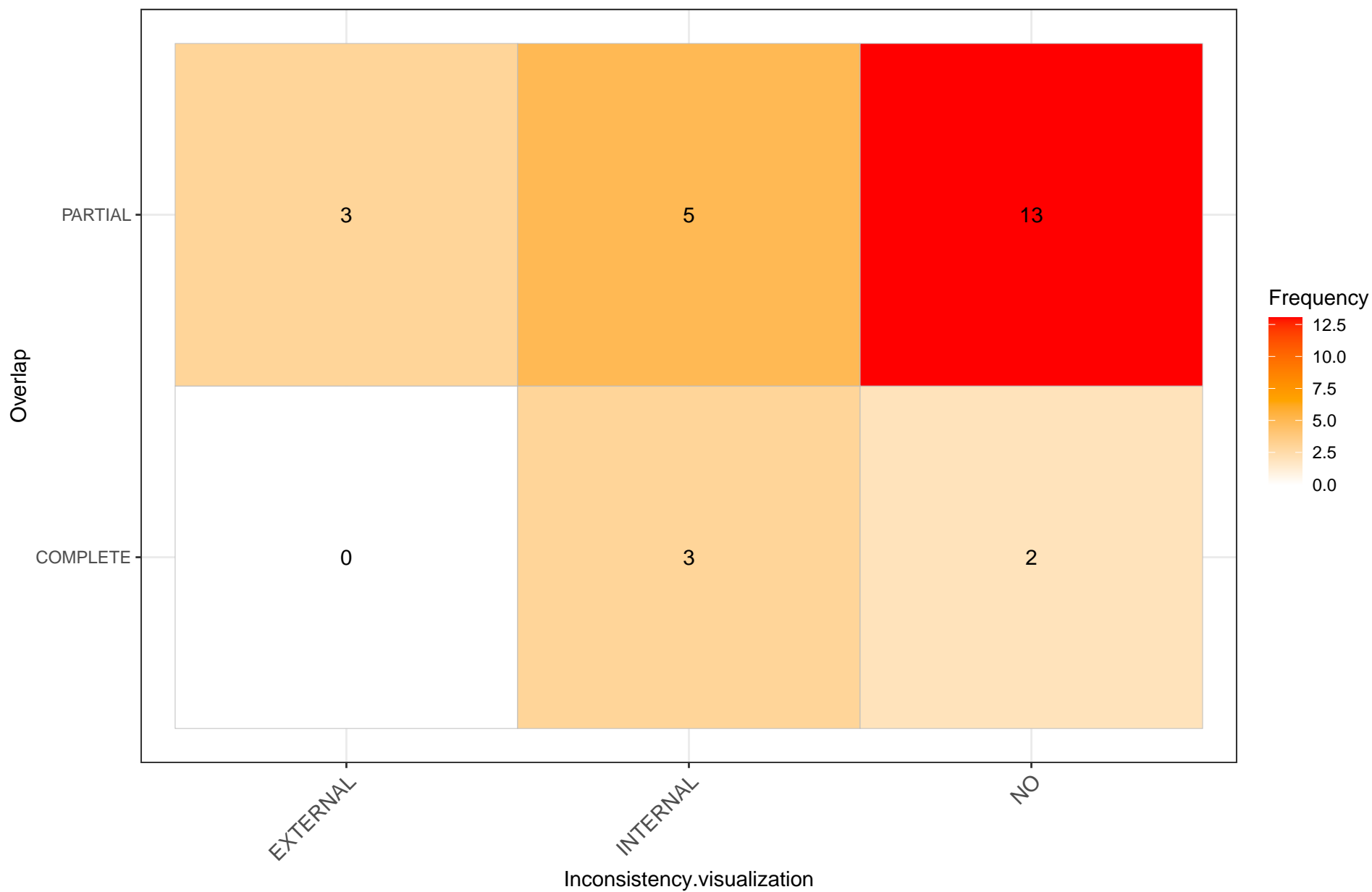


10

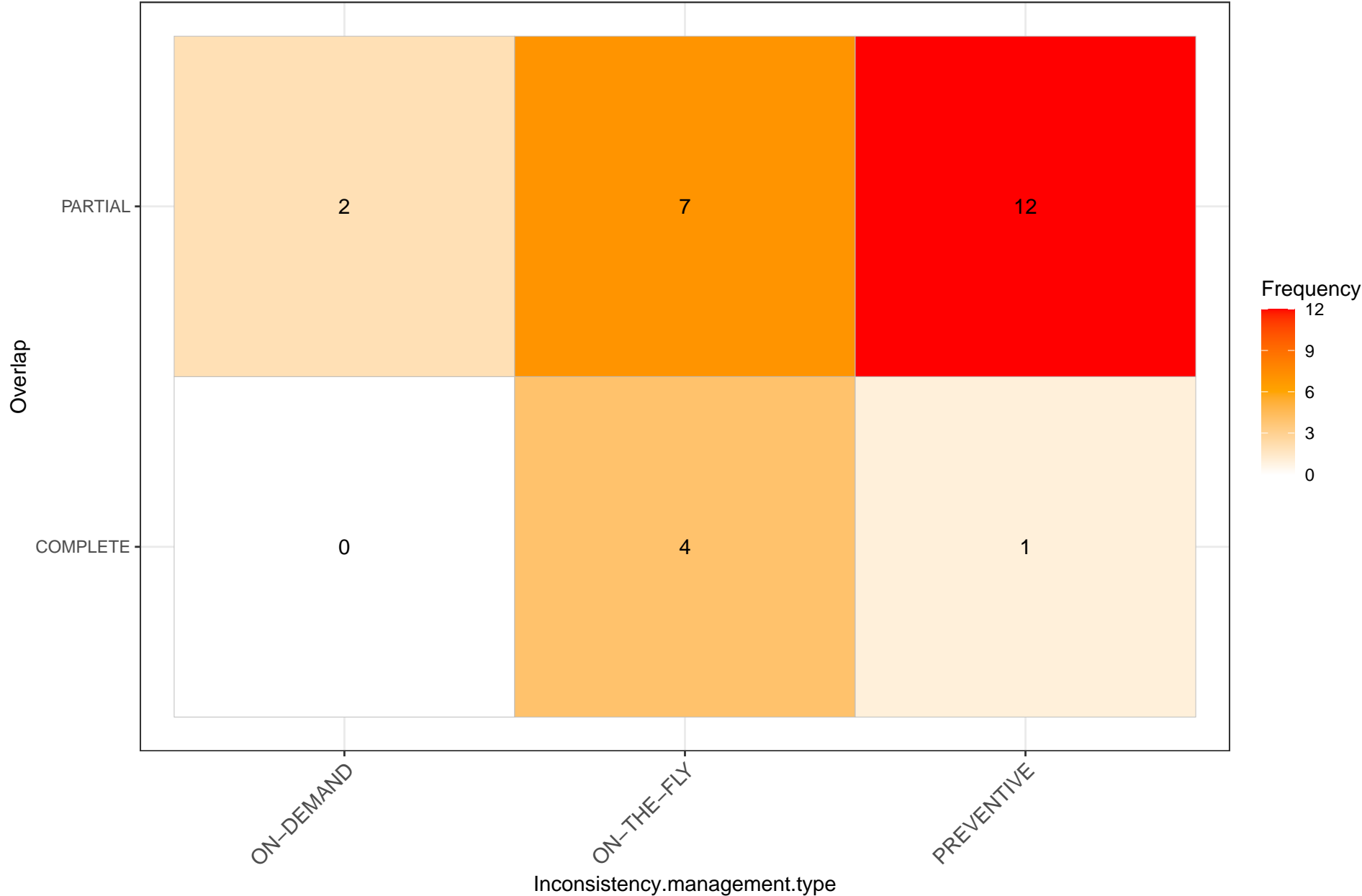
5

0

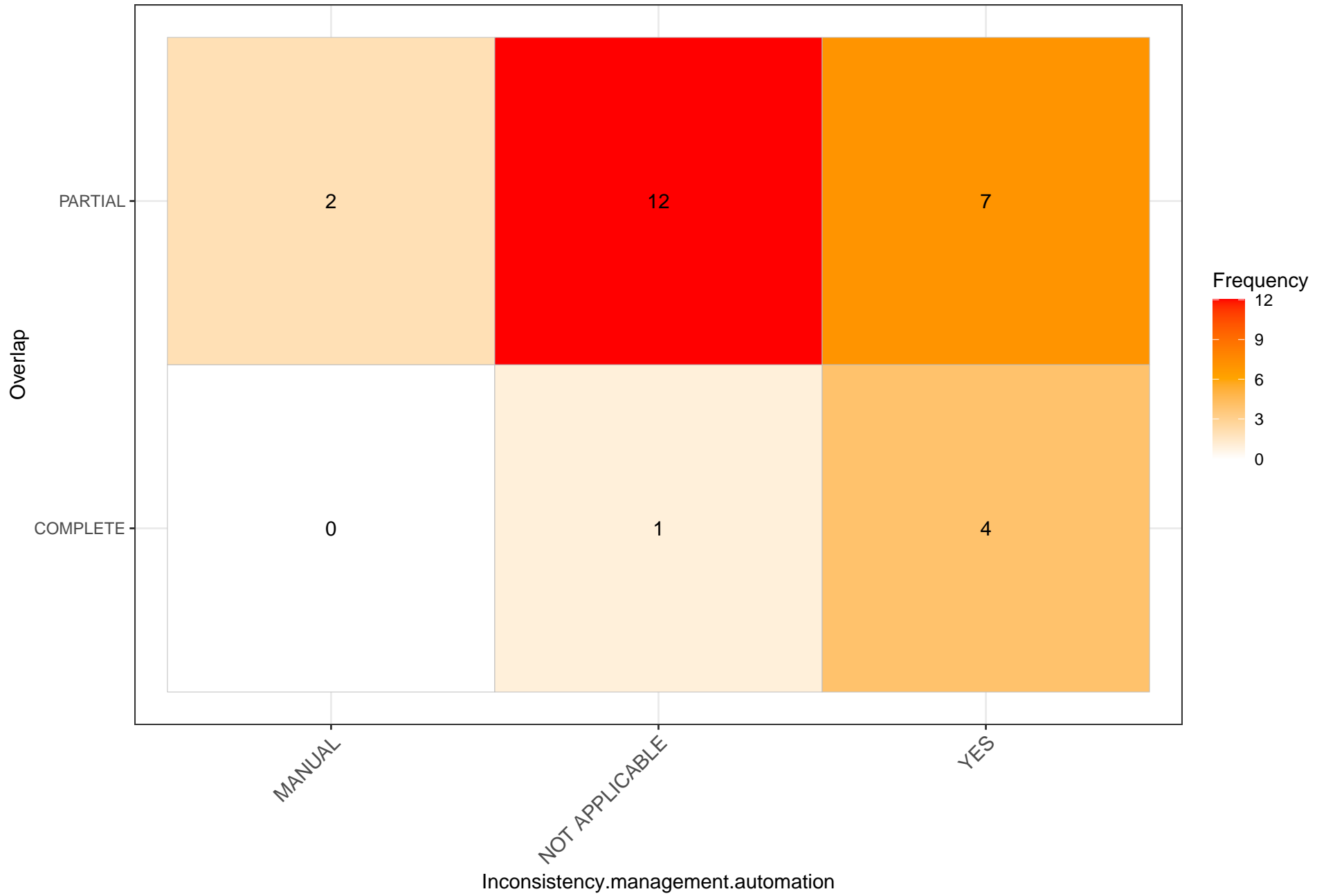
Overlap_____Inconsistency.visualization (Chi sq w/ Yates p= 0.2504, p= 0.2504)



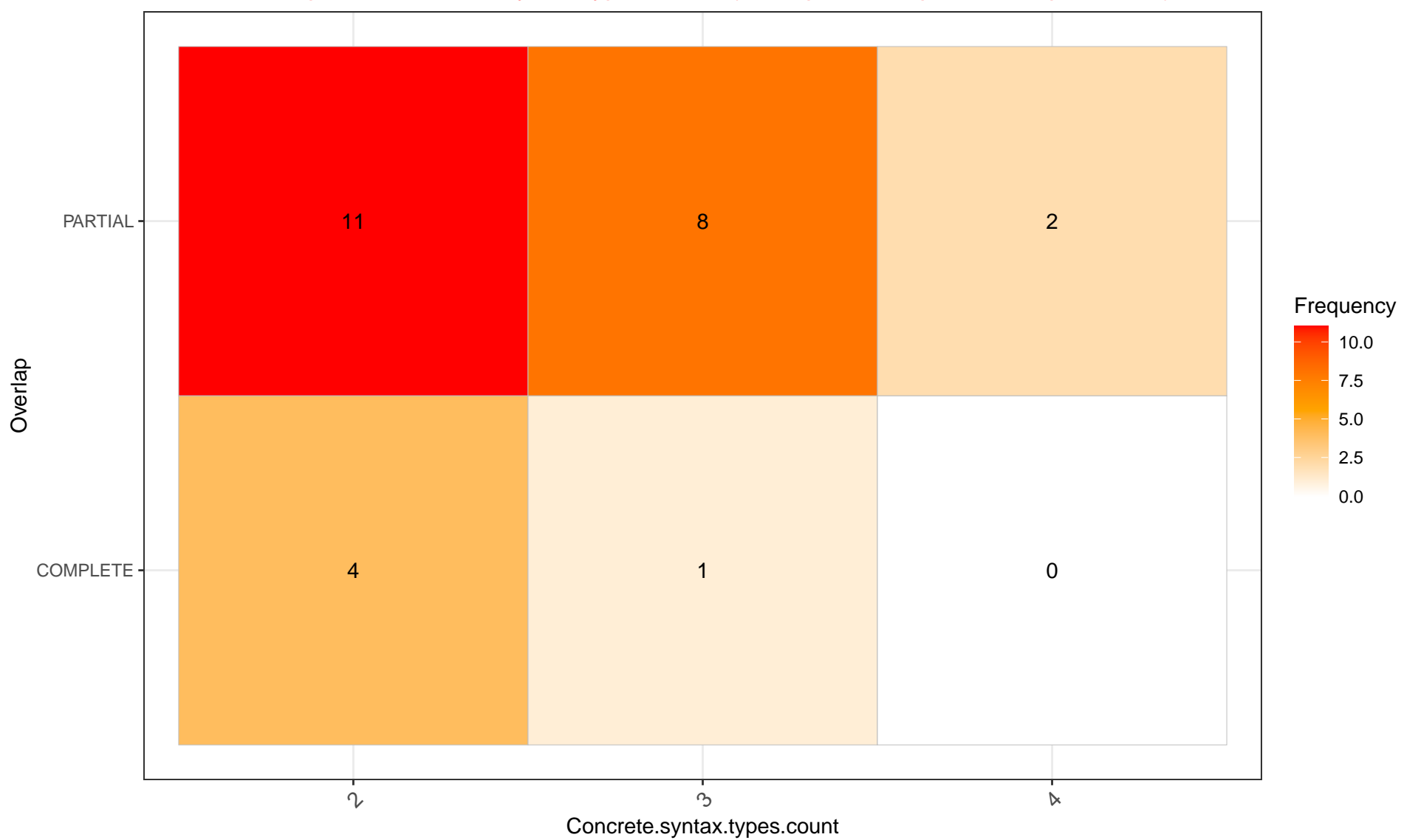
Overlap_____Inconsistency.management.type (Chi sq w/ Yates p= 0.1597, p= 0.1597)



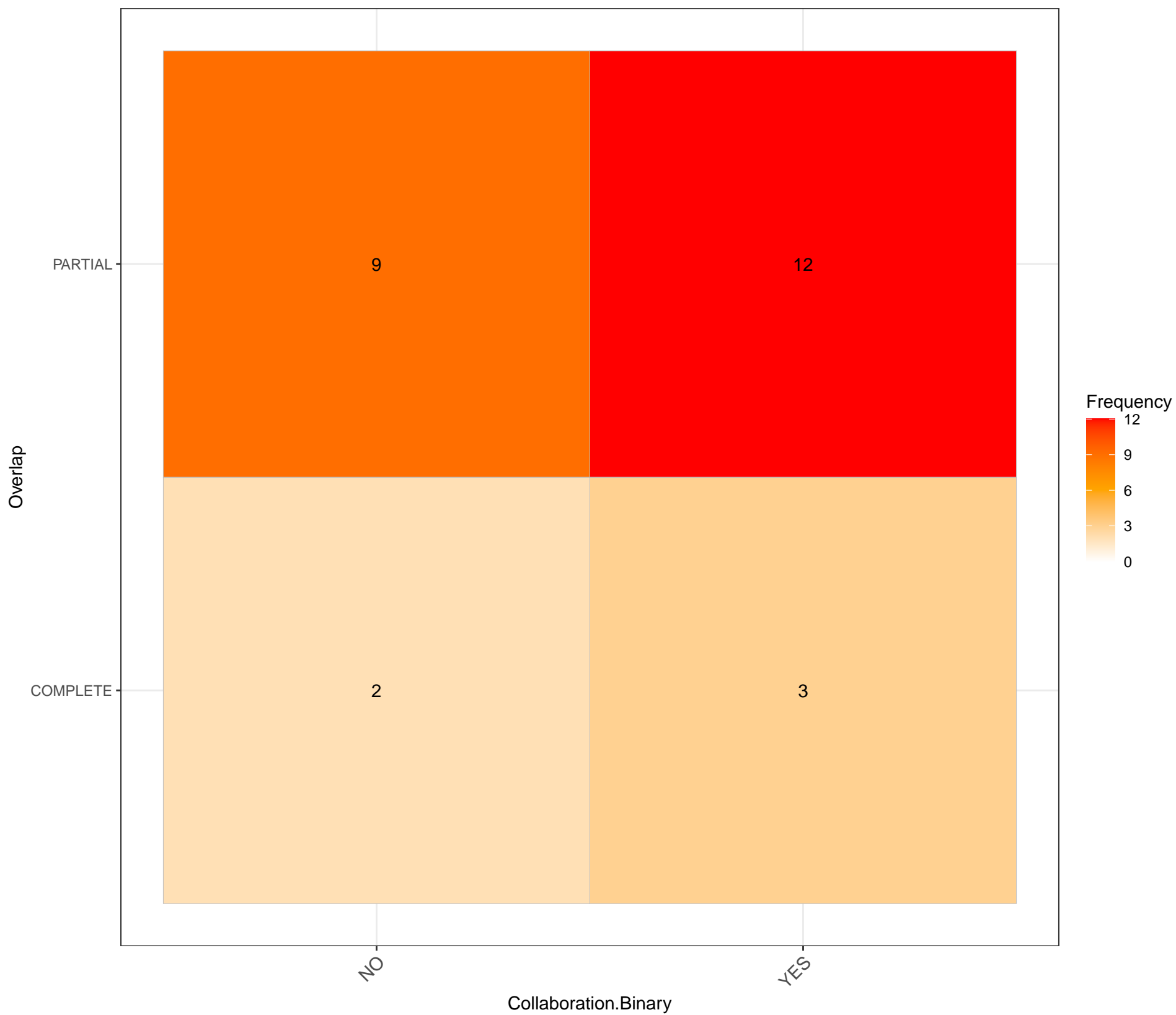
Overlap_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.1597, p= 0.1597)



Overlap_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.4985, p= 0.4985)



Overlap_____Collaboration.Binary (Chi sq w/ Yates p= 1, p= 0.9075)



Overlap_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.6985, p= 0.3729)

Overlap

PARTIAL

13

8

COMPLETE

2

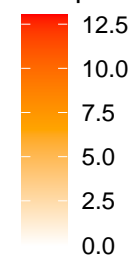
3

NO

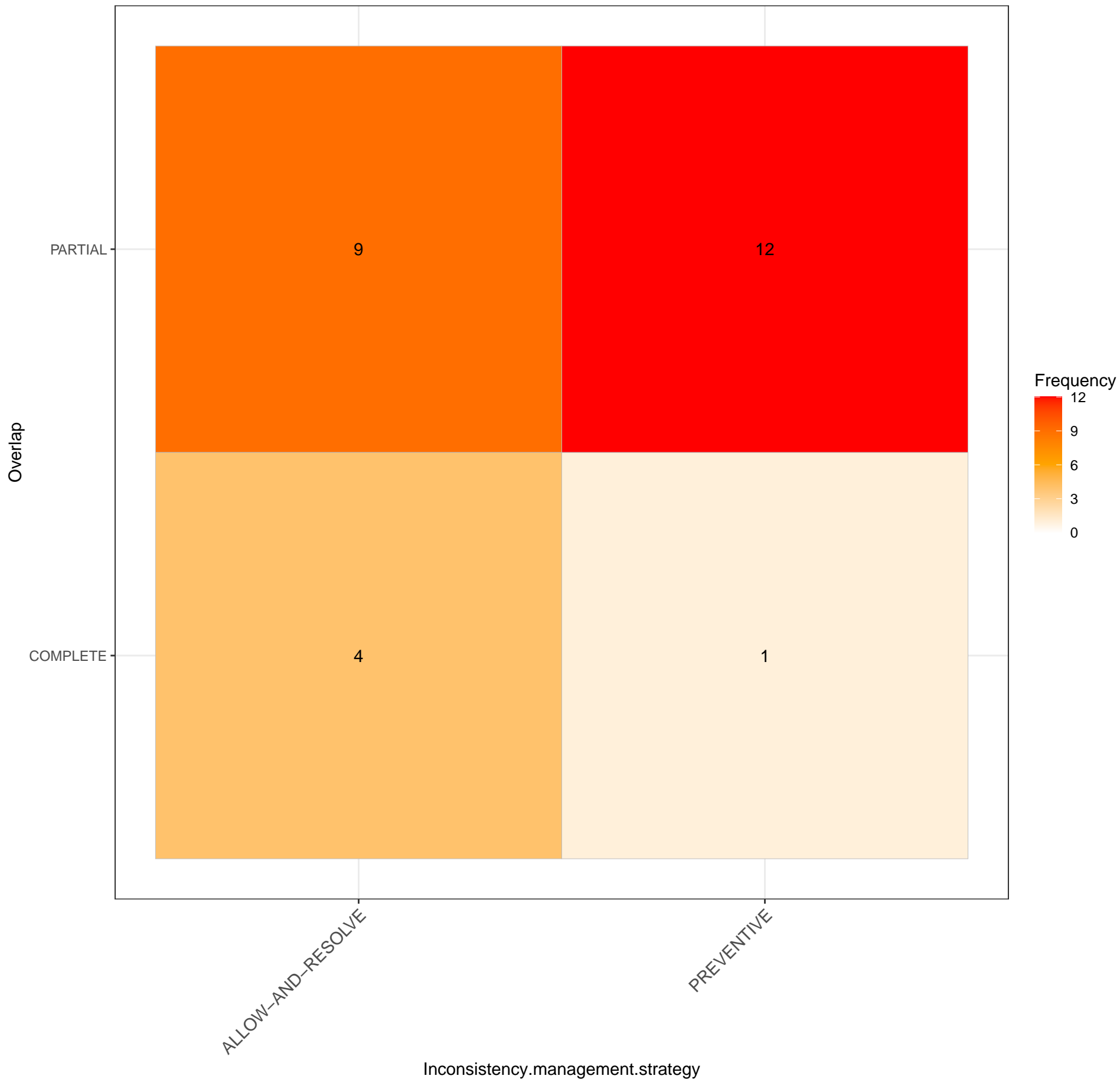
YES

Inconsistency.visualization.Binary

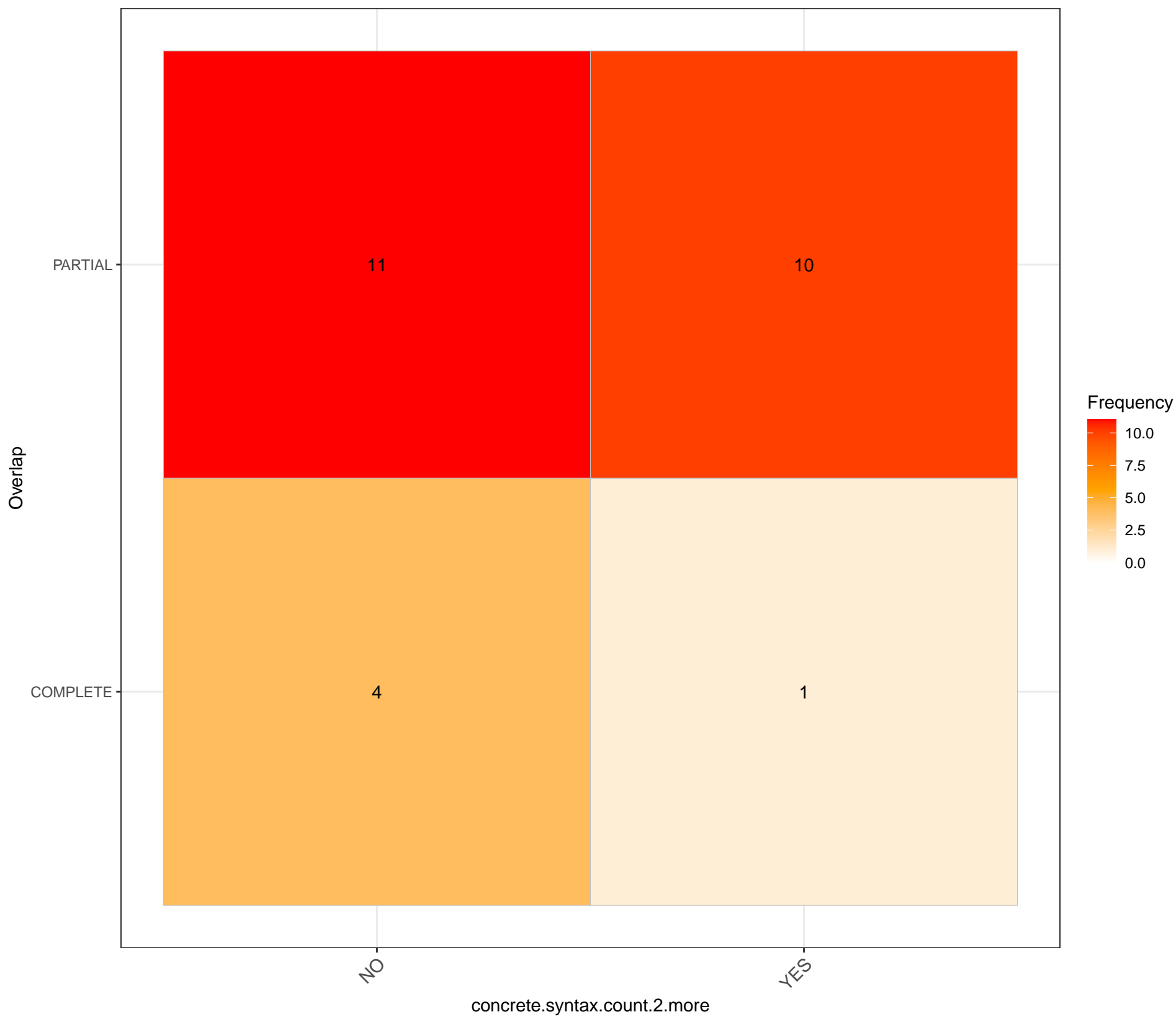
Frequency



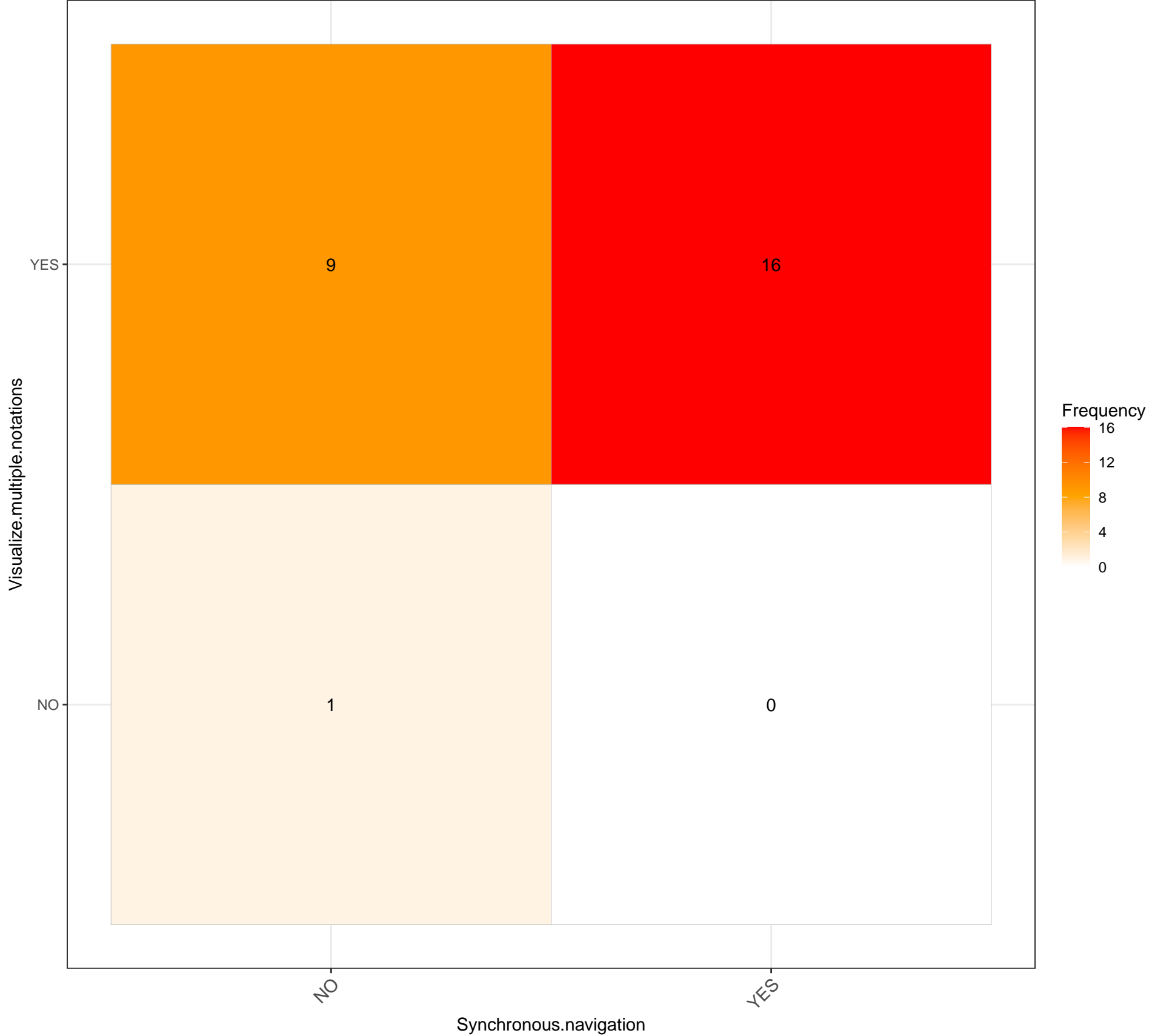
Overlap_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.3196, p= 0.1355)



Overlap_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.5354, p= 0.2613)



Visualize.multiple.notations_____Synchronous.navigation (Chi sq w/ Yates p= 0.8089, p= 0.1971)



Visualize.multiple.notations____Navigation.among.notations (Chi sq w/ Yates p= 1, p= 0.5765)

Visualize.multiple.notations

YES

6

19

NO

0

1

COMPLEX

IMMEDIATE

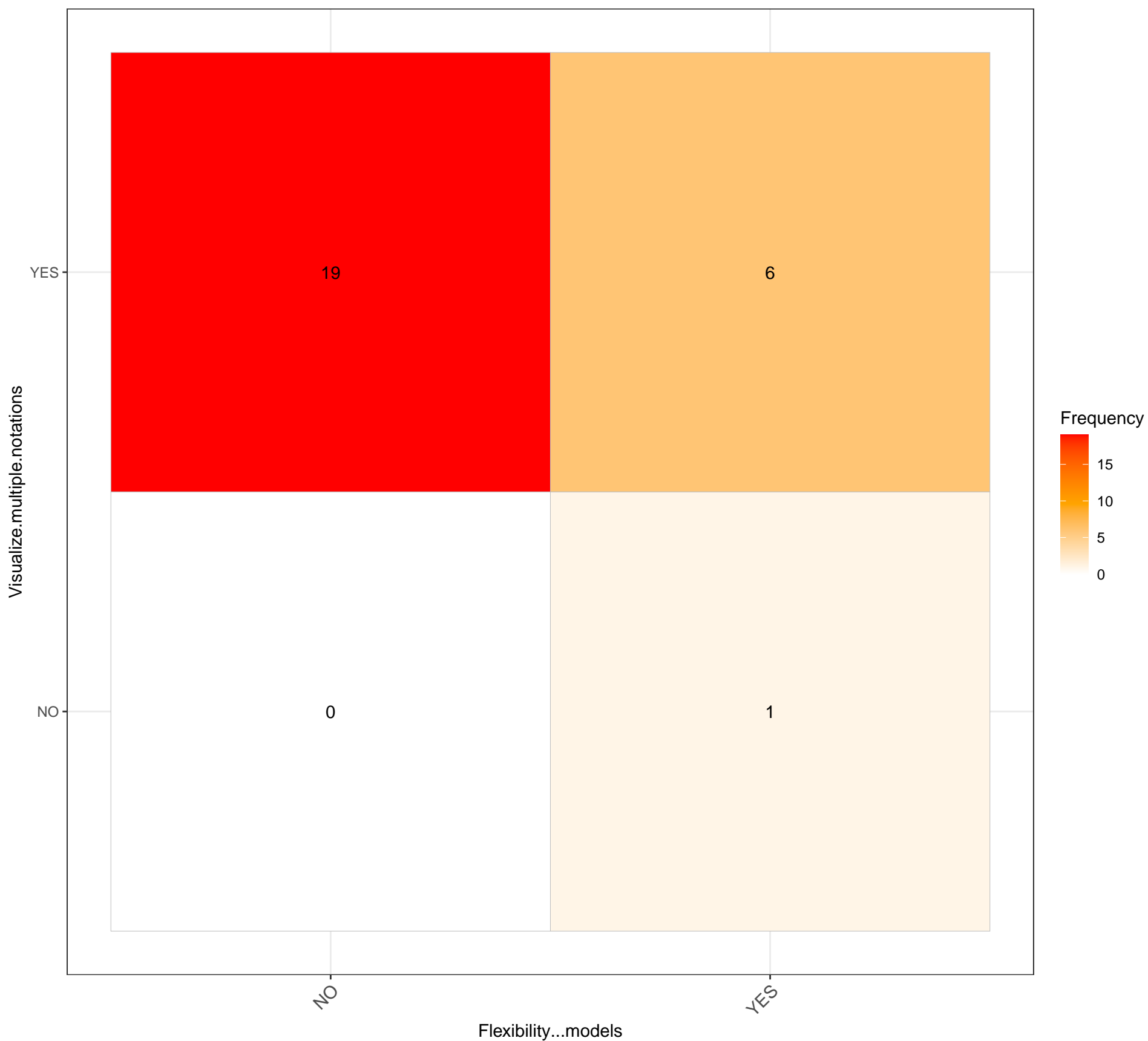
Navigation.among.notations

Frequency

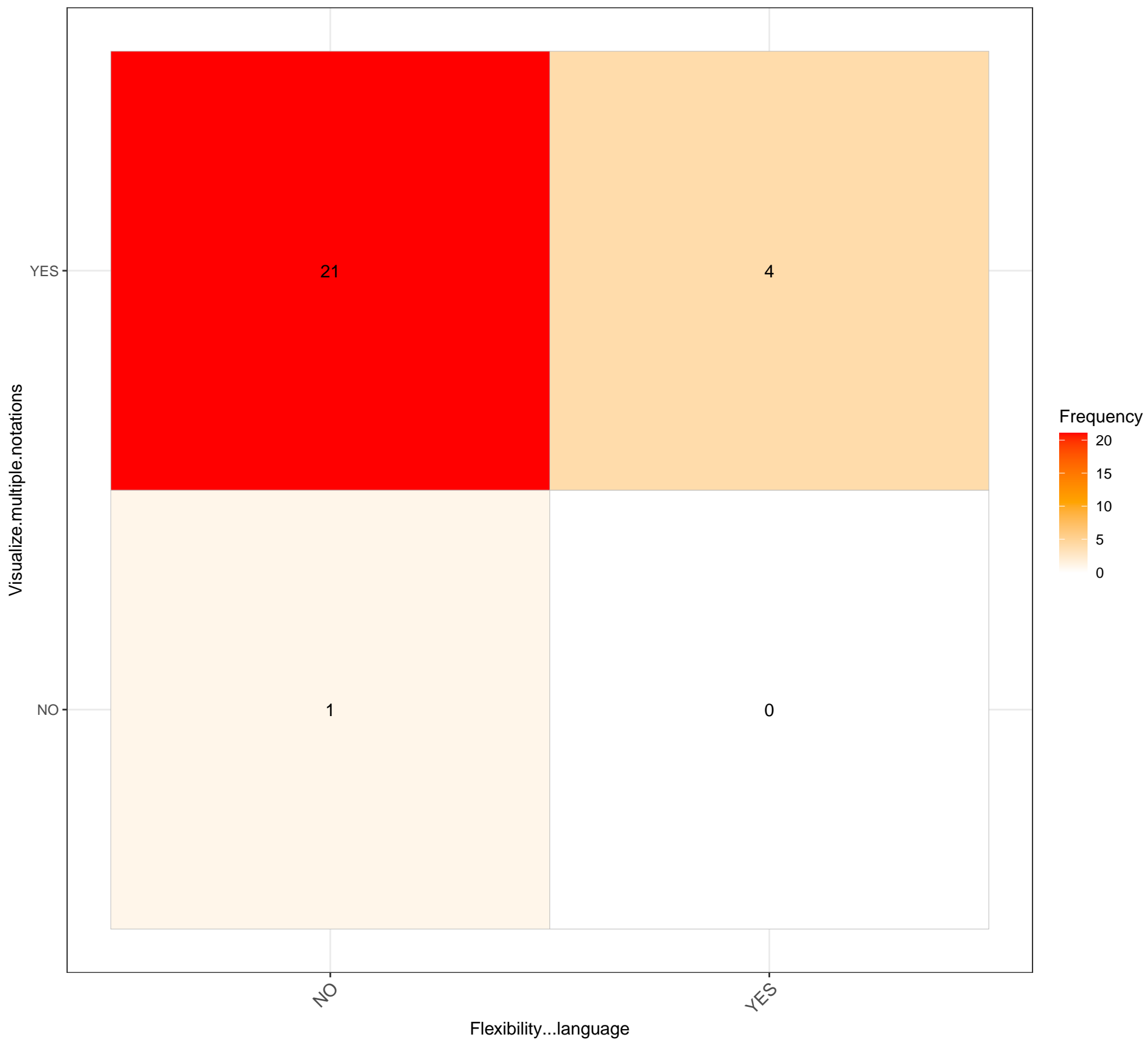
15
10
5
0



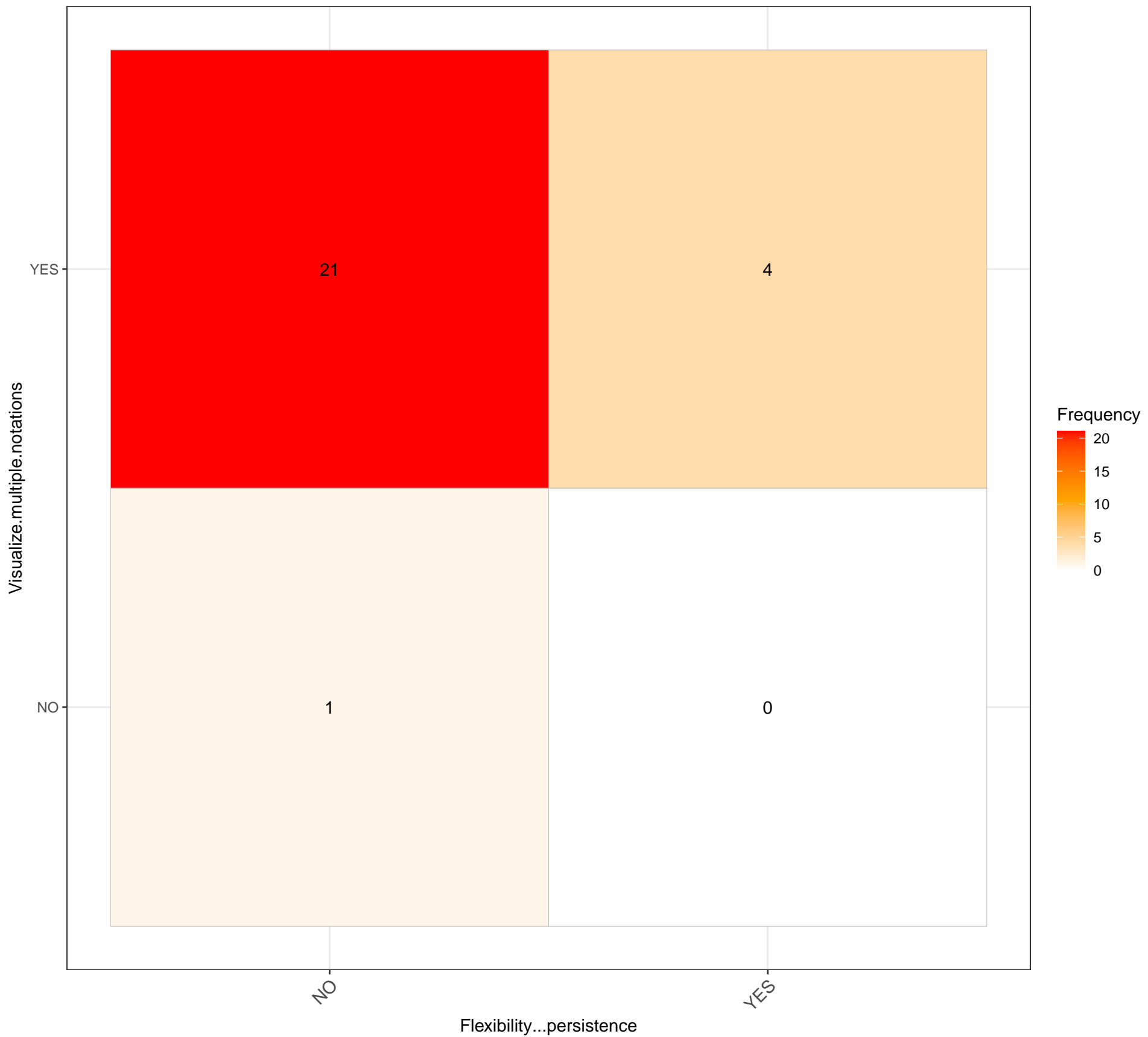
Visualize.multiple.notations_____Flexibility...models (Chi sq w/ Yates p= 0.5957, p= 0.0929)



Visualize.multiple.notations_____Flexibility...language (Chi sq w/ Yates p= 1, p= 0.6637)



Visualize.multiple.notations_____Flexibility...persistence (Chi sq w/ Yates p= 1, p= 0.6637)



Visualize.multiple.notations_____Mapping (Chi sq w/ Yates p= 0.3279, p= 0.0168)

Visualize.multiple.notations

YES

22

3

NO

0

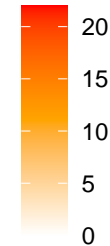
1

PARSER-BASE

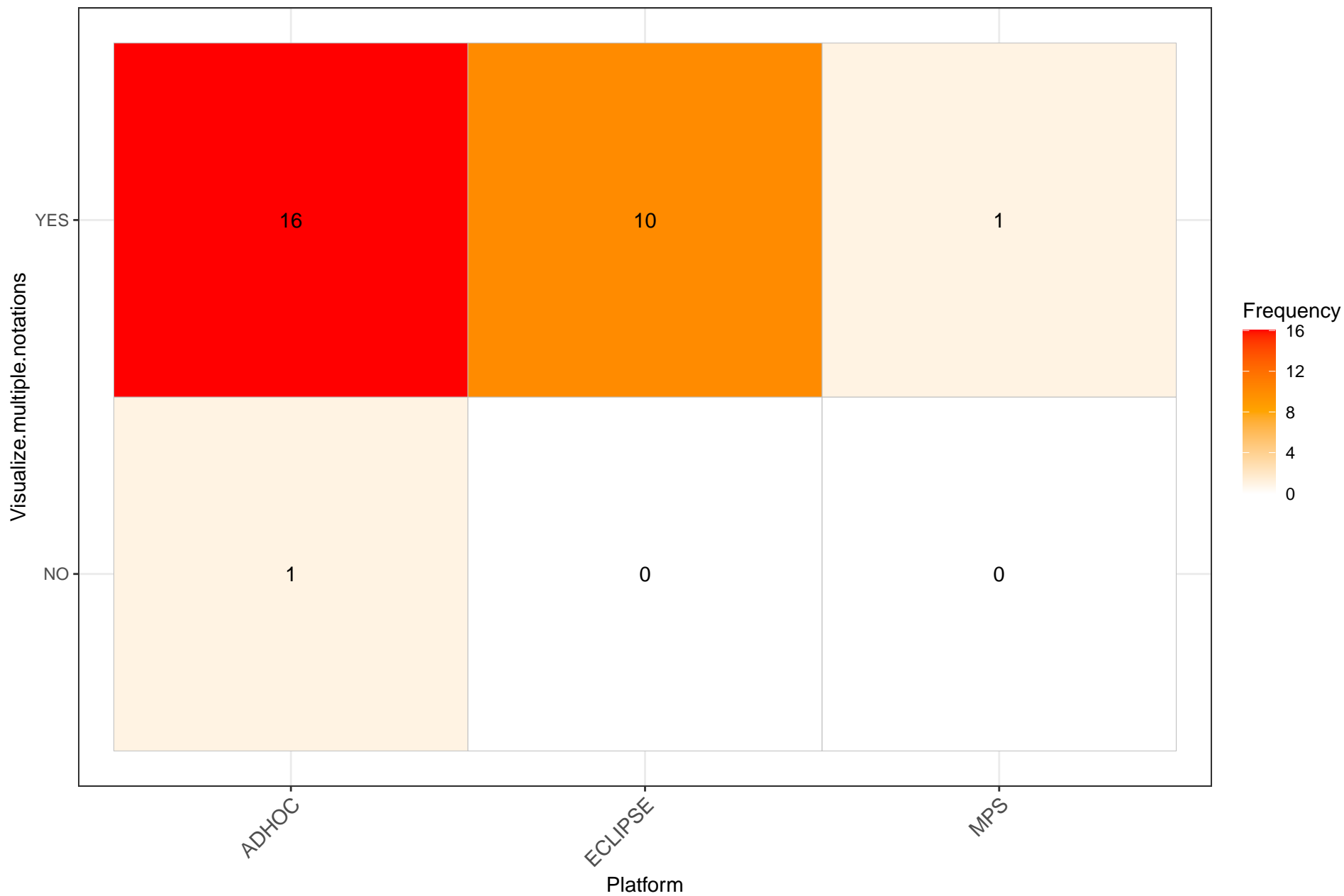
PROJECTIONAL

Mapping

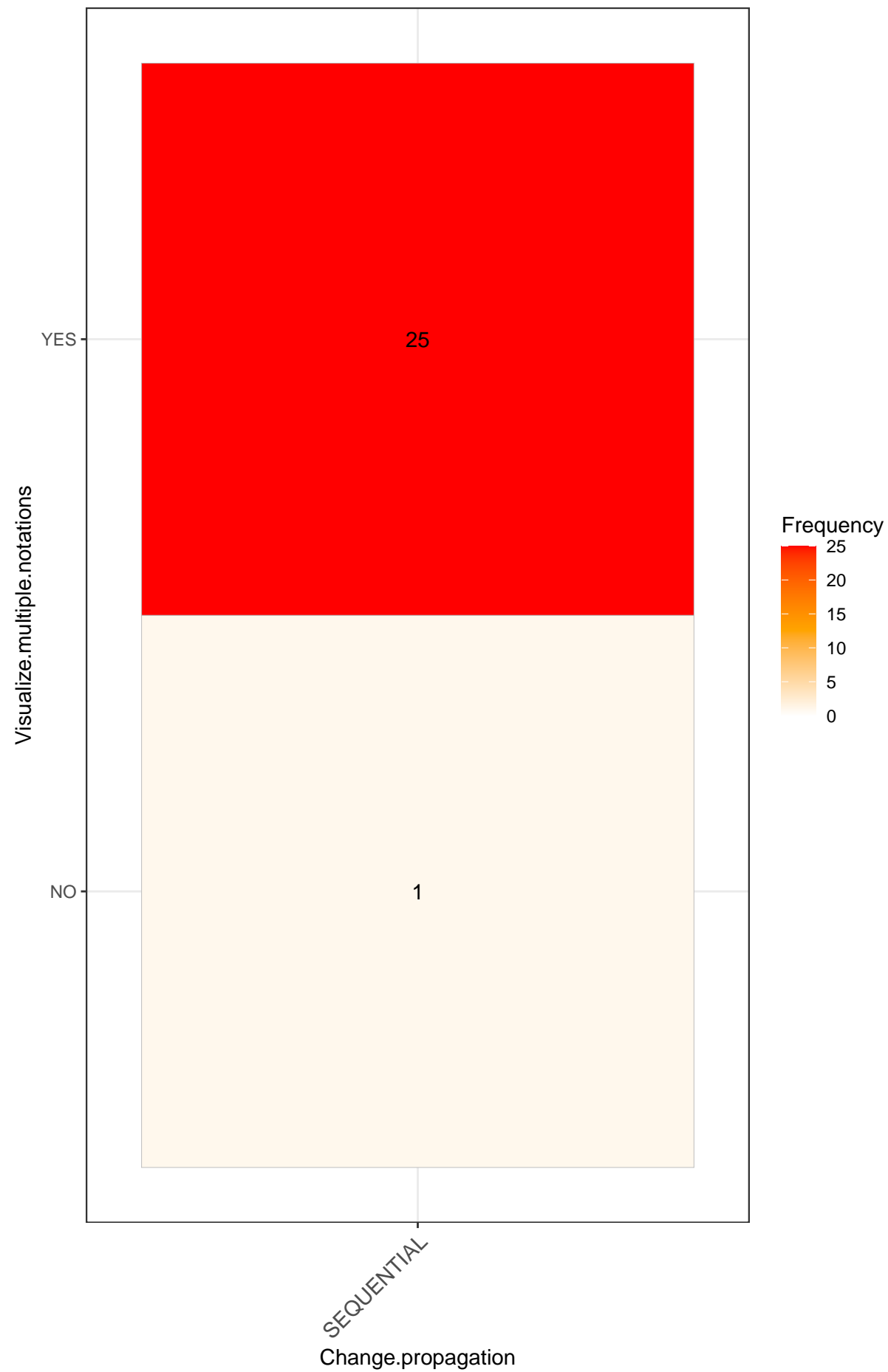
Frequency



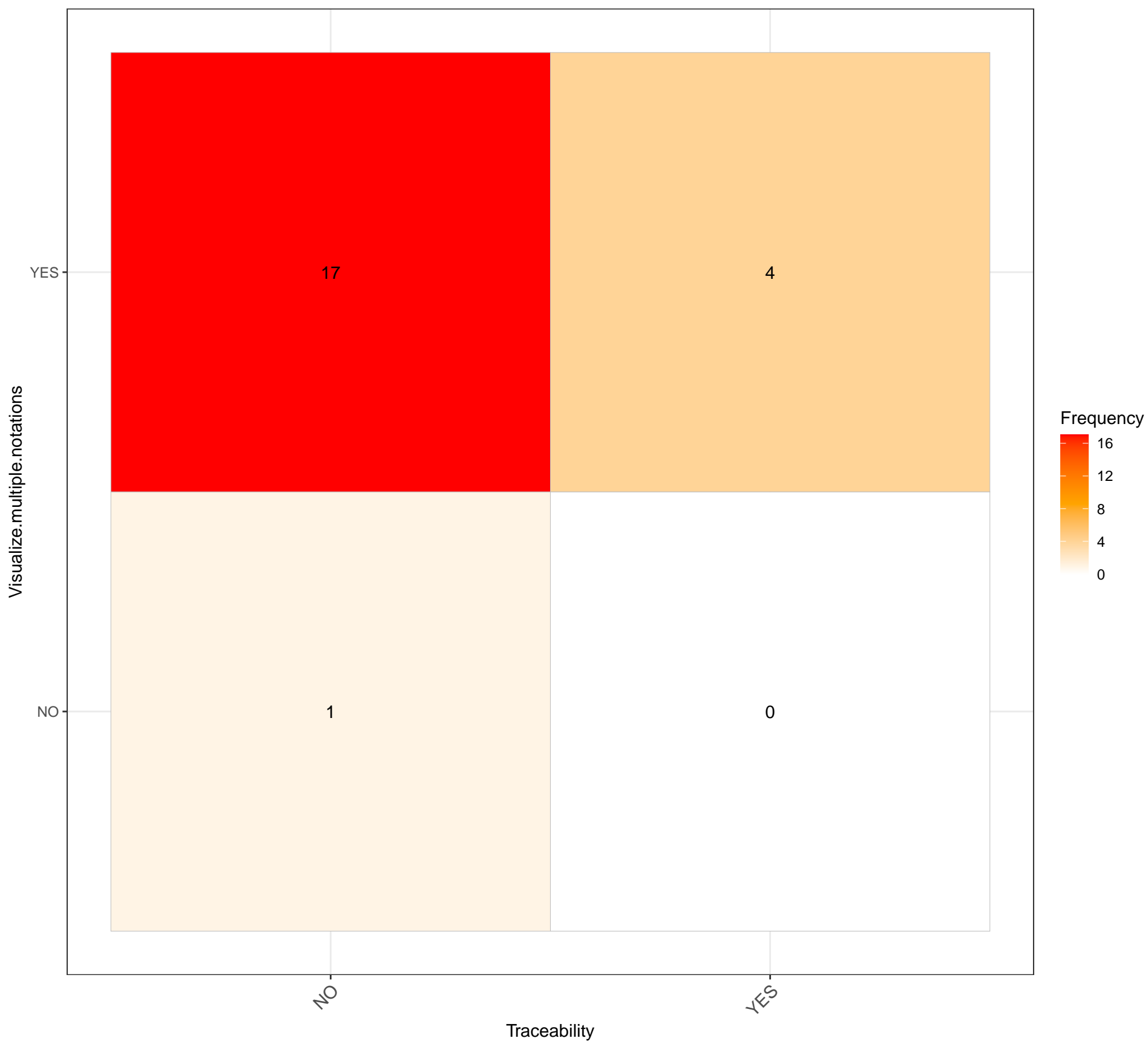
Visualize.multiple.notations____Platform (Chi sq w/ Yates p= 0.715, p= 0.715)



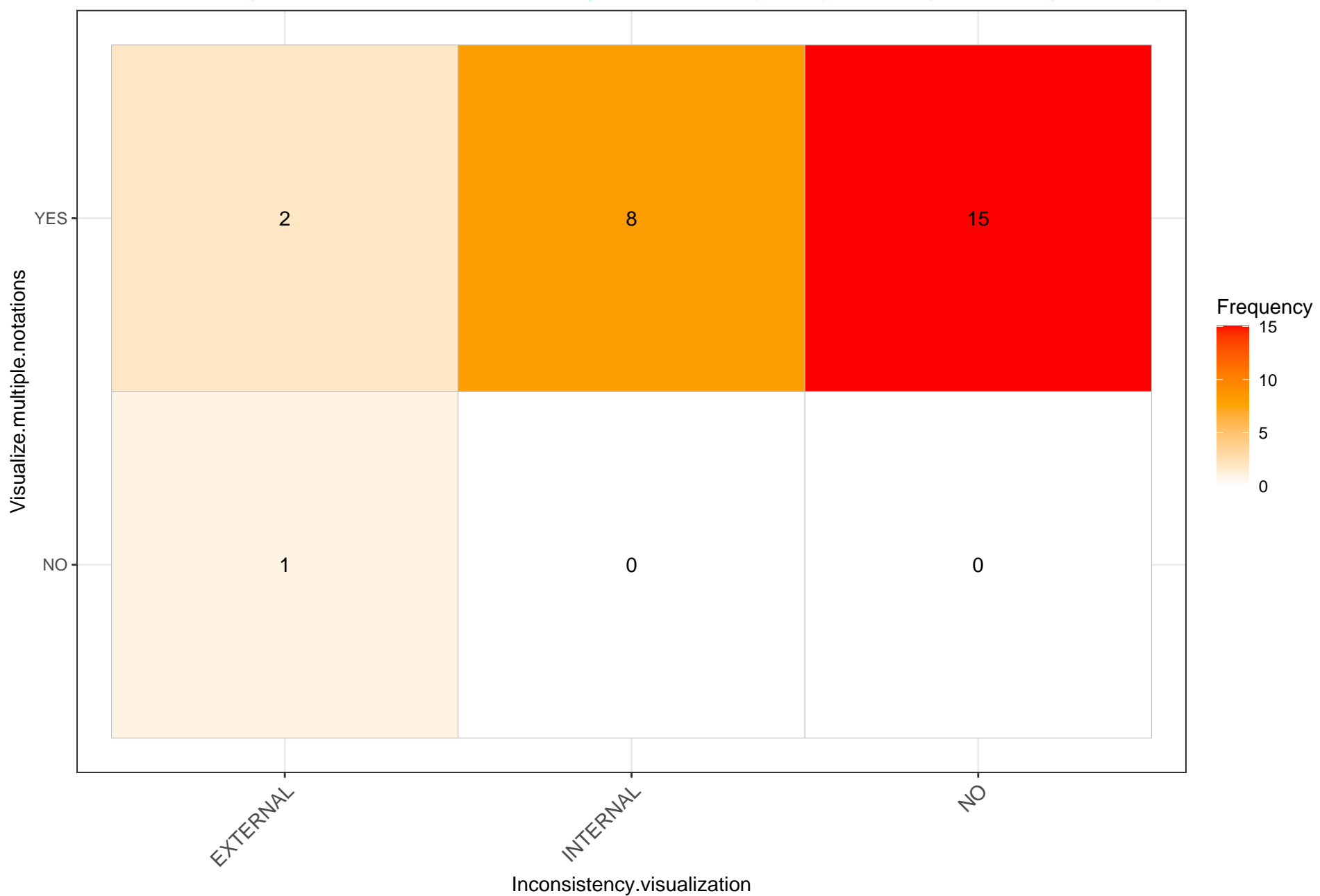
Visualize.multiple.notations_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



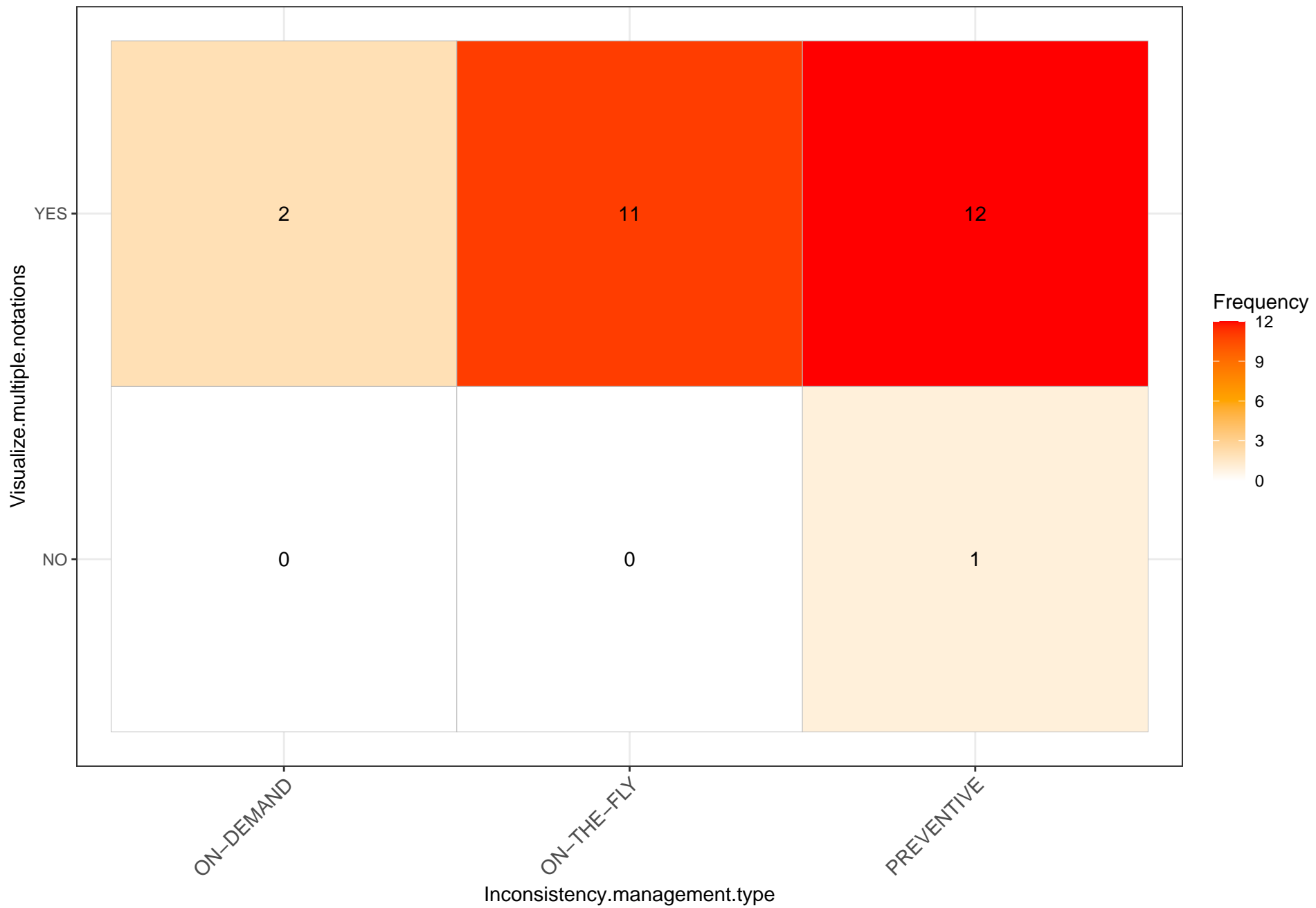
Visualize.multiple.notations_____Traceability (Chi sq w/ Yates p= 1, p= 0.6295)



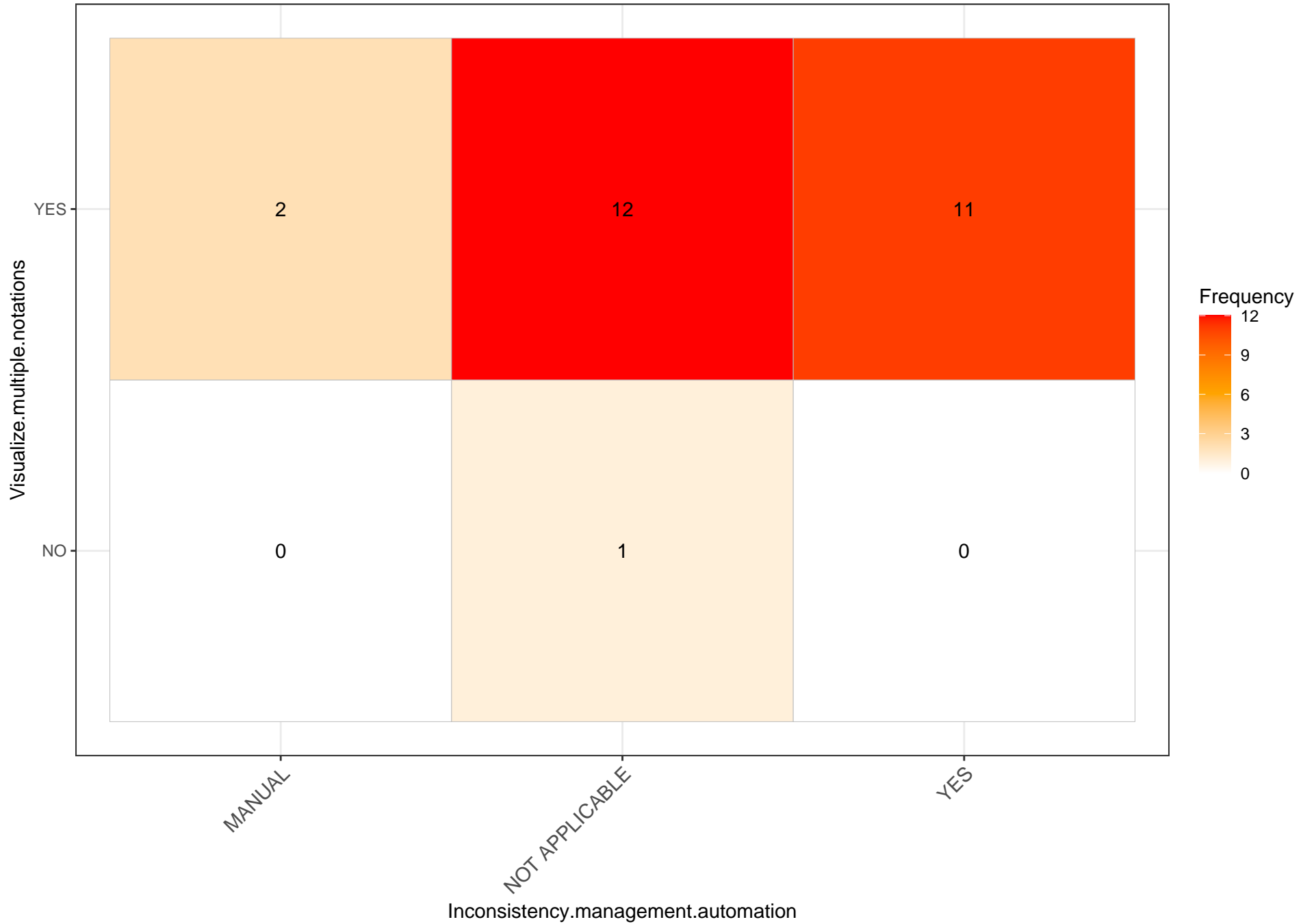
Visualize.multiple.notations_____Inconsistency.visualization (Chi sq w/ Yates p= 0.0186, p= 0.0186)



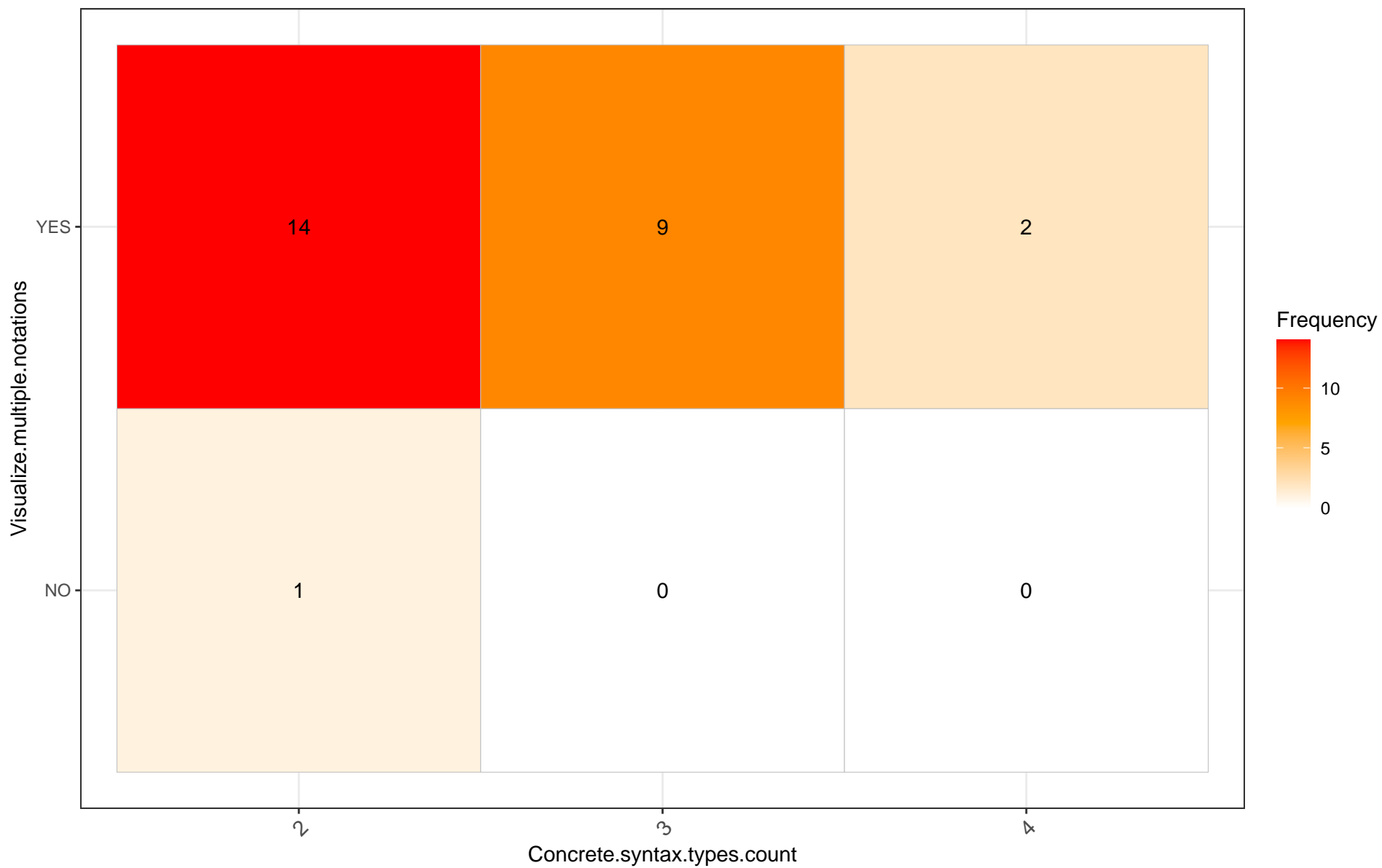
Visualize.multiple.notations_____Inconsistency.management.type (Chi sq w/ Yates p= 0.5945, p= 0.5945)



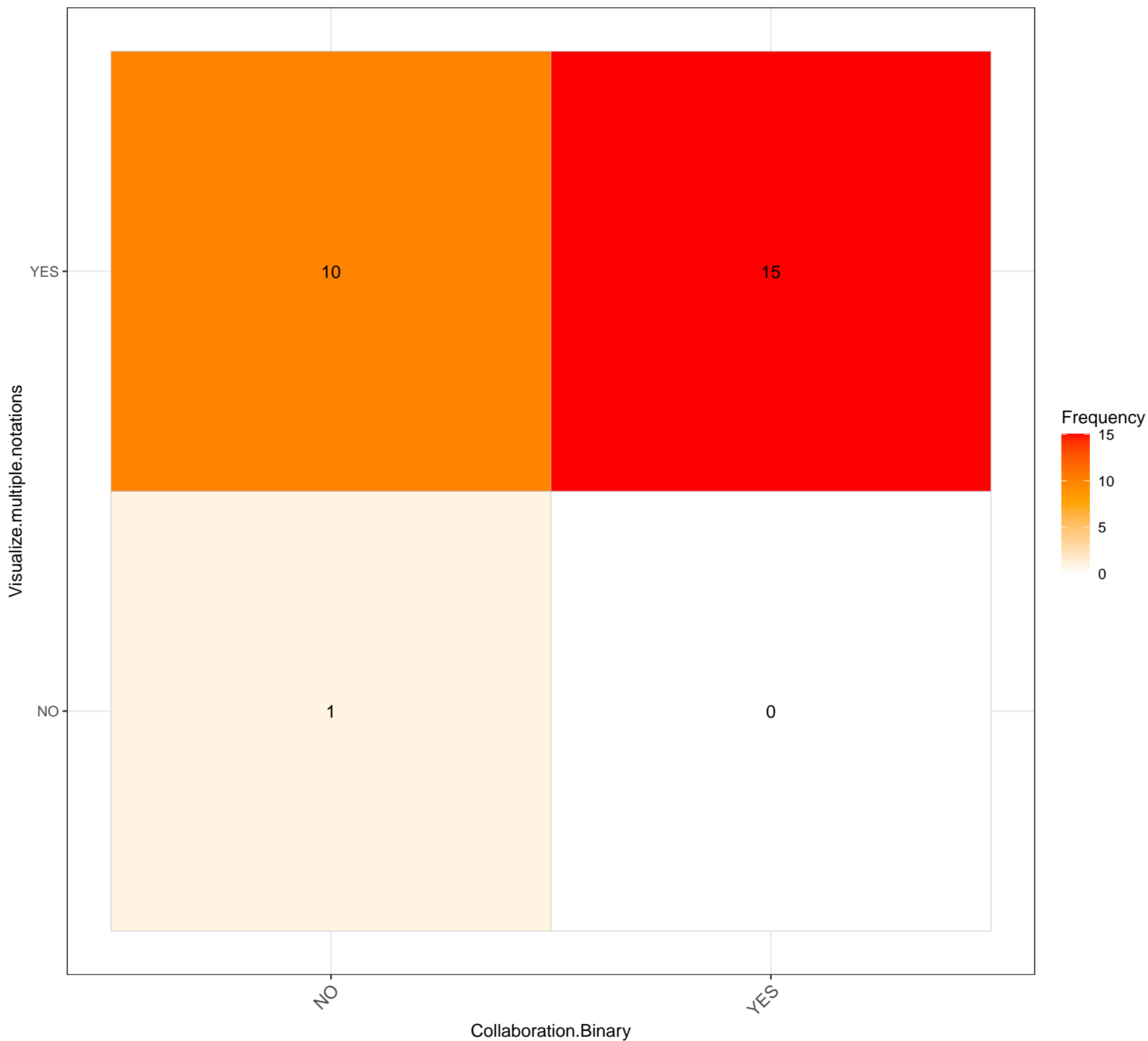
Visualize.multiple.notations____Inconsistency.management.automation (Chi sq w/ Yates p= 0.5945, p= 0.5945)



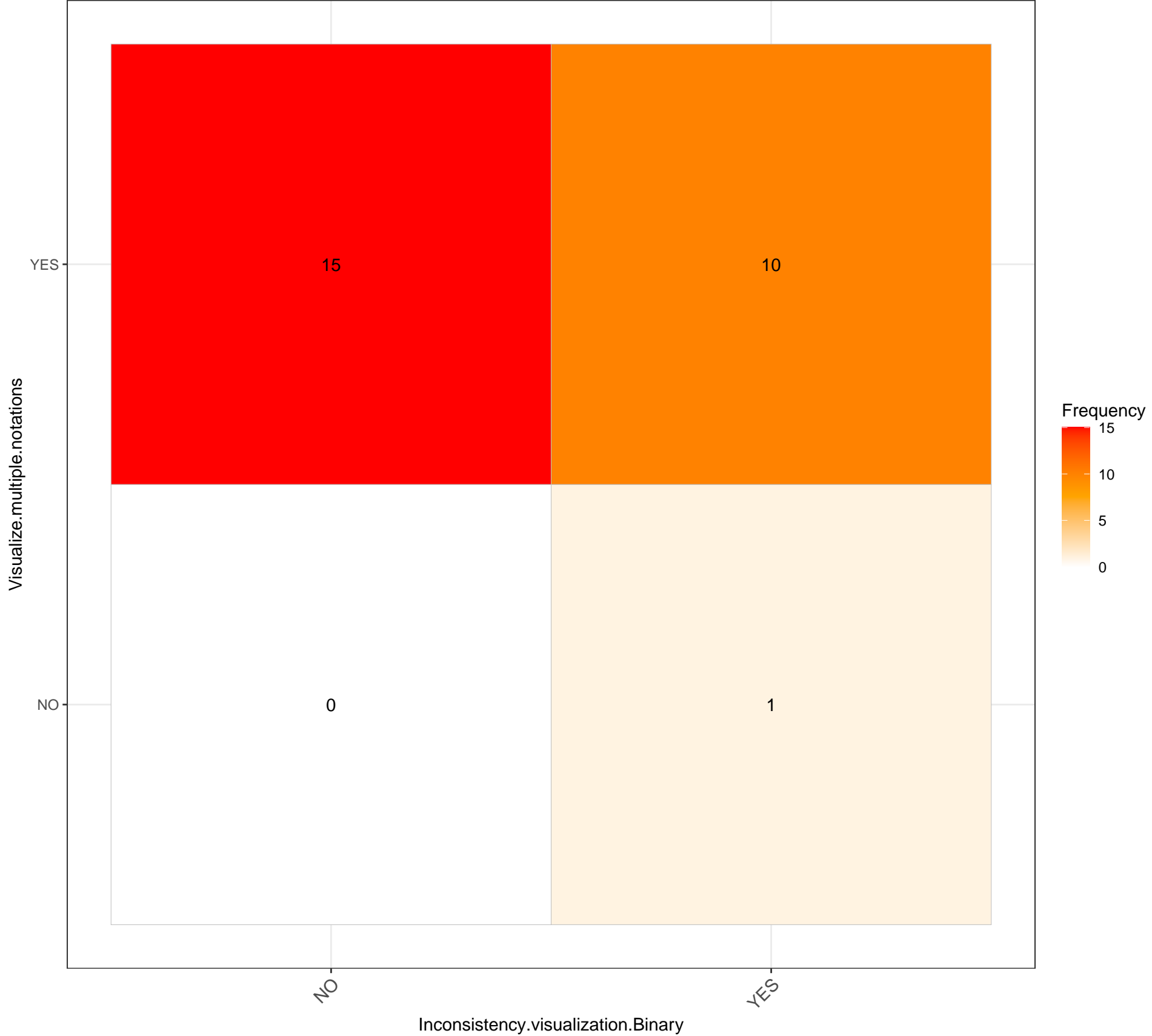
Visualize.multiple.notations_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.683, p= 0.683)



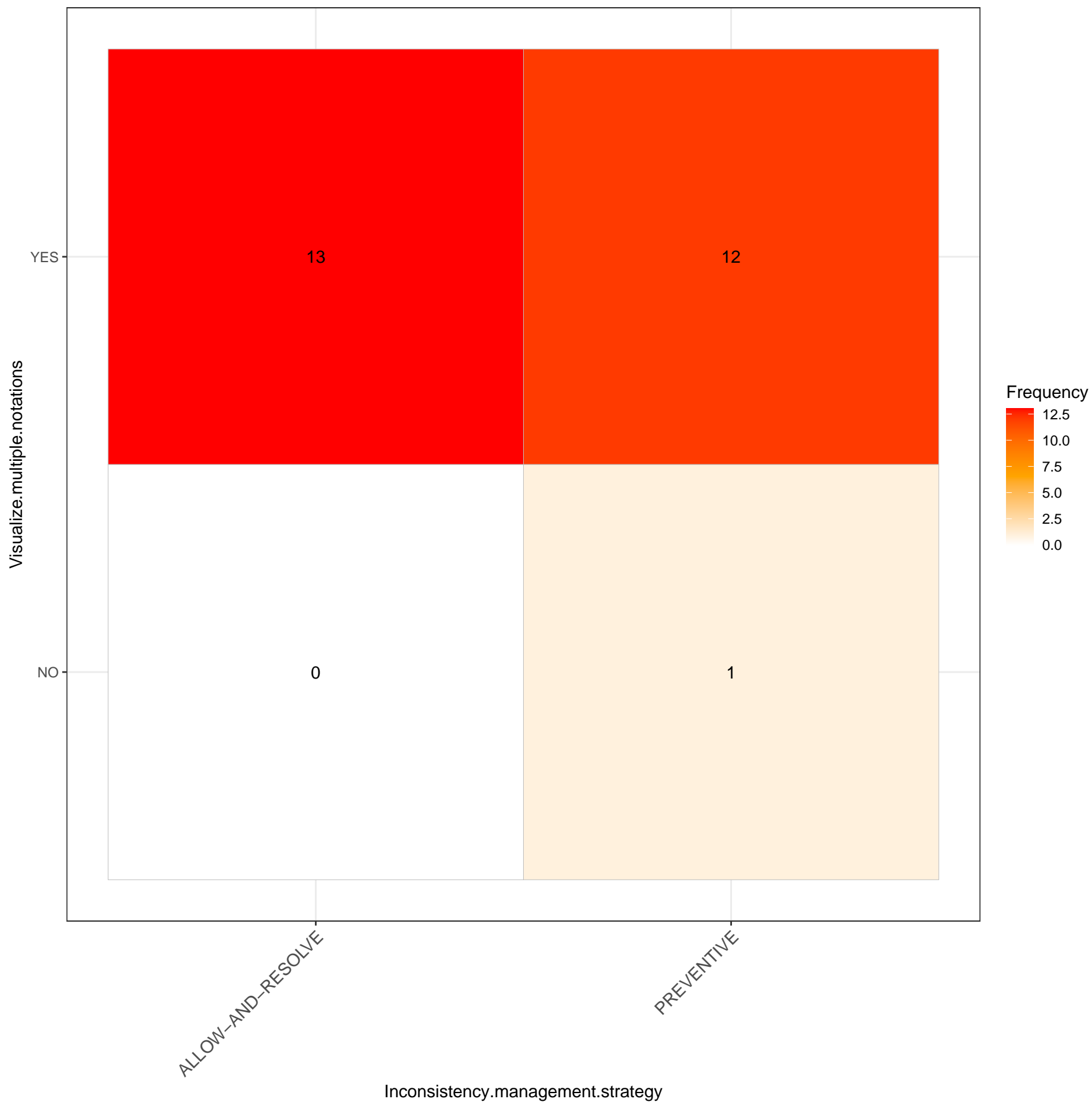
Visualize.multiple.notations____Collaboration.Binary (Chi sq w/ Yates p= 0.8738, p= 0.2337)



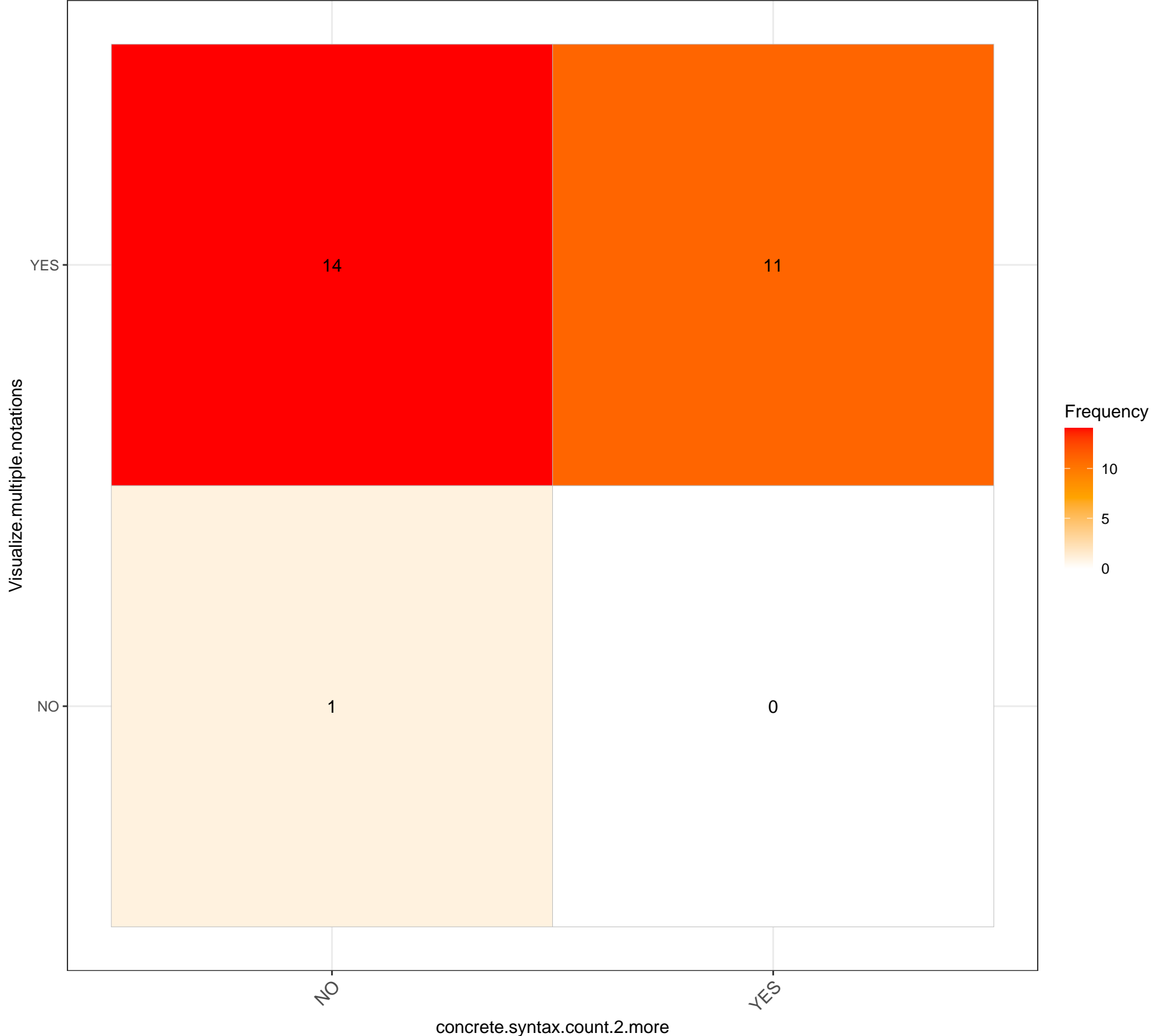
Visualize.multiple.notations_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.8738, p= 0.2337)



Visualize.multiple.notations_____Inconsistency.management.strategy (Chi sq w/ Yates p= 1, p= 0.3078)



Visualize.multiple.notations_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 1, p= 0.3825)



Synchronous.navigation_____Navigation.among.notations (Chi sq w/ Yates p= 0.0023, p= 4e-04)

Synchronous.navigation

YES

0

16

NO

6

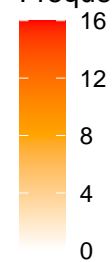
4

COMPLEX

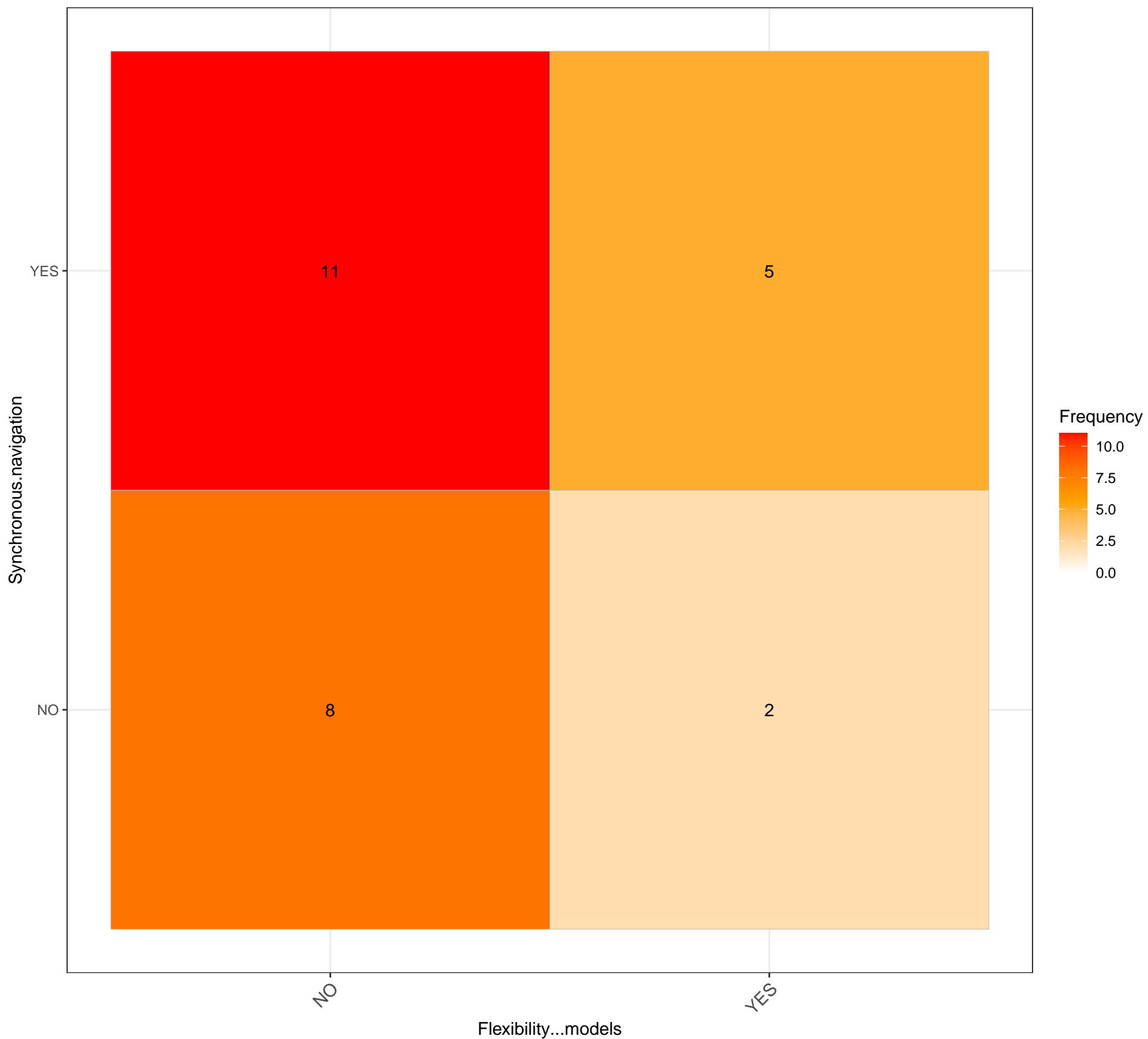
IMMEDIATE

Navigation.among.notations

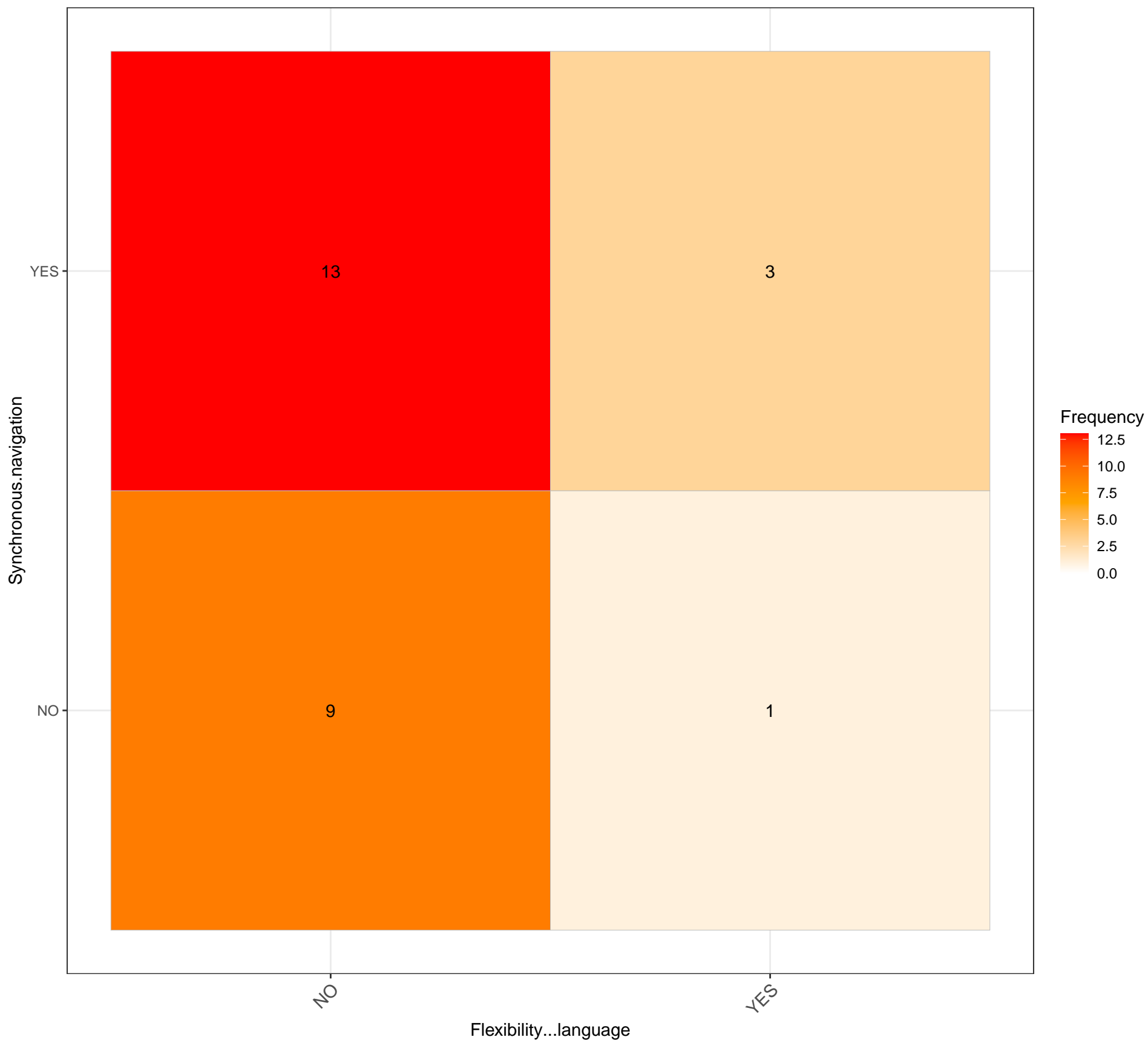
Frequency



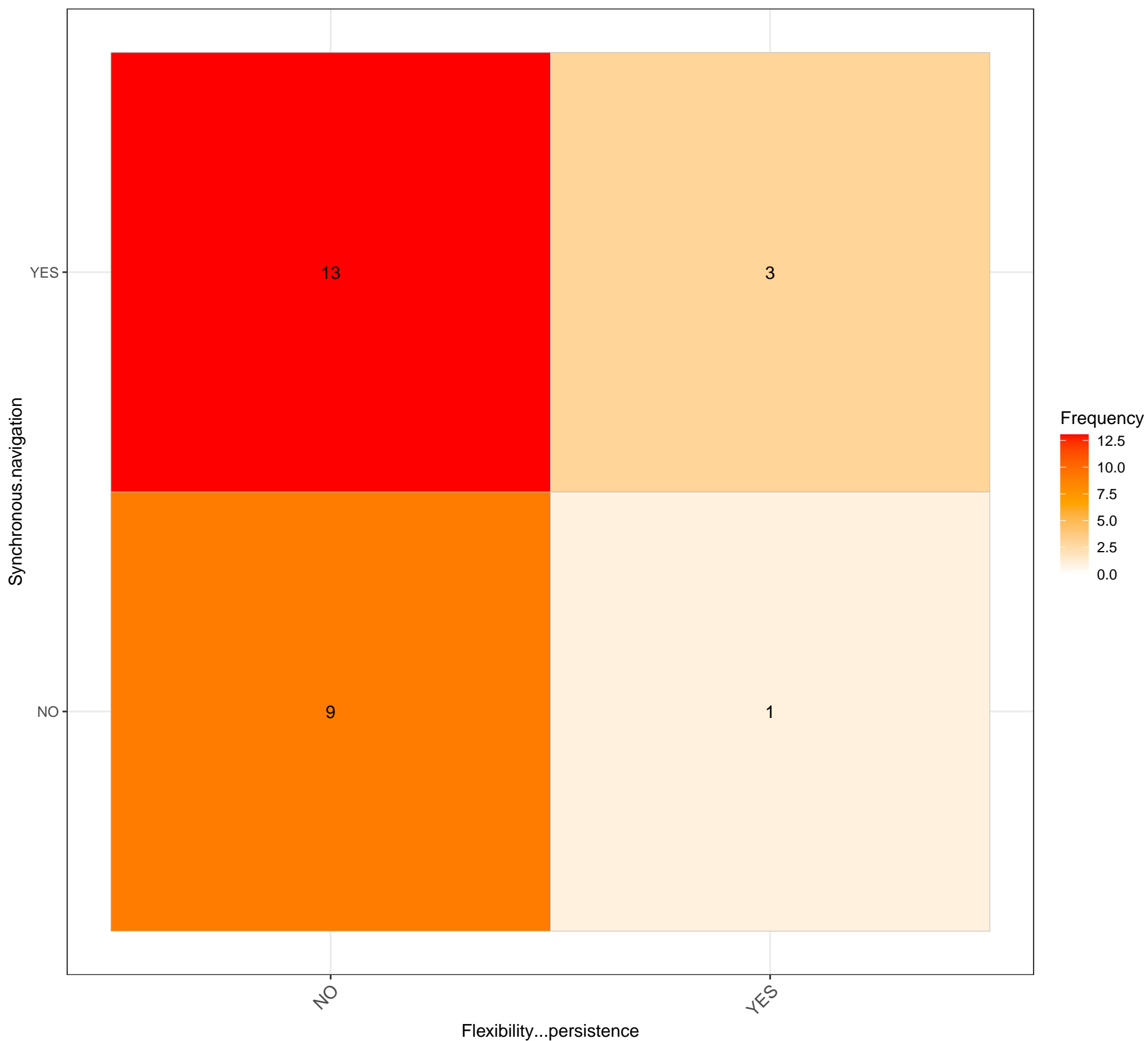
Synchronous.navigation_____Flexibility...models (Chi sq w/ Yates p= 0.8613, p= 0.5292)



Synchronous.navigation_____Flexibility...language (Chi sq w/ Yates p= 0.9657, p= 0.5474)



Synchronous.navigation____Flexibility...persistence (Chi sq w/ Yates p= 0.9657, p= 0.5474)



Synchronous.navigation_____Mapping (Chi sq w/ Yates p= 1, p= 0.6061)

Synchronous.navigation

YES

14

2

NO

8

2

PARSER-BASE

PROJECTIONAL

Mapping

Frequency

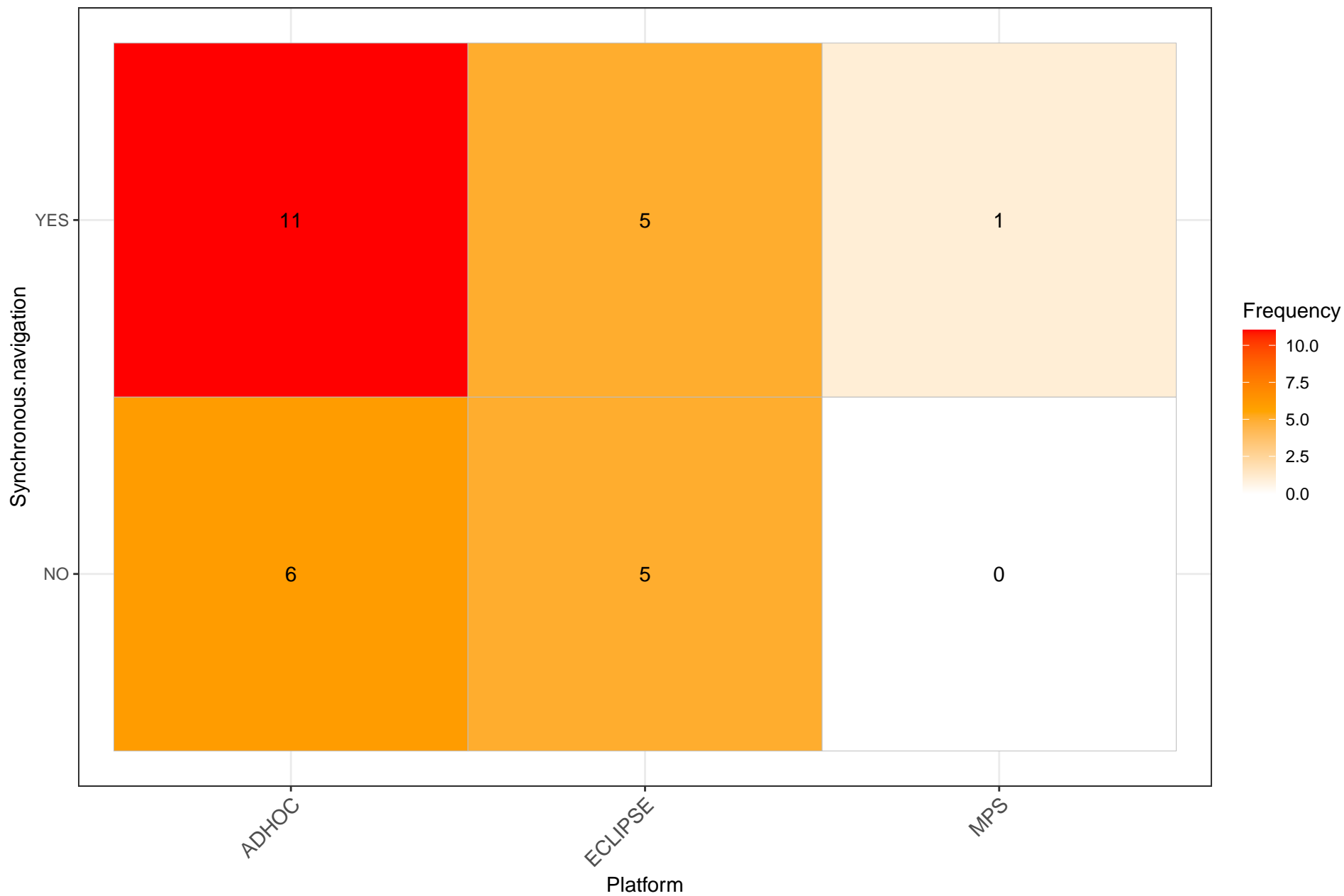
10

5

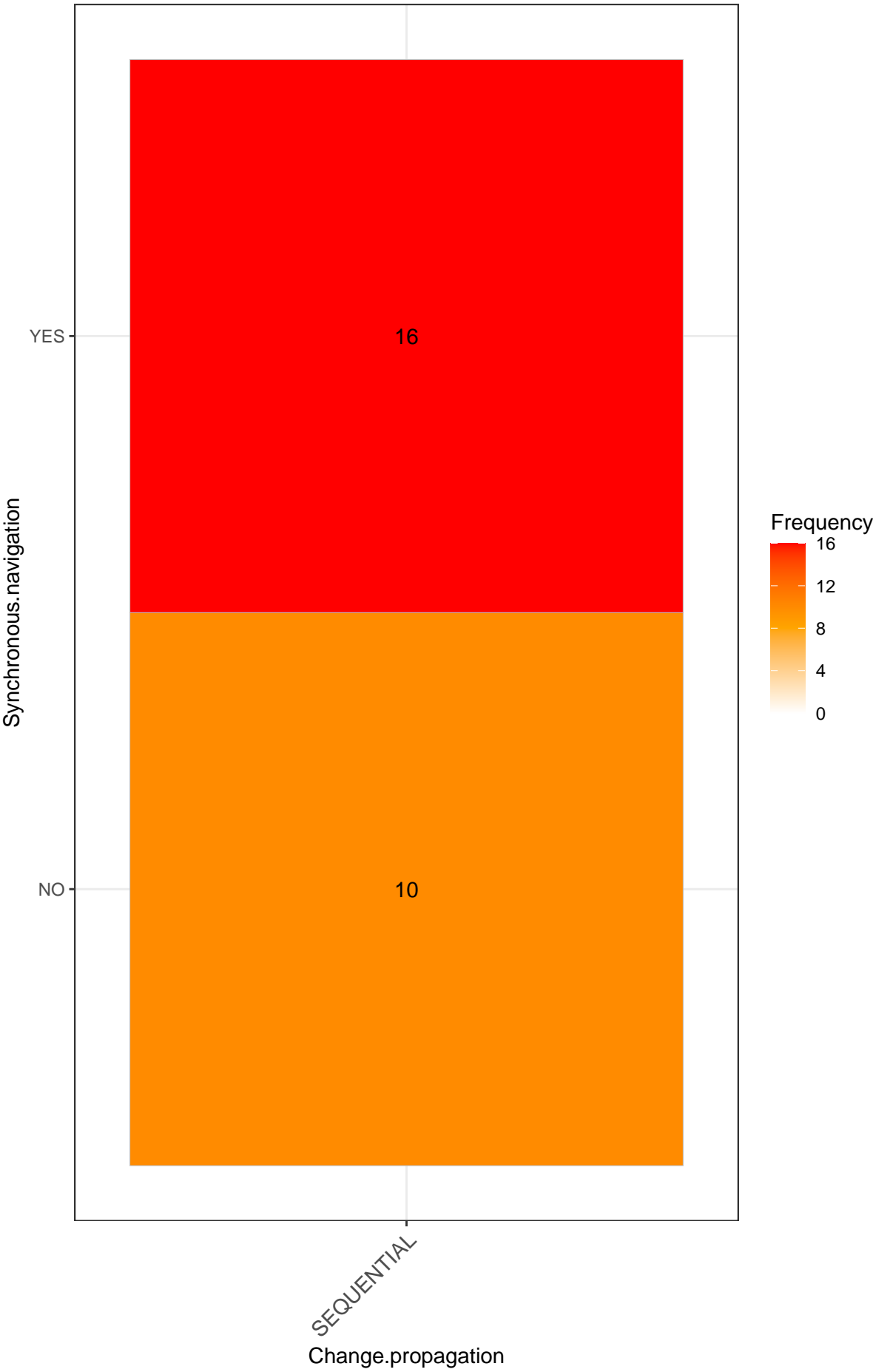
0



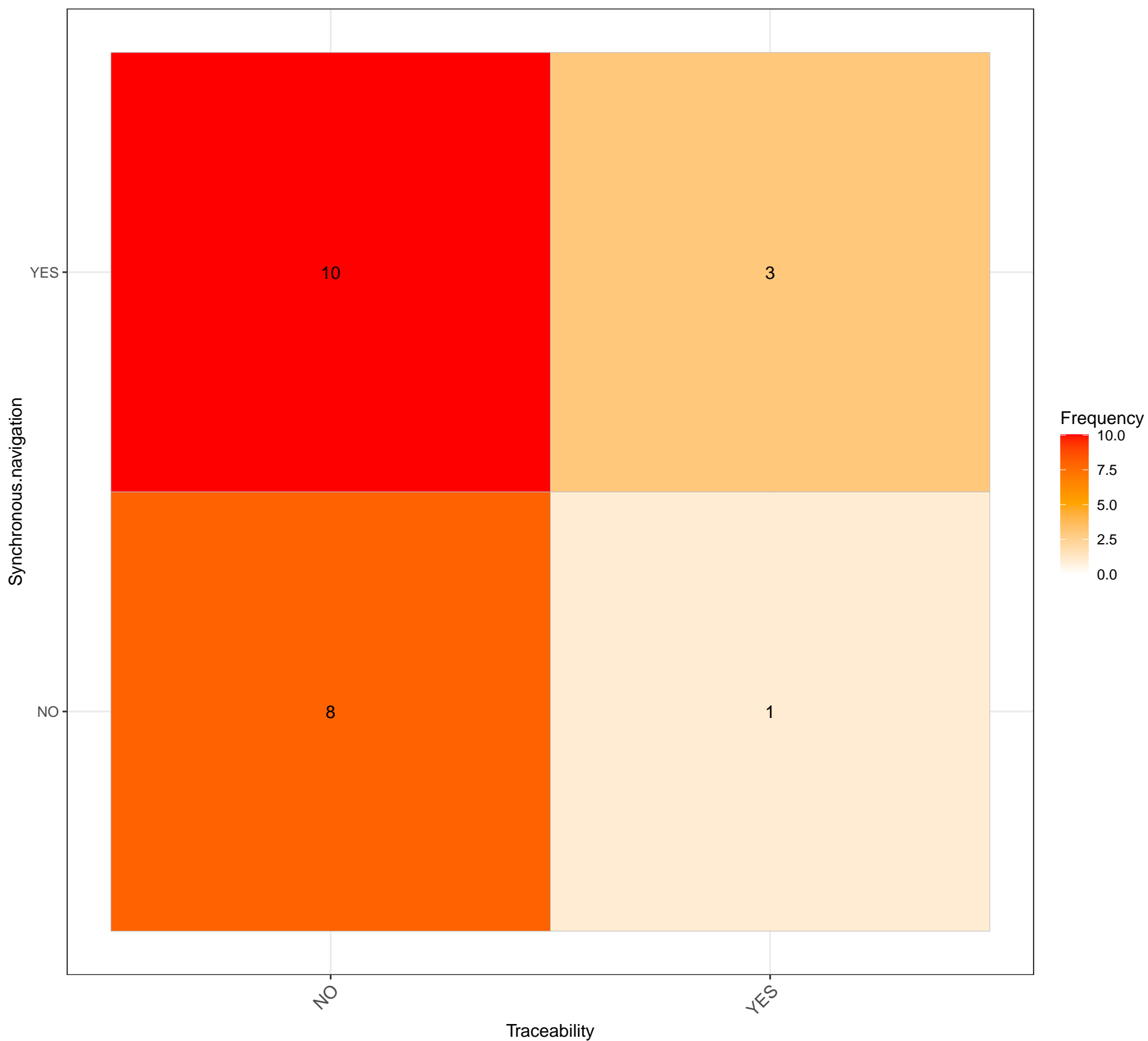
Synchronous.navigation_____Platform (Chi sq w/ Yates p= 0.5374, p= 0.5374)



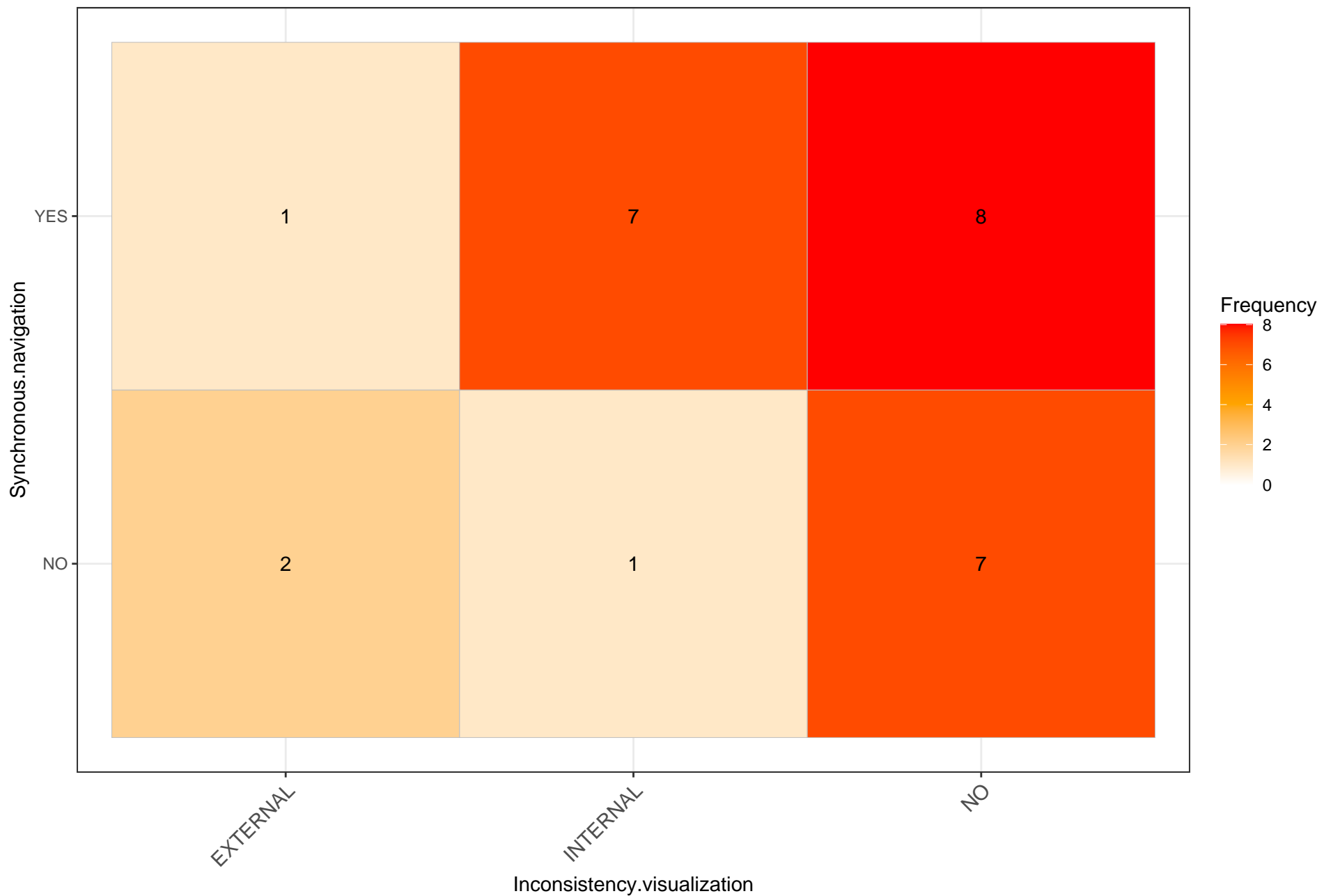
Synchronous.navigation_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



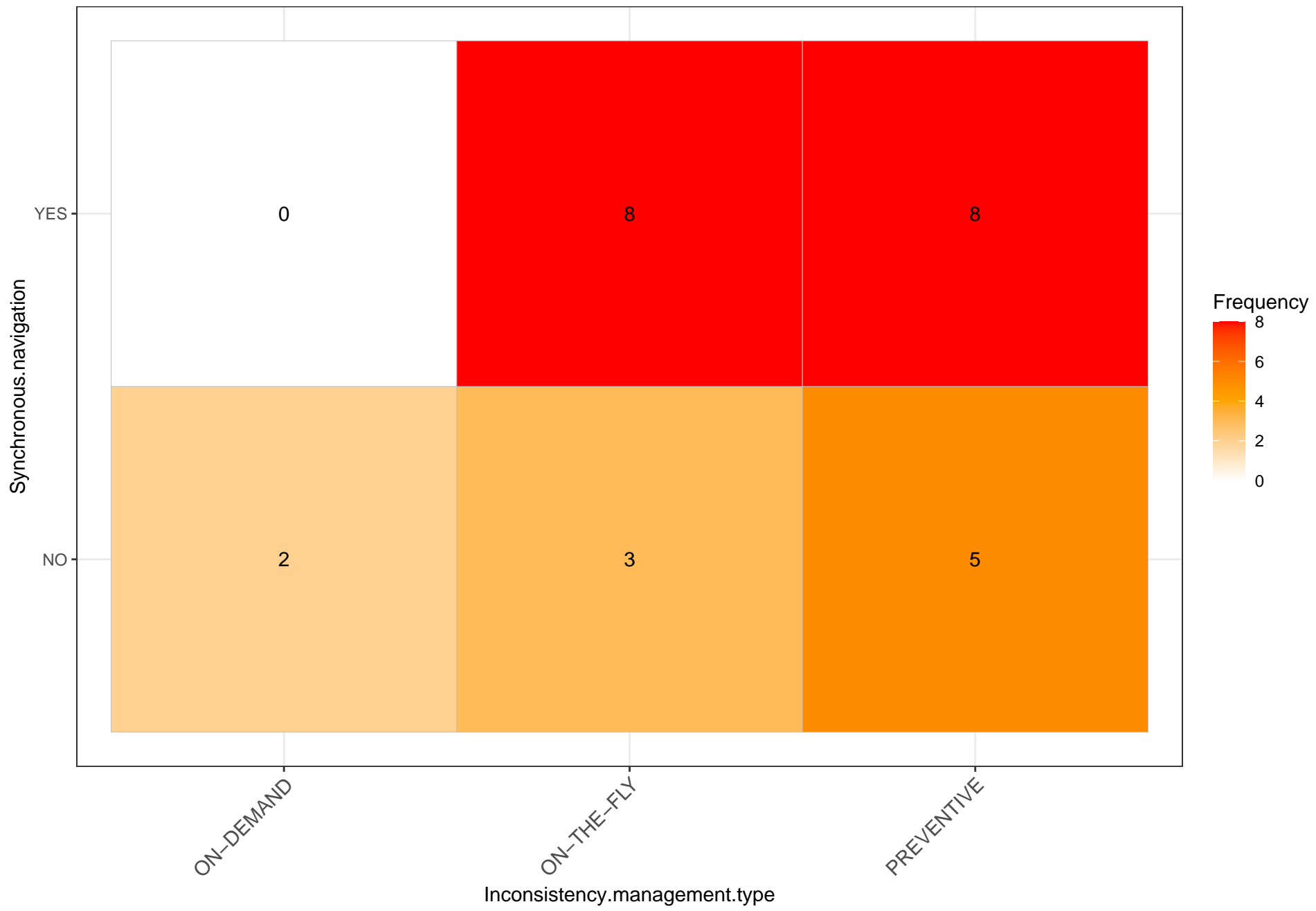
Synchronous.navigation_____Traceability (Chi sq w/ Yates p= 0.8782, p= 0.4743)



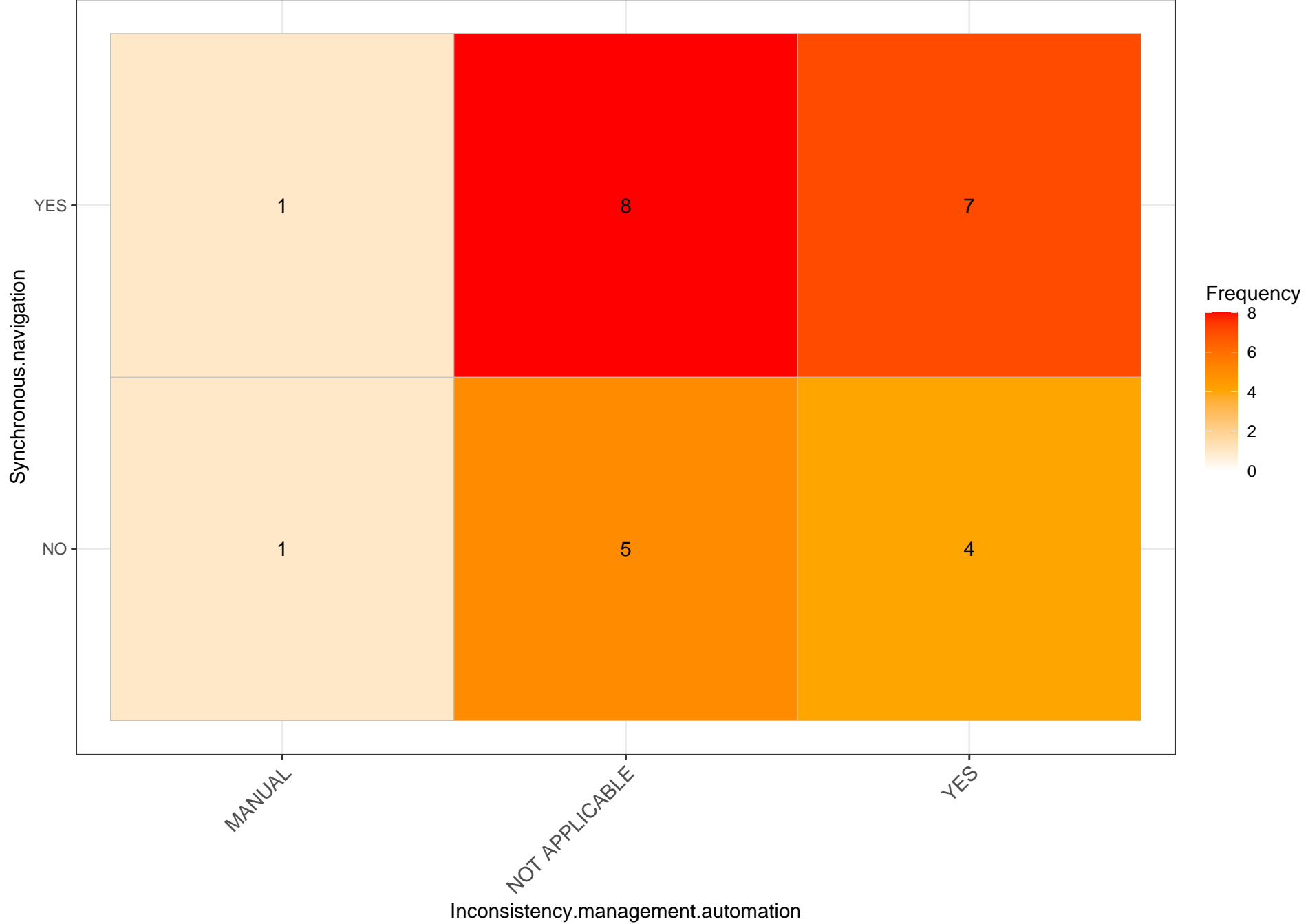
Synchronous.navigation_____Inconsistency.visualization (Chi sq w/ Yates p= 0.1562, p= 0.1562)



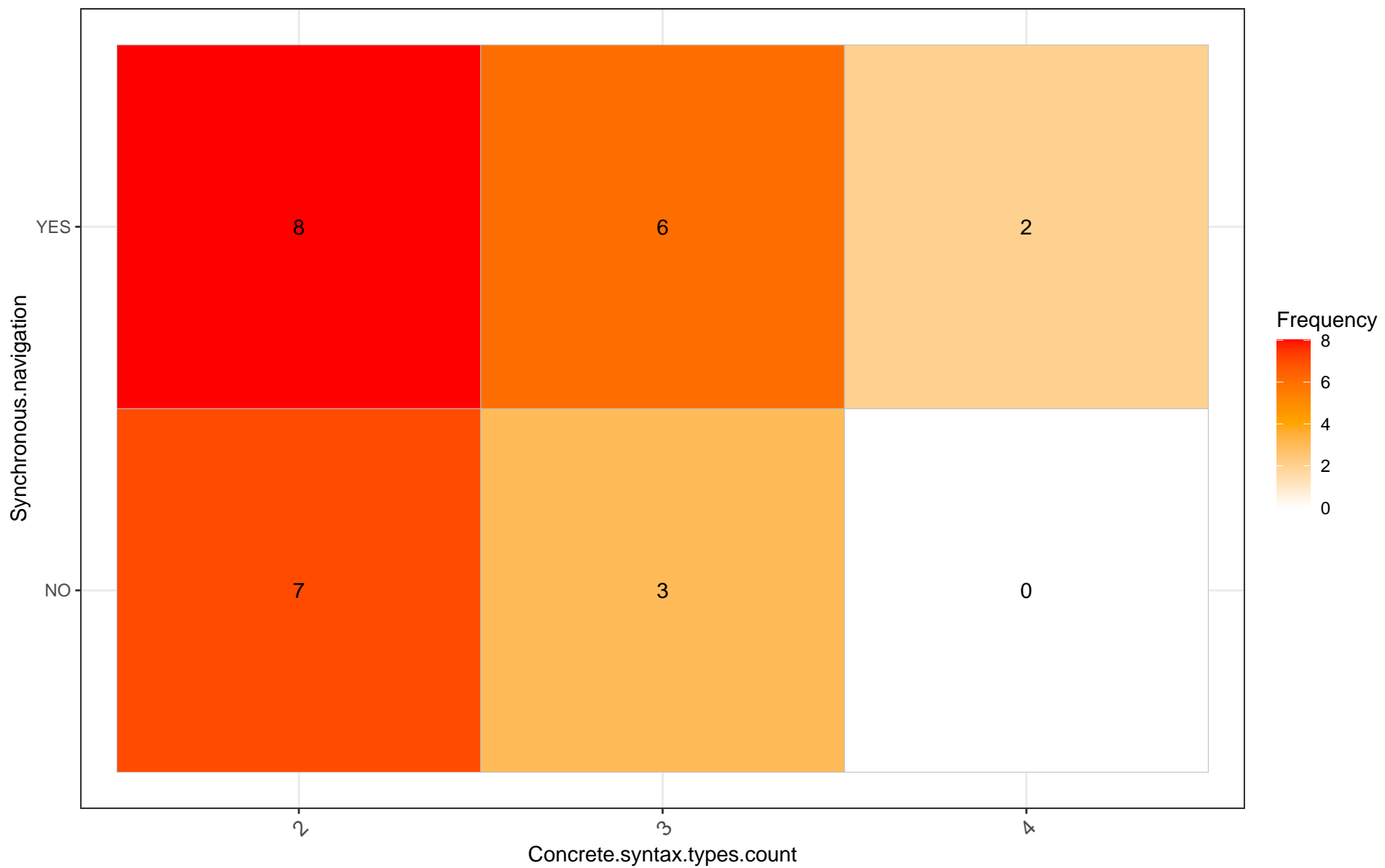
Synchronous.navigation_____Inconsistency.management.type (Chi sq w/ Yates p= 0.1509, p= 0.1509)



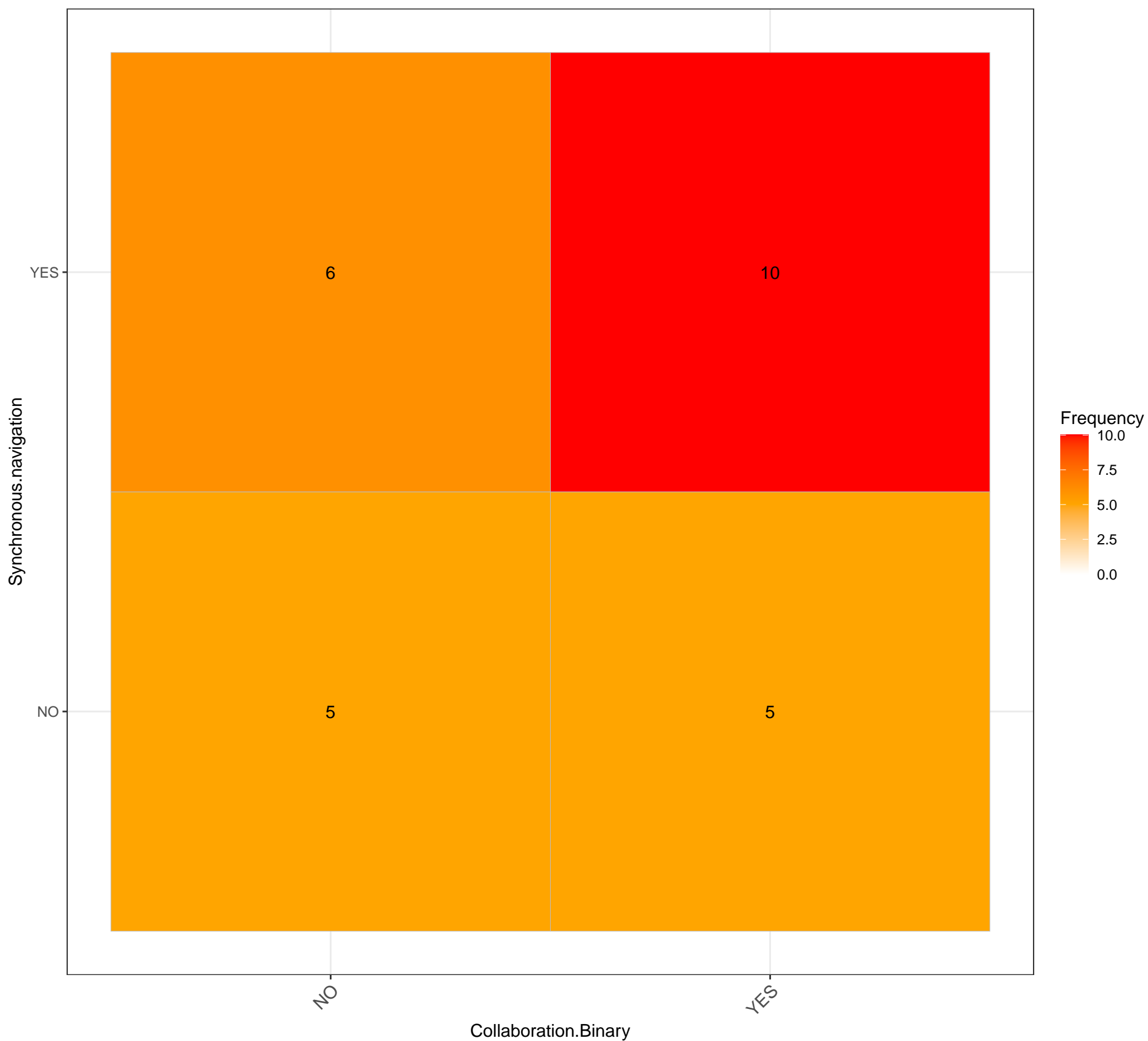
Synchronous.navigation_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.9357, p= 0.9357)



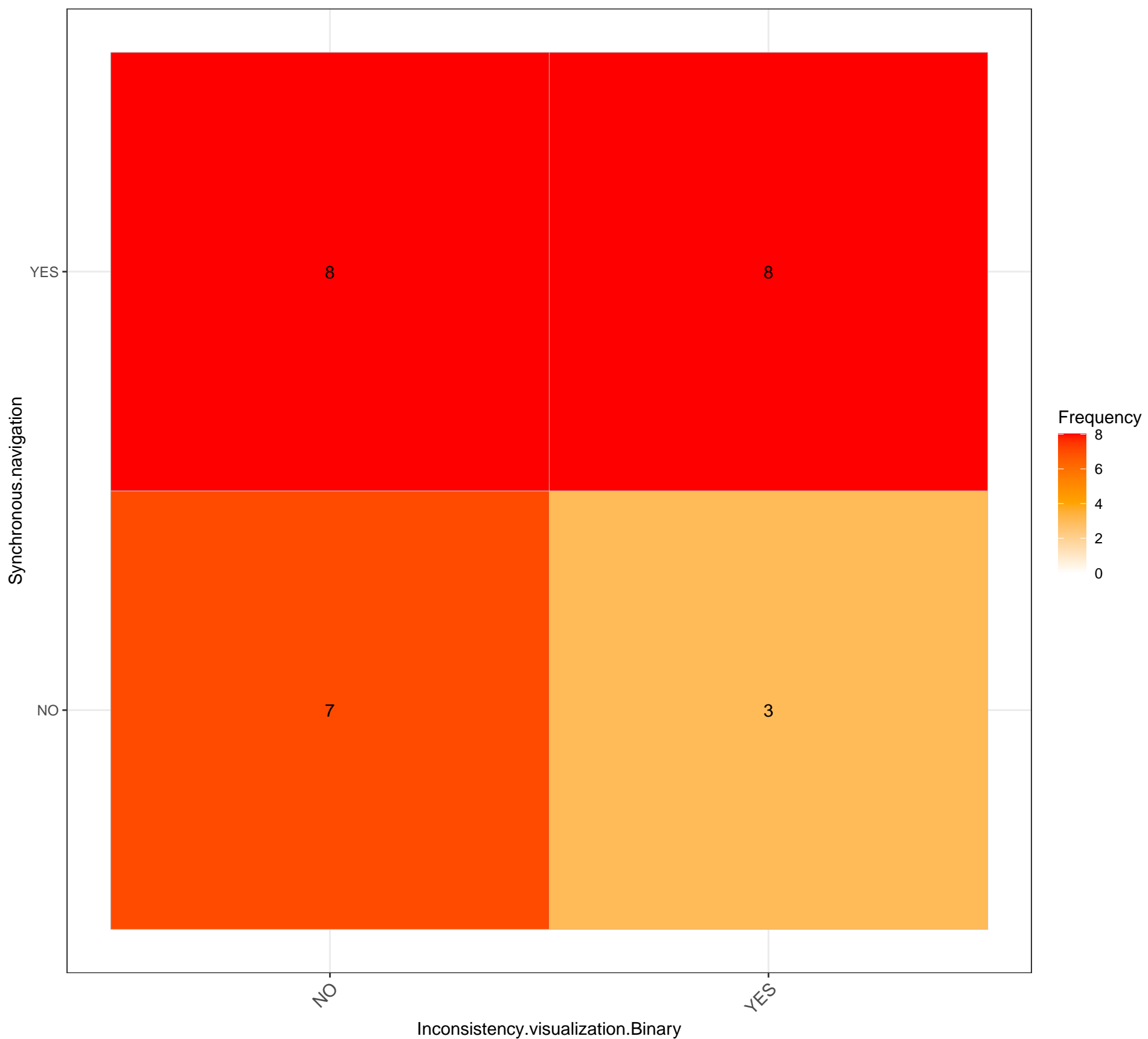
Synchronous.navigation_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.4113, p= 0.4113)



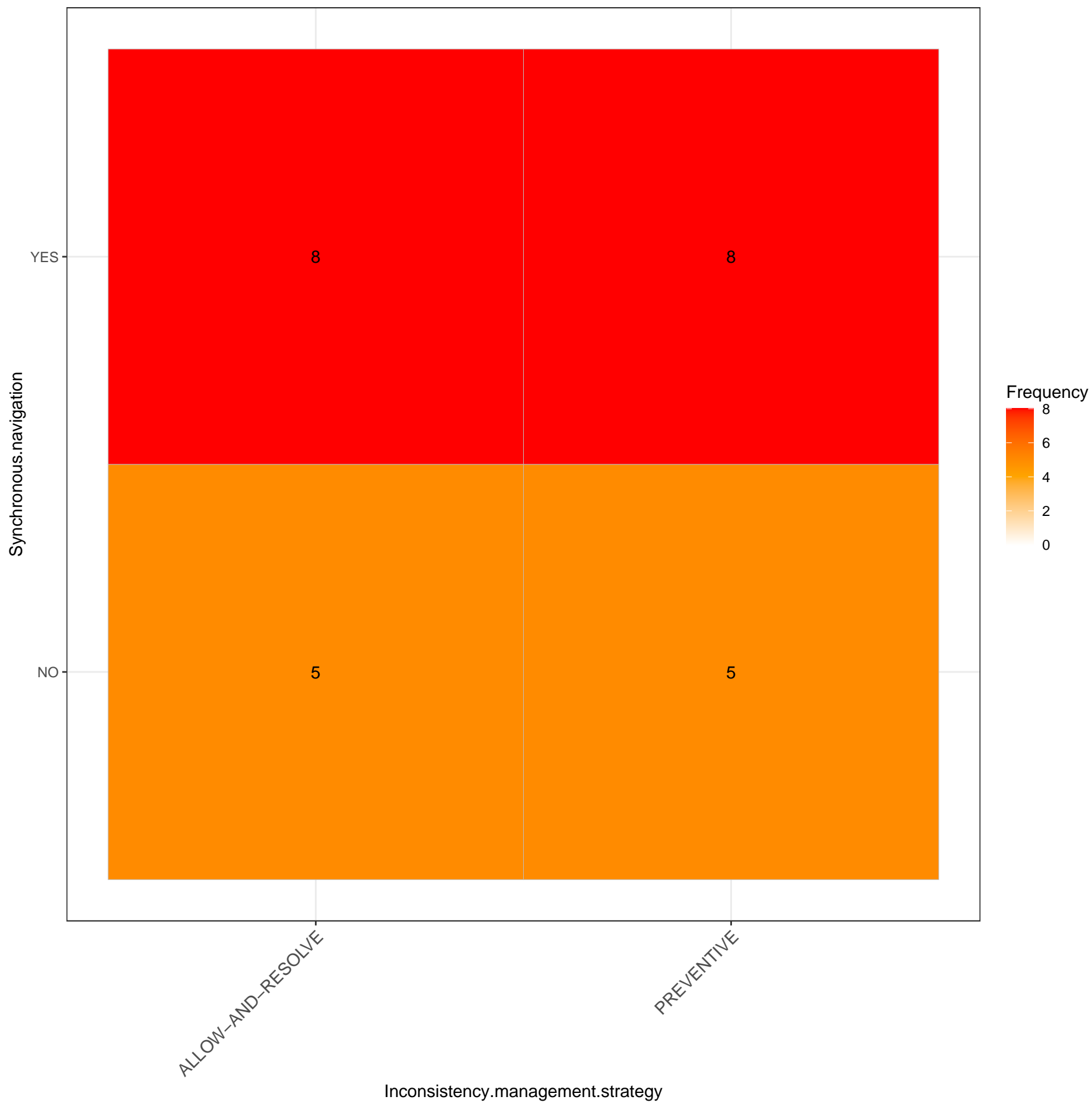
Synchronous.navigation____Collaboration.Binary (Chi sq w/ Yates p= 0.8261, p= 0.5302)



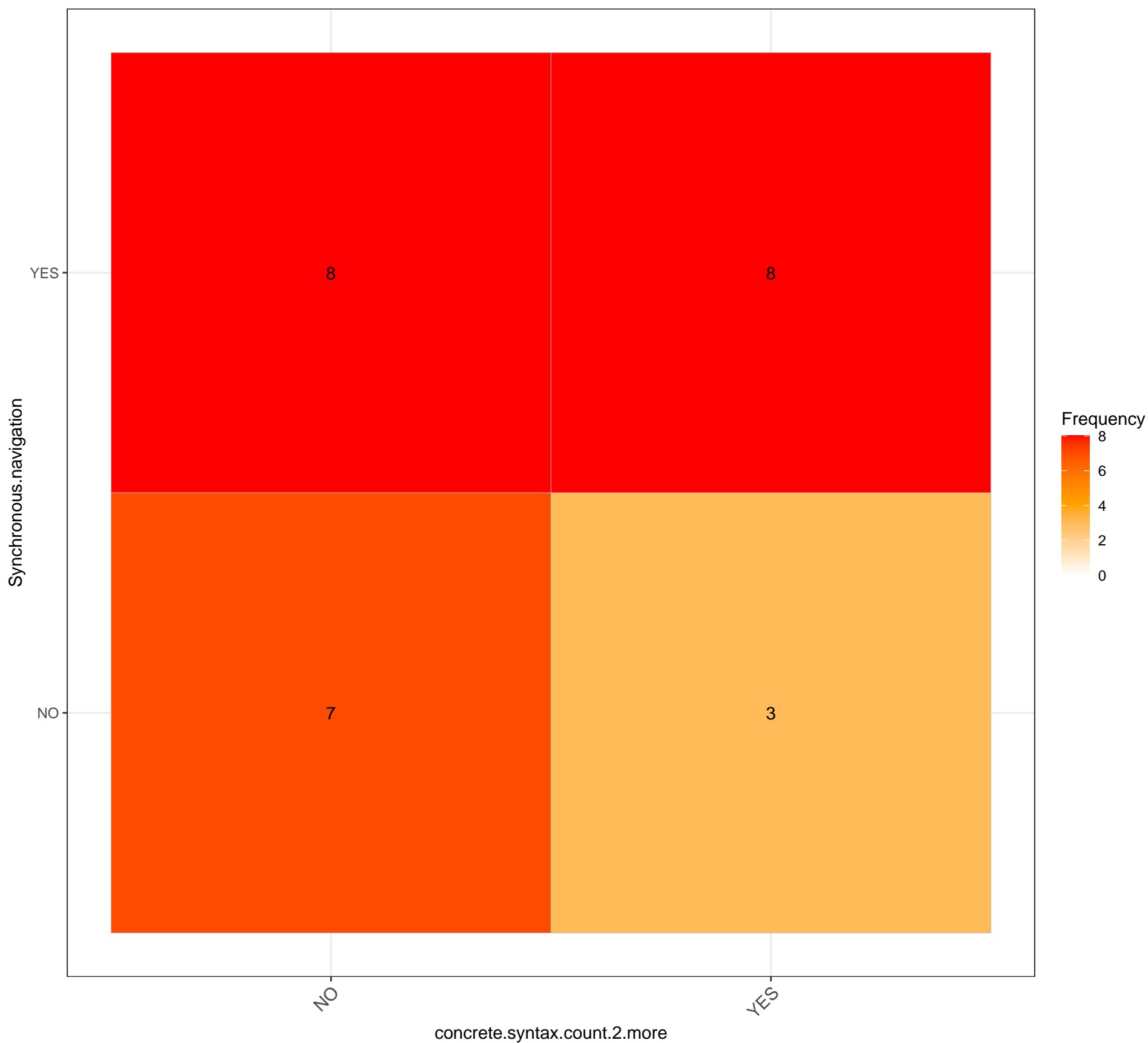
Synchronous.navigation_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.551, p= 0.3153)



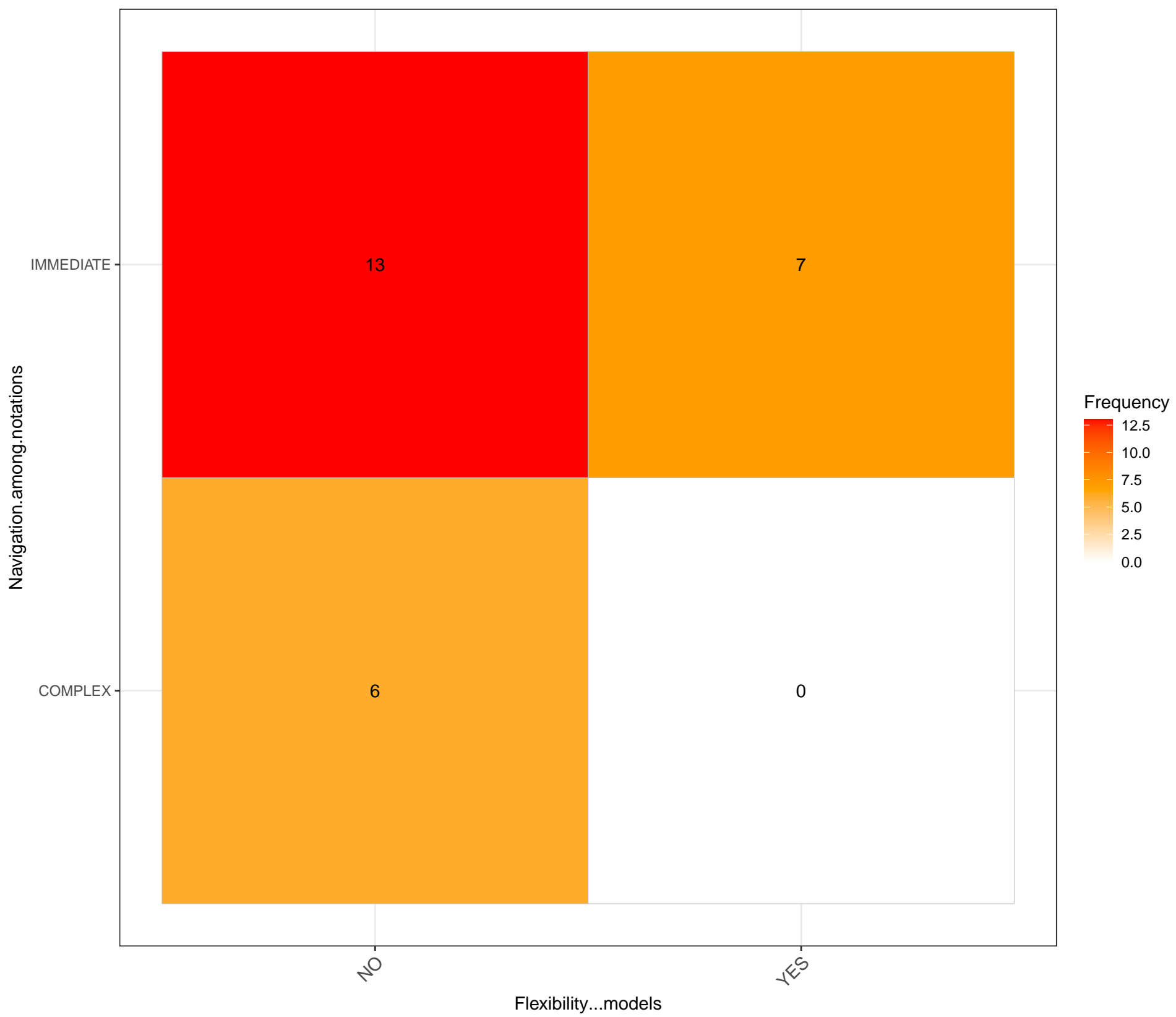
Synchronous.navigation_____Inconsistency.management.strategy (Chi sq w/ Yates p= 1, p= 1)



Synchronous.navigation____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.551, p= 0.3153)



Navigation.among.notations_____Flexibility...models (Chi sq w/ Yates p= 0.2418, p= 0.09)



Navigation.among.notations_____Flexibility...language (Chi sq w/ Yates p= 1, p= 0.9209)

Navigation.among.notations

IMMEDIATE

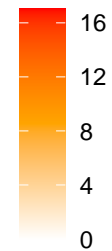
COMPLEX

NO

YES

Flexibility...language

Frequency



17

3

5

1

Navigation.among.notations_____Flexibility...persistence (Chi sq w/ Yates p= 0.5852, p= 0.2337)

Navigation.among.notations

IMMEDIATE

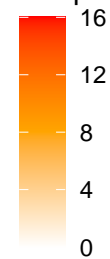
COMPLEX

NO

YES

Flexibility...persistence

Frequency



16

4

6

0

Navigation.among.notations_____Mapping (Chi sq w/ Yates p= 1, p= 0.9209)

Navigation.among.notations

IMMEDIATE

17

3

COMPLEX

5

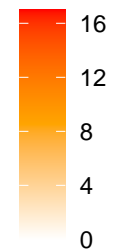
1

PARSER-BASE

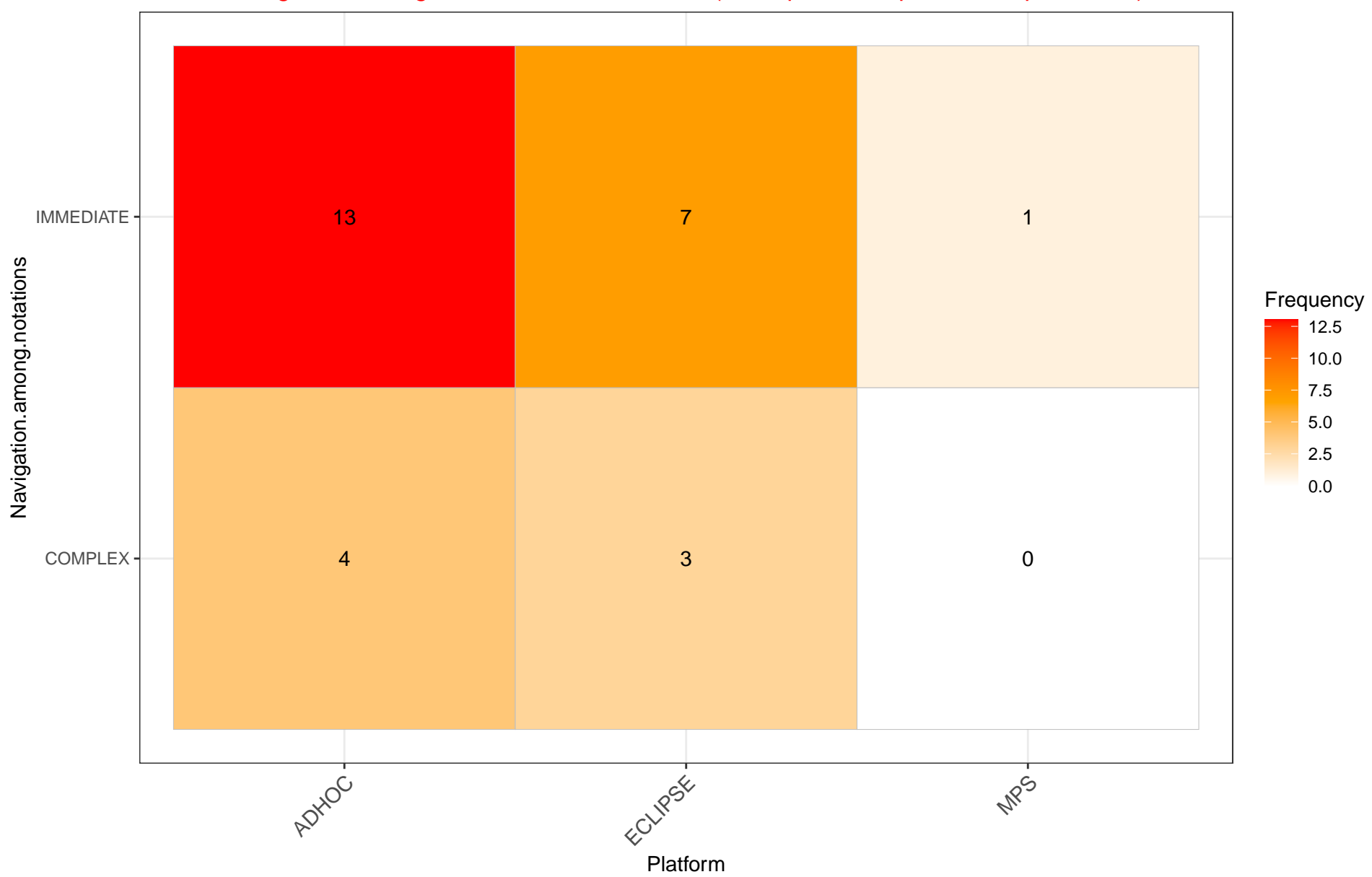
PROJECTIONAL

Mapping

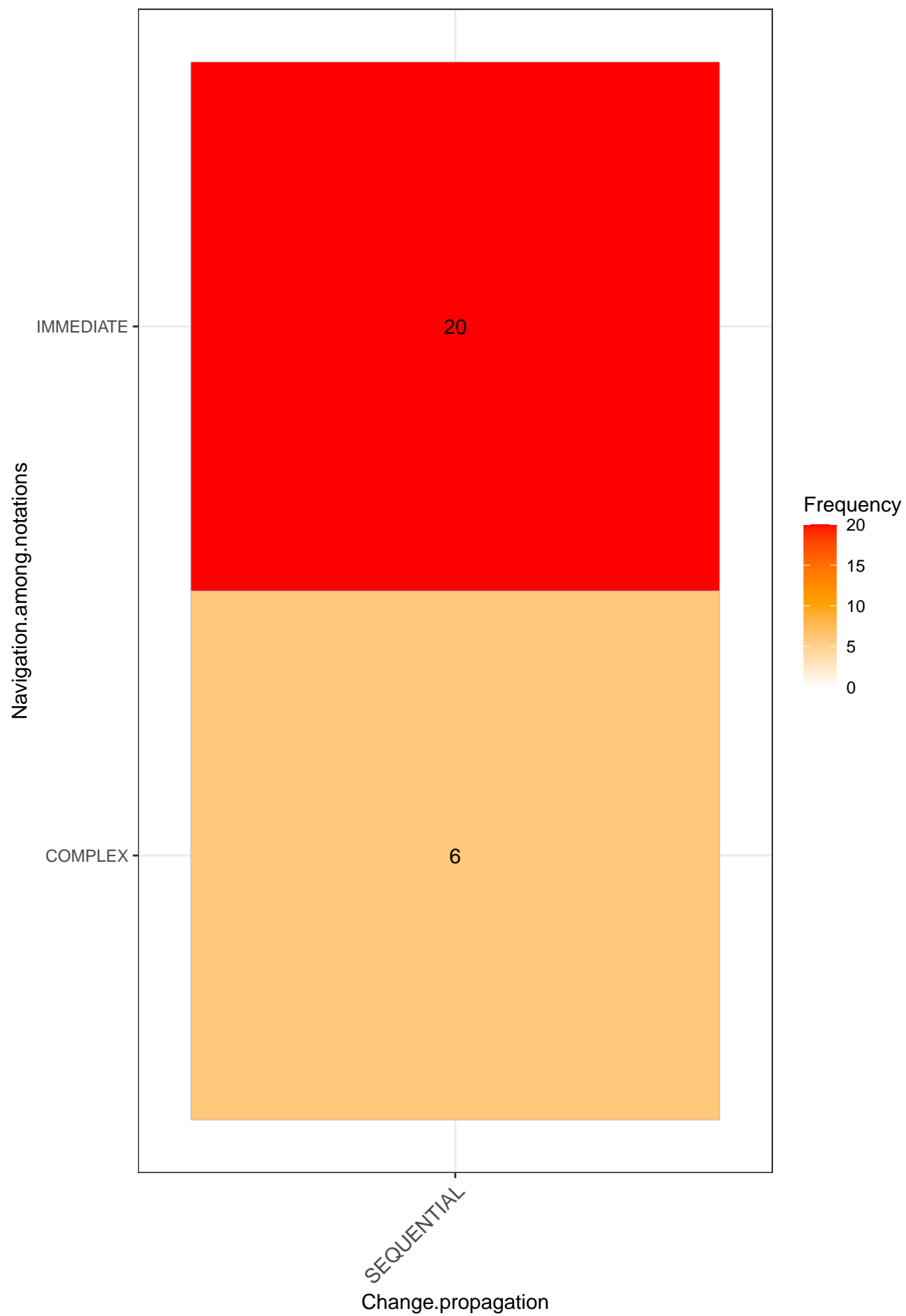
Frequency



Navigation.among.notations_____Platform (Chi sq w/ Yates p= 0.7842, p= 0.7842)



Navigation.among.notations_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



Navigation.among.notations_____Traceability (Chi sq w/ Yates p= 1, p= 0.9102)

Navigation.among.notations

IMMEDIATE

13

3

COMPLEX

5

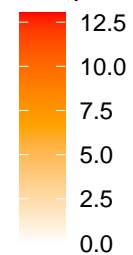
1

NO

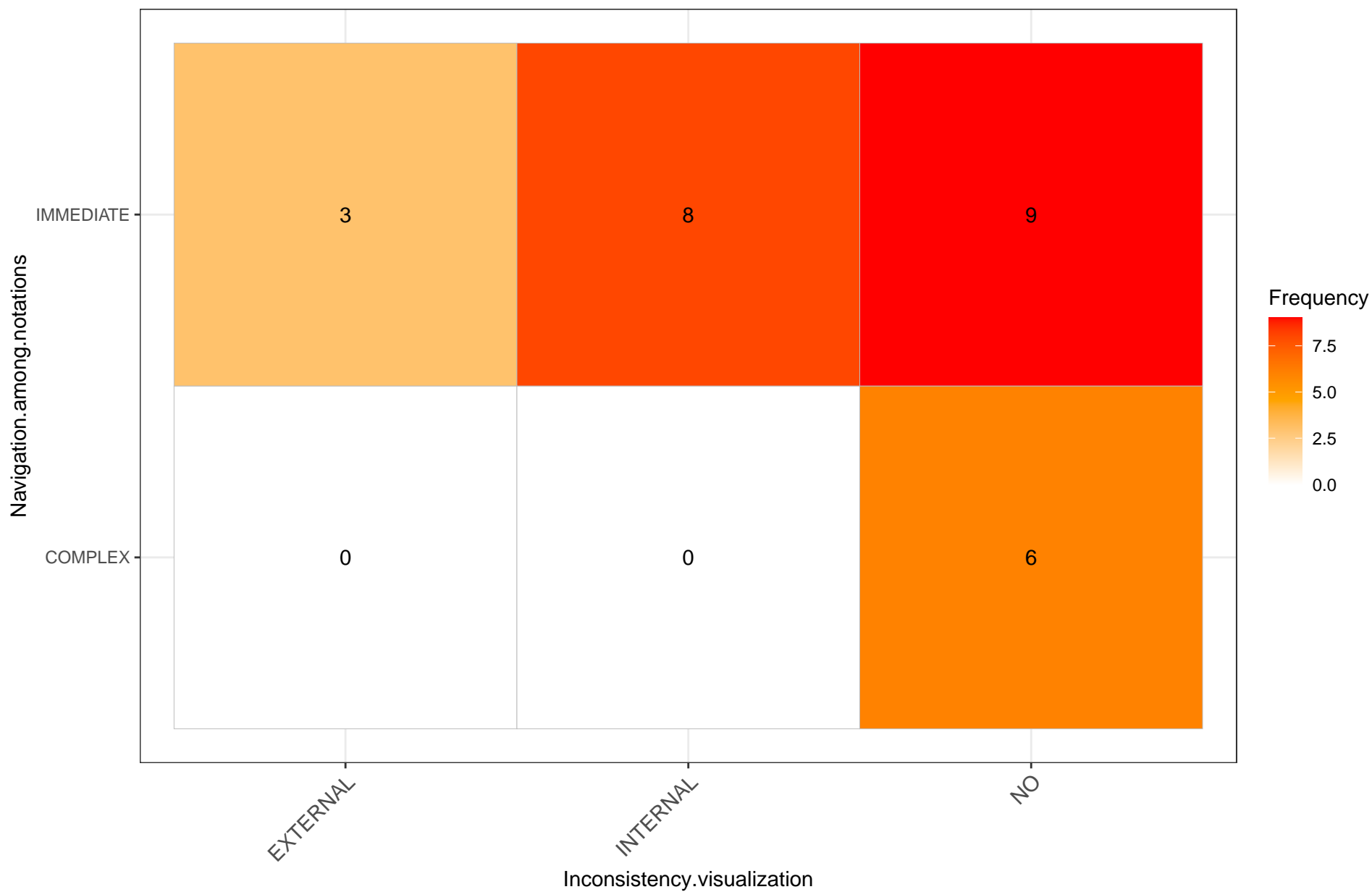
YES

Traceability

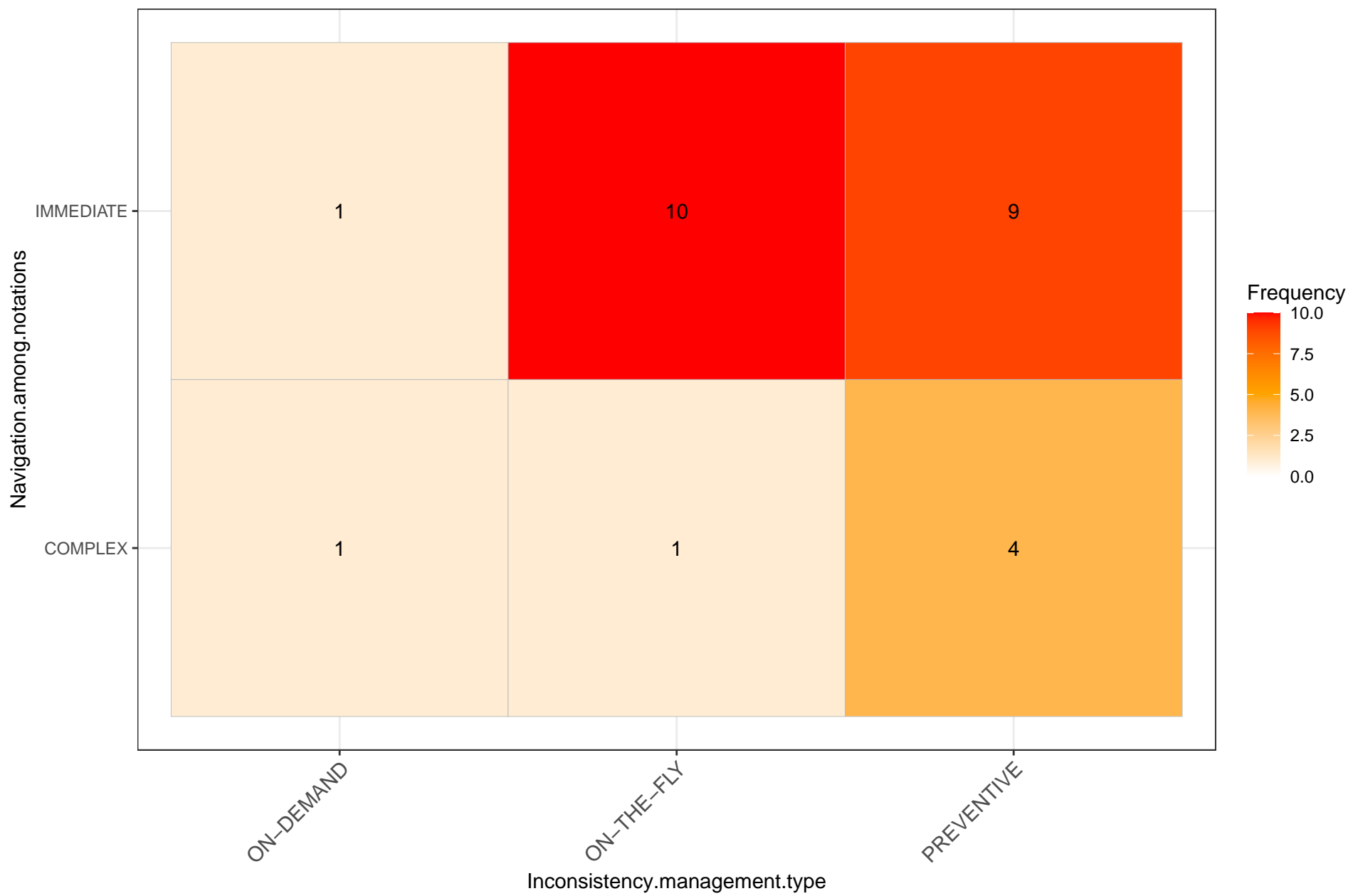
Frequency



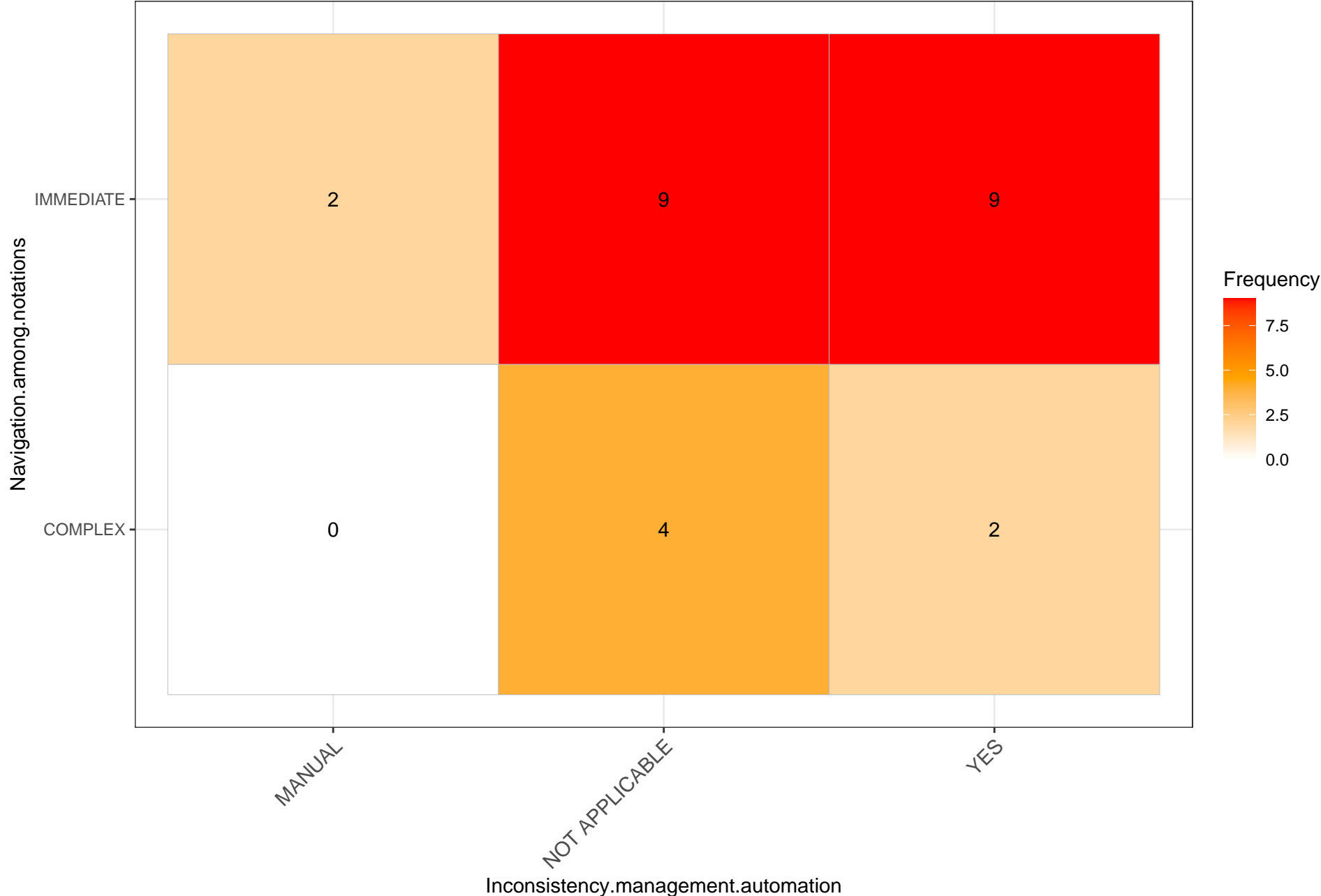
Navigation.among.notations_____Inconsistency.visualization (Chi sq w/ Yates p= 0.0573, p= 0.0573)



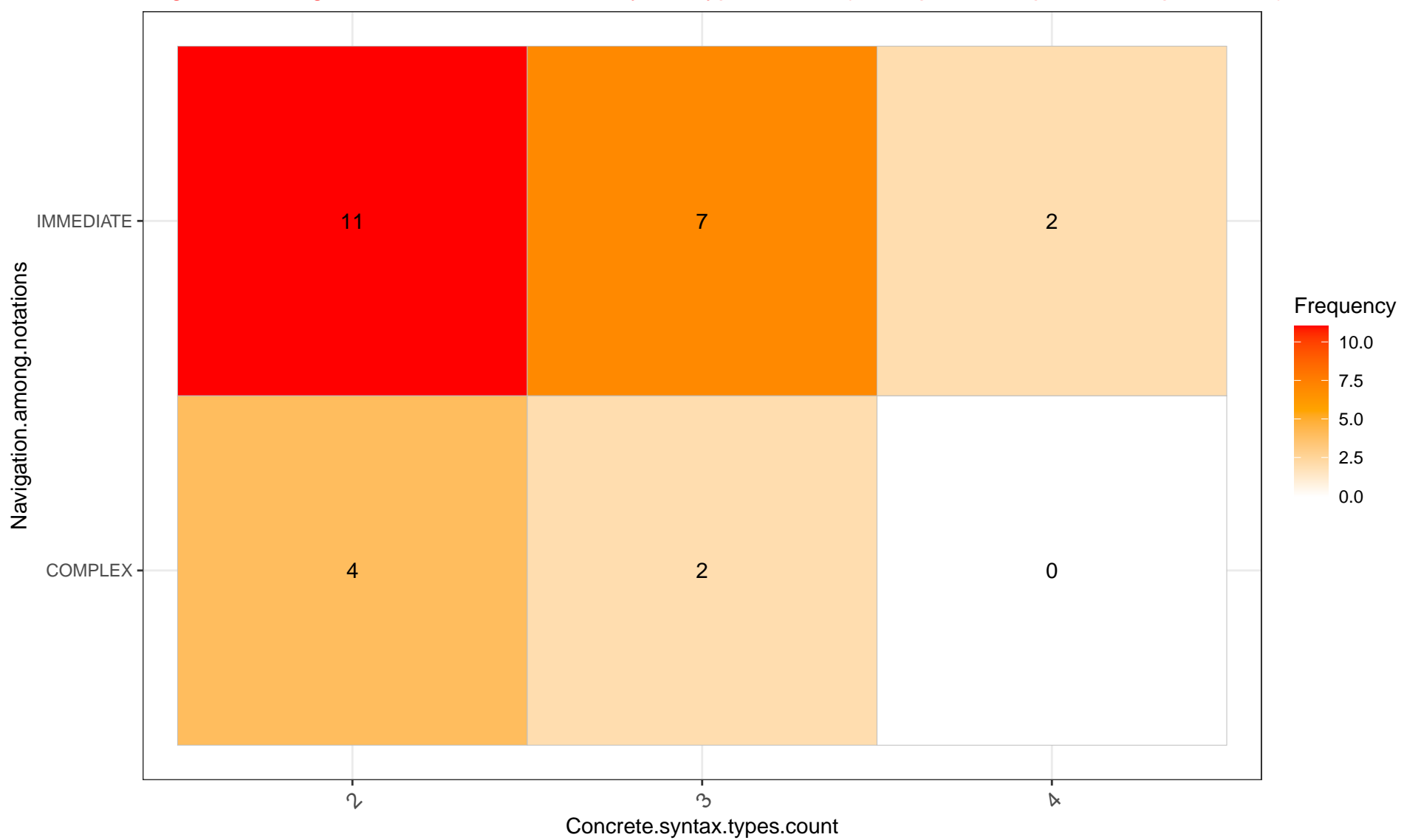
Navigation.among.notations_____Inconsistency.management.type (Chi sq w/ Yates p= 0.292, p= 0.292)



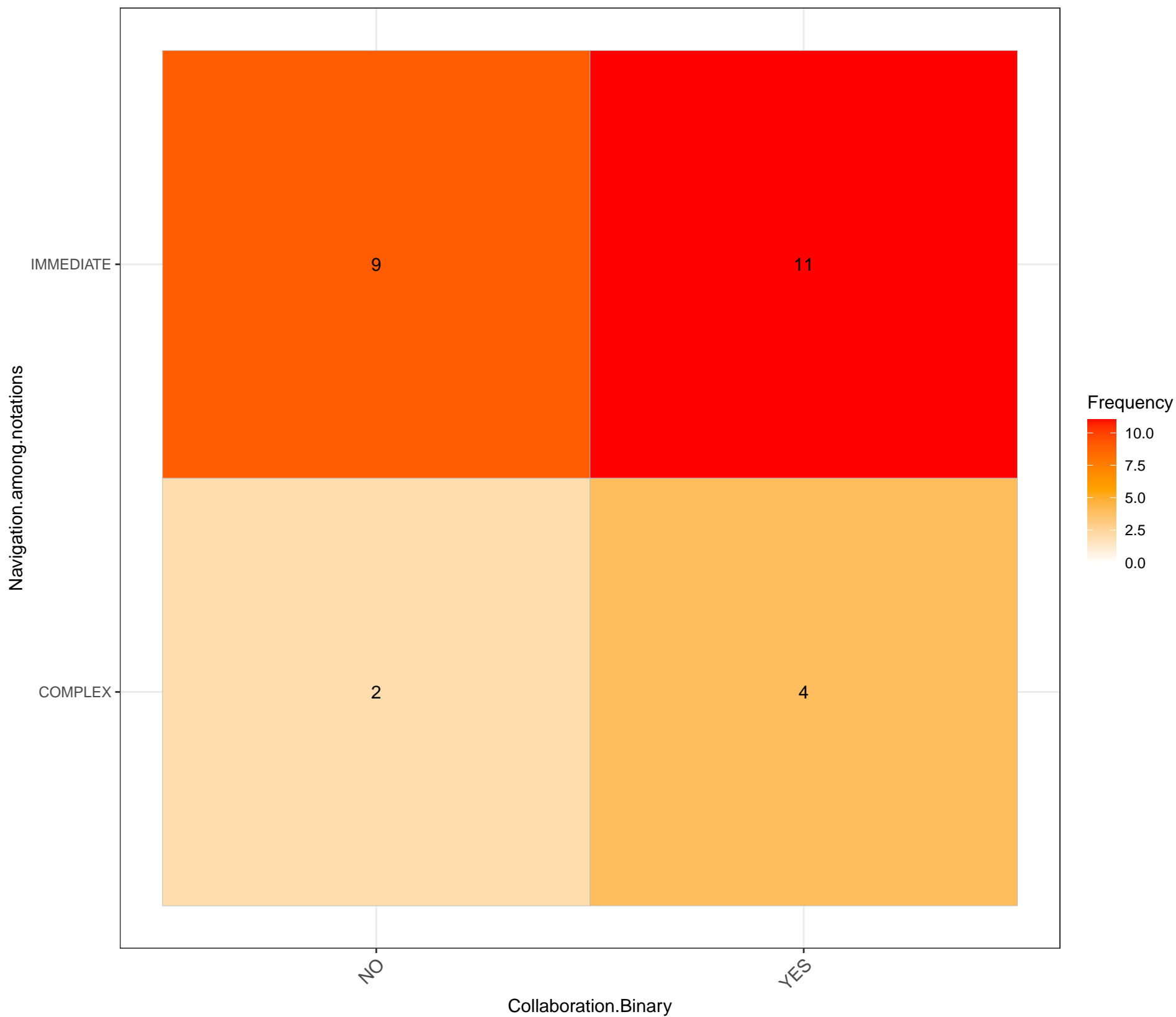
Navigation.among.notations____Inconsistency.management.automation (Chi sq w/ Yates p= 0.5538, p= 0.5538)



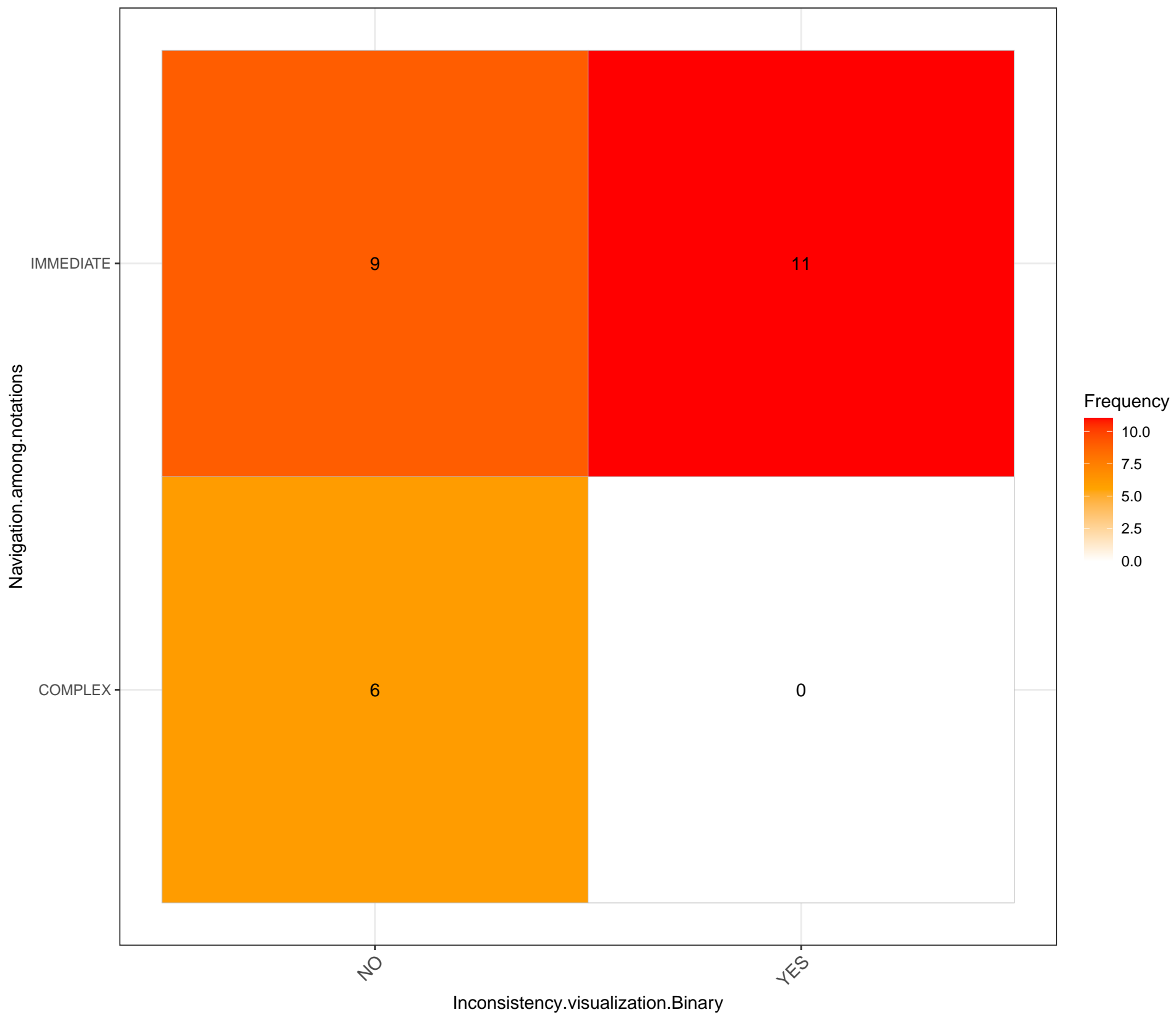
Navigation.among.notations_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.7003, p= 0.7003)



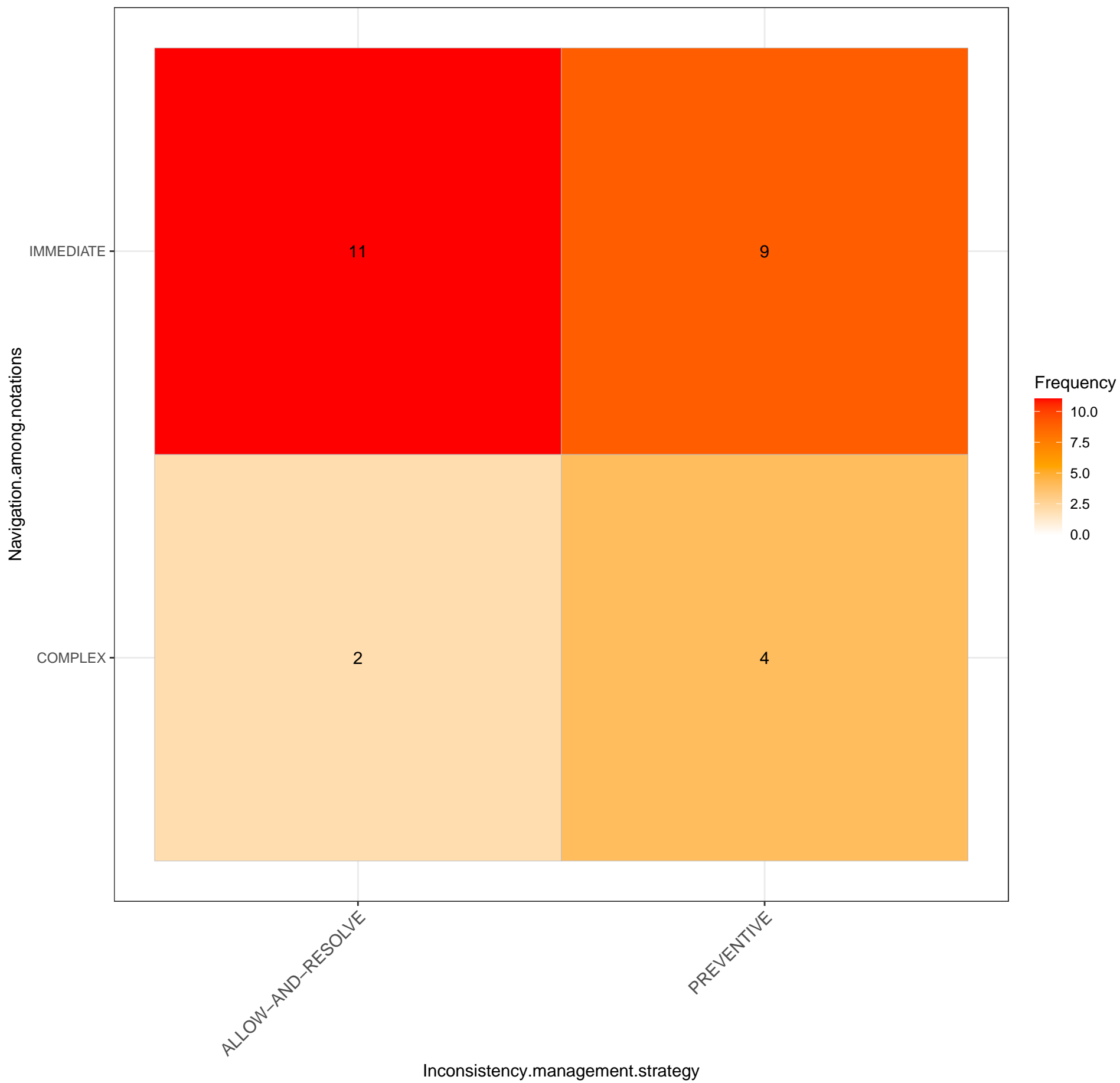
Navigation.among.notations_____Collaboration.Binary (Chi sq w/ Yates p= 0.9711, p= 0.6119)



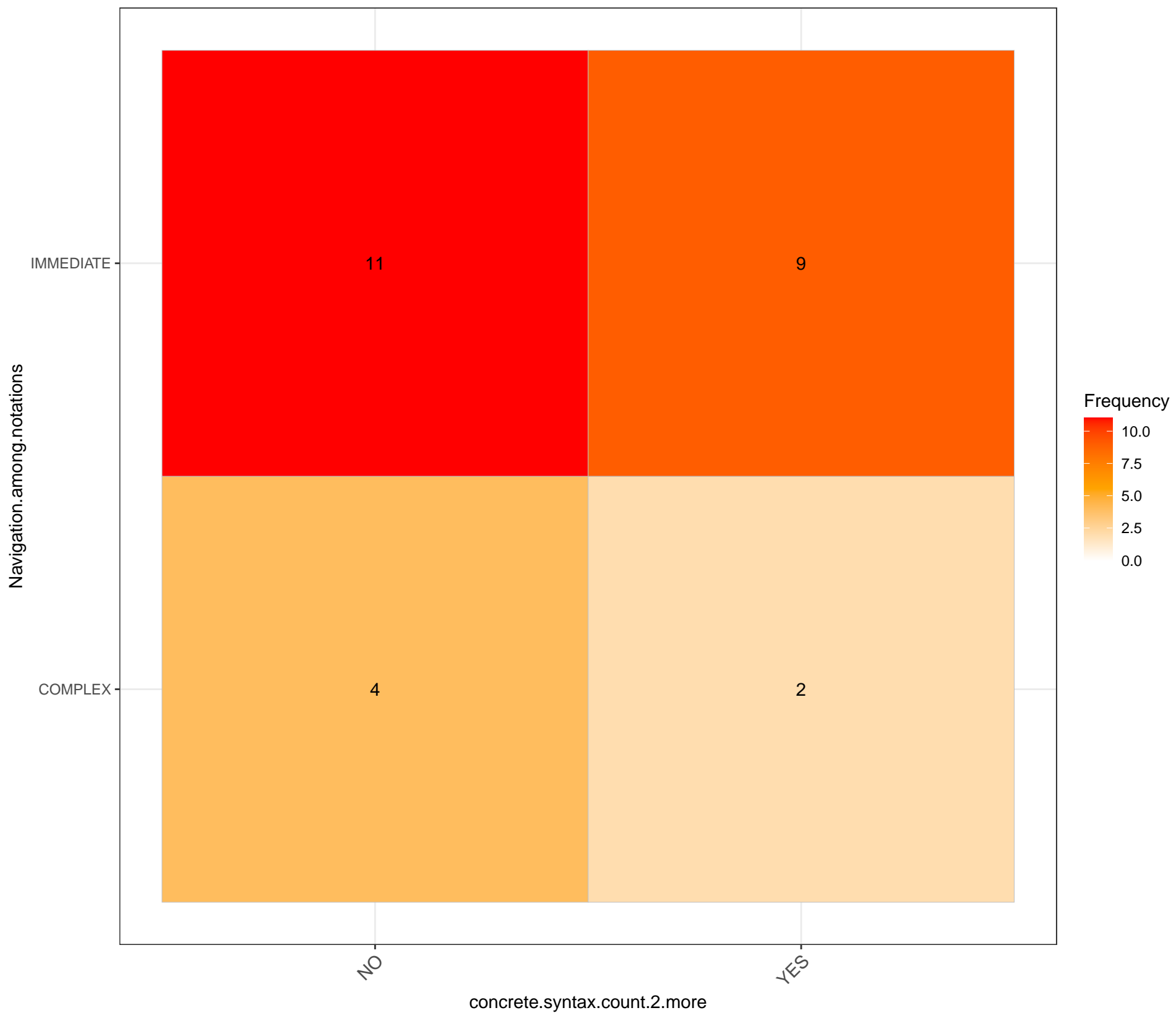
Navigation.among.notations_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.0548, p= 0.0168)



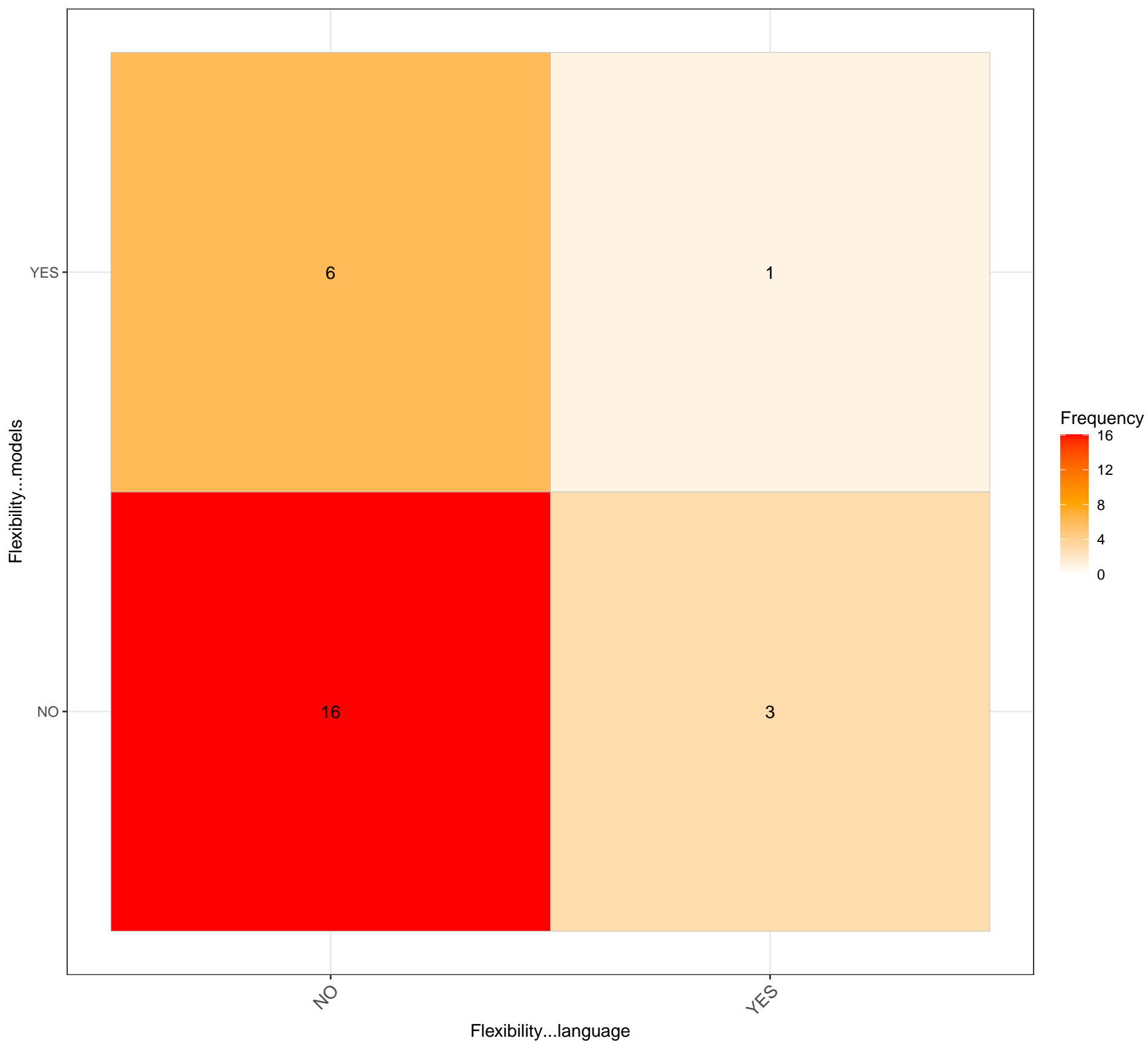
Navigation.among.notations_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.6416, p= 0.3519)



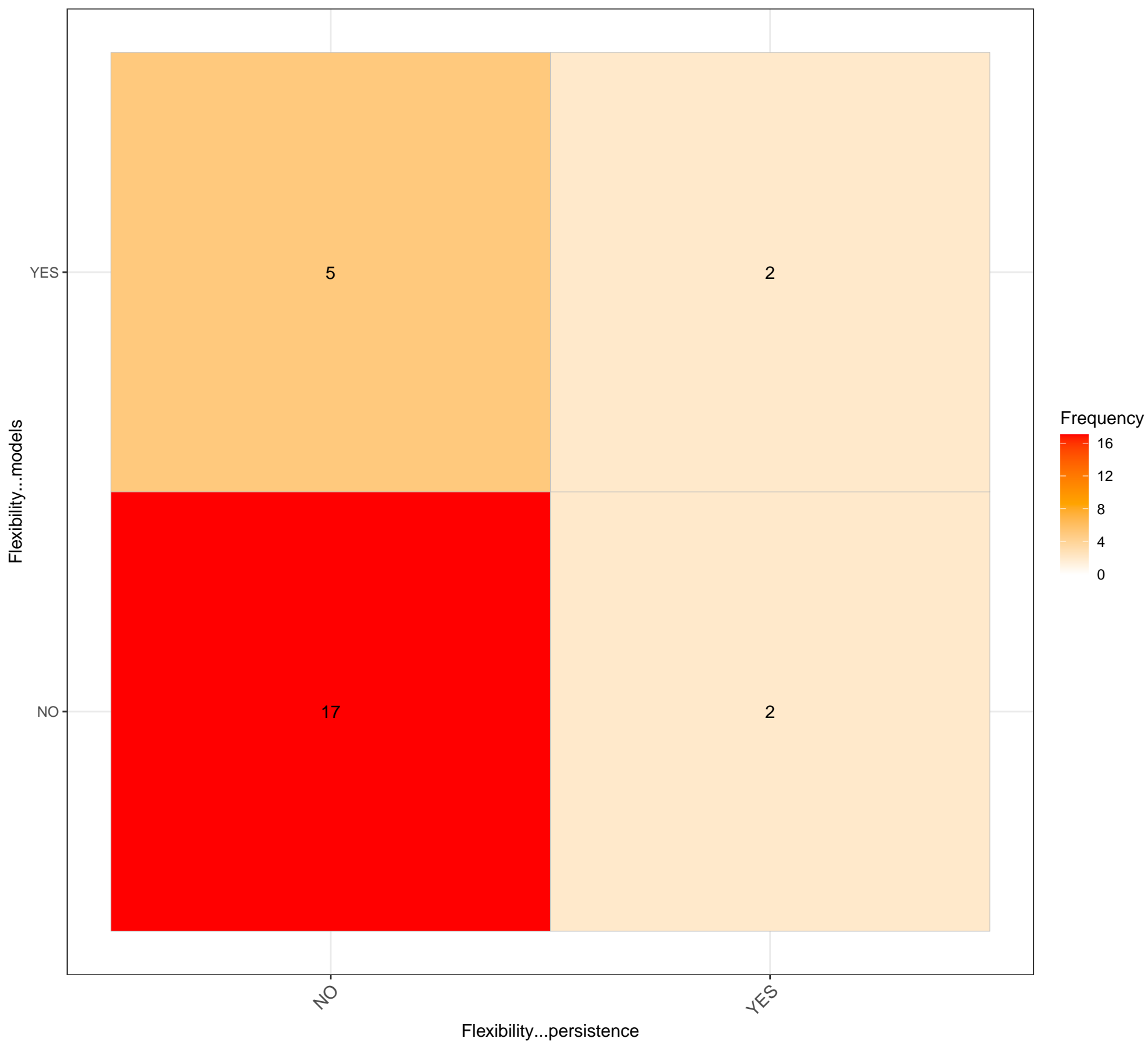
Navigation.among.notations_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.9711, p= 0.6119)



Flexibility...models _____ Flexibility...language (Chi sq w/ Yates p= 1, p= 0.9249)



Flexibility...models_____Flexibility...persistence (Chi sq w/ Yates p= 0.6041, p= 0.258)



Flexibility...models_____Mapping (Chi sq w/ Yates p= 1, p= 0.9249)

Flexibility...models

YES

6

1

NO

16

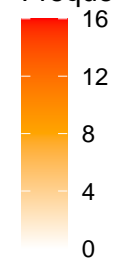
3

PARSER-BASE

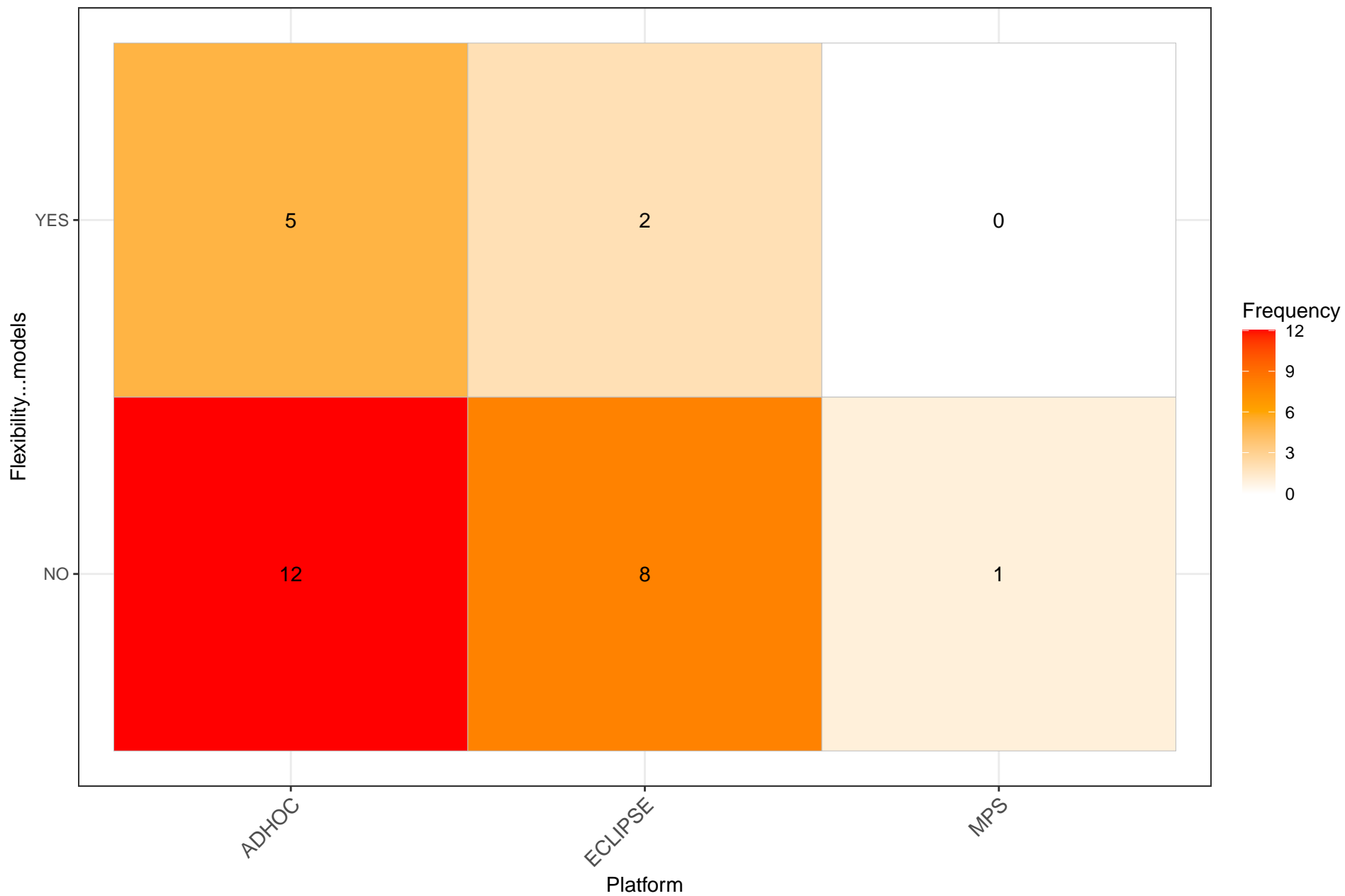
PROJECTIONAL

Mapping

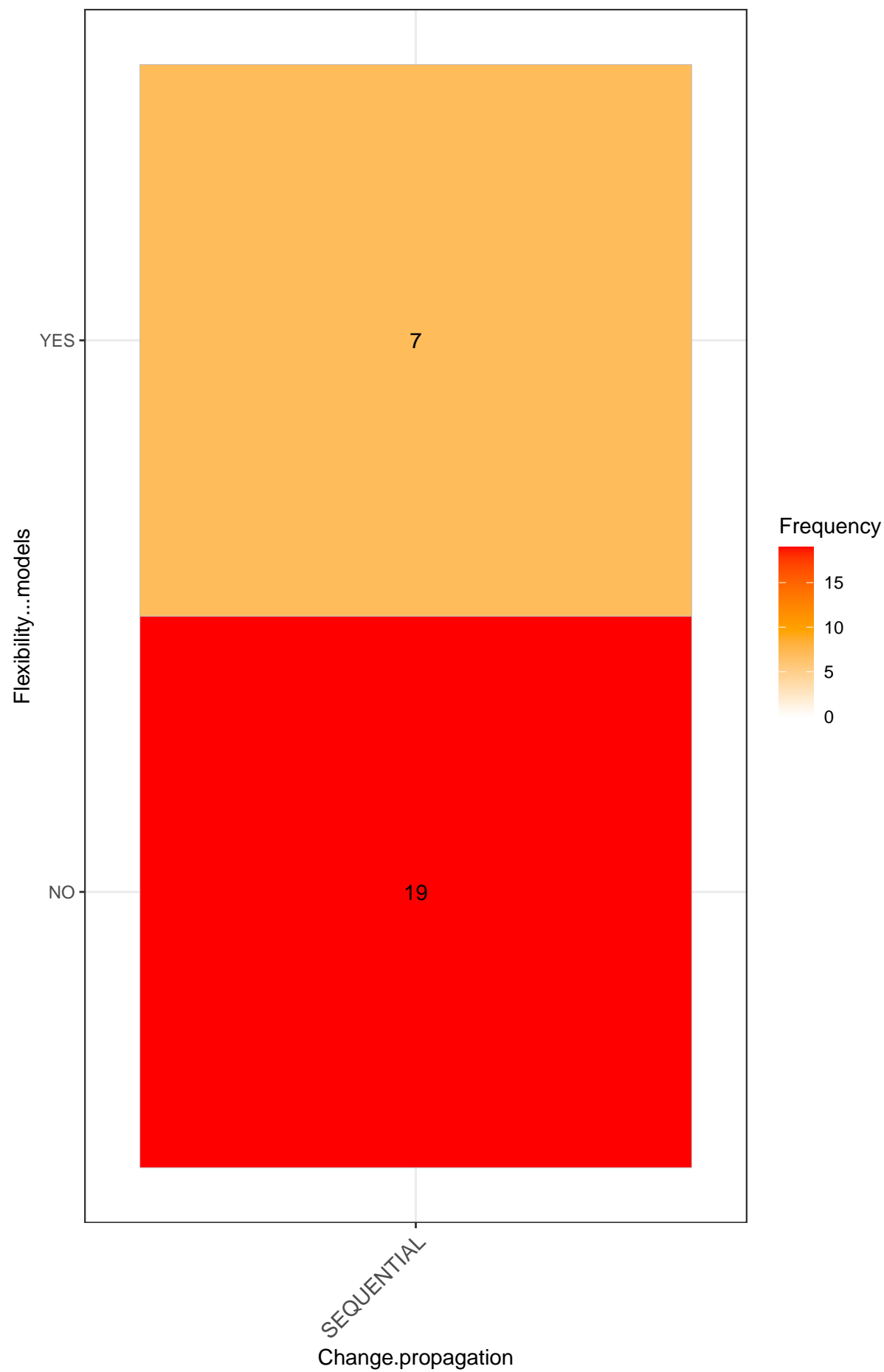
Frequency



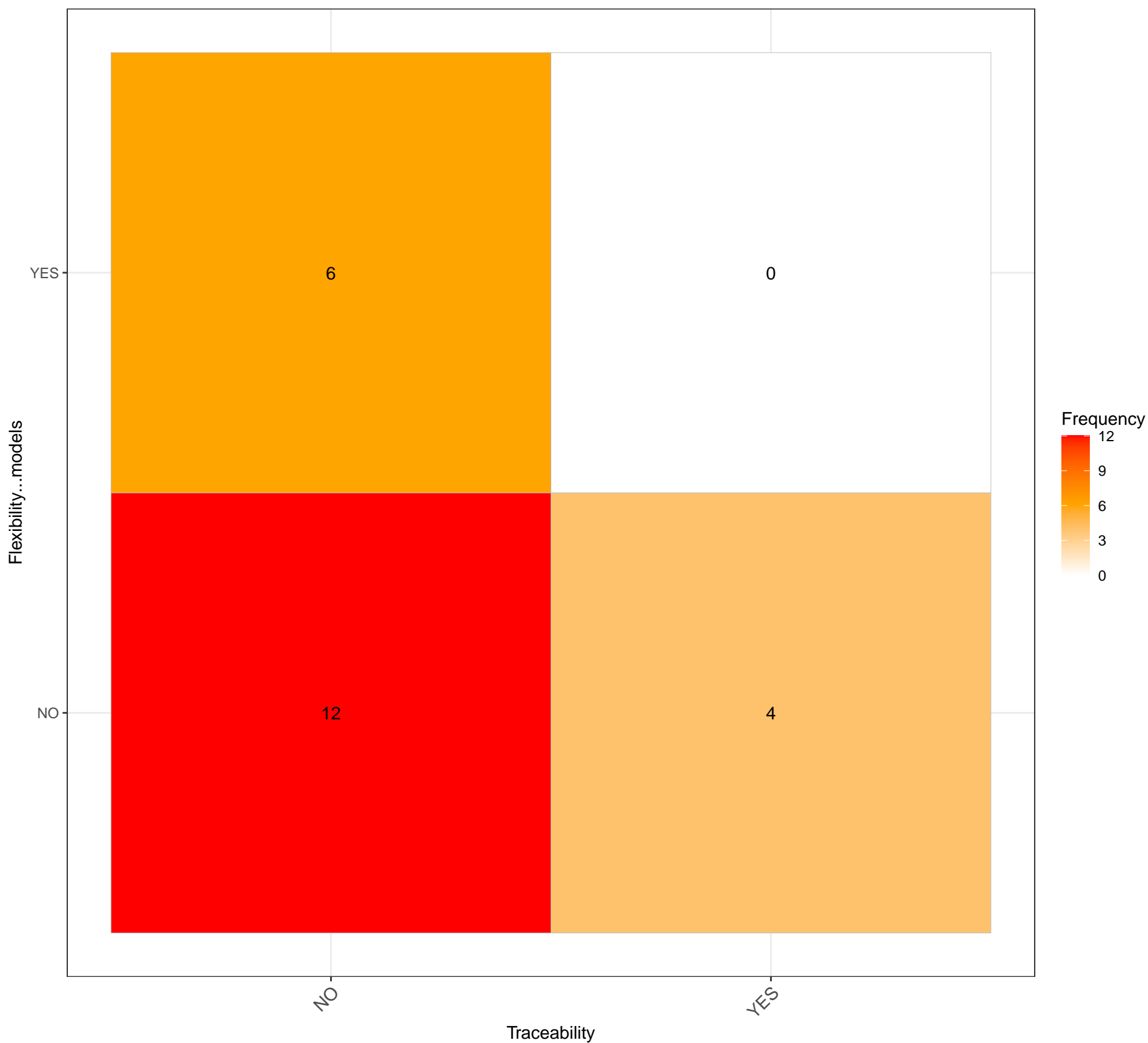
Flexibility...models_____Platform (Chi sq w/ Yates p= 0.725, p= 0.725)



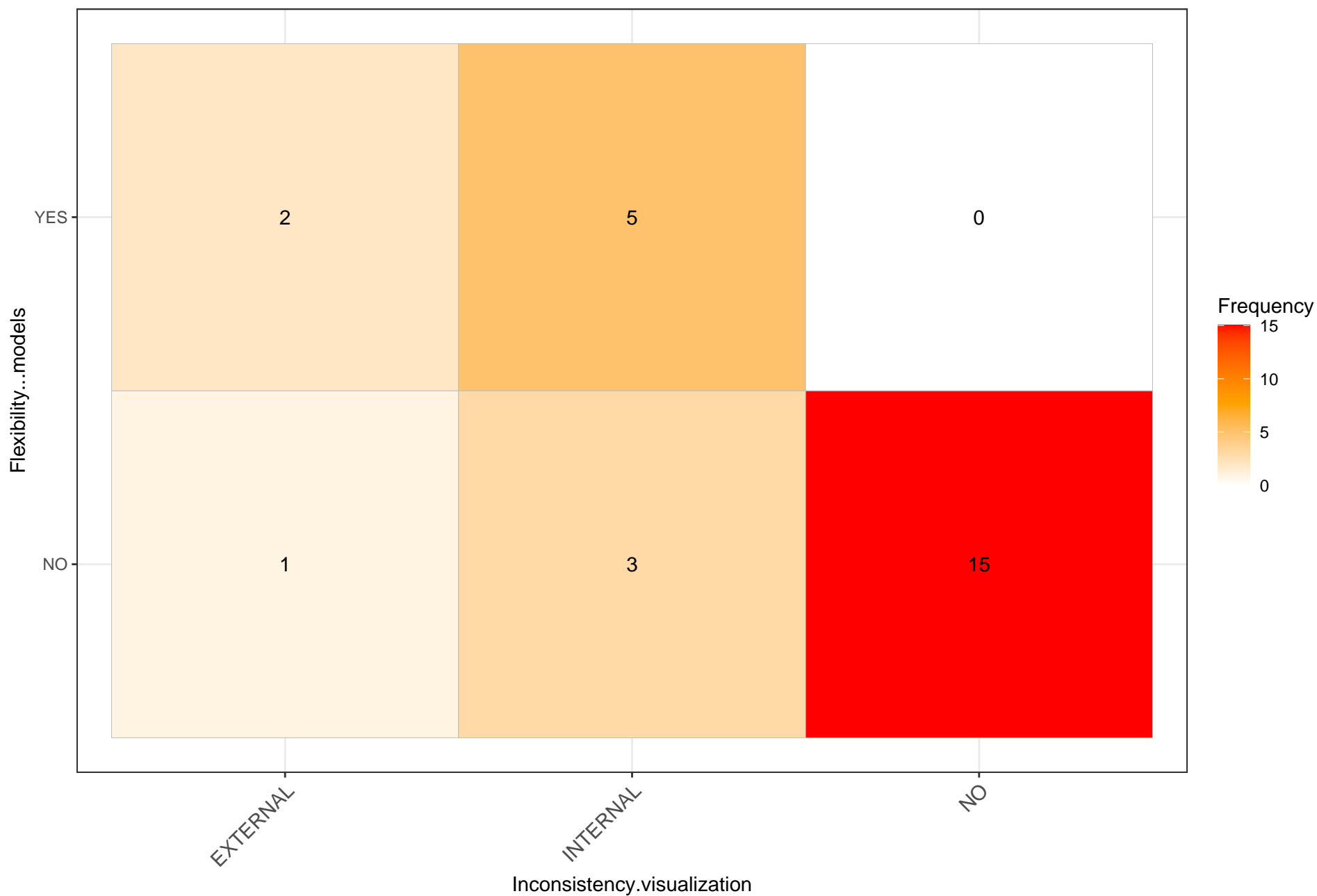
Flexibility...models_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



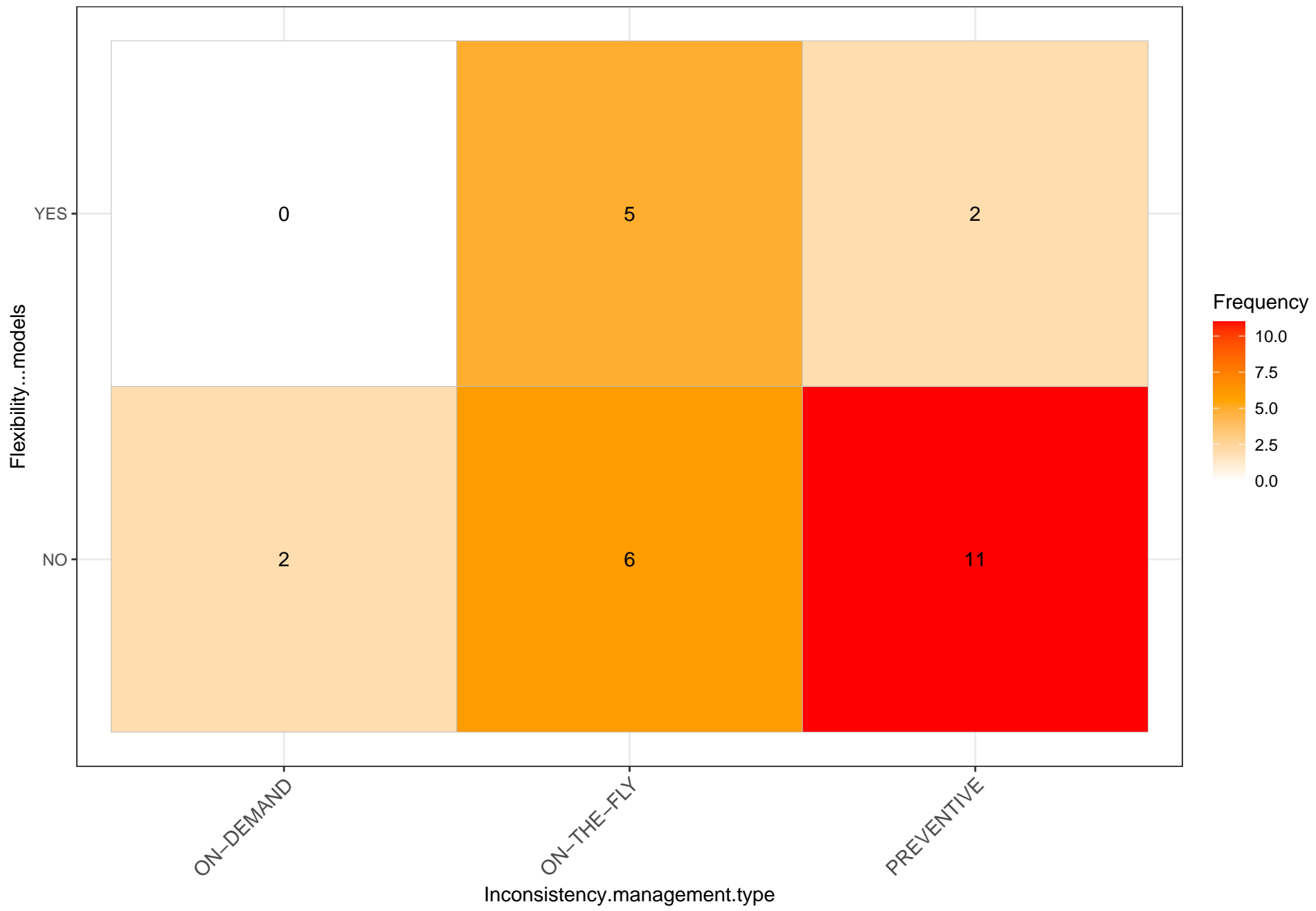
Flexibility...models_____Traceability (Chi sq w/ Yates p= 0.4633, p= 0.1757)



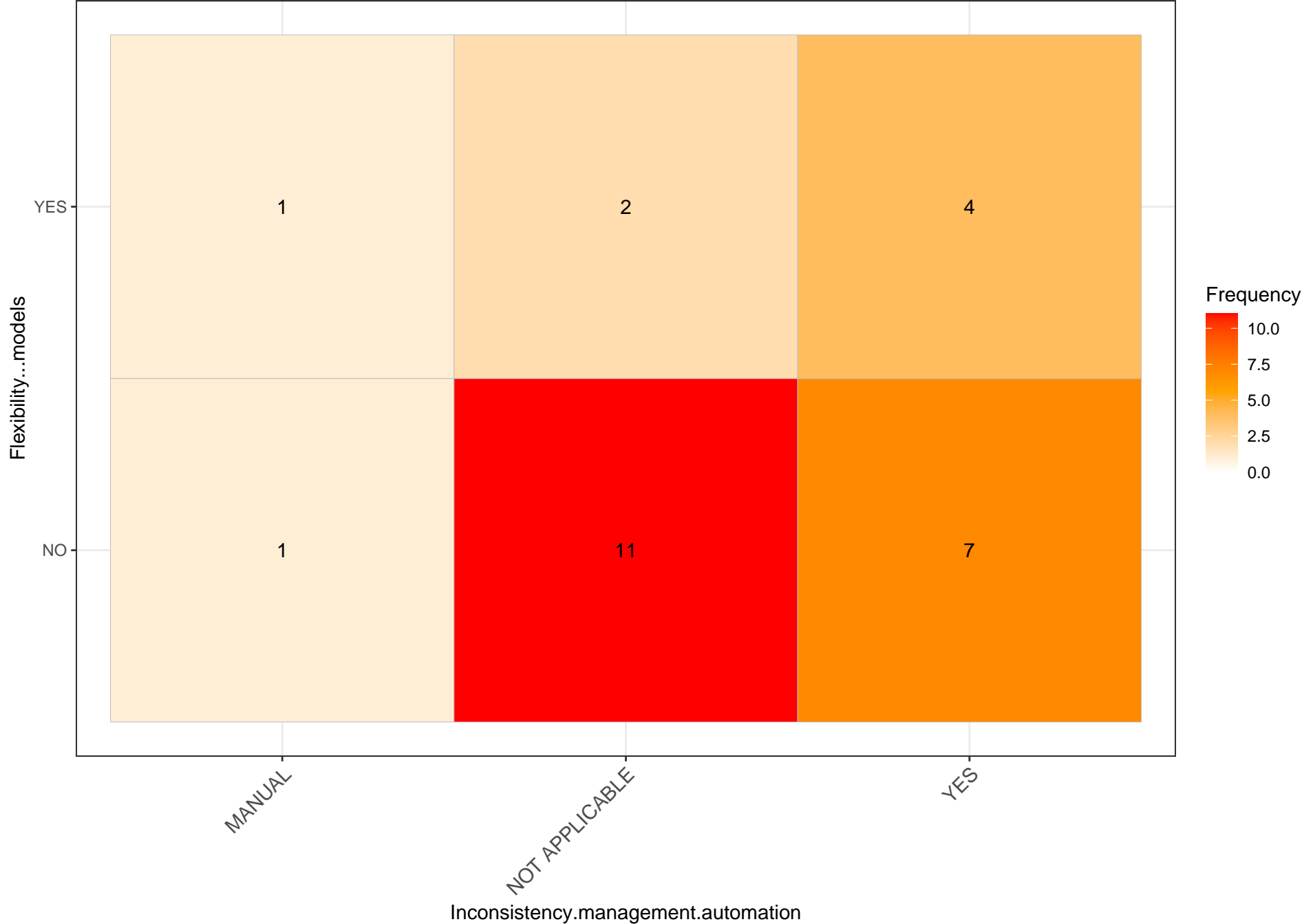
Flexibility...models_____Inconsistency.visualization (Chi sq w/ Yates p= 0.0014, p= 0.0014)



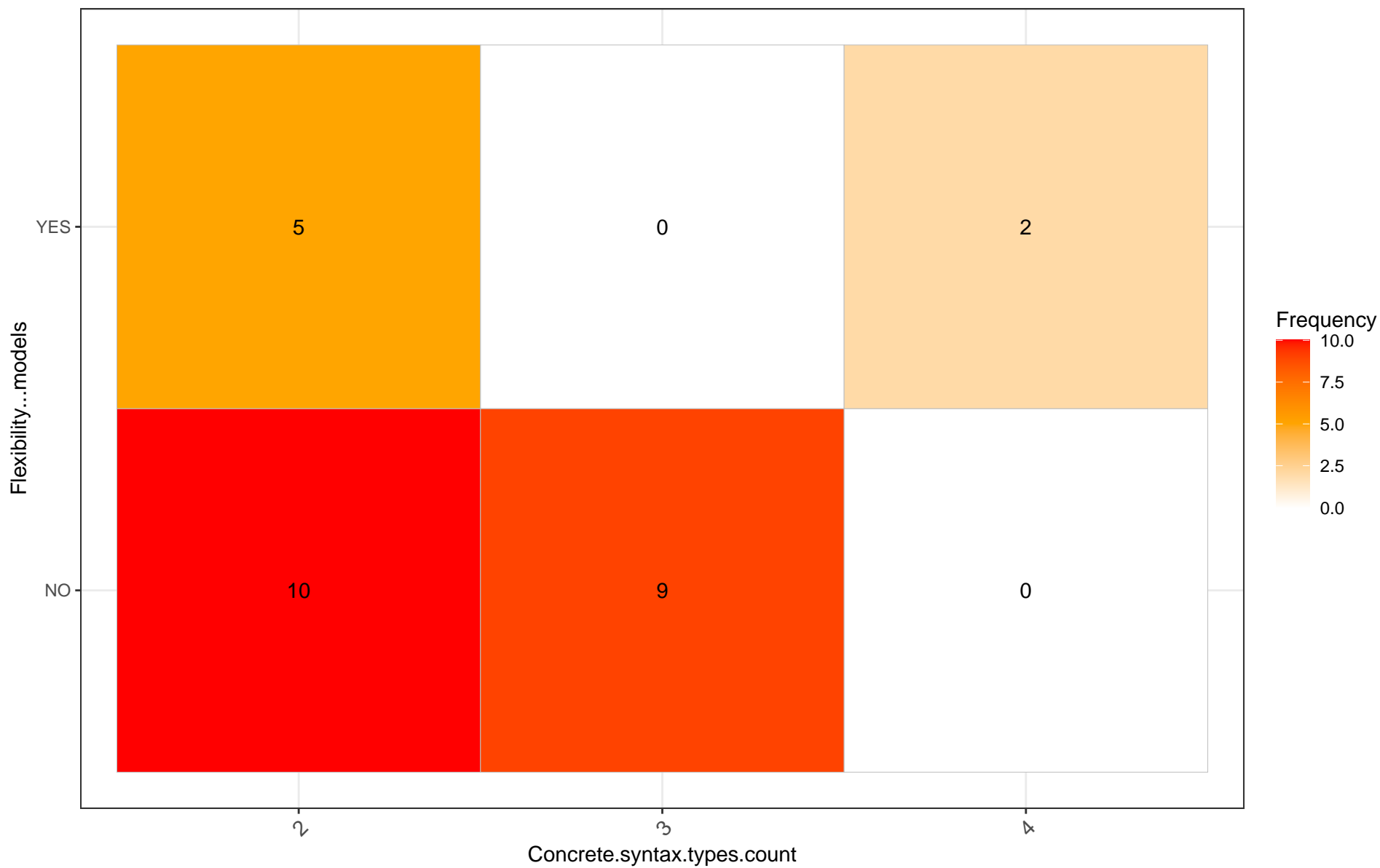
Flexibility...models_____Inconsistency.management.type (Chi sq w/ Yates p= 0.1706, p= 0.1706)



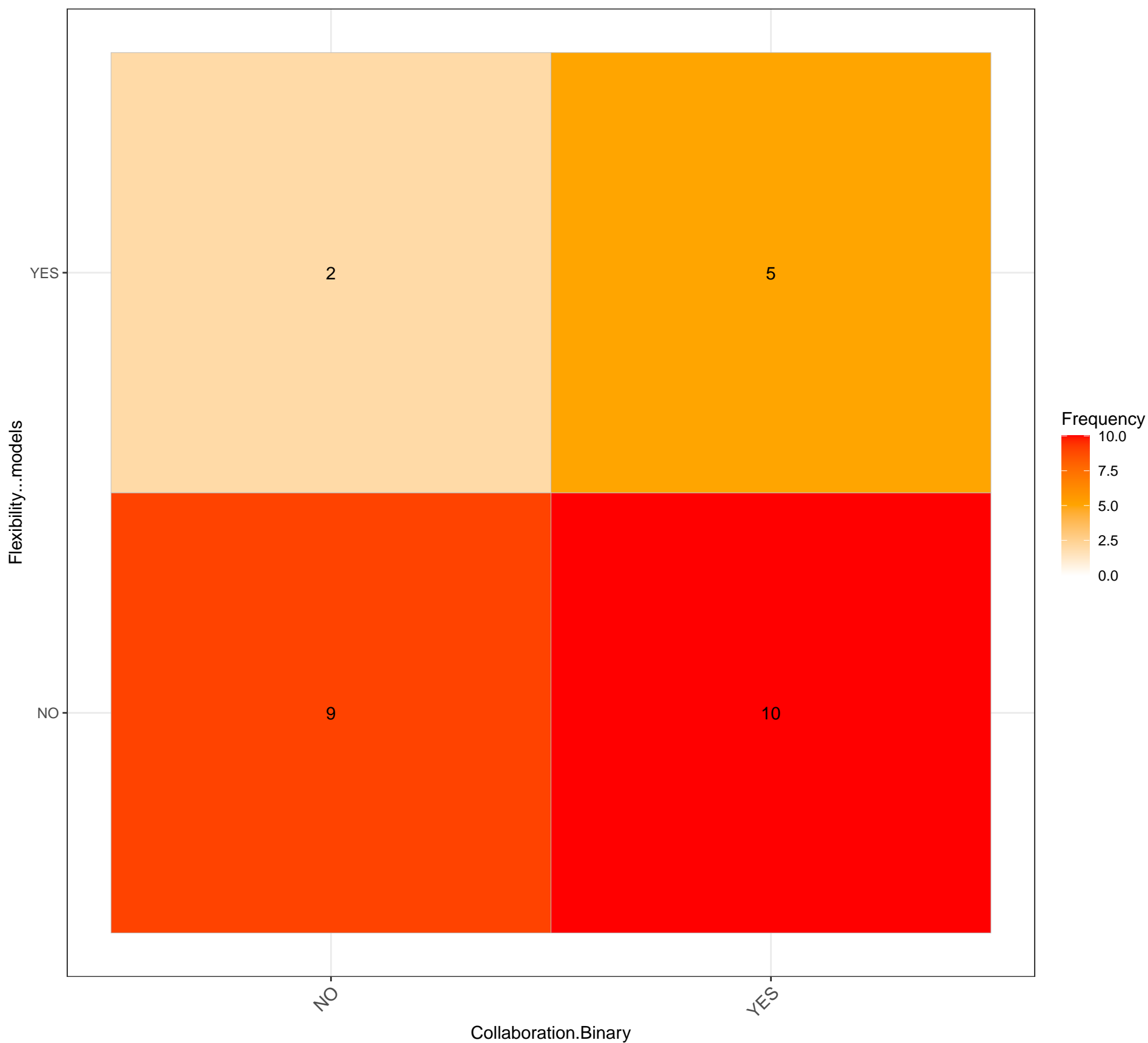
Flexibility...models_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.383, p= 0.383)



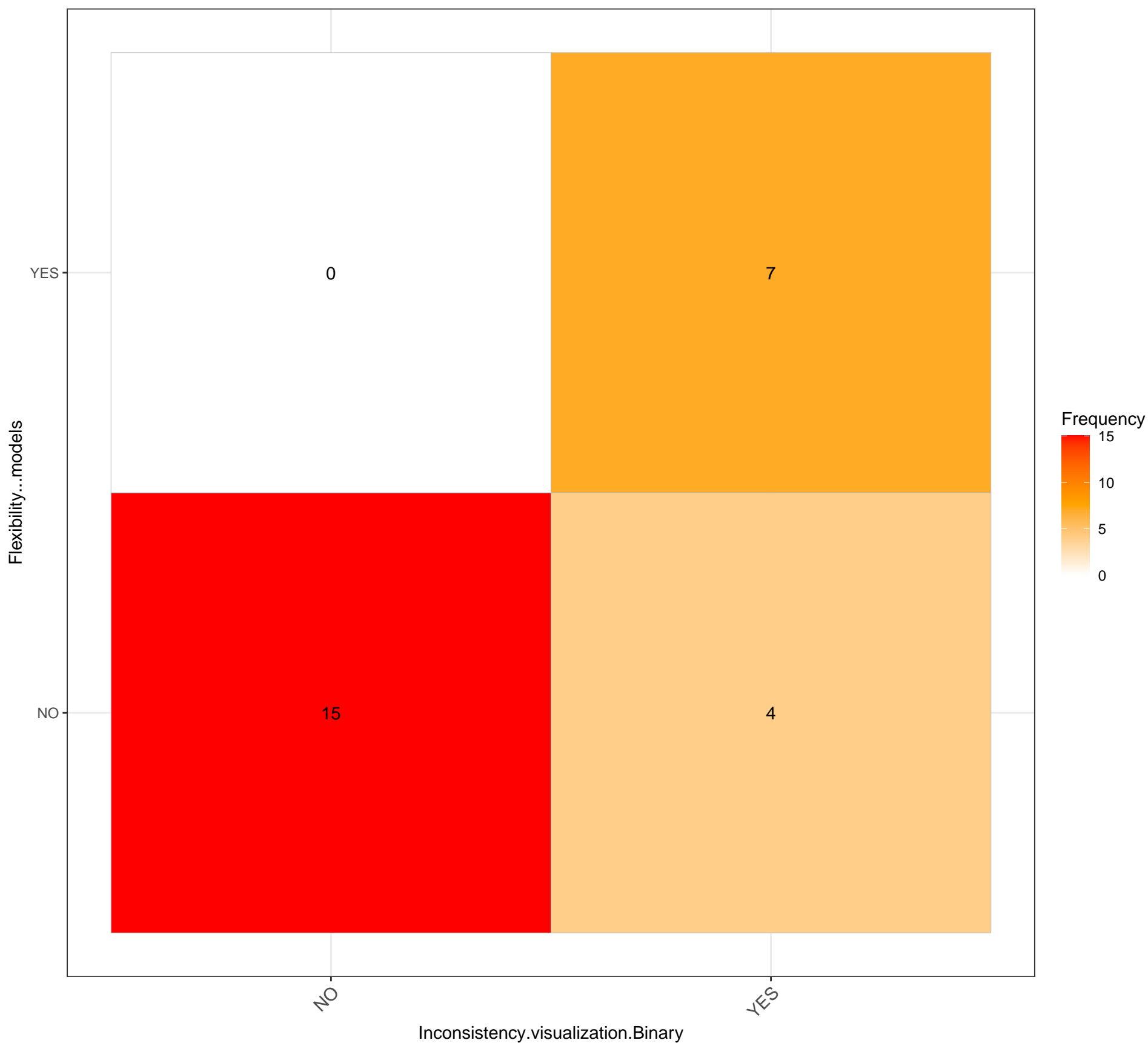
Flexibility...models_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.0108, p= 0.0108)



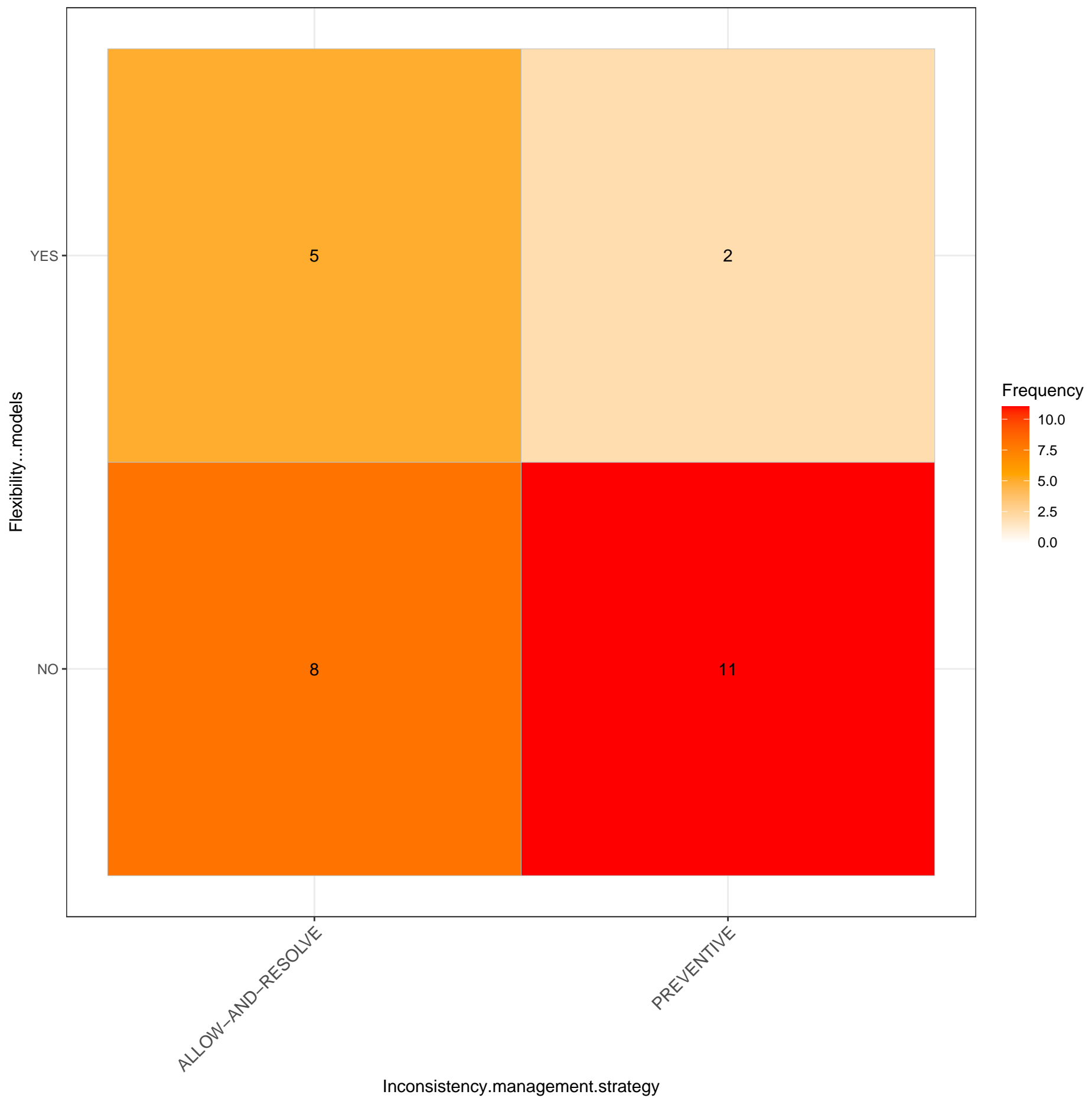
Flexibility...models____Collaboration.Binary (Chi sq w/ Yates p= 0.6796, p= 0.3895)



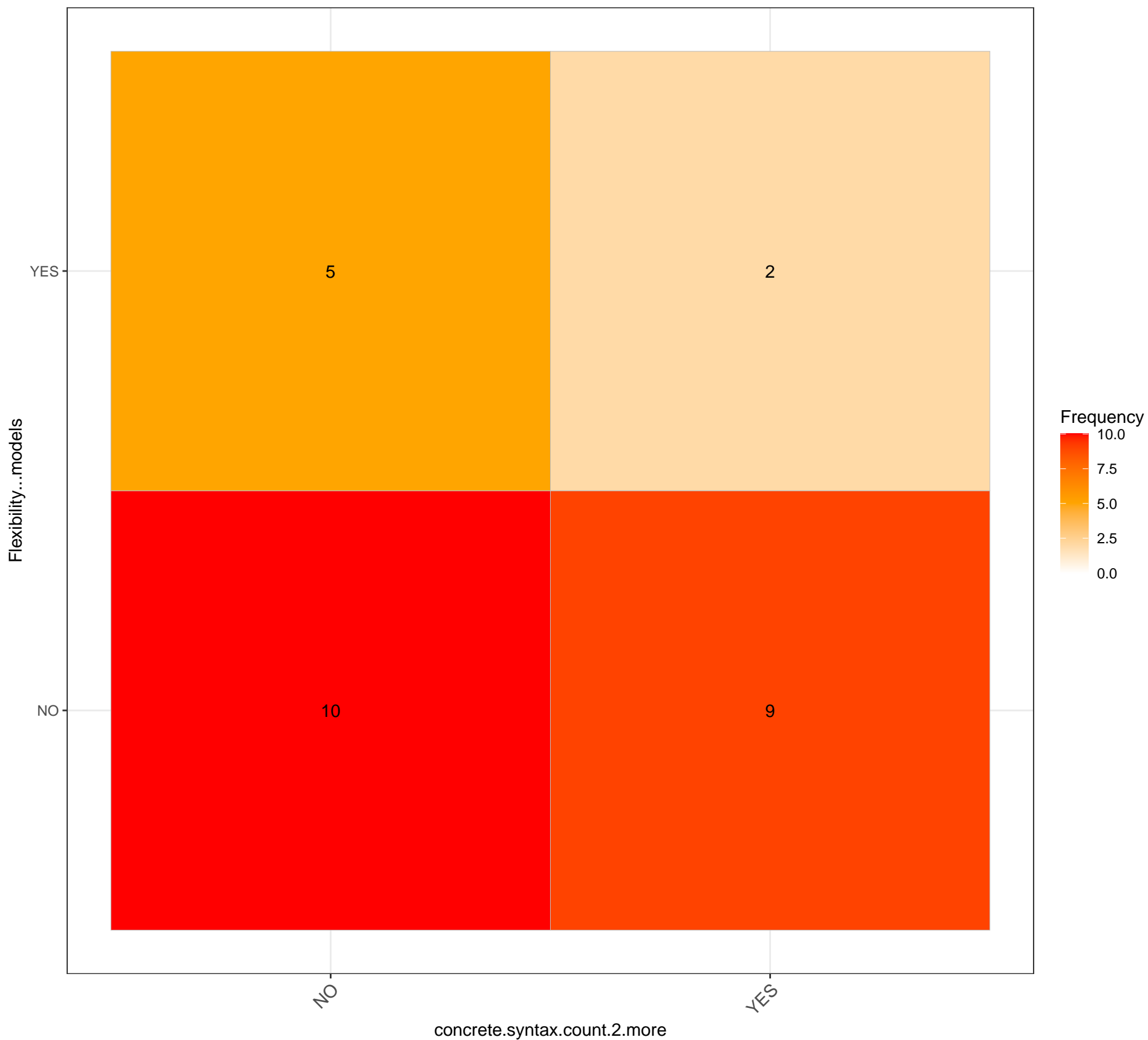
Flexibility...models_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.0015, p= 3e-04)



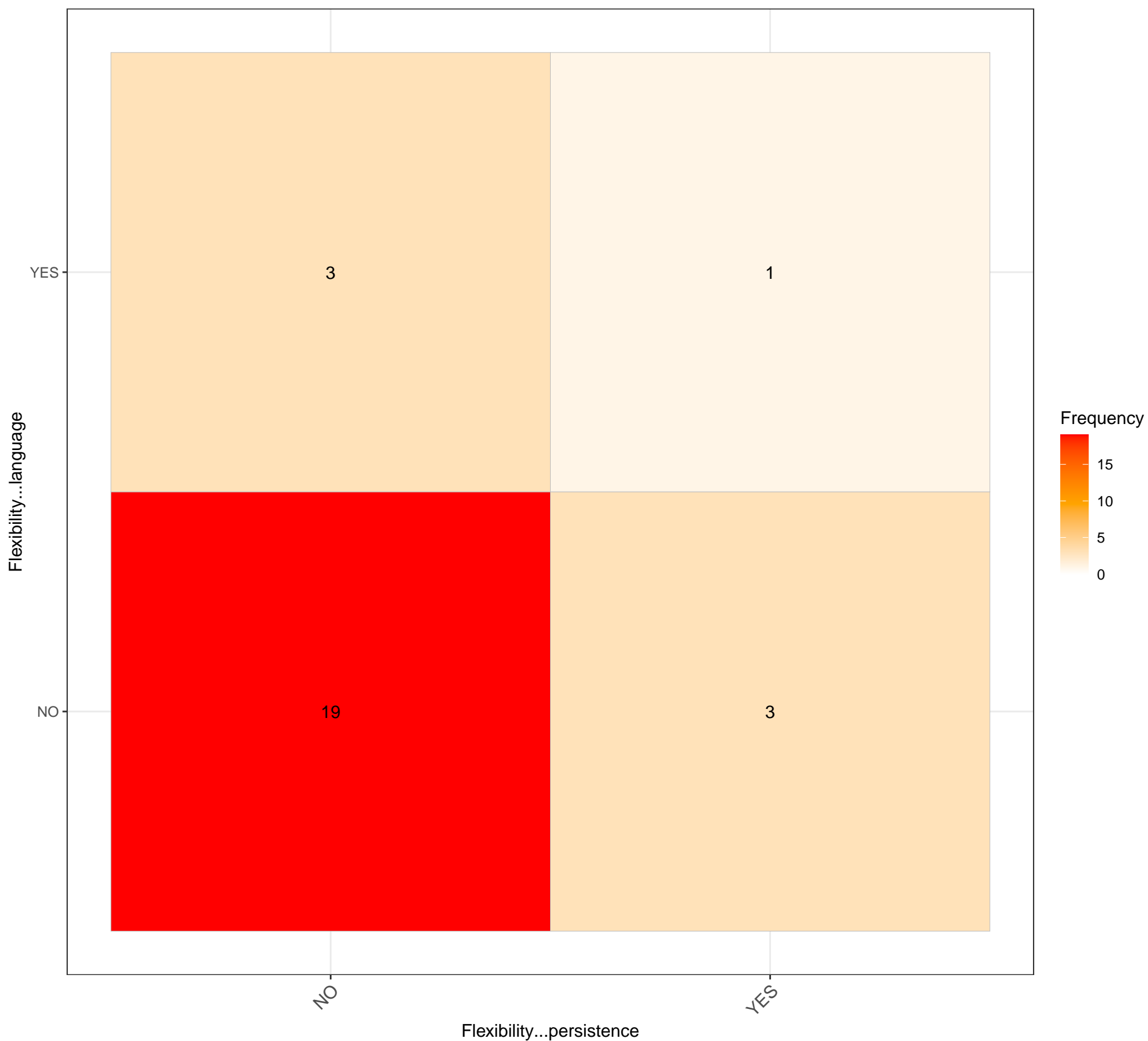
Flexibility...models_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.3765, p= 0.1847)



Flexibility...models_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.6796, p= 0.3895)



Flexibility...language_____Flexibility...persistence (Chi sq w/ Yates p= 1, p= 0.5623)



Flexibility...language_____Mapping (Chi sq w/ Yates p= 1, p= 0.5623)

Flexibility...language

YES

3

1

NO

19

3

PARSER-BASE

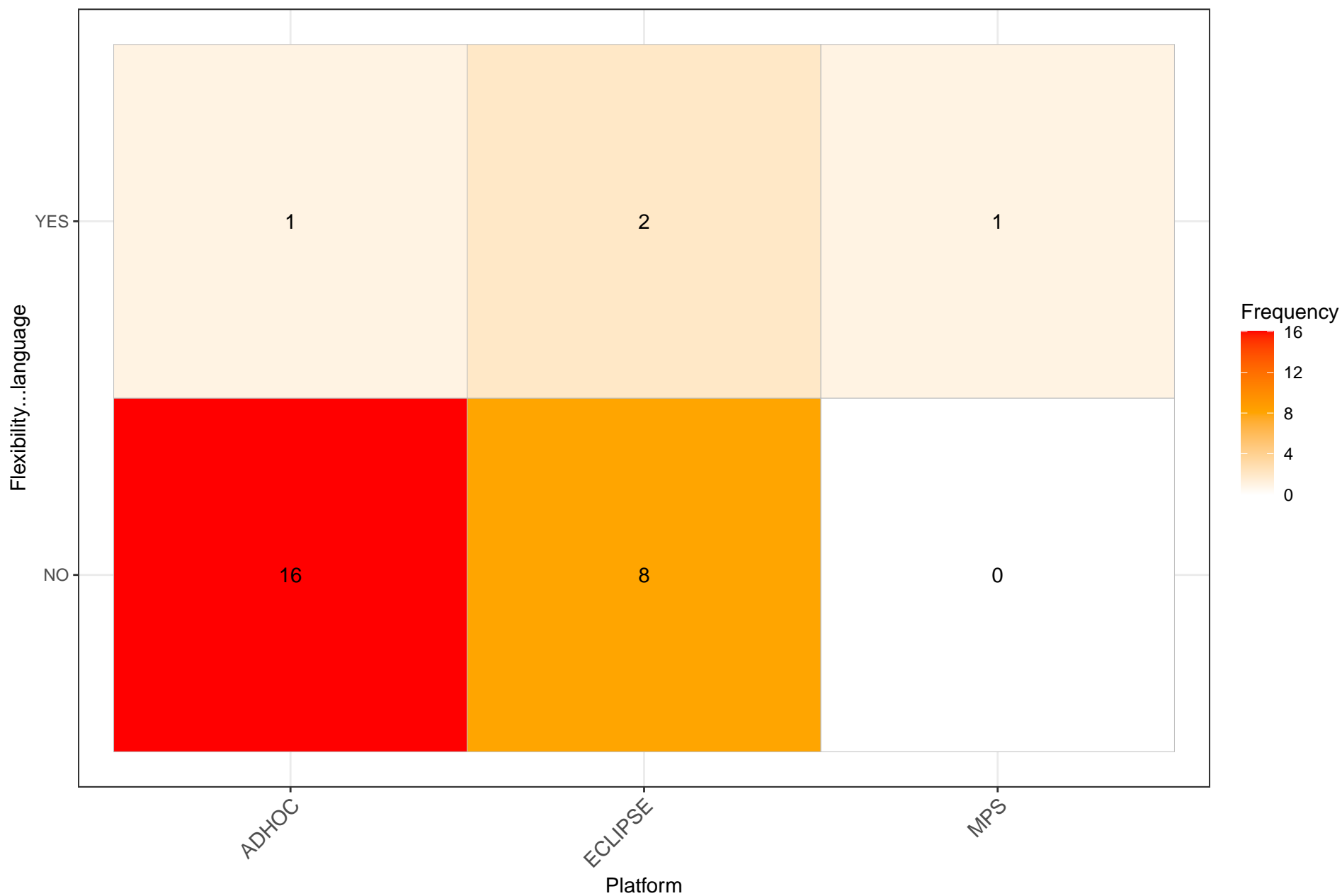
PROJECTIONAL

Mapping

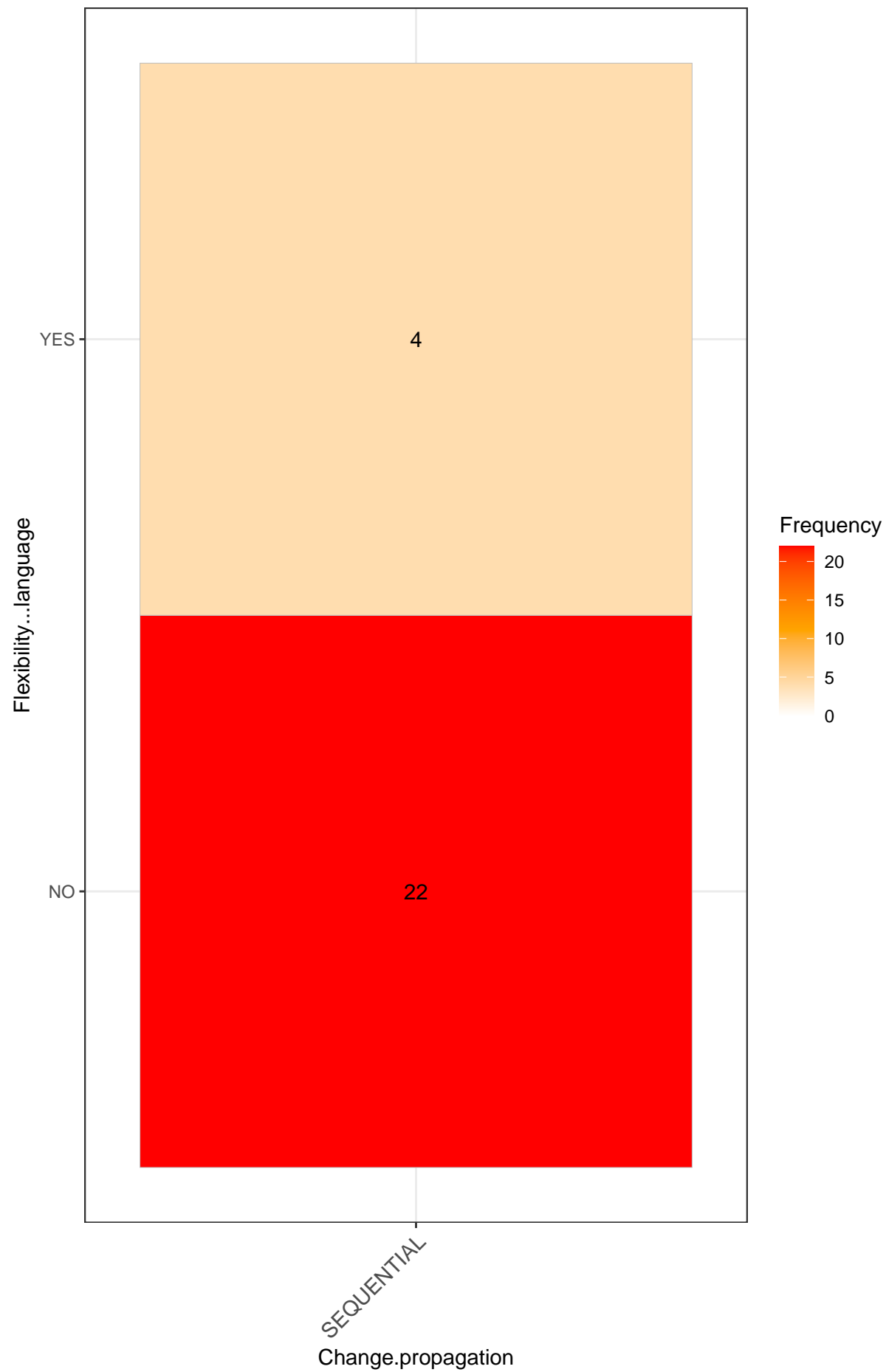
Frequency



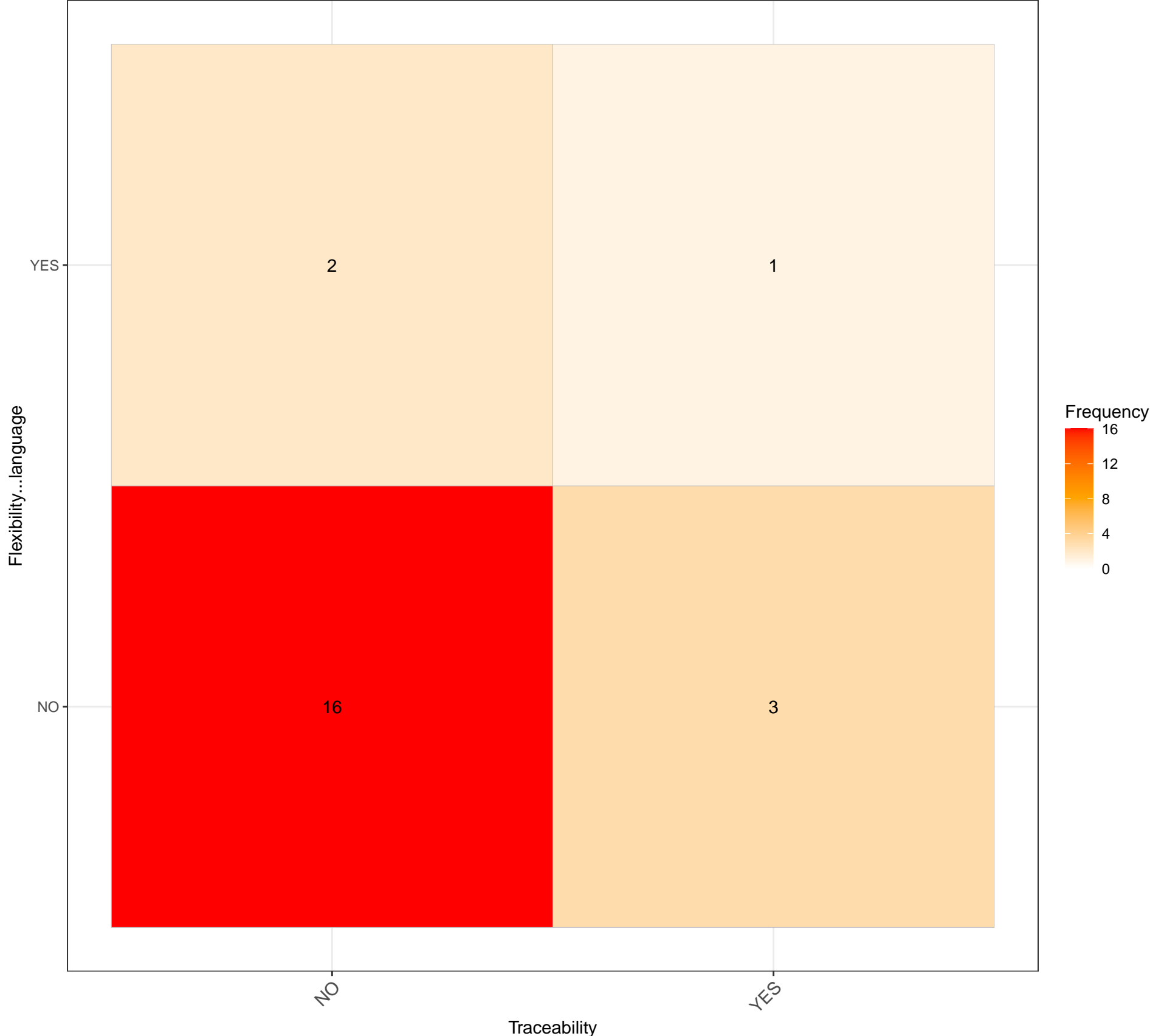
Flexibility...language_____Platform (Chi sq w/ Yates p= 0.0267, p= 0.0267)



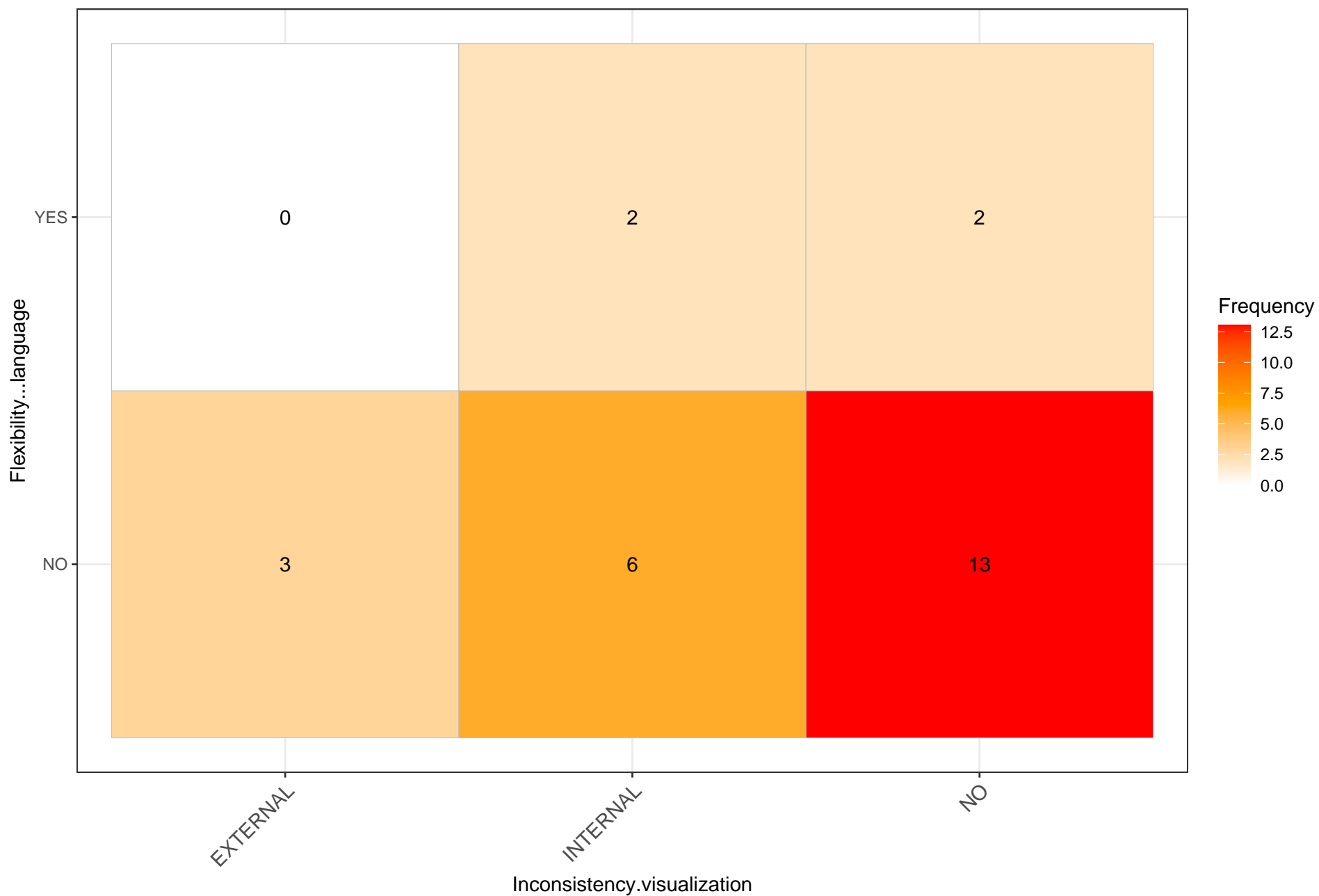
Flexibility...language_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



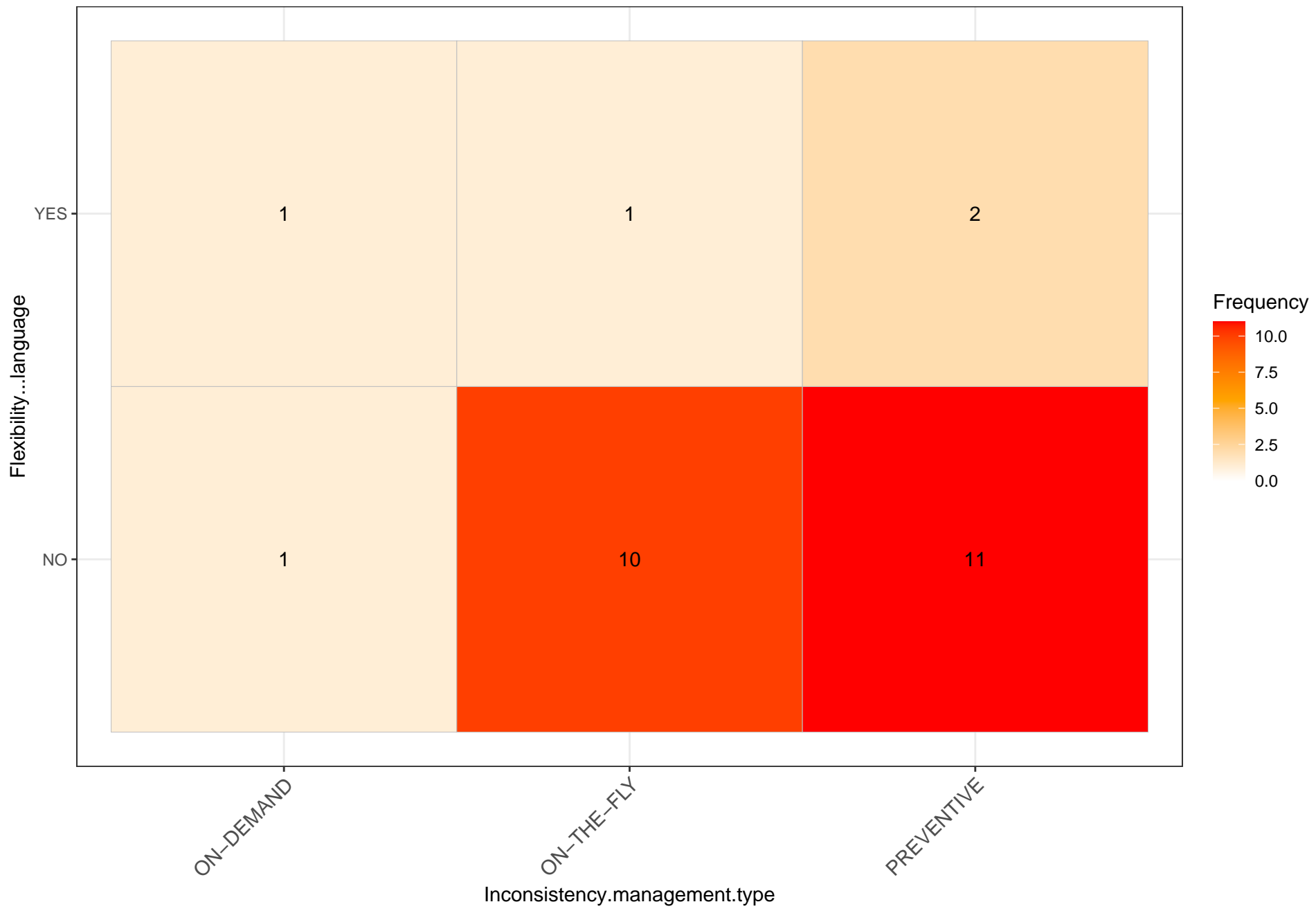
Flexibility...language_____Traceability (Chi sq w/ Yates p= 1, p= 0.4641)



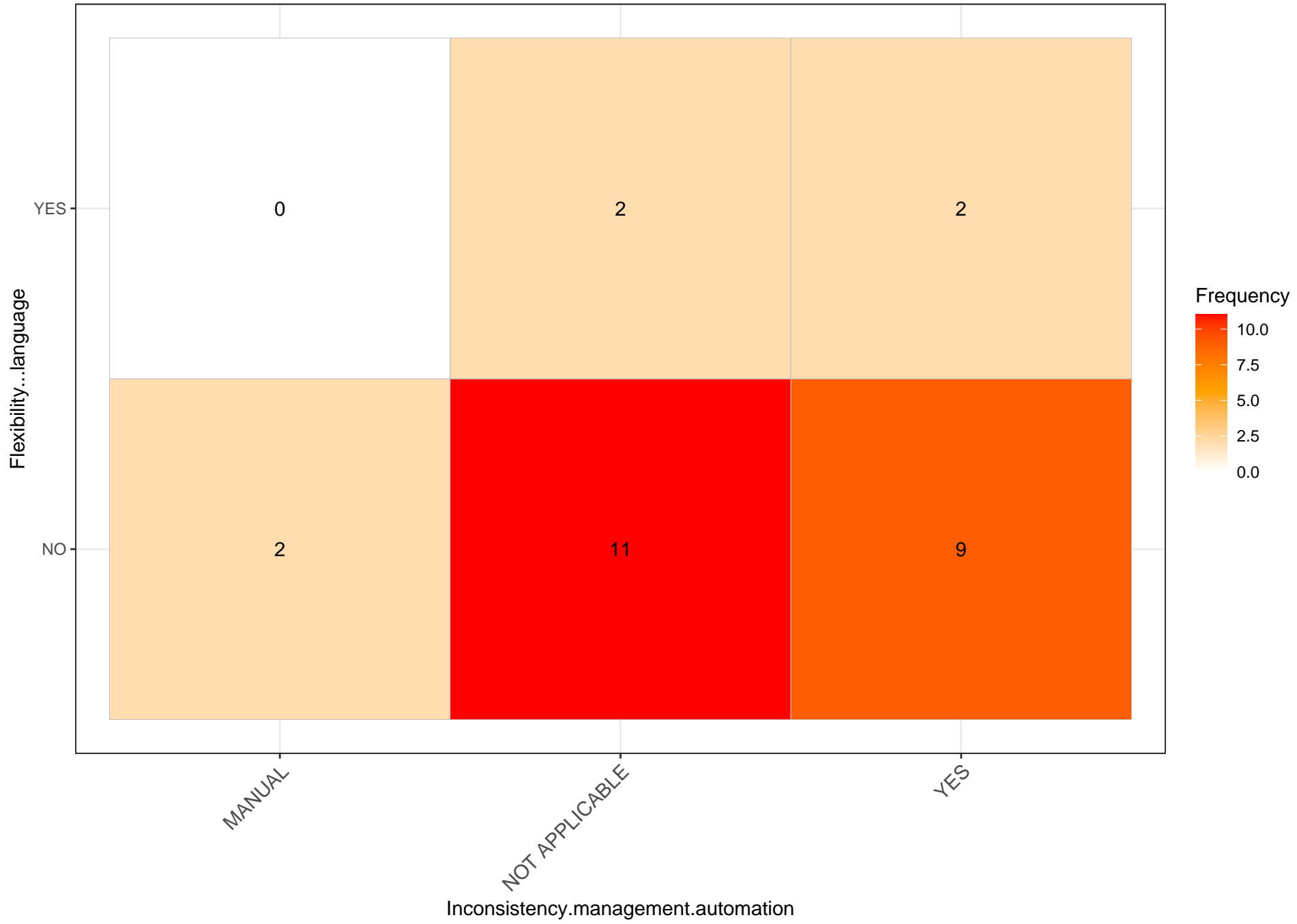
Flexibility...language_____Inconsistency.visualization (Chi sq w/ Yates p= 0.5593, p= 0.5593)



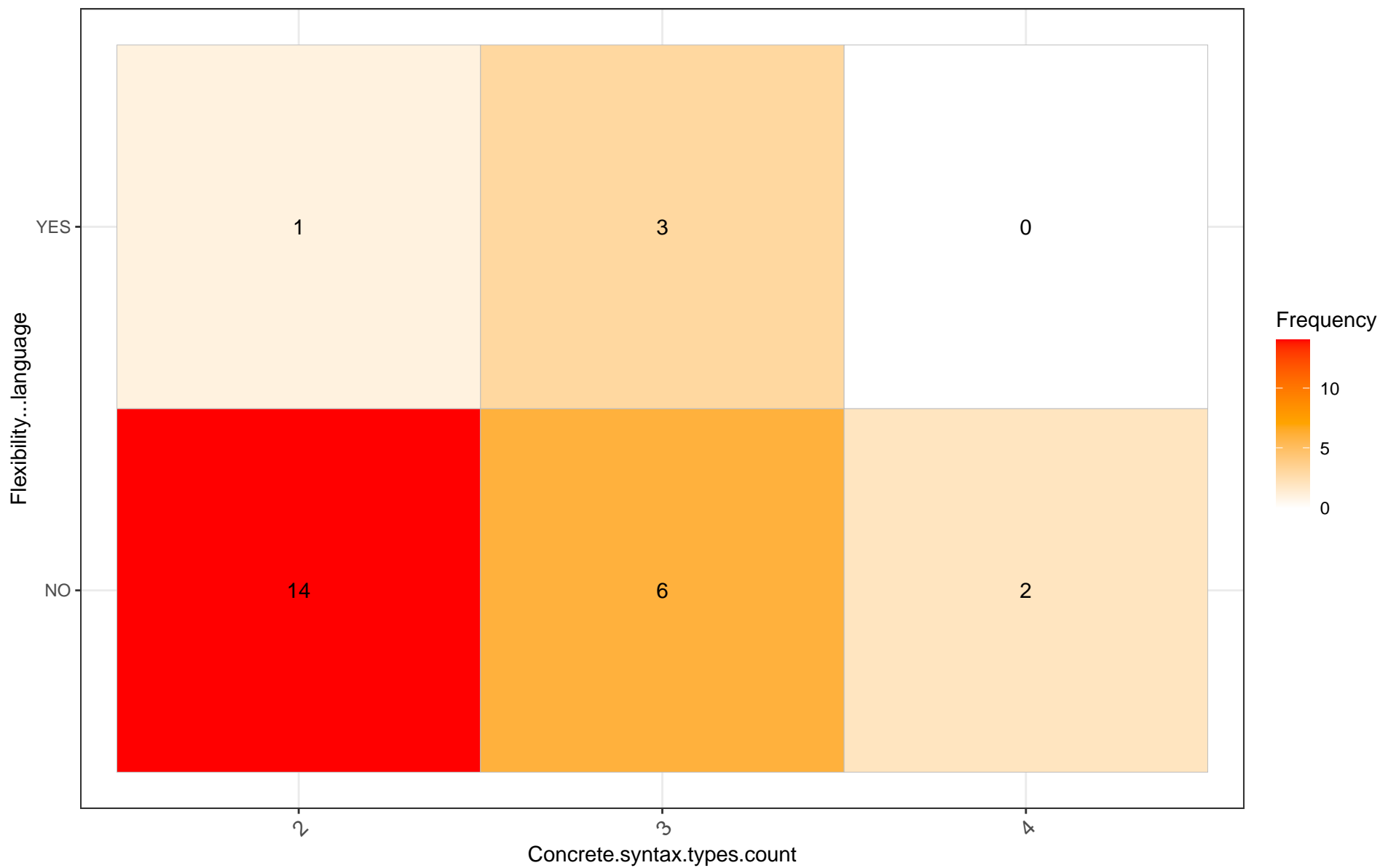
Flexibility...language_____Inconsistency.management.type (Chi sq w/ Yates p= 0.337, p= 0.337)



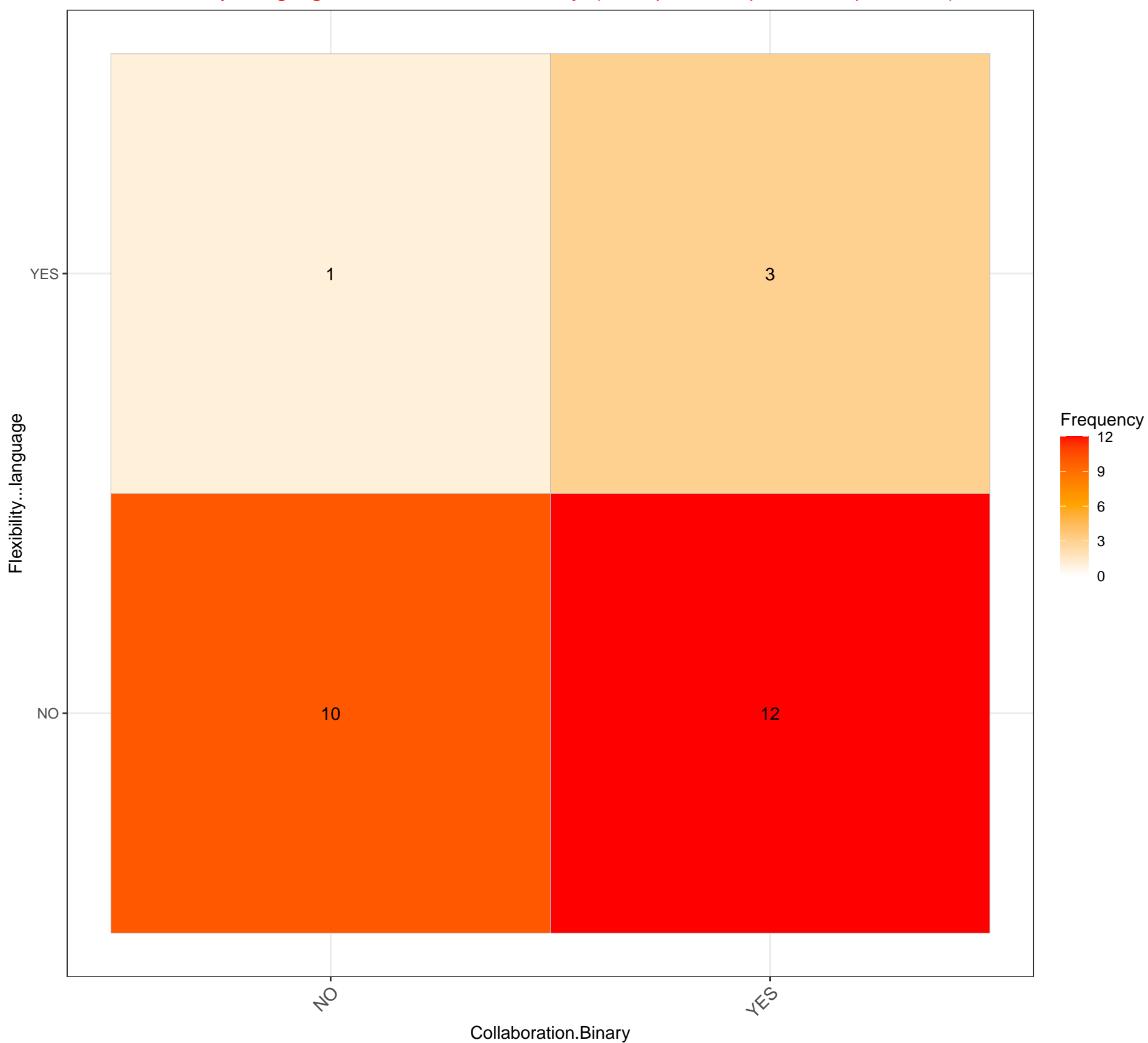
Flexibility...language_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.8066, p= 0.8066)



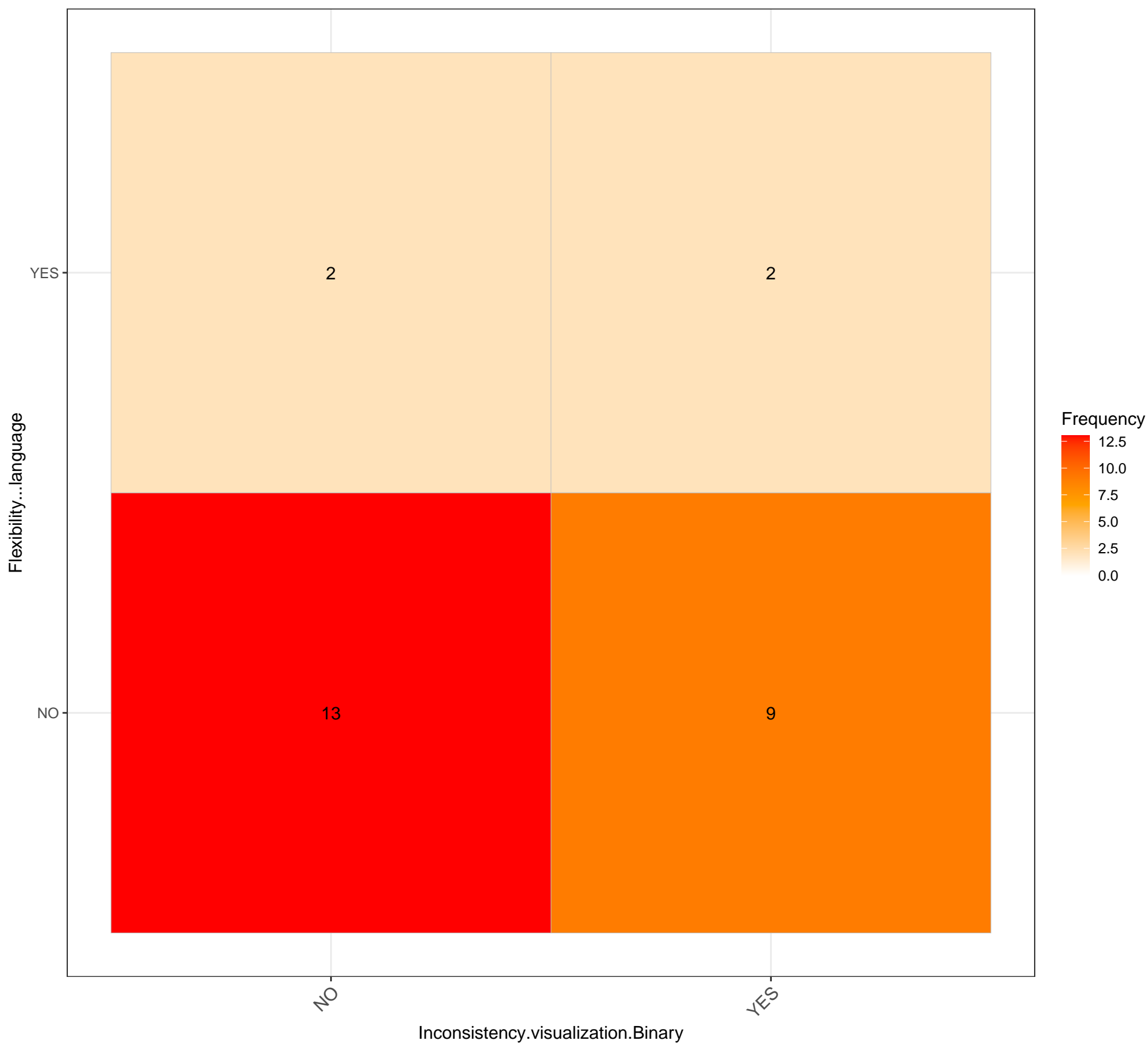
Flexibility...language_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.1767, p= 0.1767)



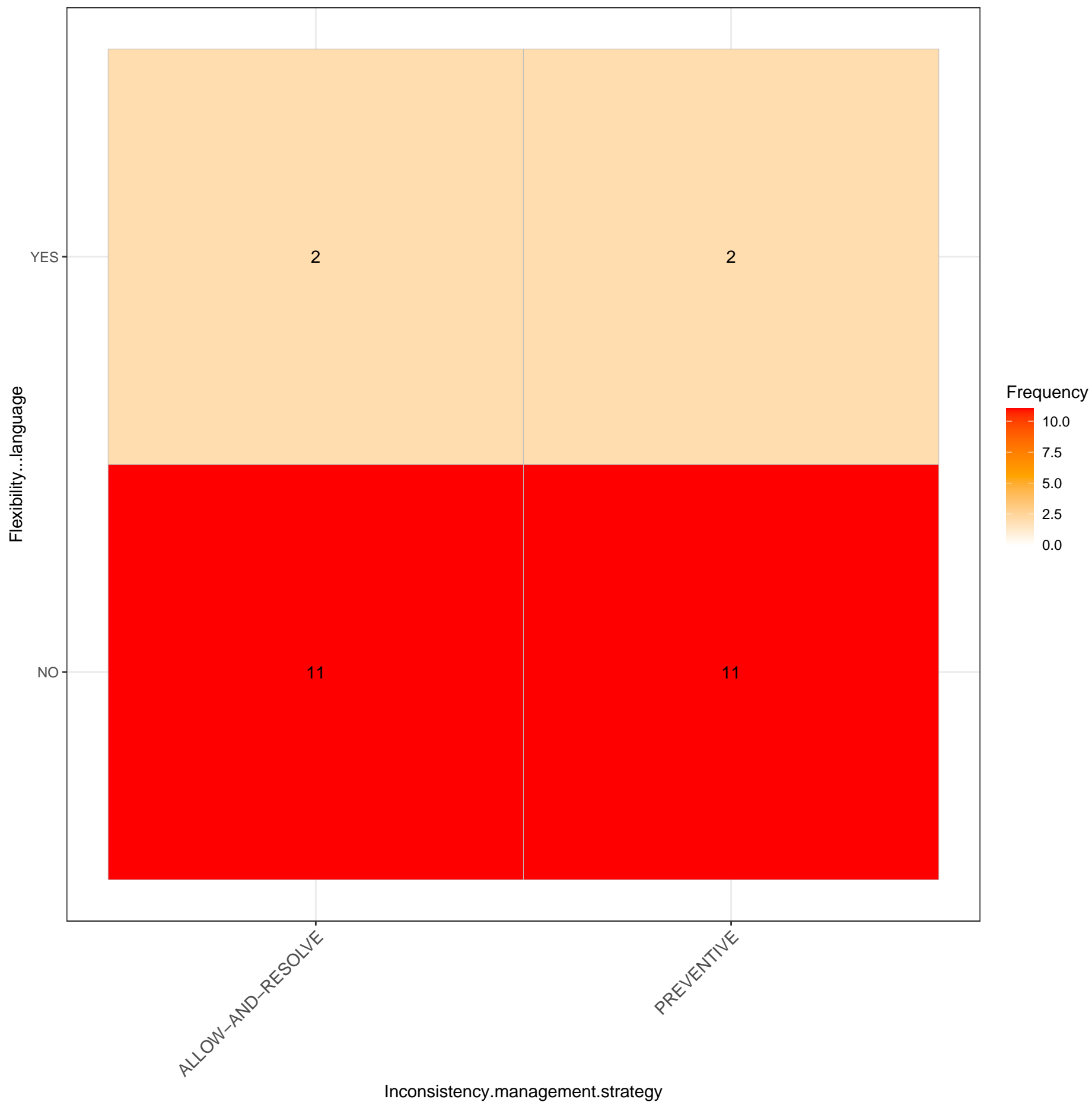
Flexibility...language_____Collaboration.Binary (Chi sq w/ Yates p= 0.8324, p= 0.4462)



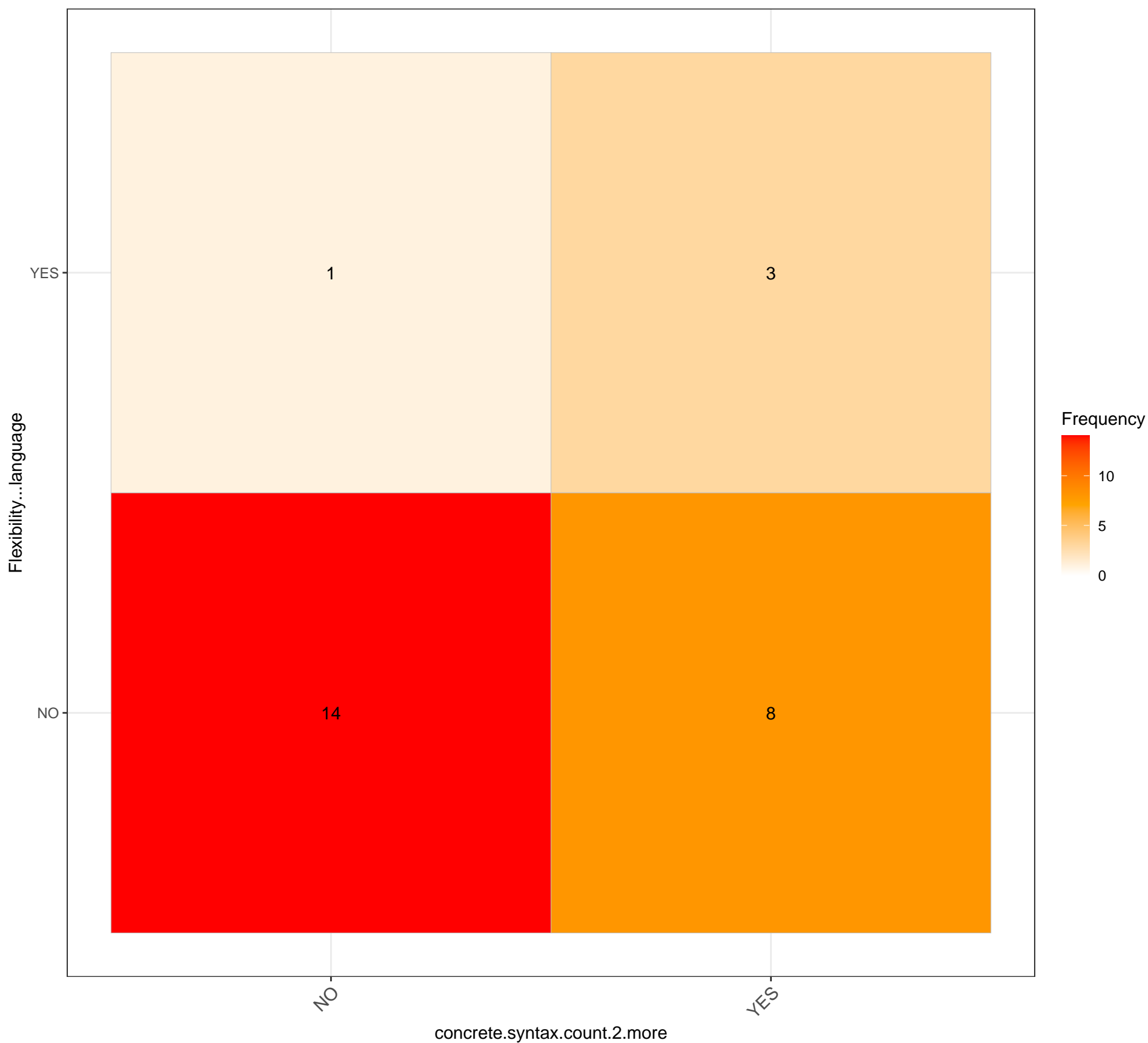
Flexibility...language_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 1, p= 0.735)



Flexibility...language_____Inconsistency.management.strategy (Chi sq w/ Yates p= 1, p= 1)



Flexibility...language_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.3742, p= 0.1502)



Flexibility...persistence_____Mapping (Chi sq w/ Yates p= 1, p= 0.5623)

Flexibility...persistence

YES

3

1

NO

19

3

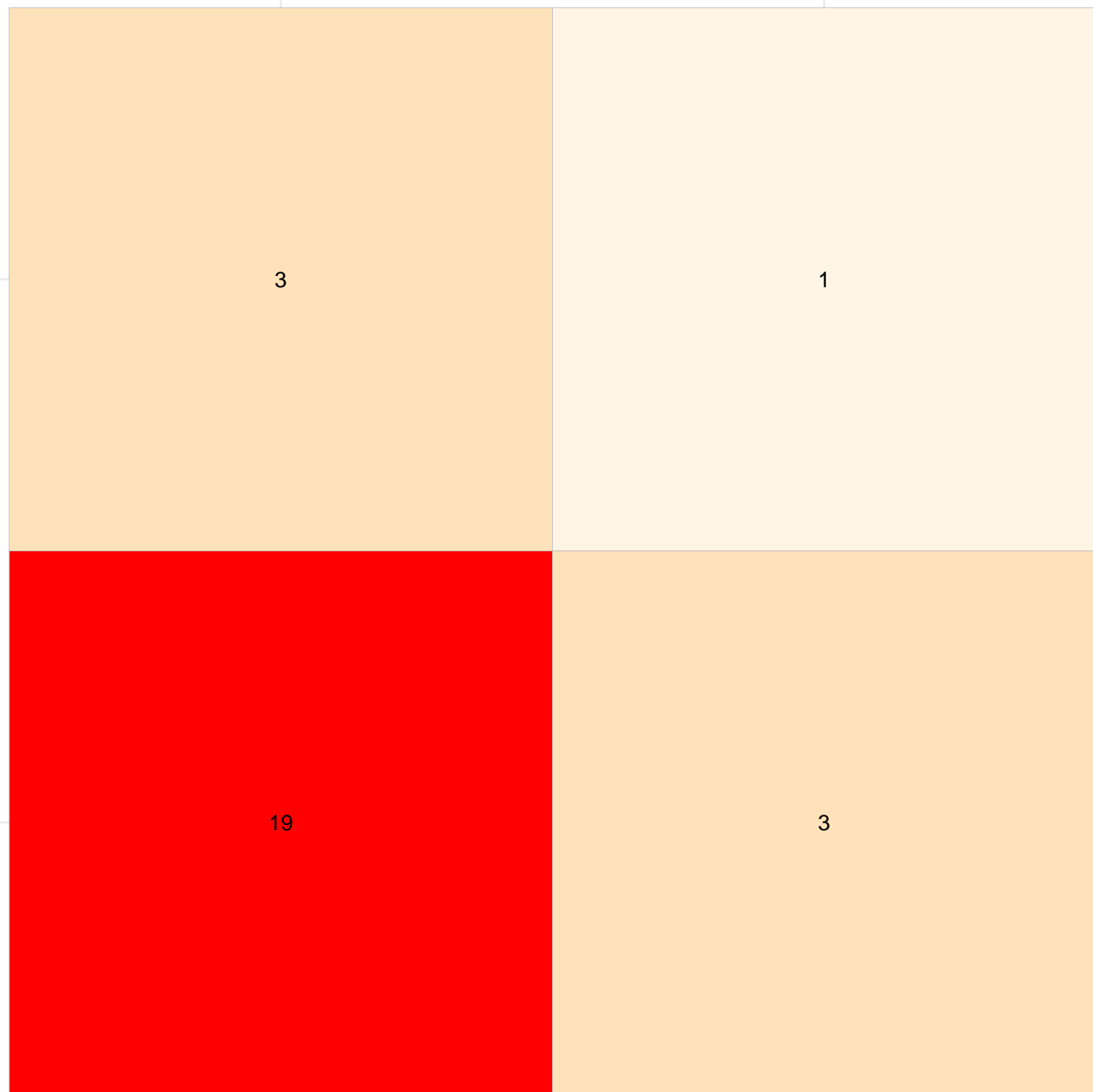
PARSER-BASE

PROJECTIONAL

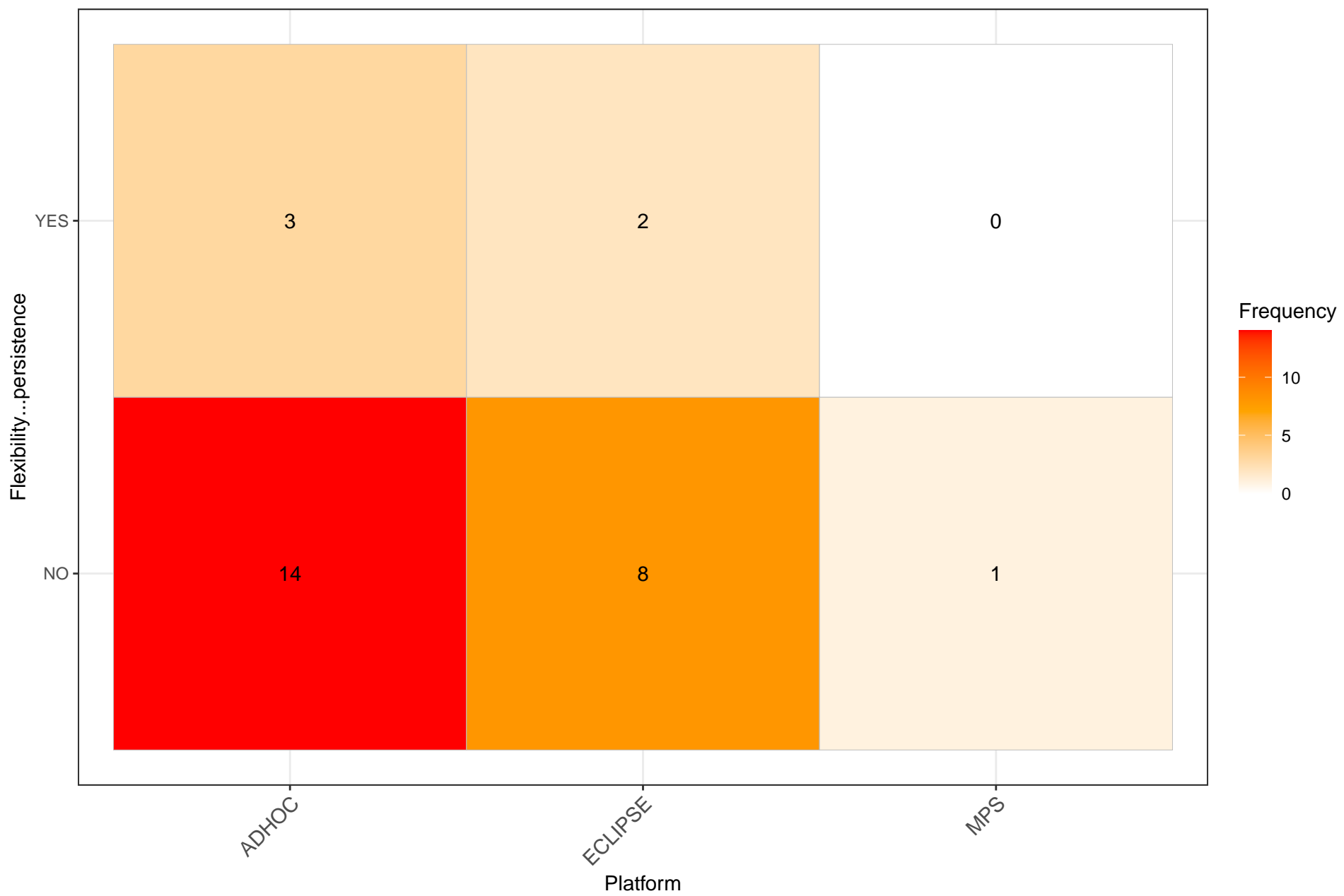
Mapping

Frequency

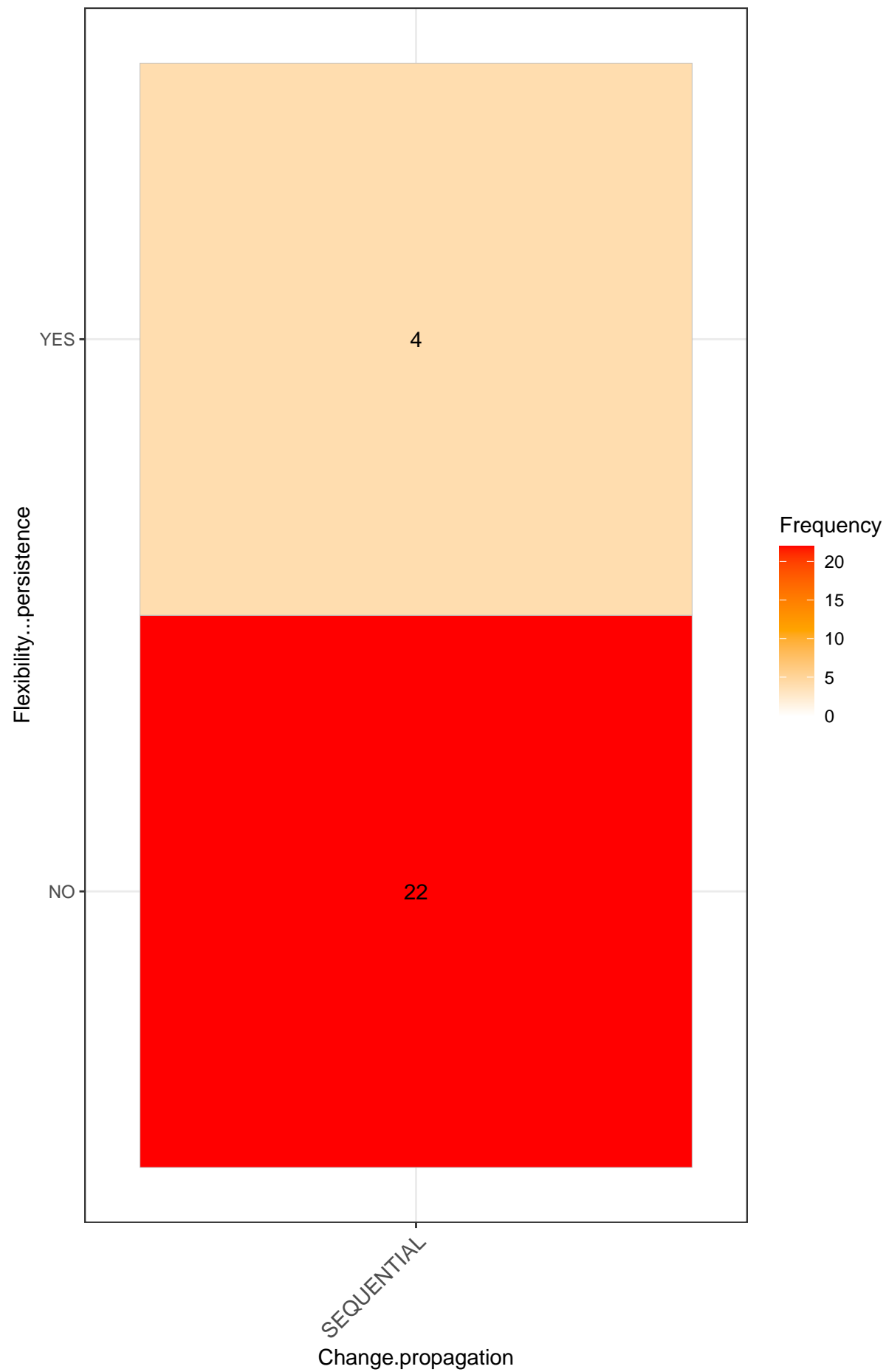
15
10
5
0



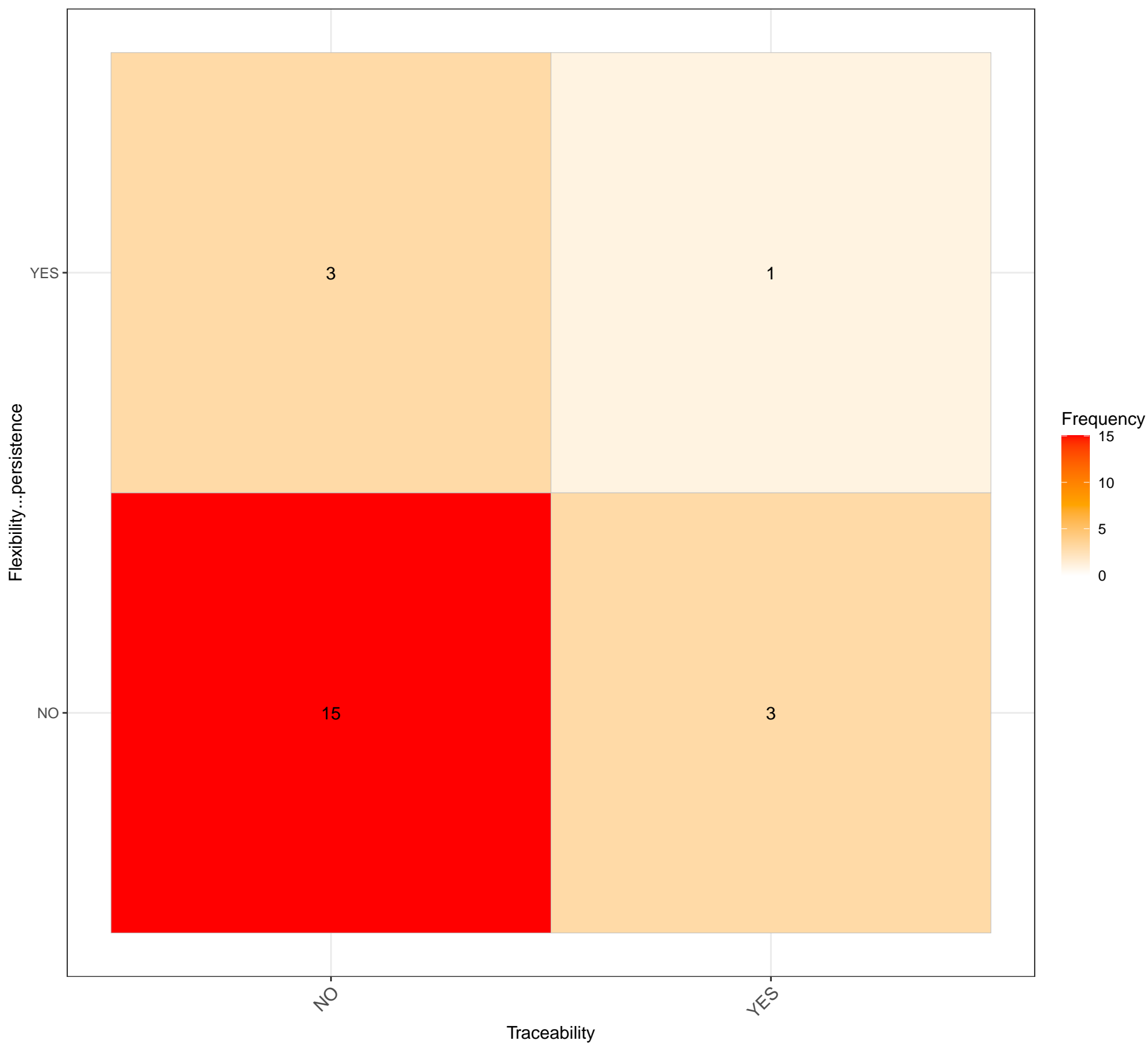
Flexibility...persistence_____Platform (Chi sq w/ Yates p= 0.8828, p= 0.8828)



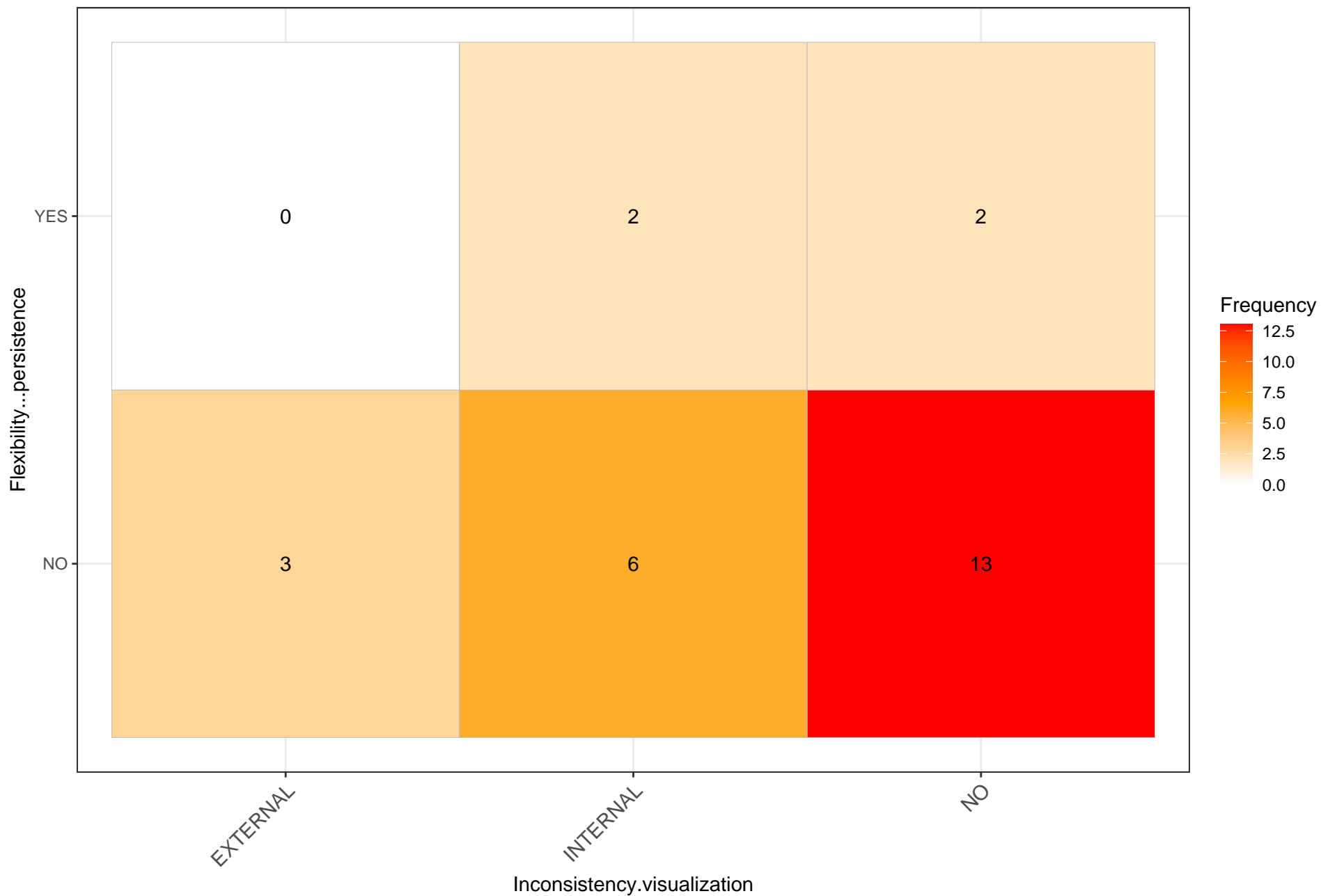
Flexibility...persistence_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



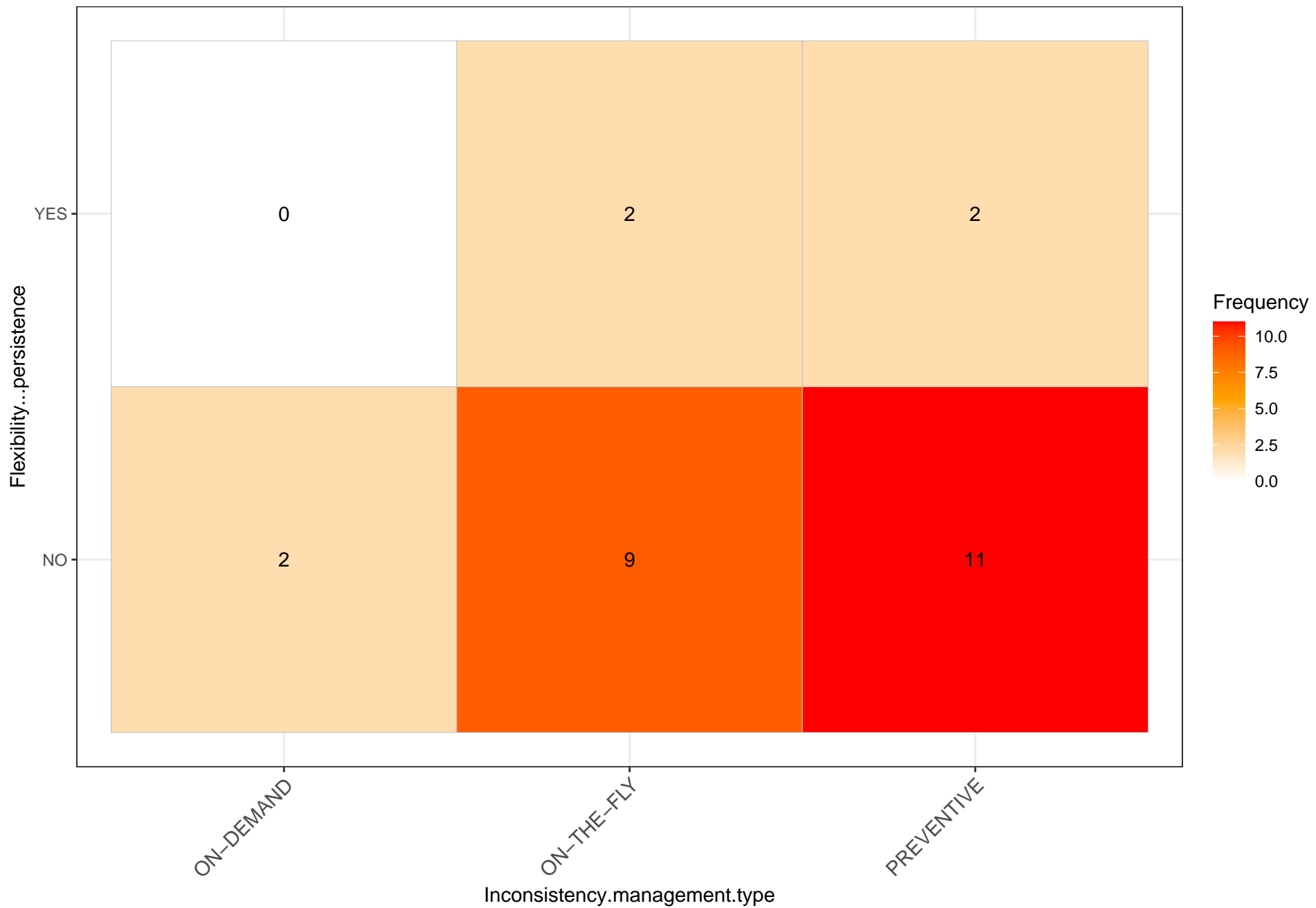
Flexibility...persistence_____Traceability (Chi sq w/ Yates p= 1, p= 0.6959)



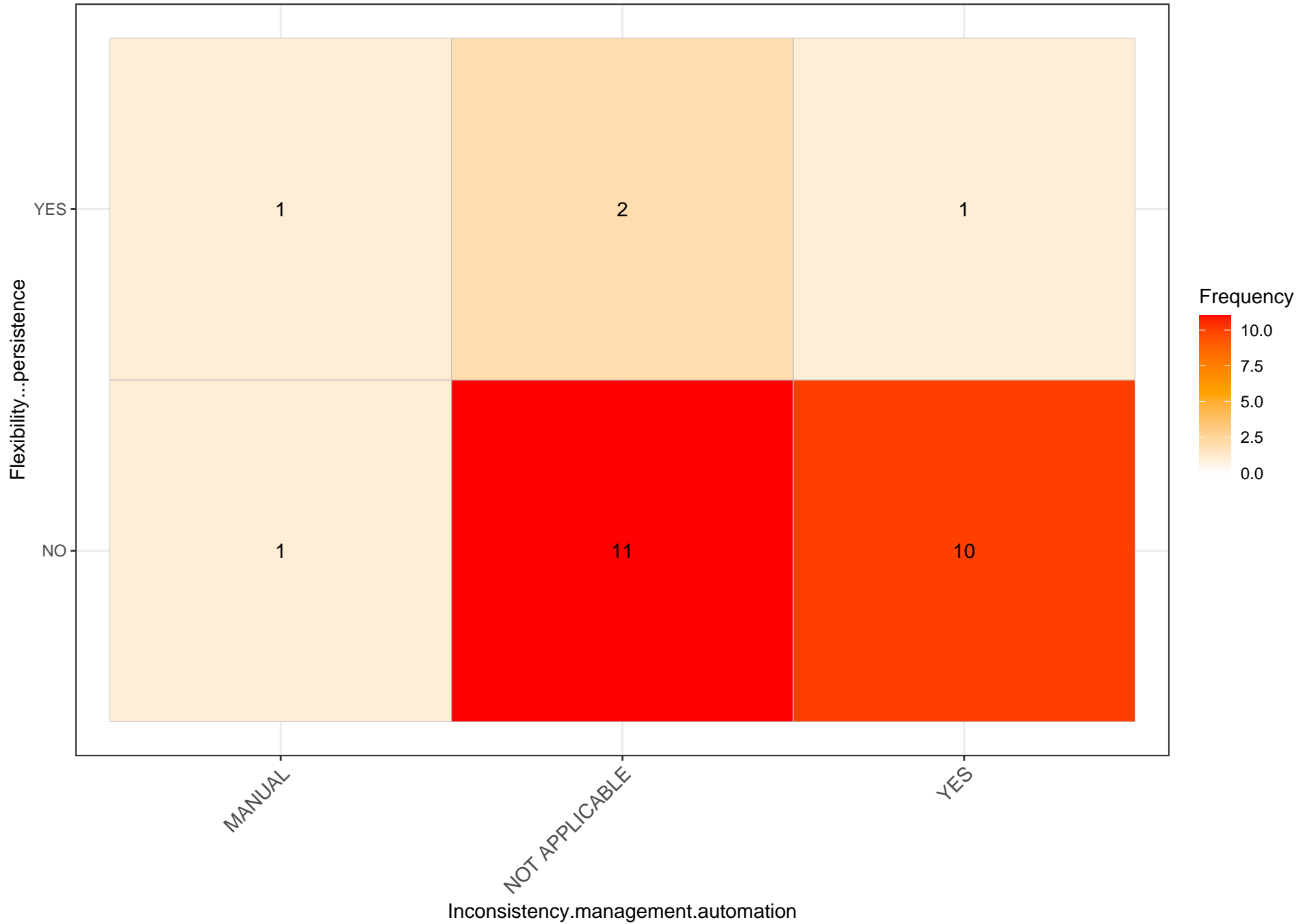
Flexibility...persistence_____Inconsistency.visualization (Chi sq w/ Yates p= 0.5593, p= 0.5593)



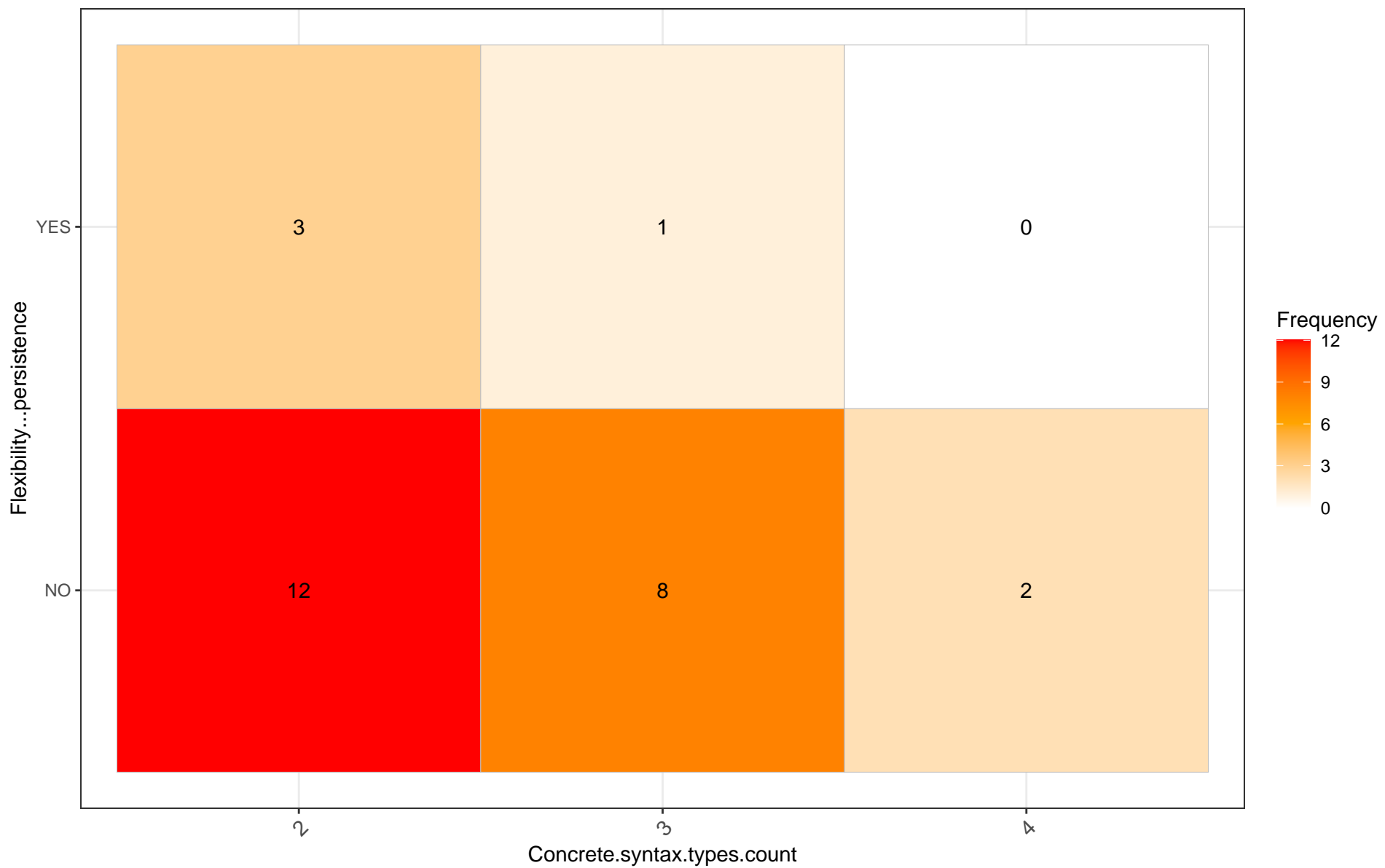
Flexibility...persistence_____Inconsistency.management.type (Chi sq w/ Yates p= 0.8066, p= 0.8066)



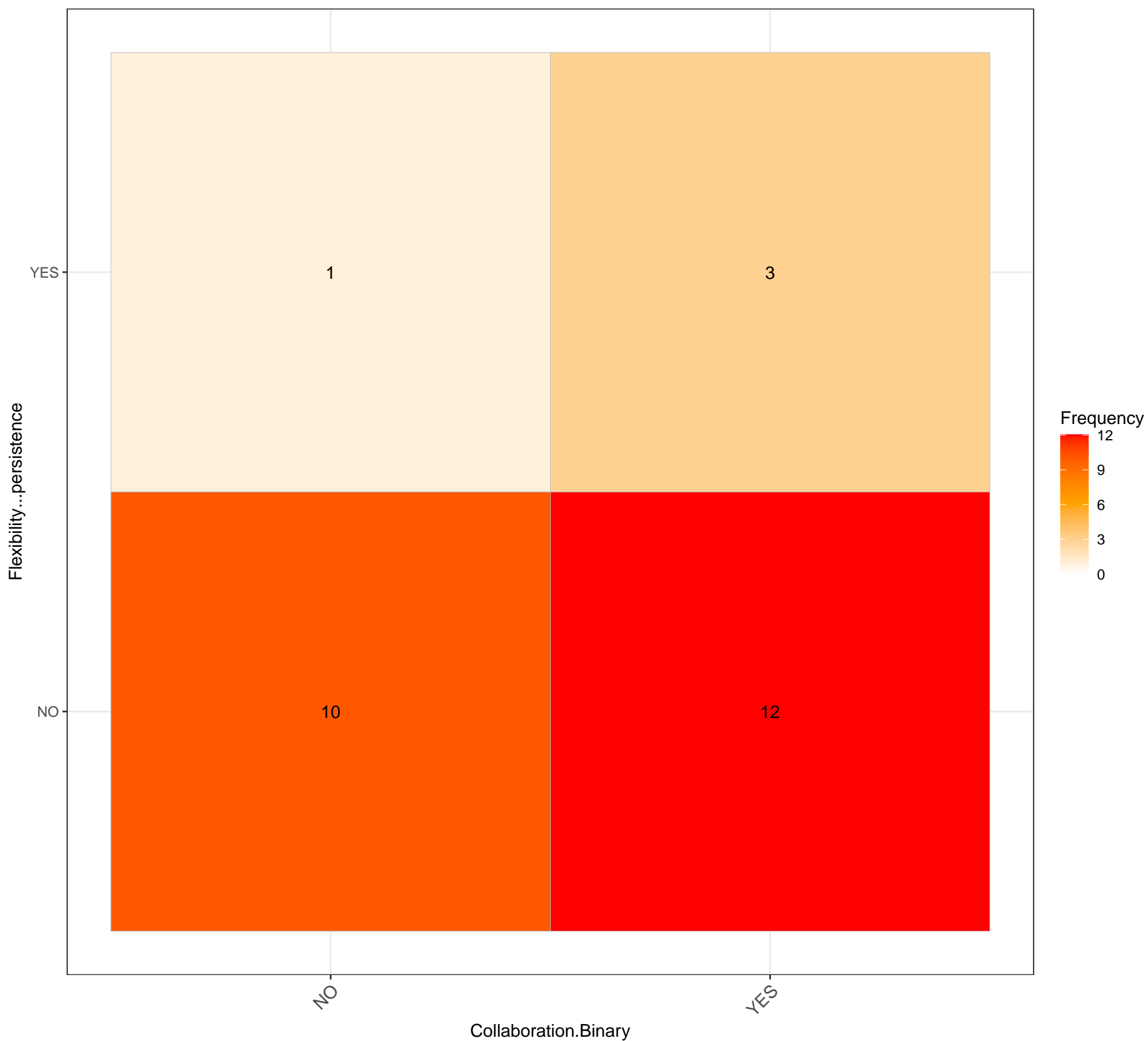
Flexibility...persistence_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.337, p= 0.337)



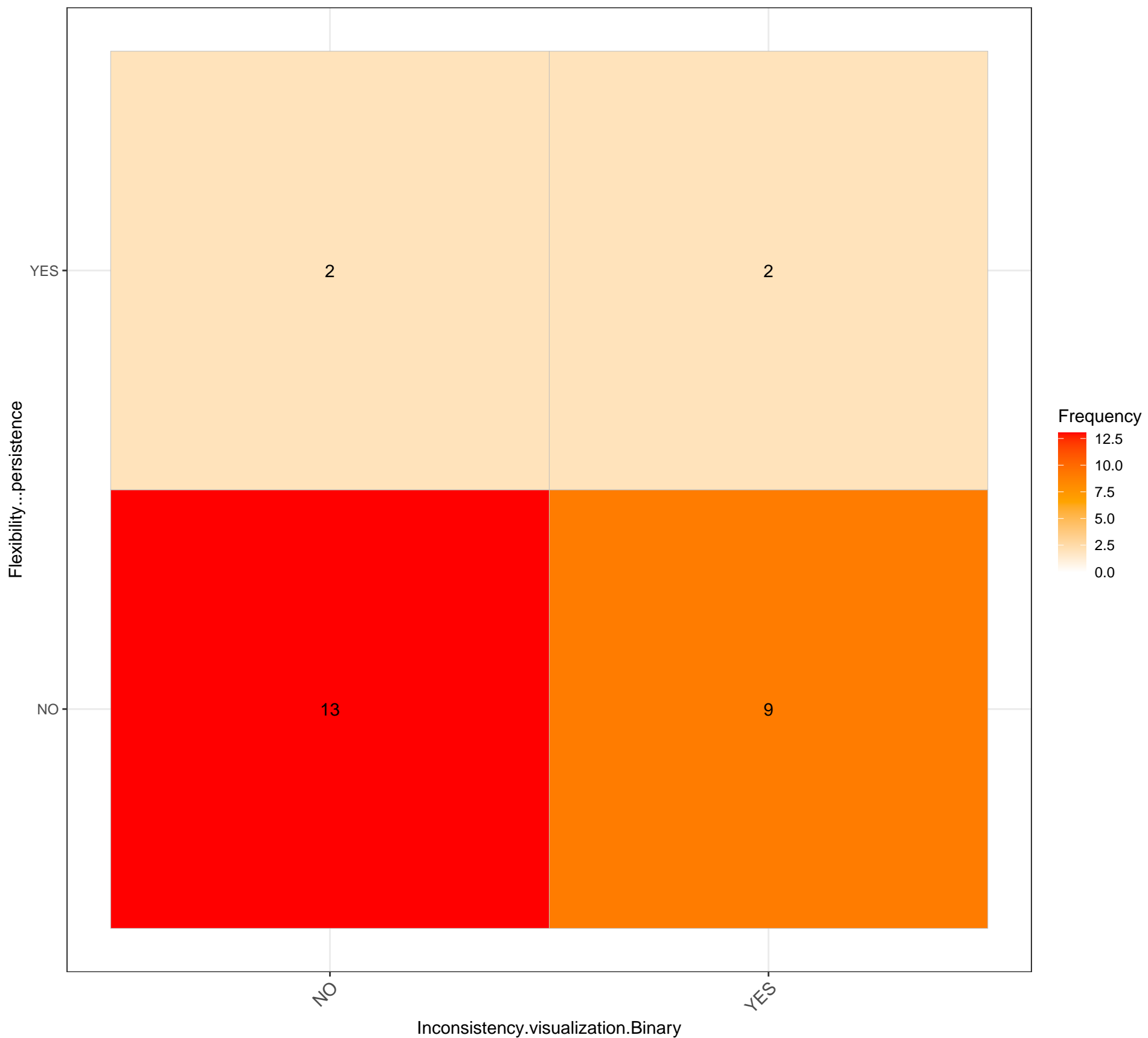
Flexibility...persistence_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.6923, p= 0.6923)



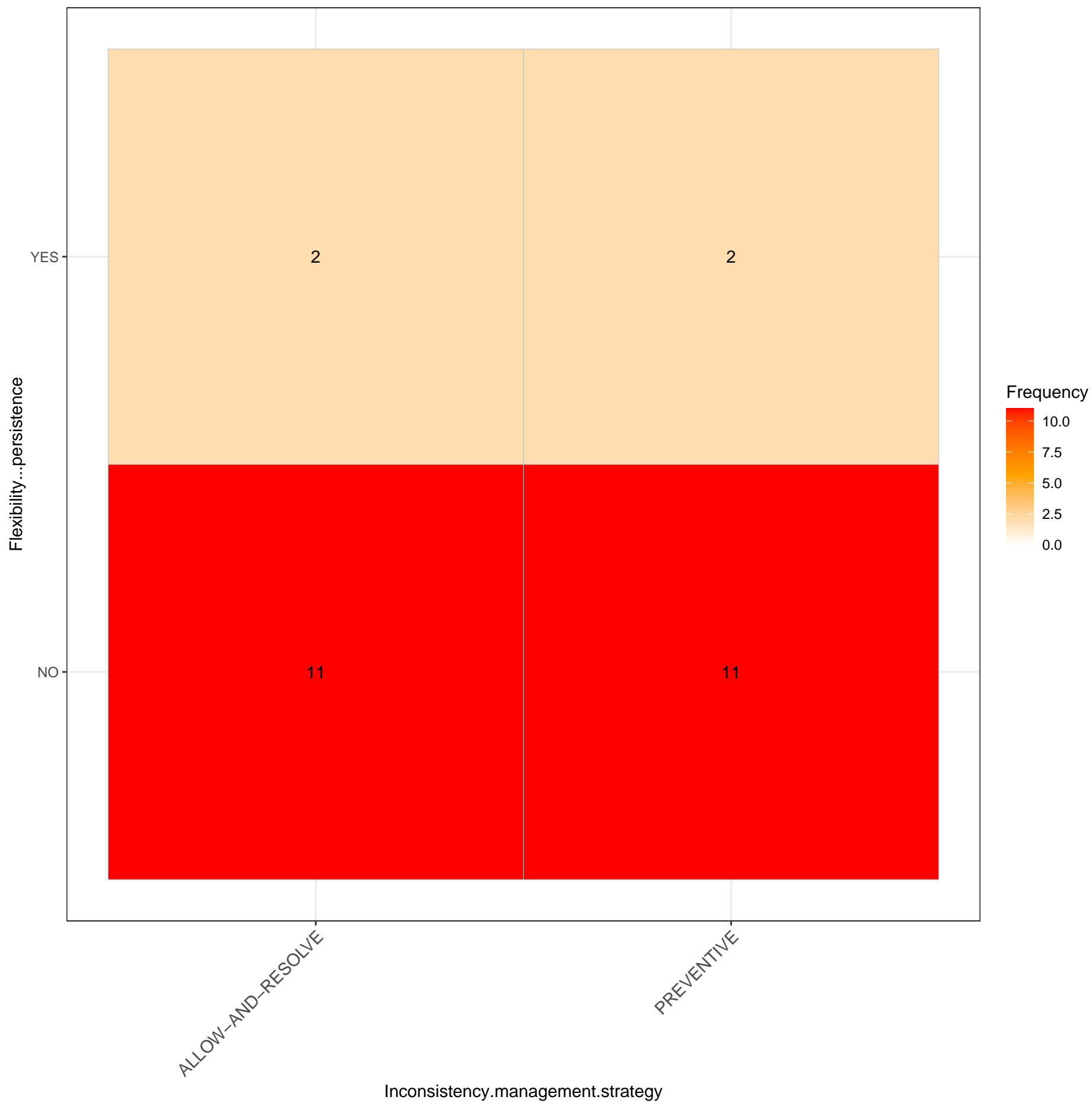
Flexibility...persistence_____Collaboration.Binary (Chi sq w/ Yates p= 0.8324, p= 0.4462)



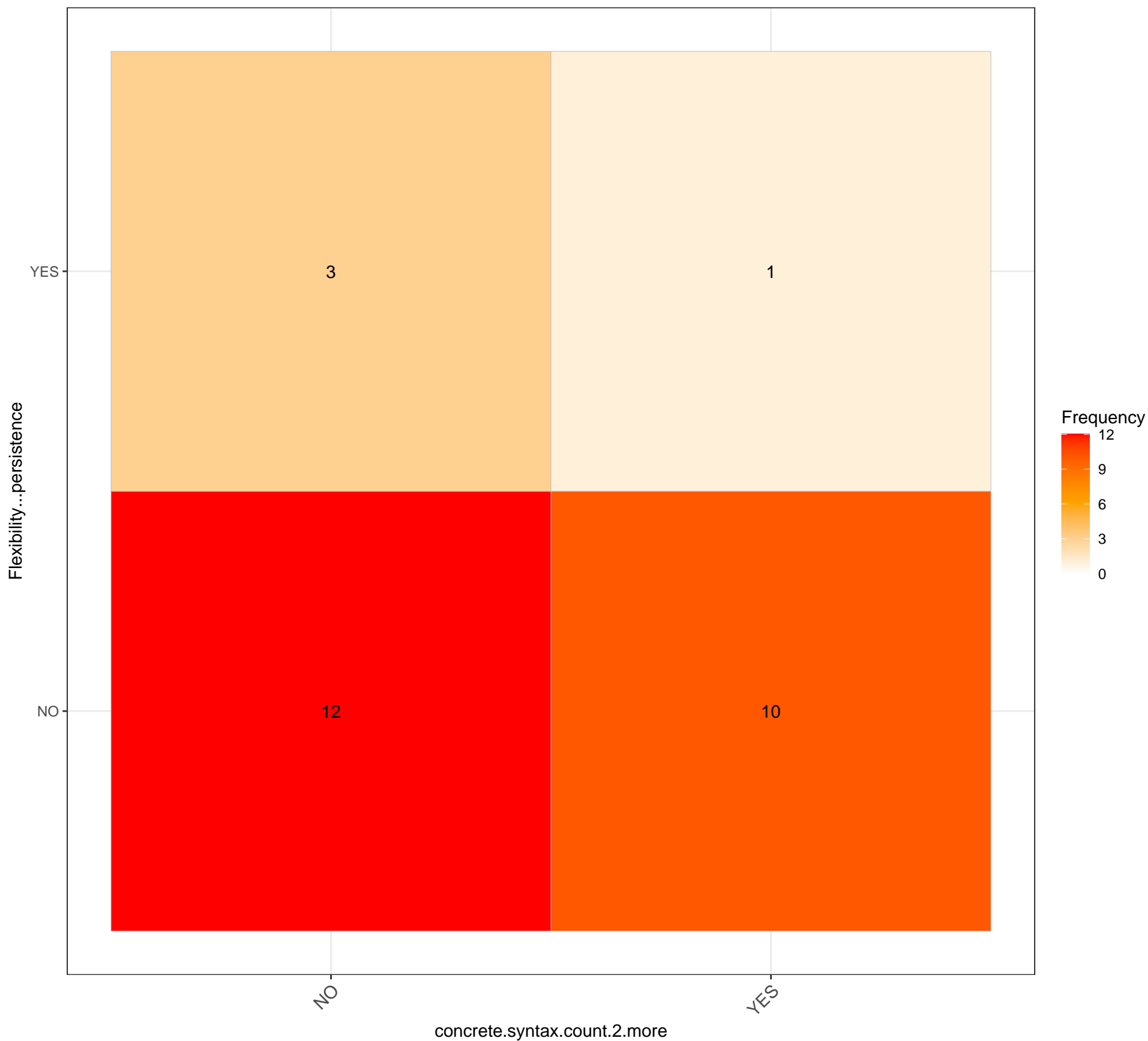
Flexibility...persistence_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 1, p= 0.735)



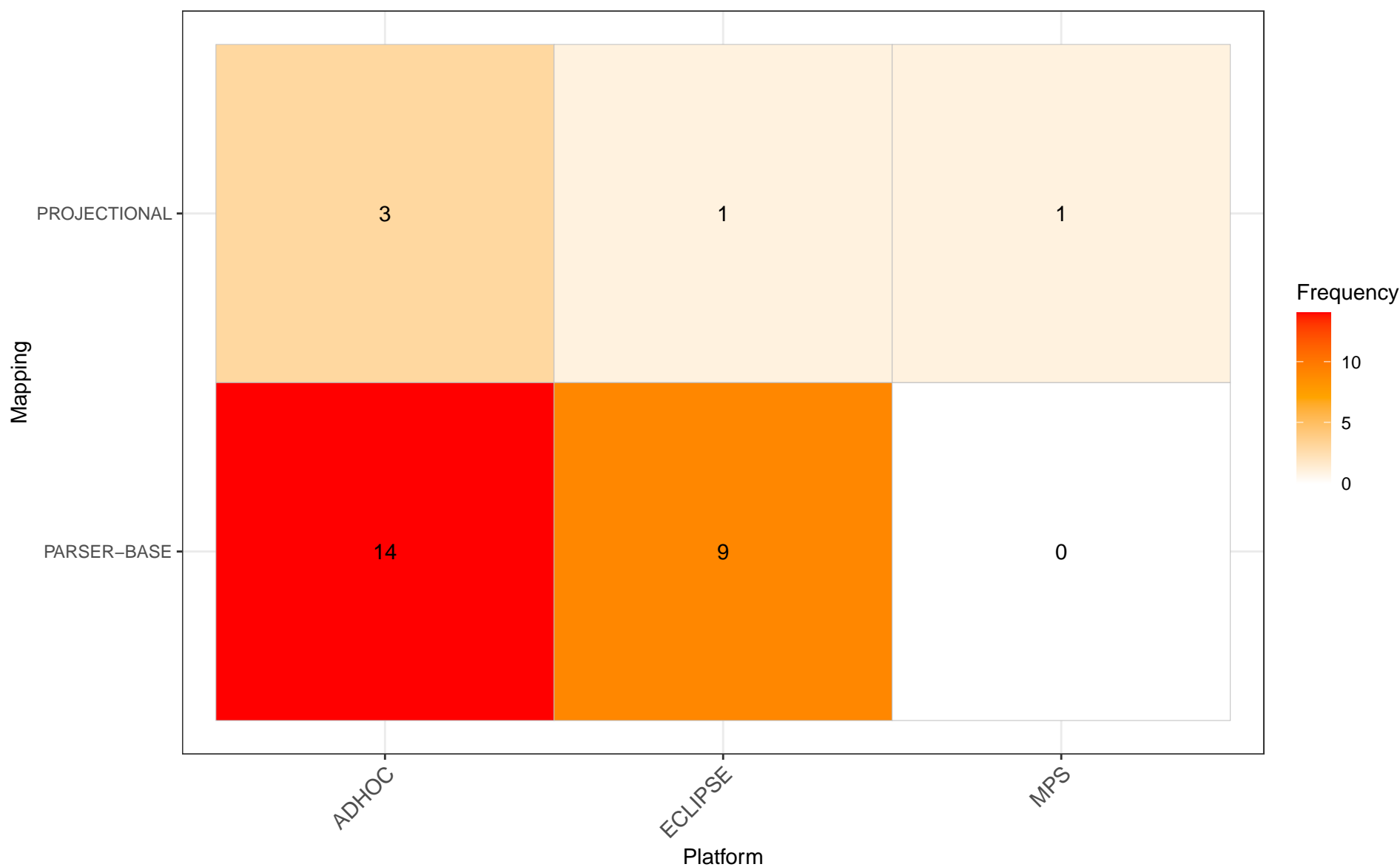
Flexibility...persistence_____Inconsistency.management.strategy (Chi sq w/ Yates p= 1, p= 1)



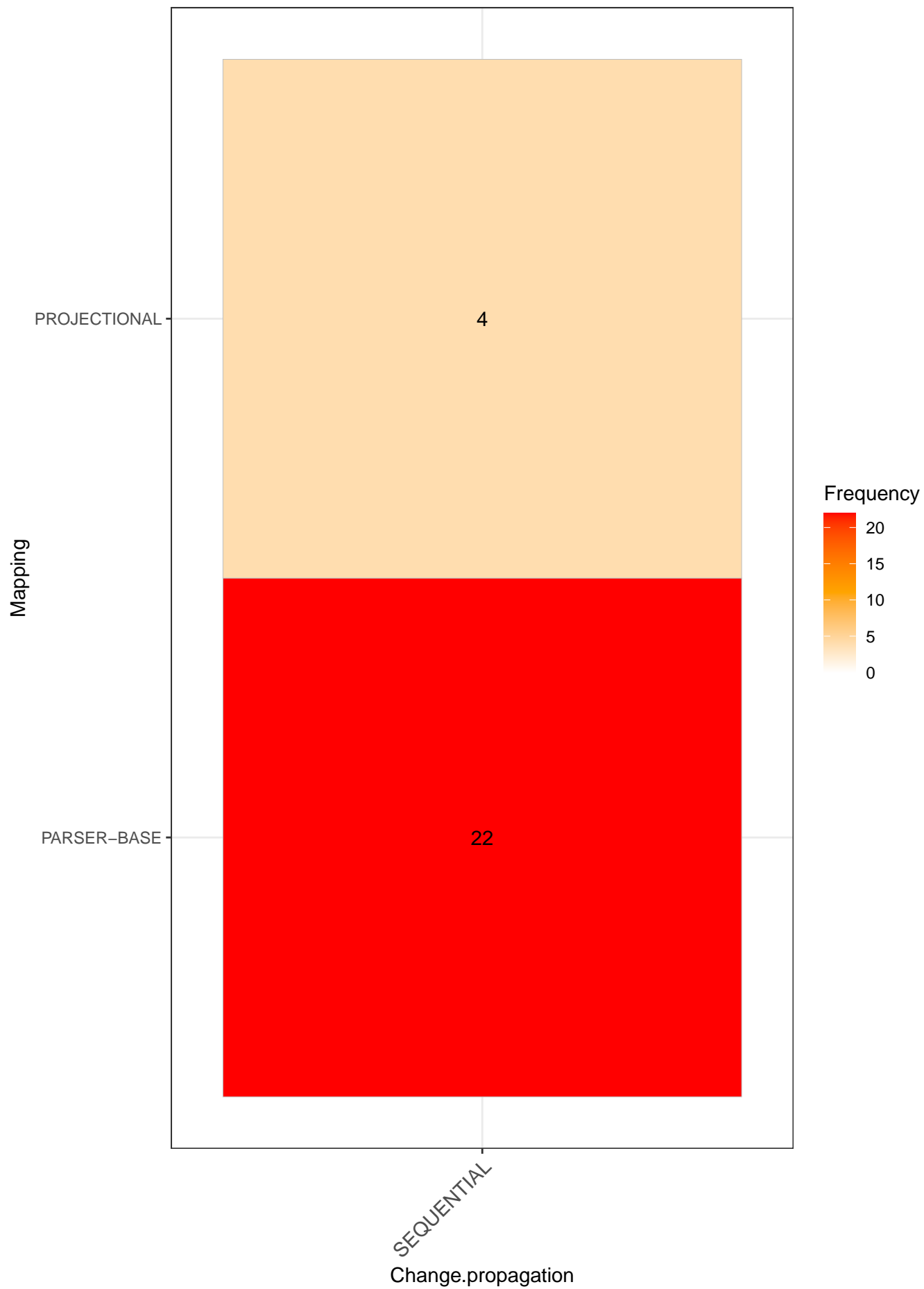
Flexibility...persistence_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.8324, p= 0.4462)



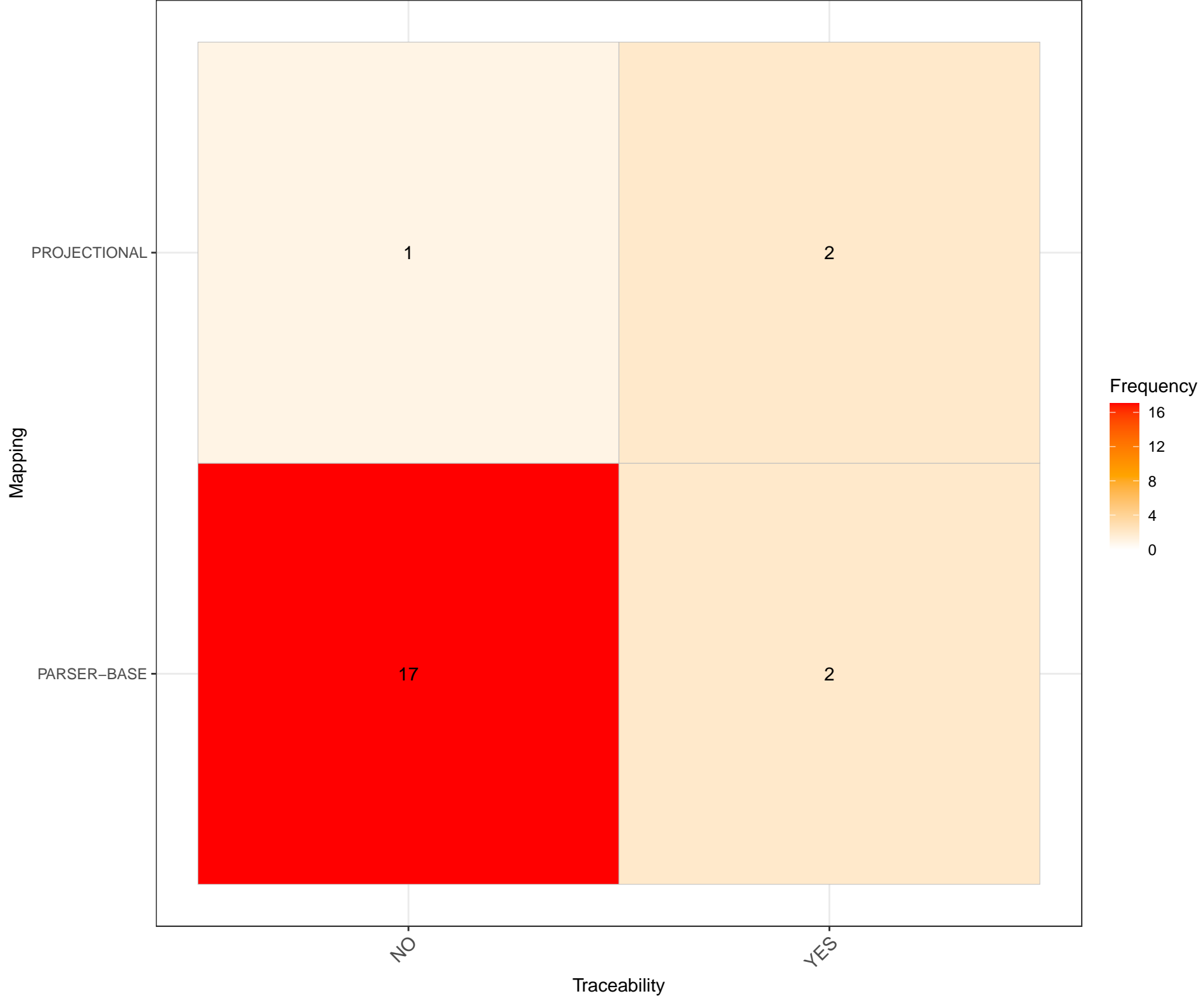
Mapping_____Platform (Chi sq w/ Yates p= 0.0812, p= 0.0812)



Mapping_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



Mapping_____Traceability (Chi sq w/ Yates p= 0.1242, p= 0.0191)



Mapping_____Inconsistency.visualization (Chi sq w/ Yates p= 0.6564, p= 0.6564)

Mapping

PROJECTIONAL

PARSER-BASE

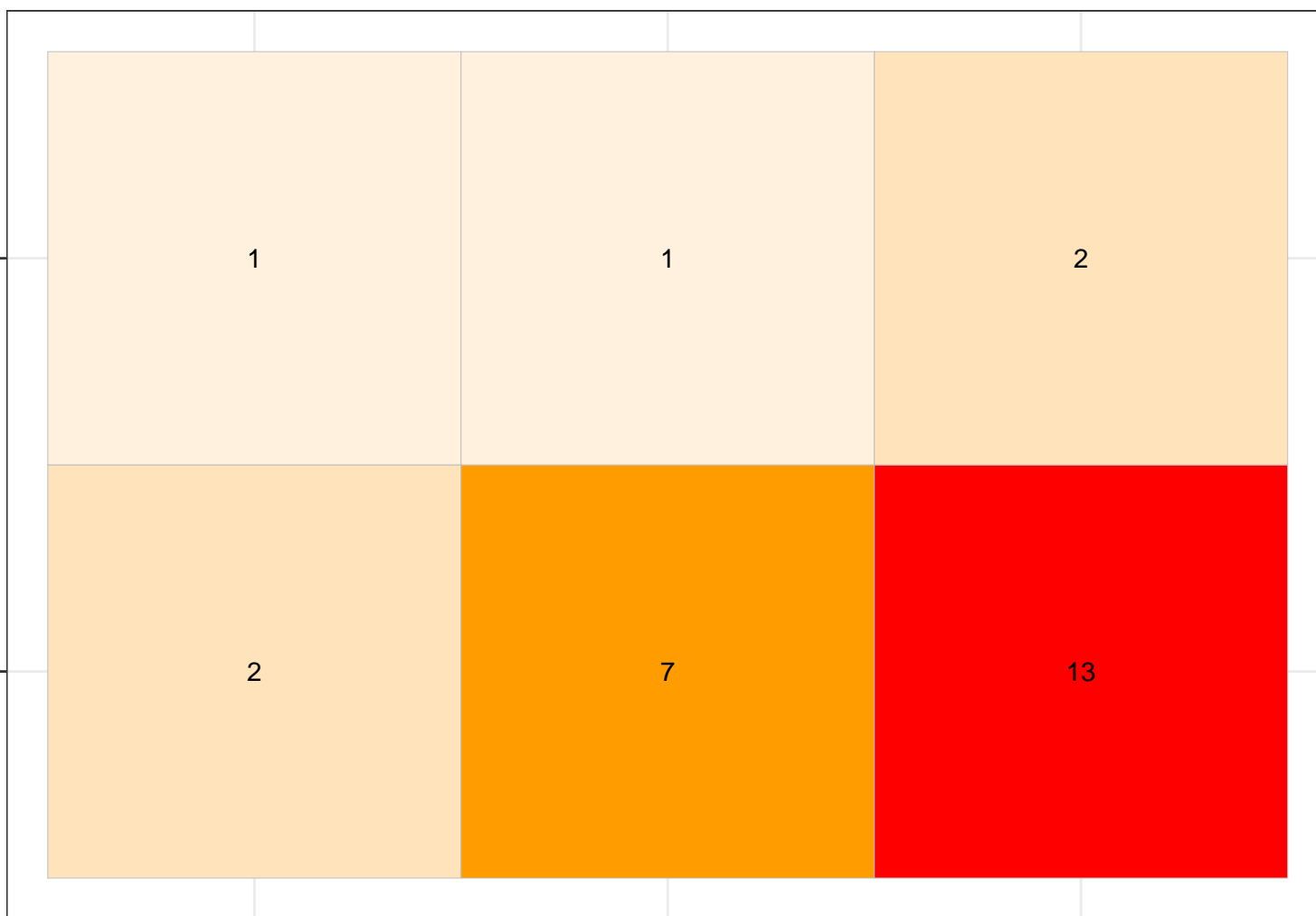
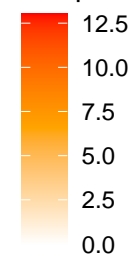
EXTERNAL

INTERNAL

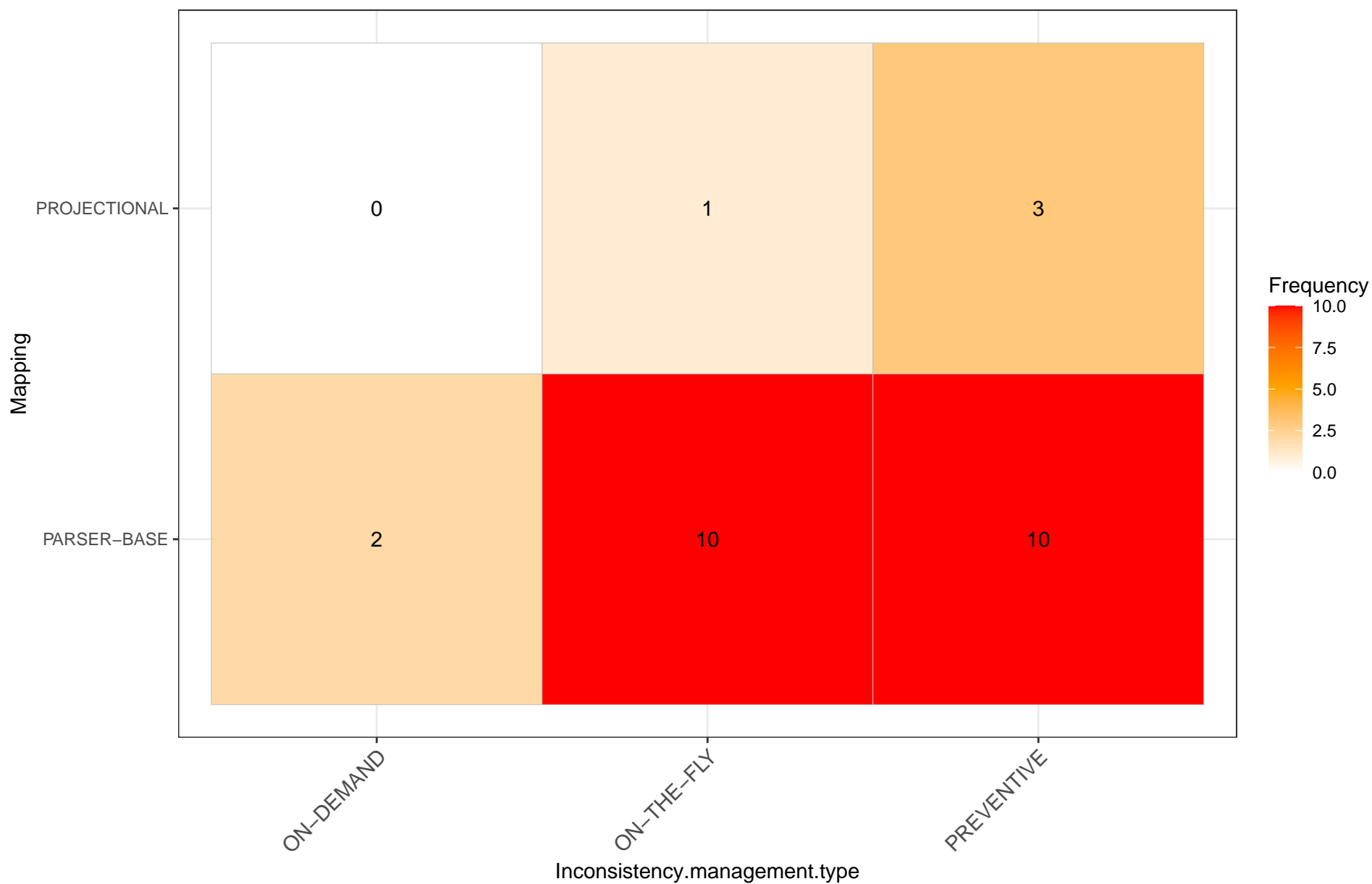
NO

Inconsistency.visualization

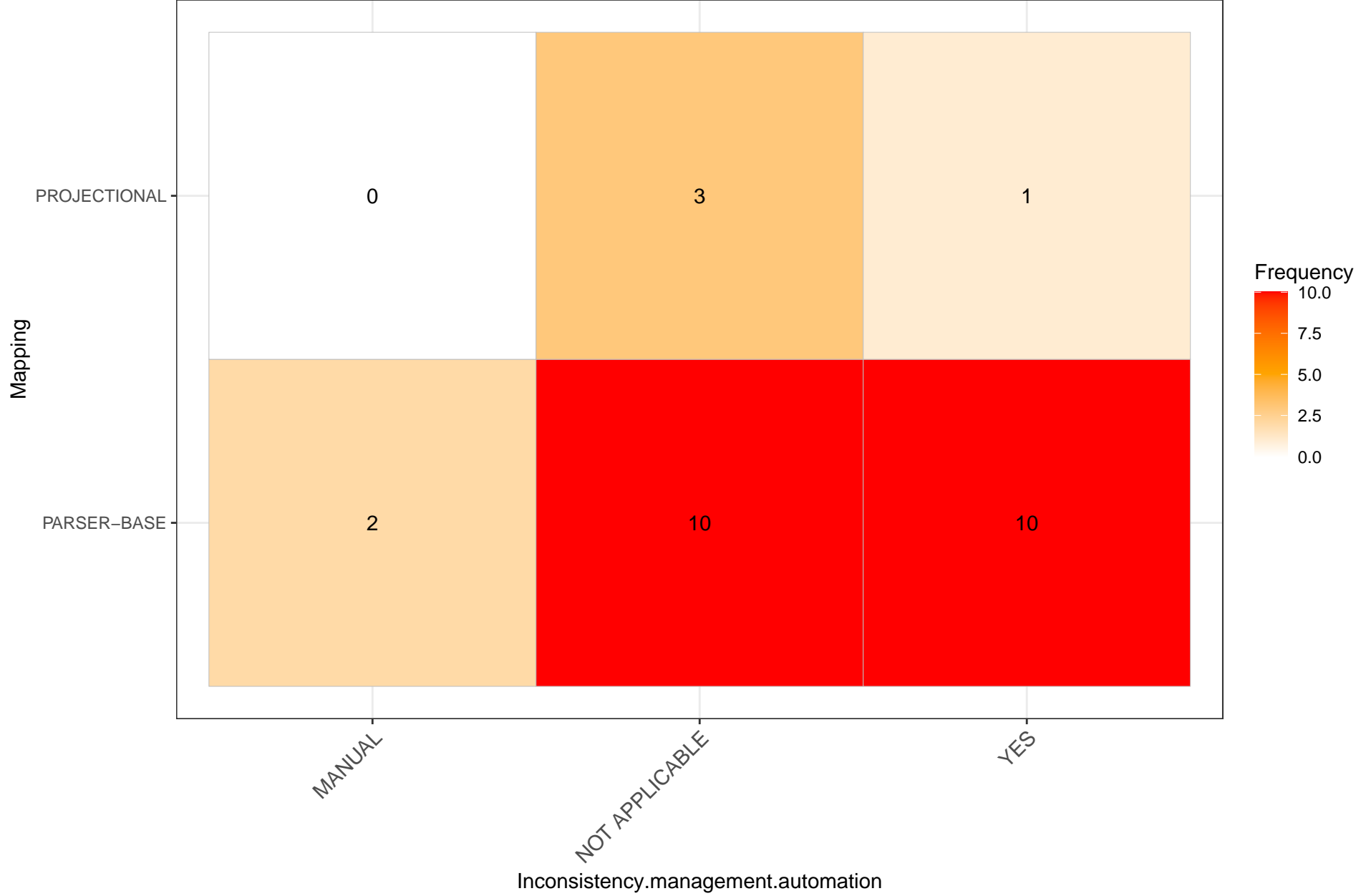
Frequency



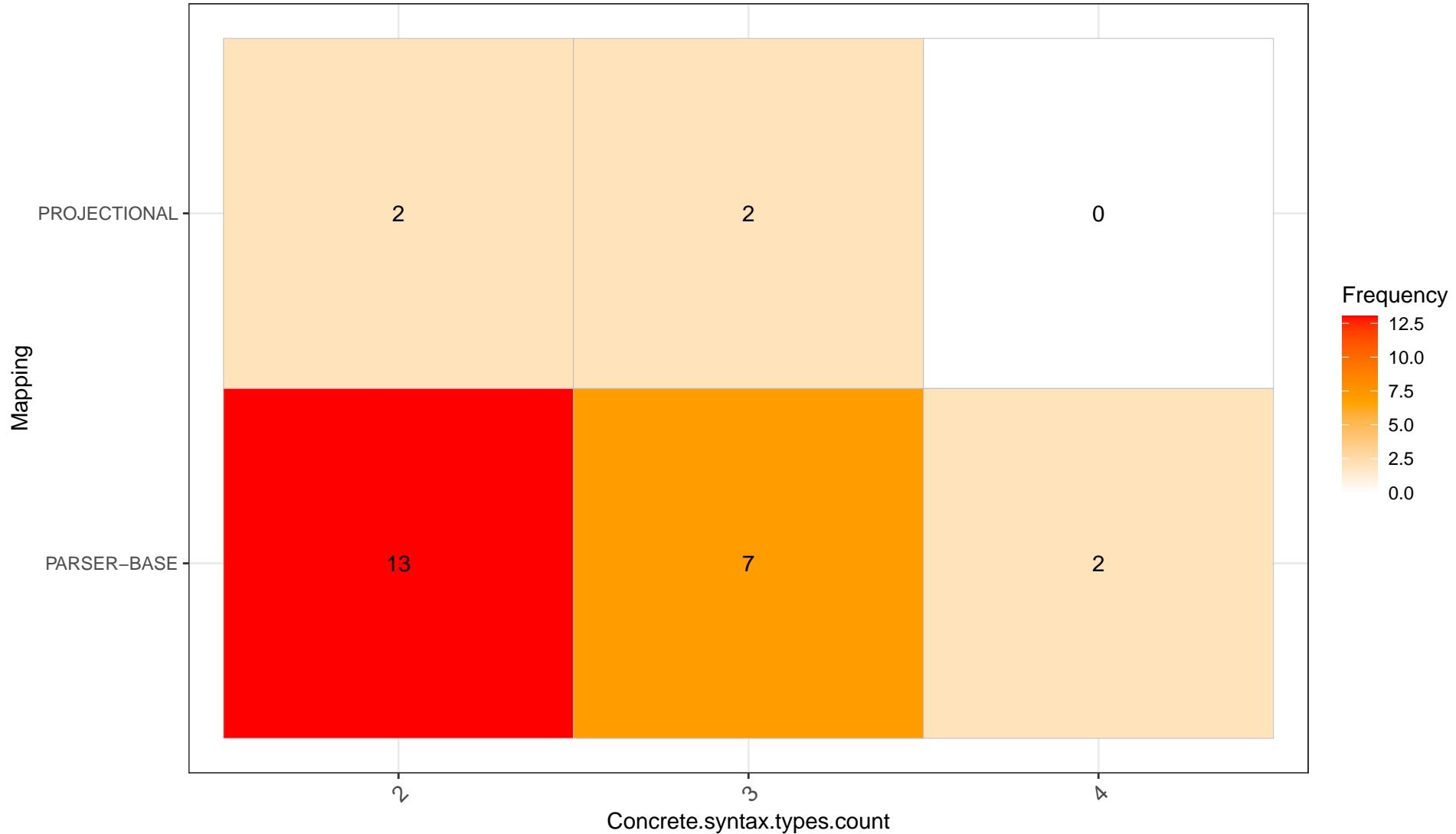
Mapping_____Inconsistency.management.type (Chi sq w/ Yates p= 0.5249, p= 0.5249)



Mapping_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.5249, p= 0.5249)



Mapping_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.6923, p= 0.6923)



Mapping_____Collaboration.Binary (Chi sq w/ Yates p= 0.8324, p= 0.4462)

Mapping

PROJECTIONAL

1

3

PARSER-BASE

10

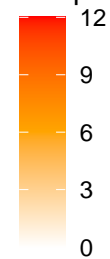
12

NO

YES

Collaboration.Binary

Frequency



Mapping_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 1, p= 0.735)

Mapping

PROJECTIONAL

2

2

PARSER-BASE

13

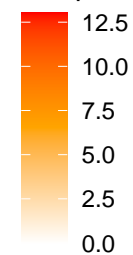
9

NO

YES

Inconsistency.visualization.Binary

Frequency



Mapping_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.5867, p= 0.277)

Mapping

PROJECTIONAL

1

3

PARSER-BASE

12

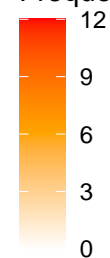
10

ALLOW-AND-RESOLVE

PREVENTIVE

Inconsistency.management.strategy

Frequency



Mapping_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 1, p= 0.735)

Mapping

PROJECTIONAL

2

2

PARSER-BASE

13

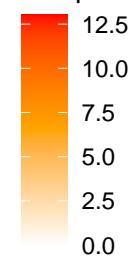
9

NO

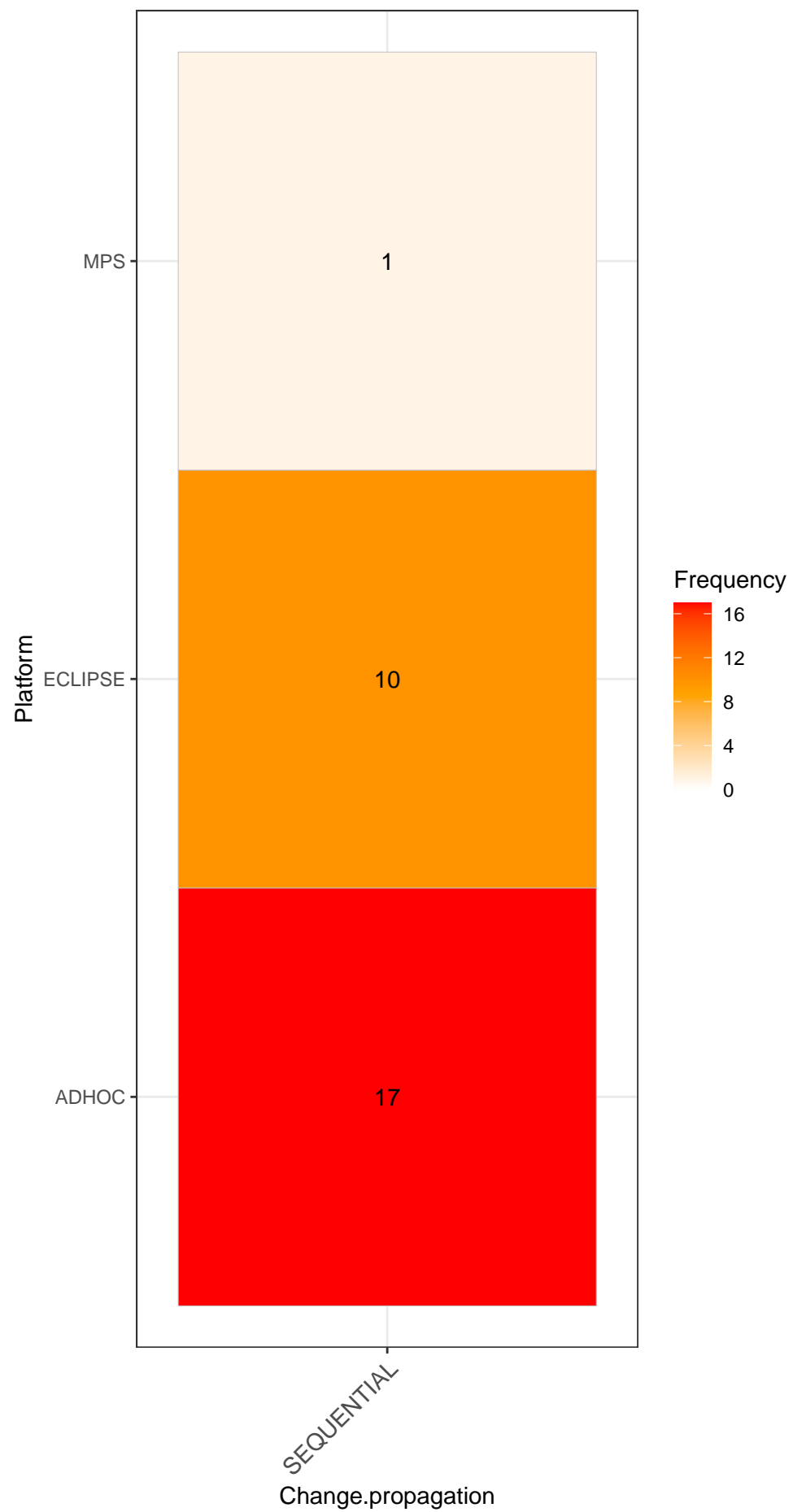
YES

concrete.syntax.count.2.more

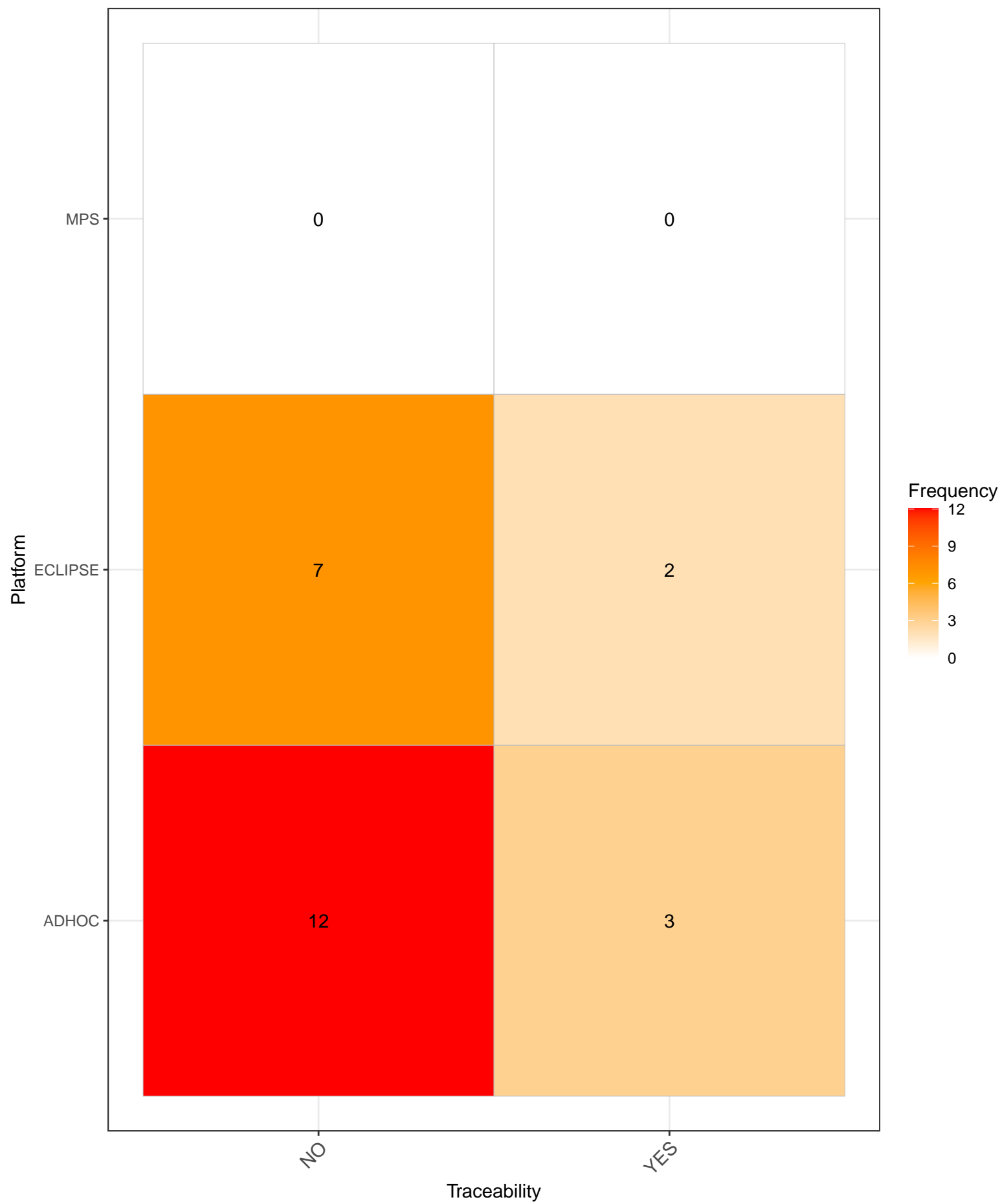
Frequency



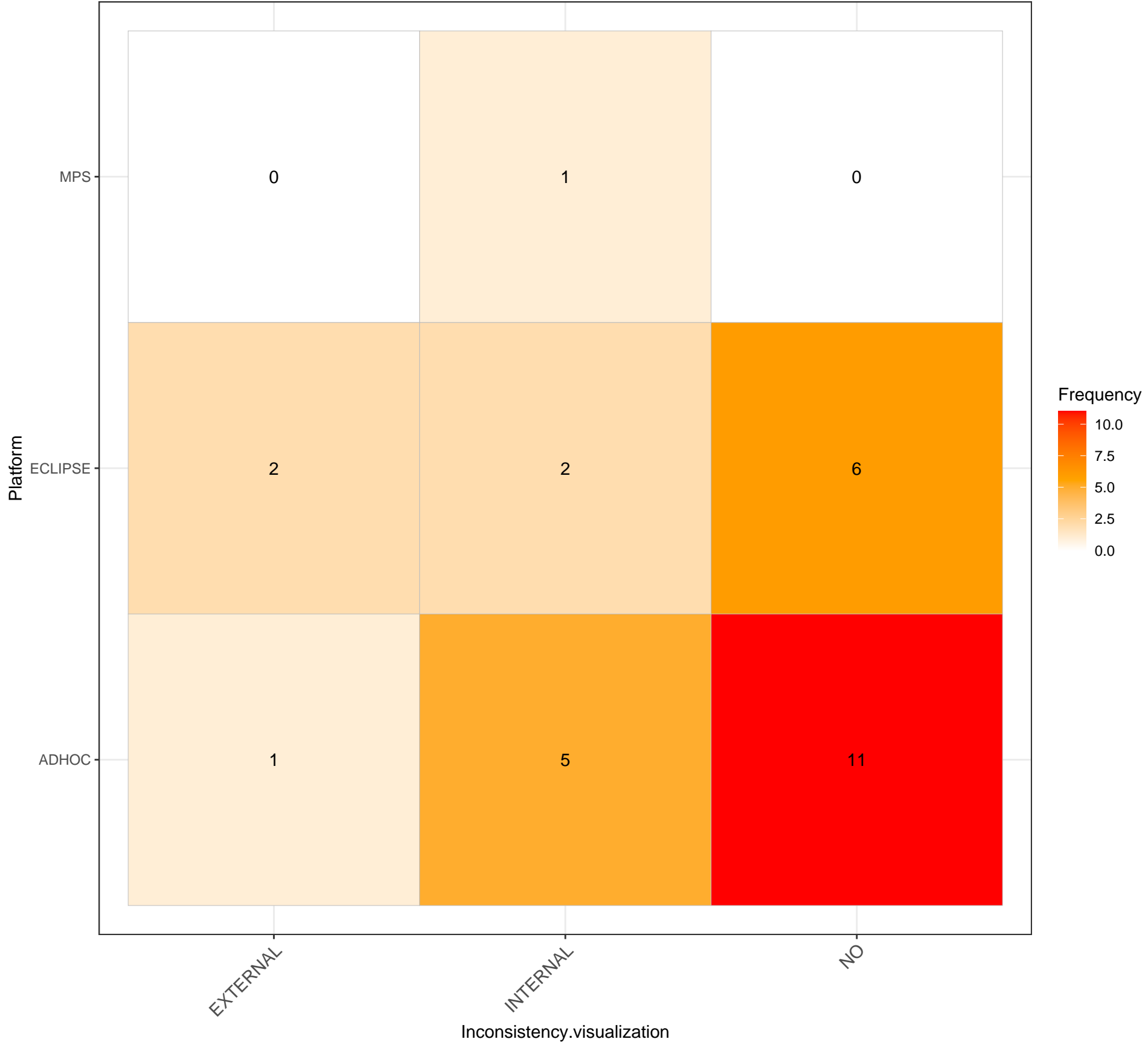
Platform_____Change.propagation (Chi sq w/ Yates p= 1, p= 1)



Platform_____Traceability (Chi sq w/ Yates p= 1, p= 0.8967)



Platform_____Inconsistency.visualization (Chi sq w/ Yates p= 0.4084, p= 0.4084)



Platform_____Inconsistency.management.type (Chi sq w/ Yates p= 0.2082, p= 0.2082)

Platform

MPS

ECLIPSE

ADHOC

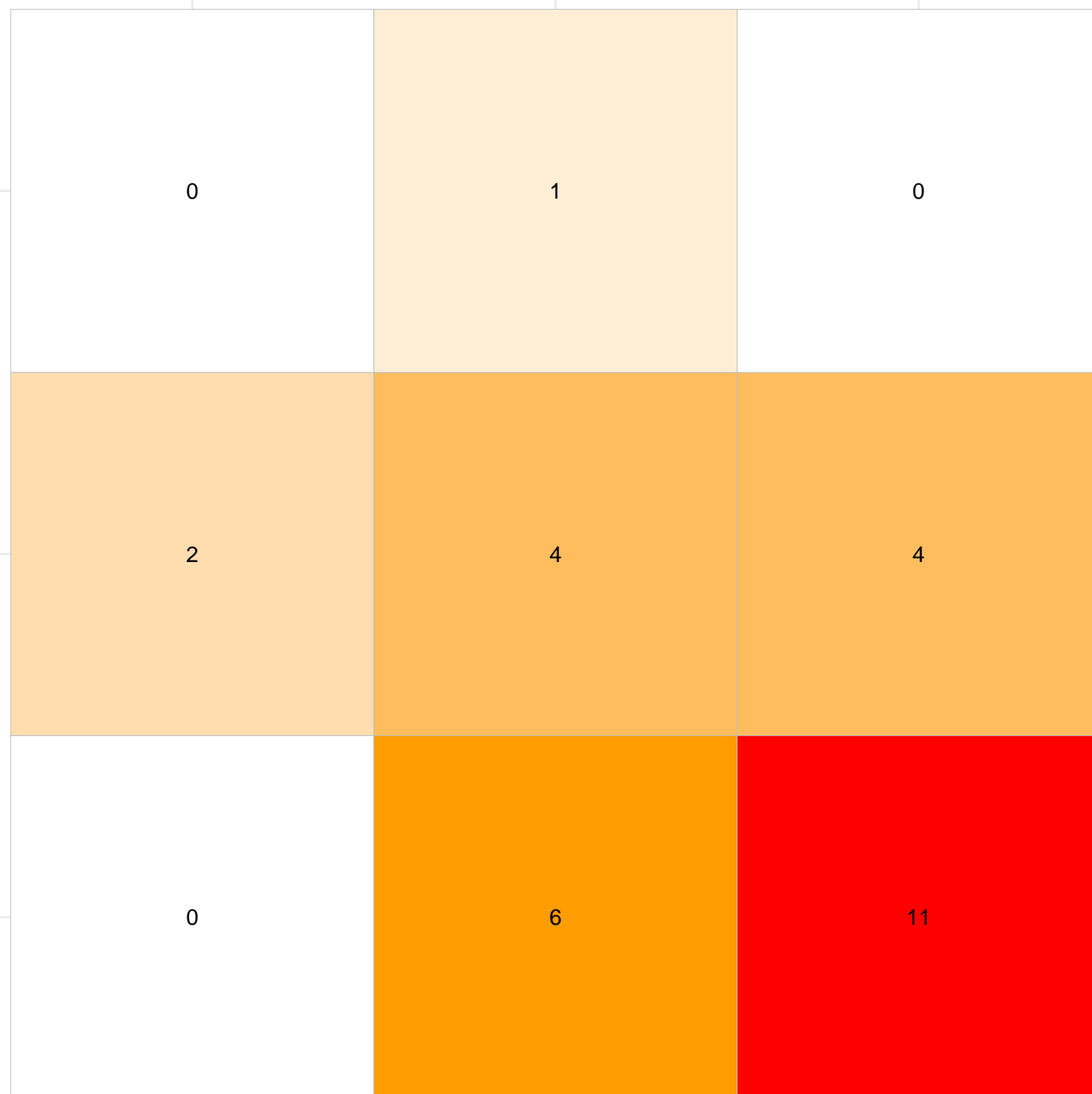
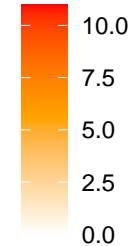
ON-DEMAND

ON-THE-FLY

PREVENTIVE

Inconsistency.management.type

Frequency



Platform_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.5332, p= 0.5332)

Platform

MPS

ECLIPSE

ADHOC

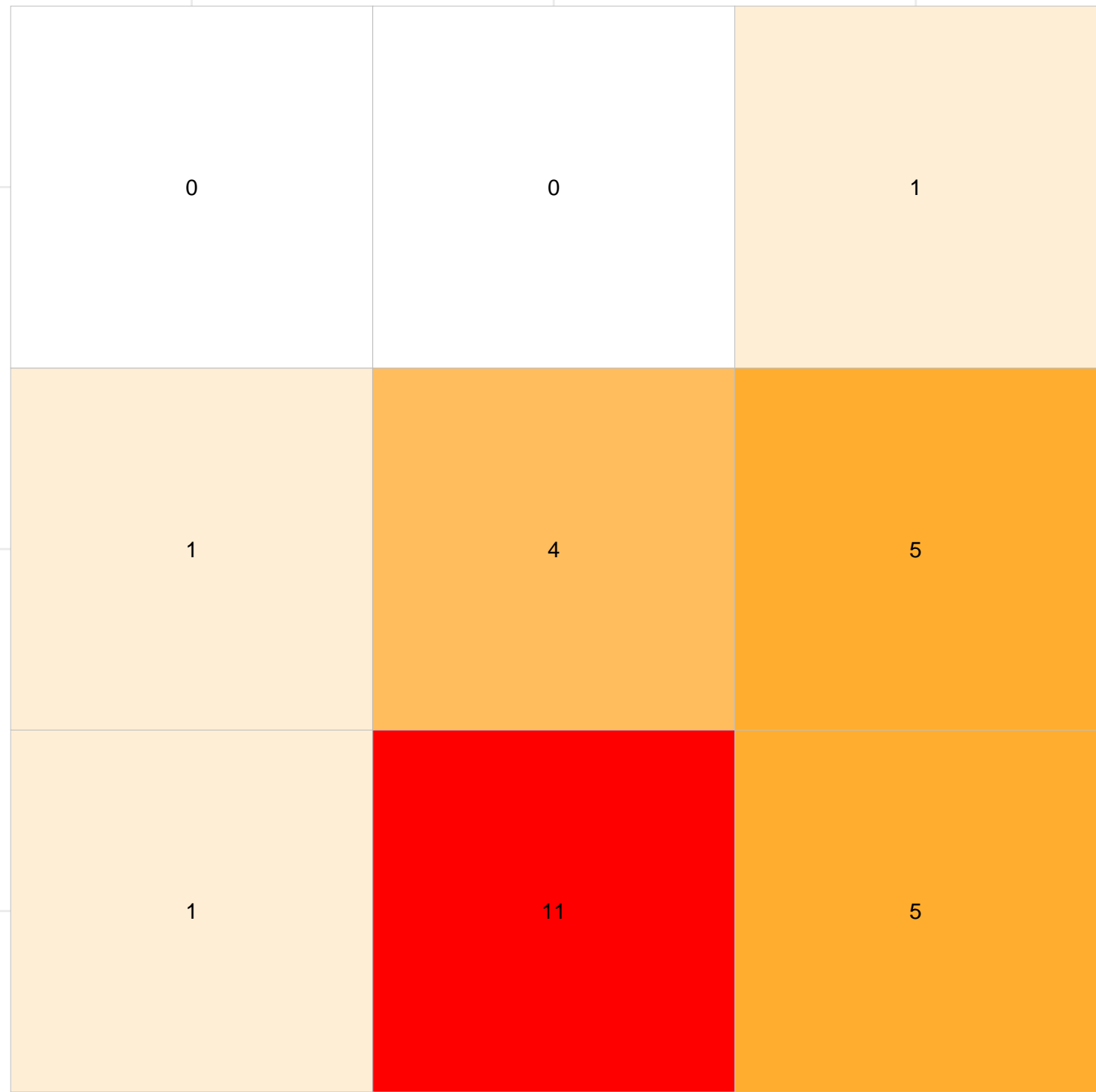
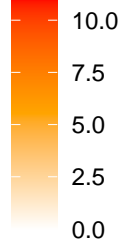
MANUAL

NOT APPLICABLE

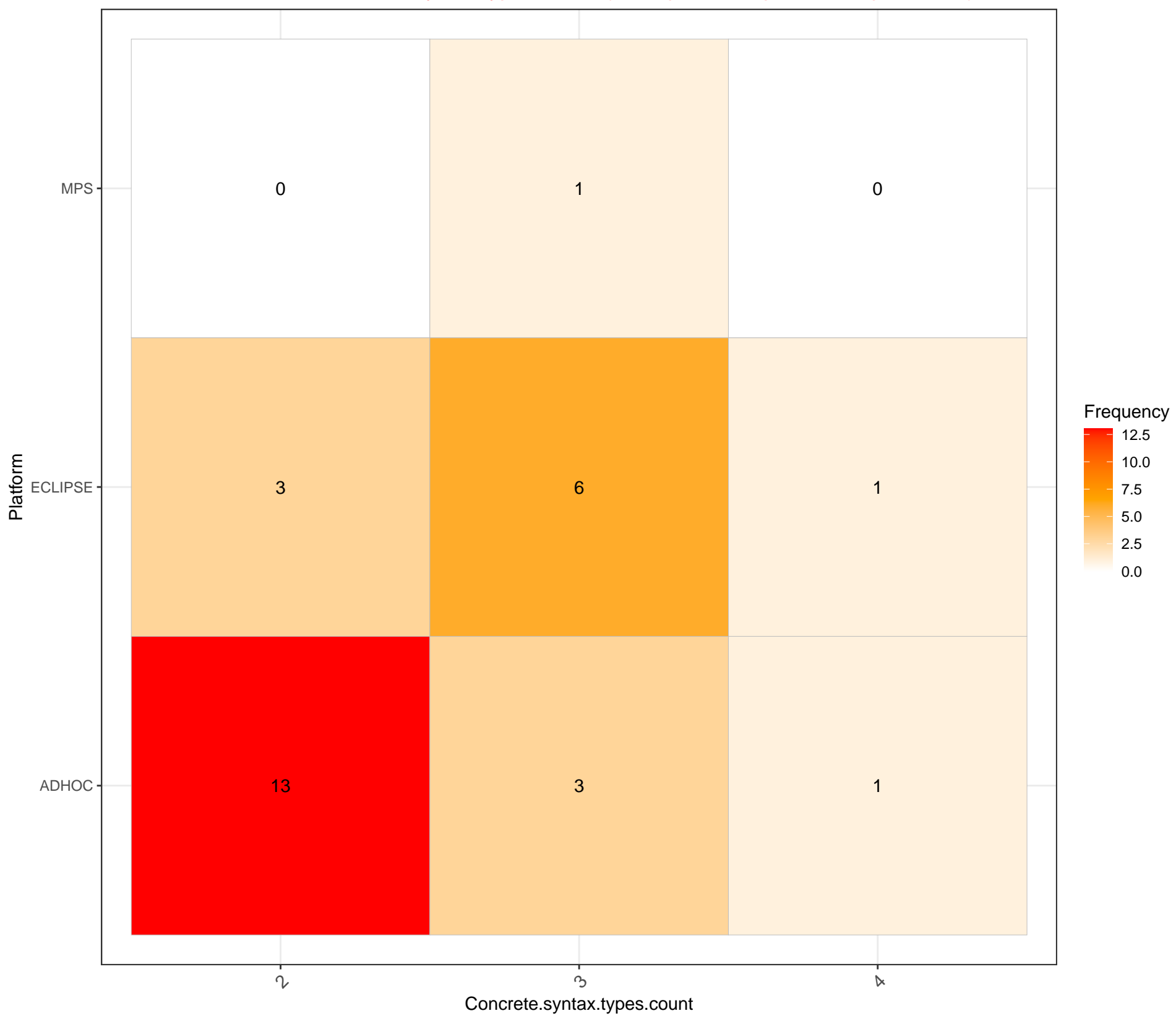
YES

Inconsistency.management.automation

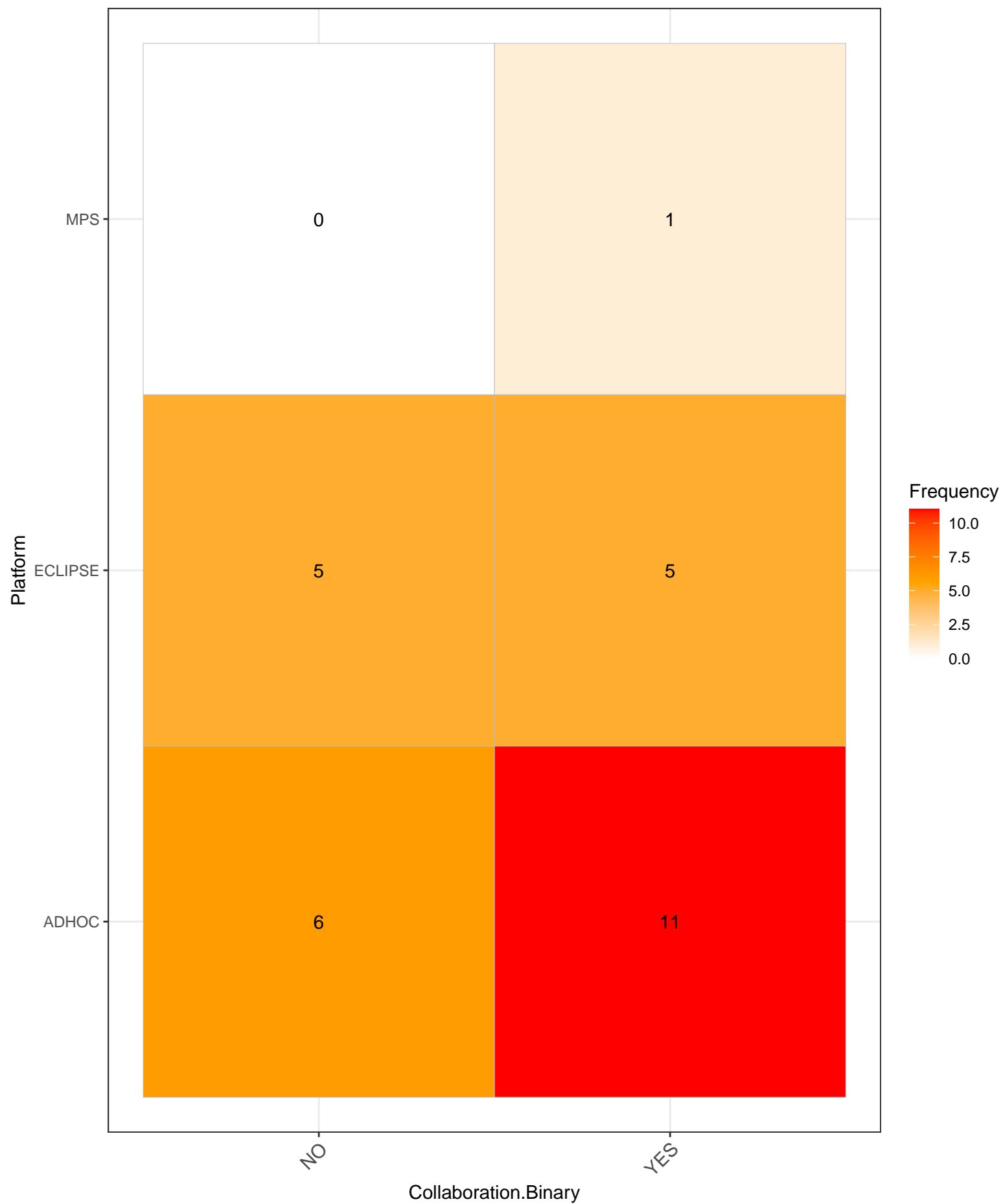
Frequency



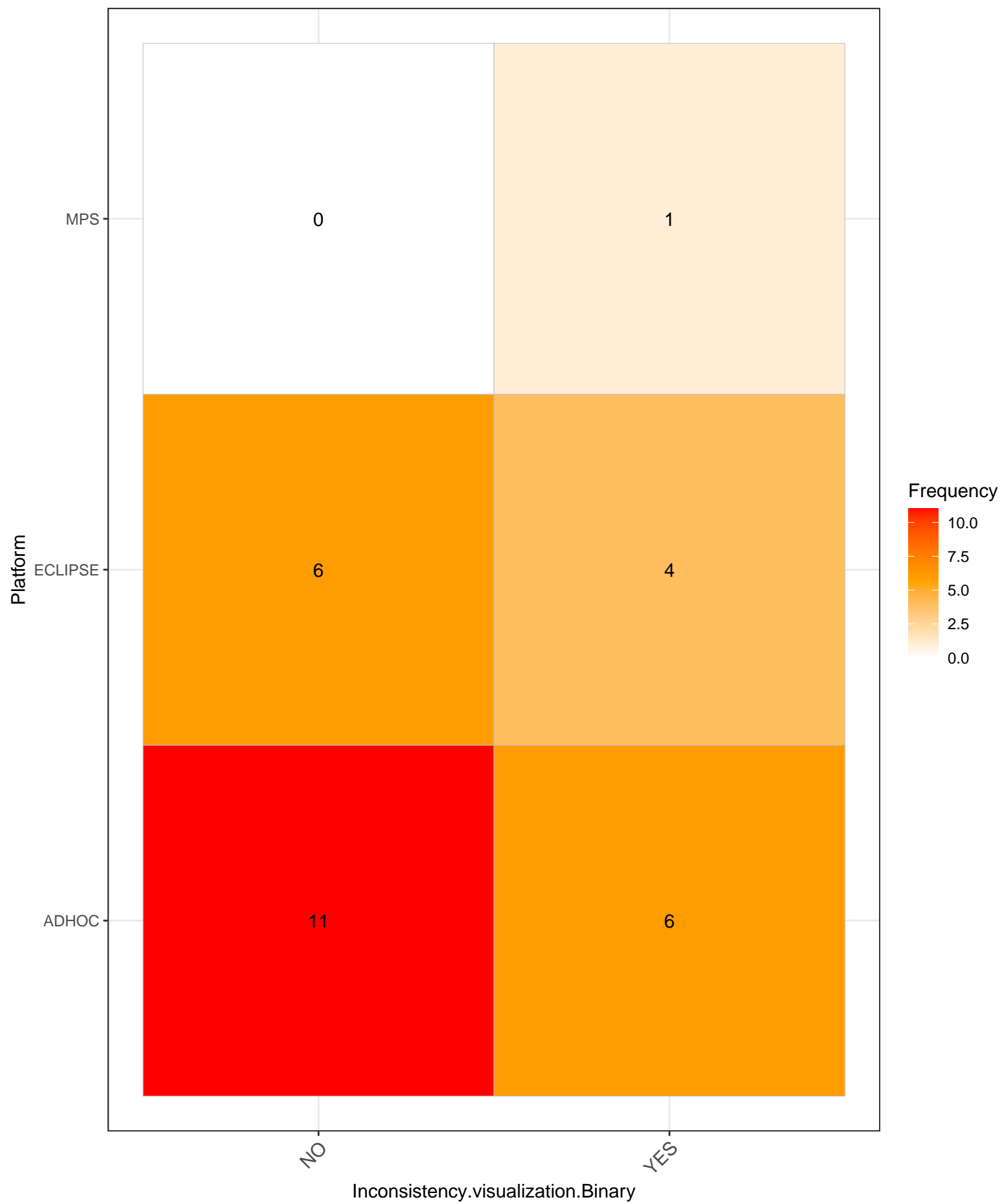
Platform_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.1092, p= 0.1092)



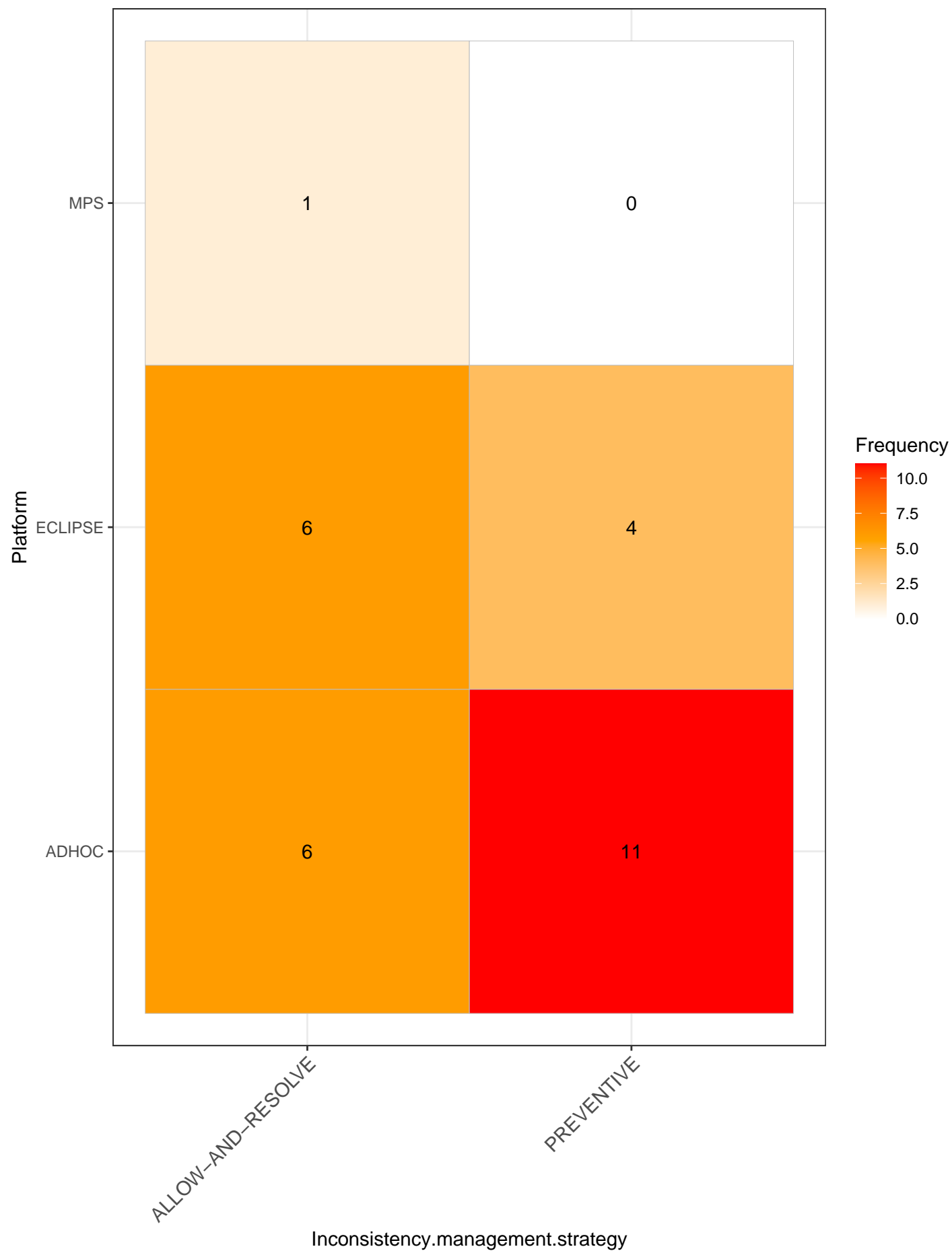
Platform____Collaboration.Binary (Chi sq w/ Yates p= 0.5374, p= 0.5374)



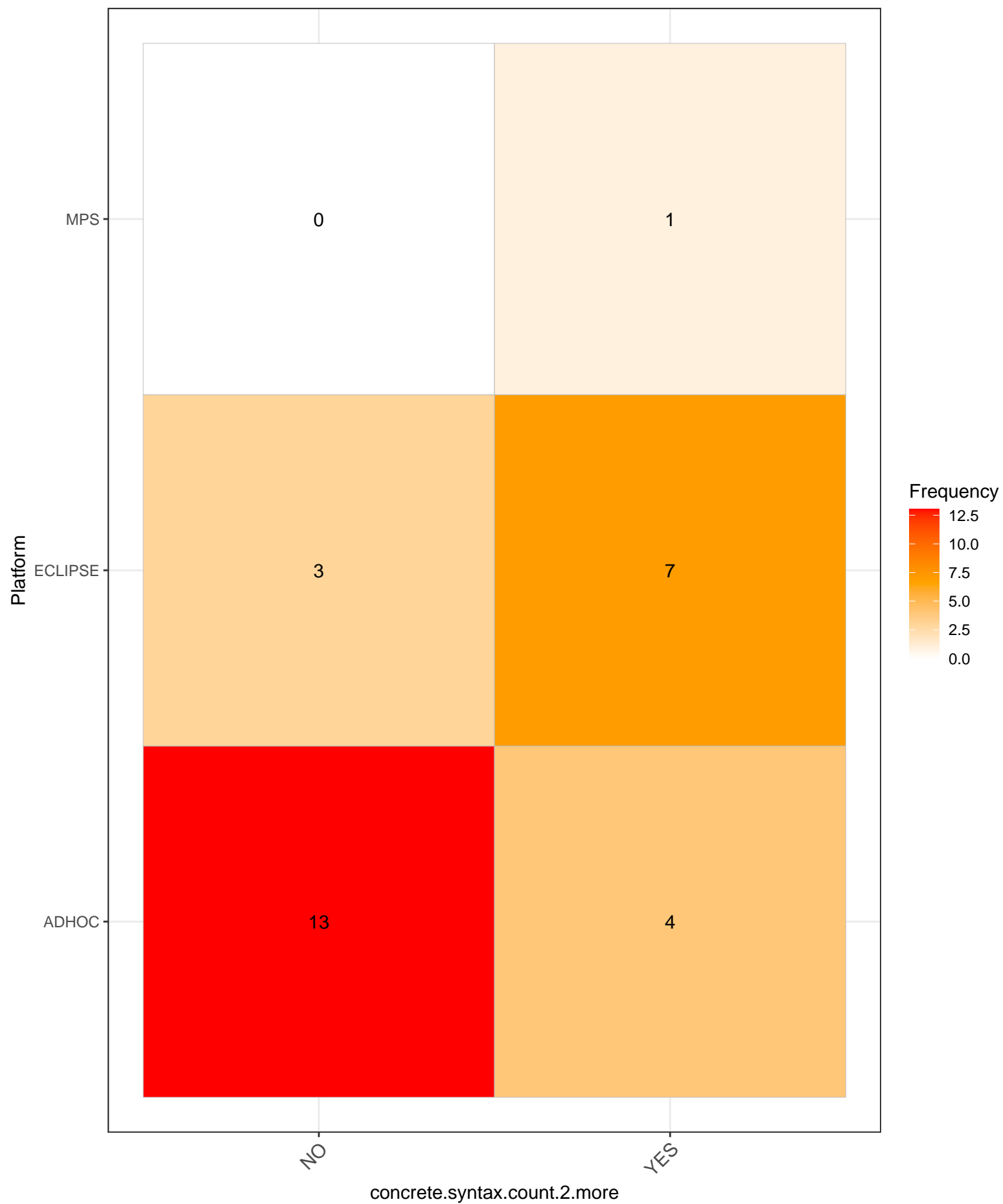
Platform_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.4358, p= 0.4358)



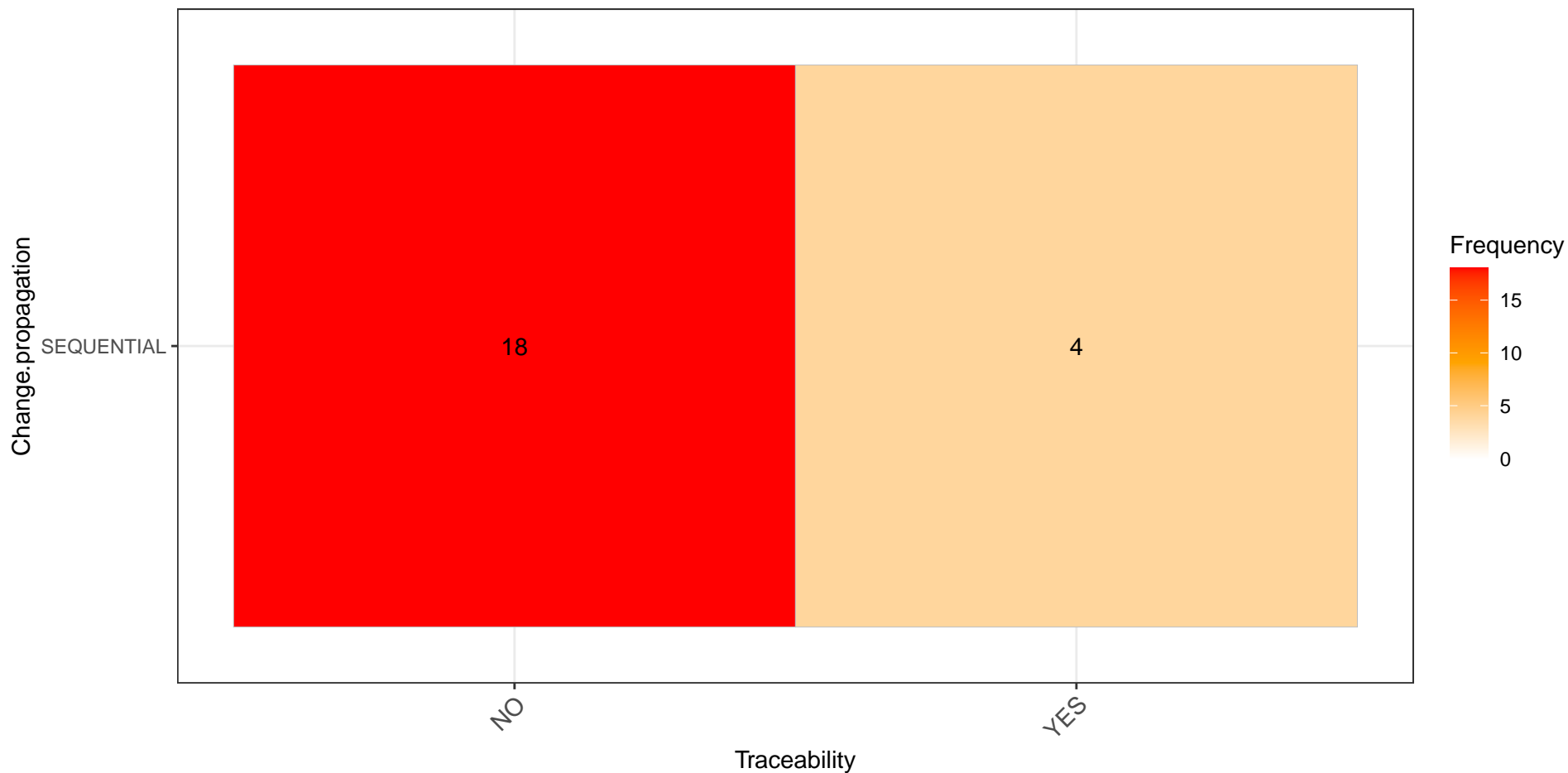
Platform_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.2539, p= 0.2539)



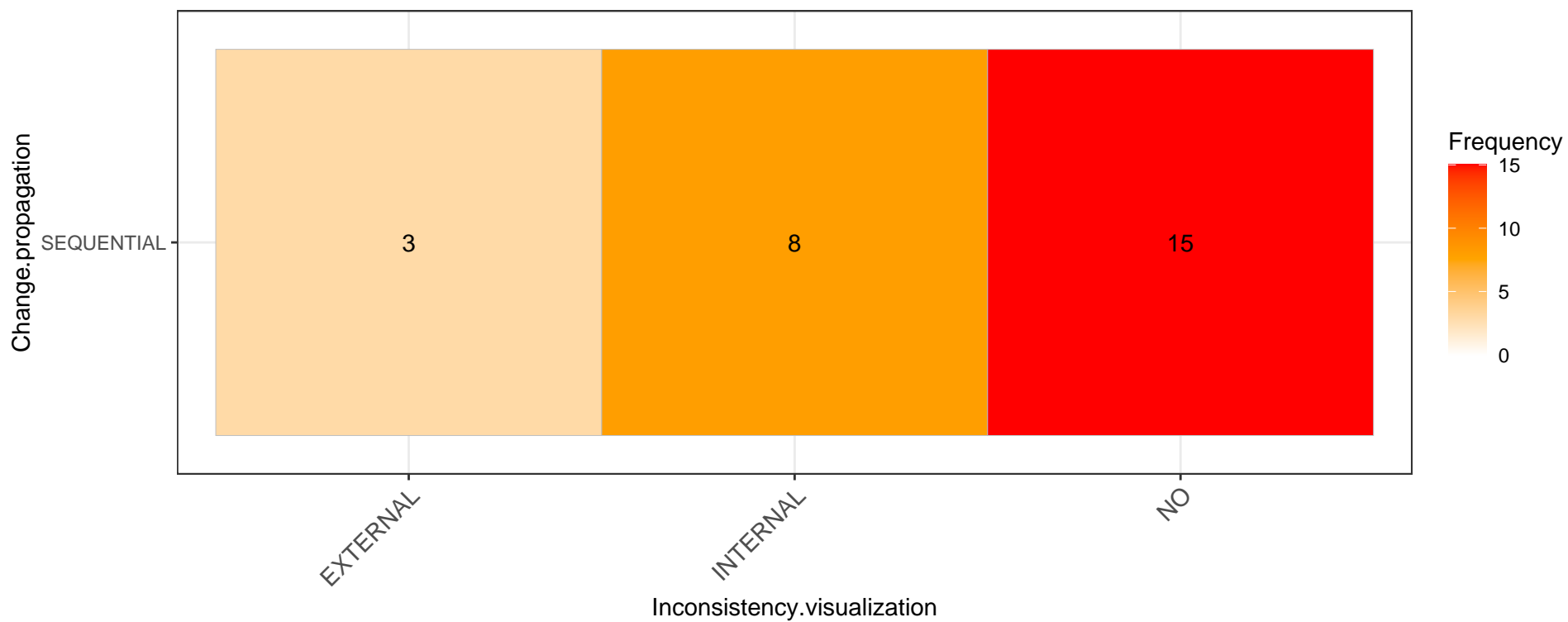
Platform_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.0312, p= 0.0312)



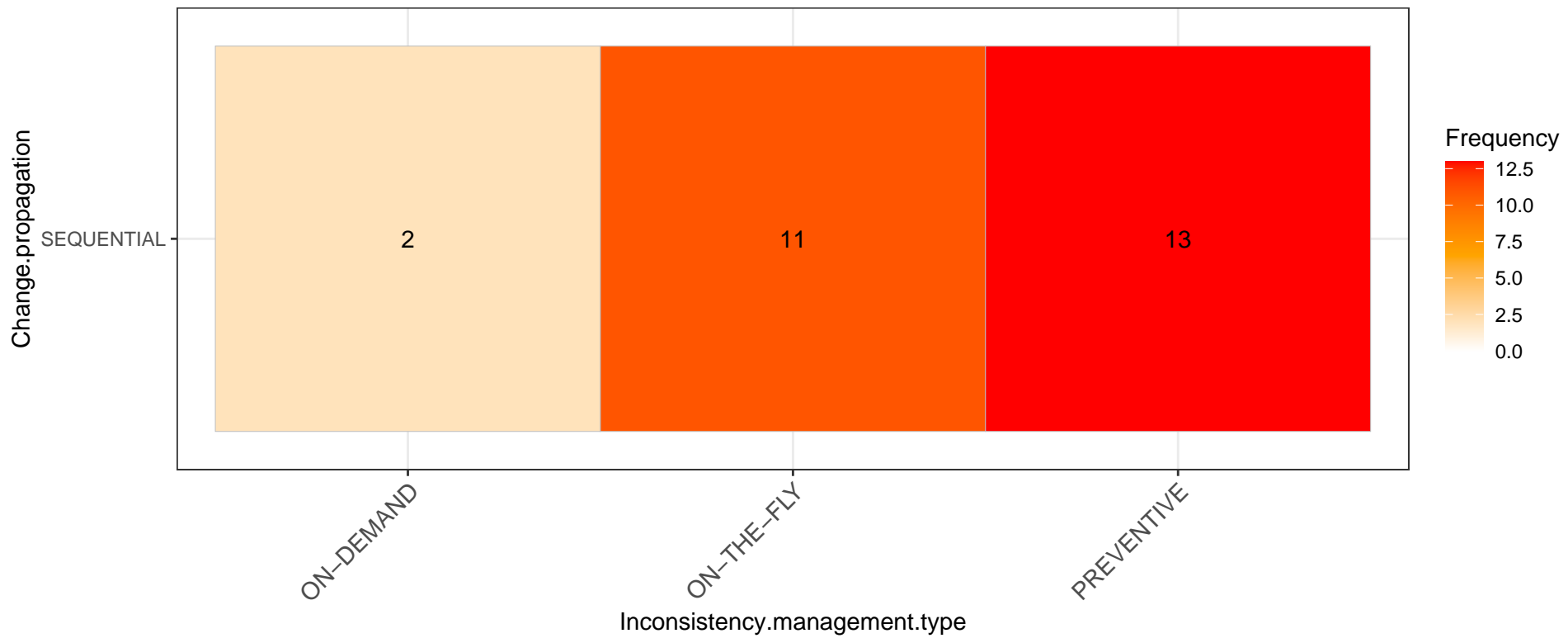
Change.propagation_____Traceability (Chi sq w/ Yates p= 0.0028, p= 0.0028)



Change.propagation_____Inconsistency.visualization (Chi sq w/ Yates p= 0.0151, p= 0.0151)



Change.propagation_____Inconsistency.management.type (Chi sq w/ Yates p= 0.019, p= 0.019)



Change.propagation_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.019, p= 0.019)

Change.propagation

SEQUENTIAL

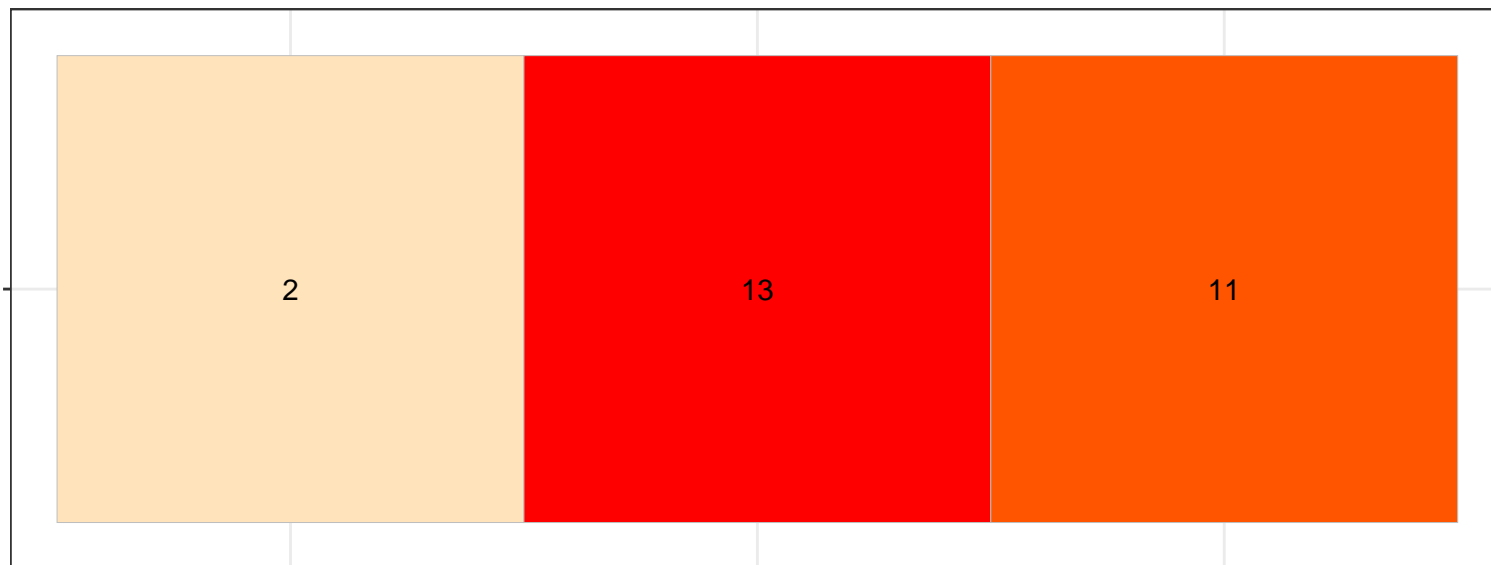
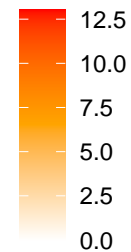
MANUAL

NOT APPLICABLE

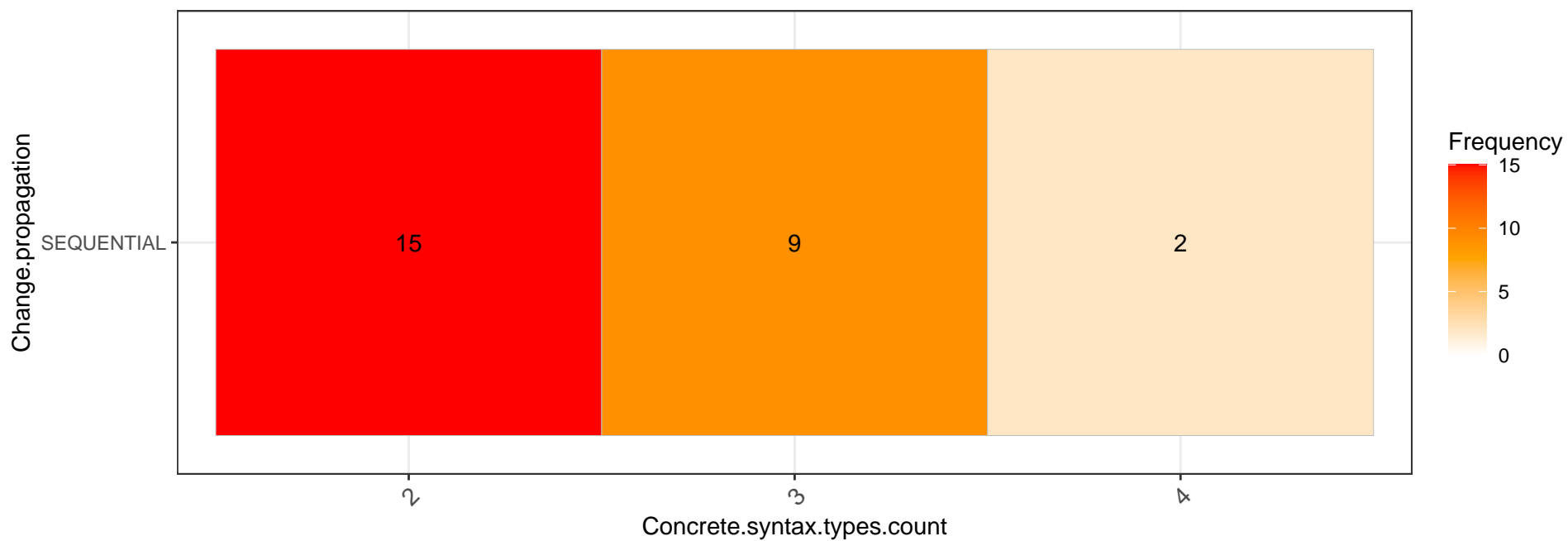
YES

Inconsistency.management.automation

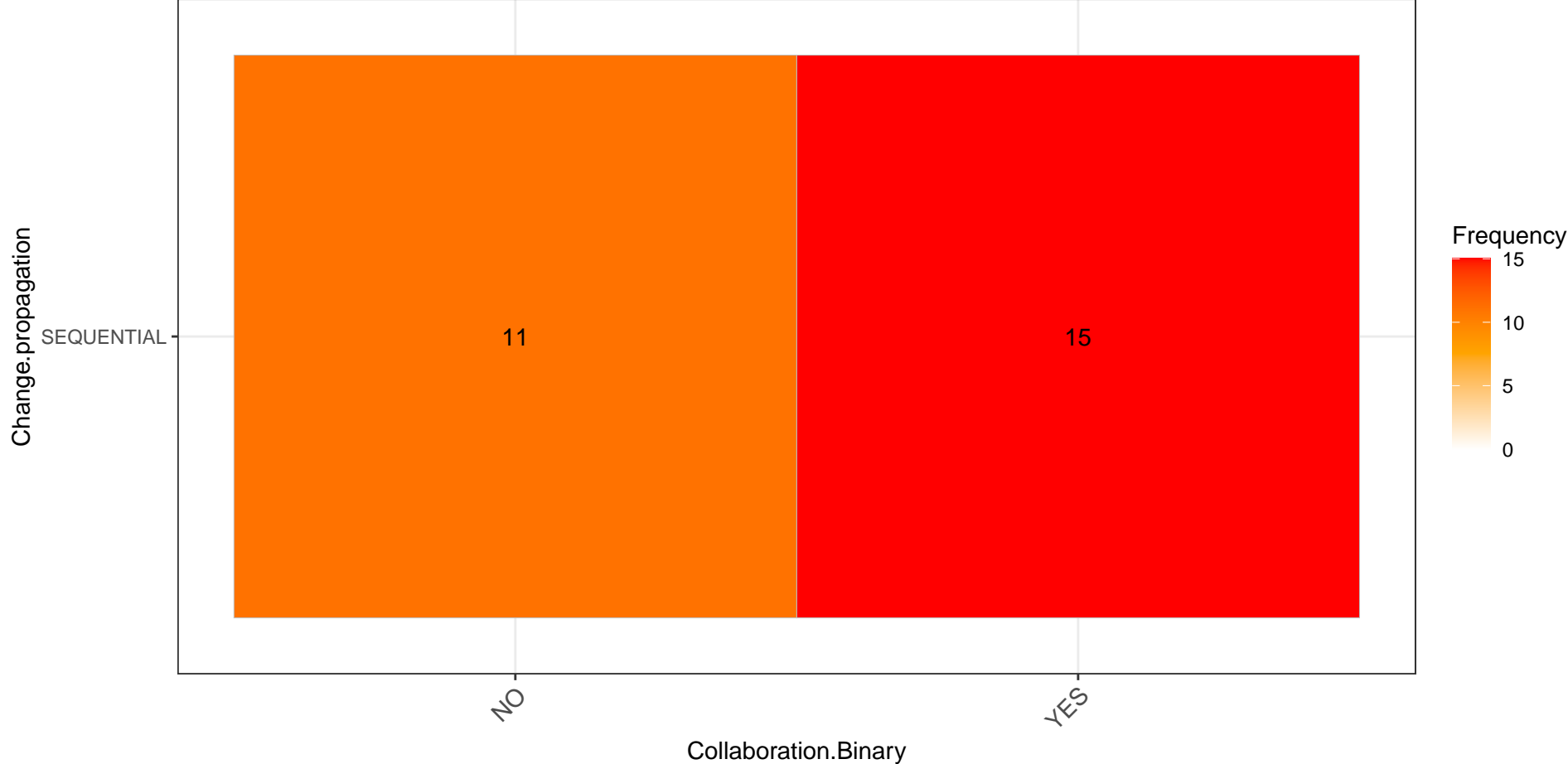
Frequency



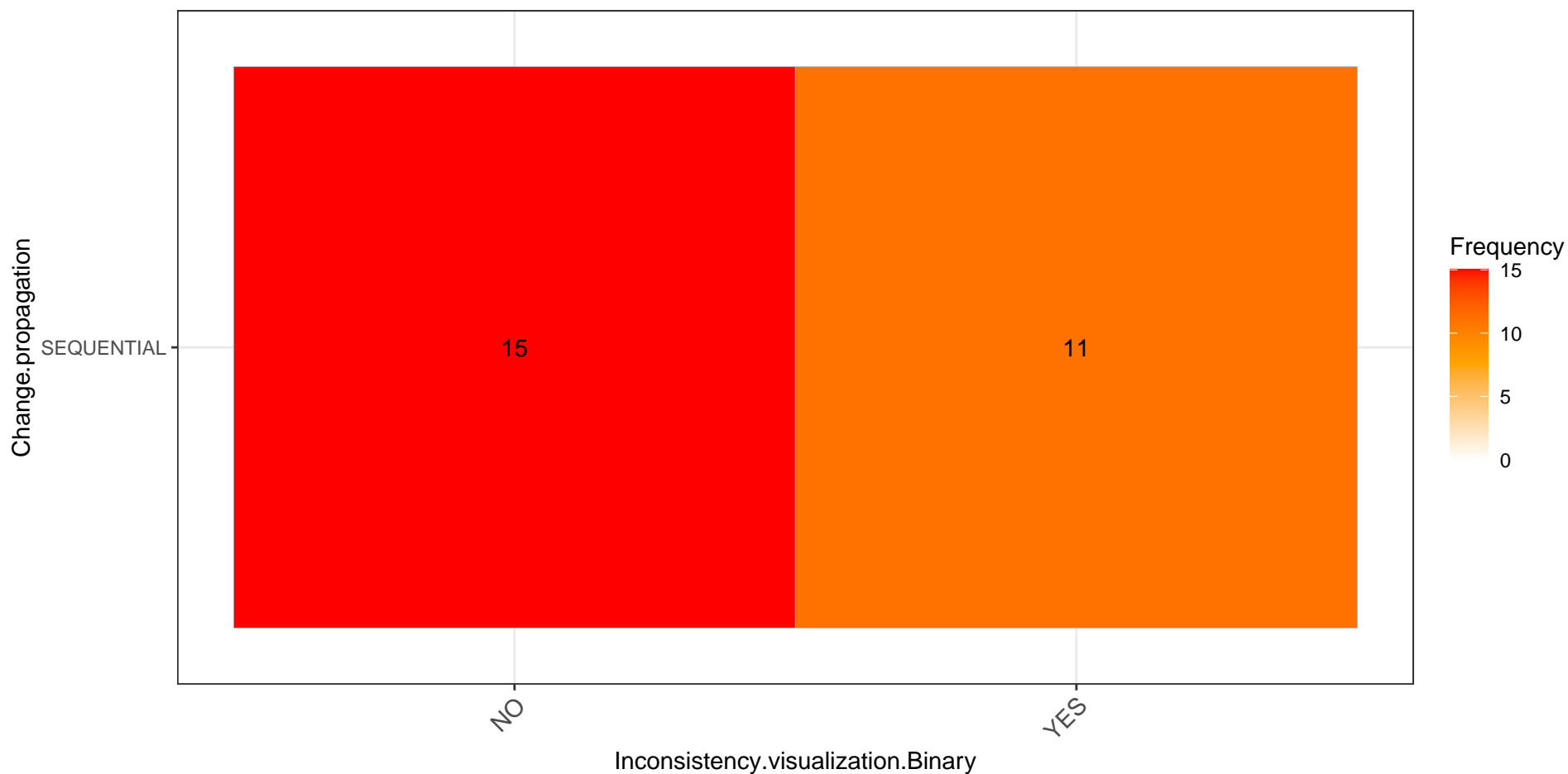
Change.propagation_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.0076, p= 0.0076)



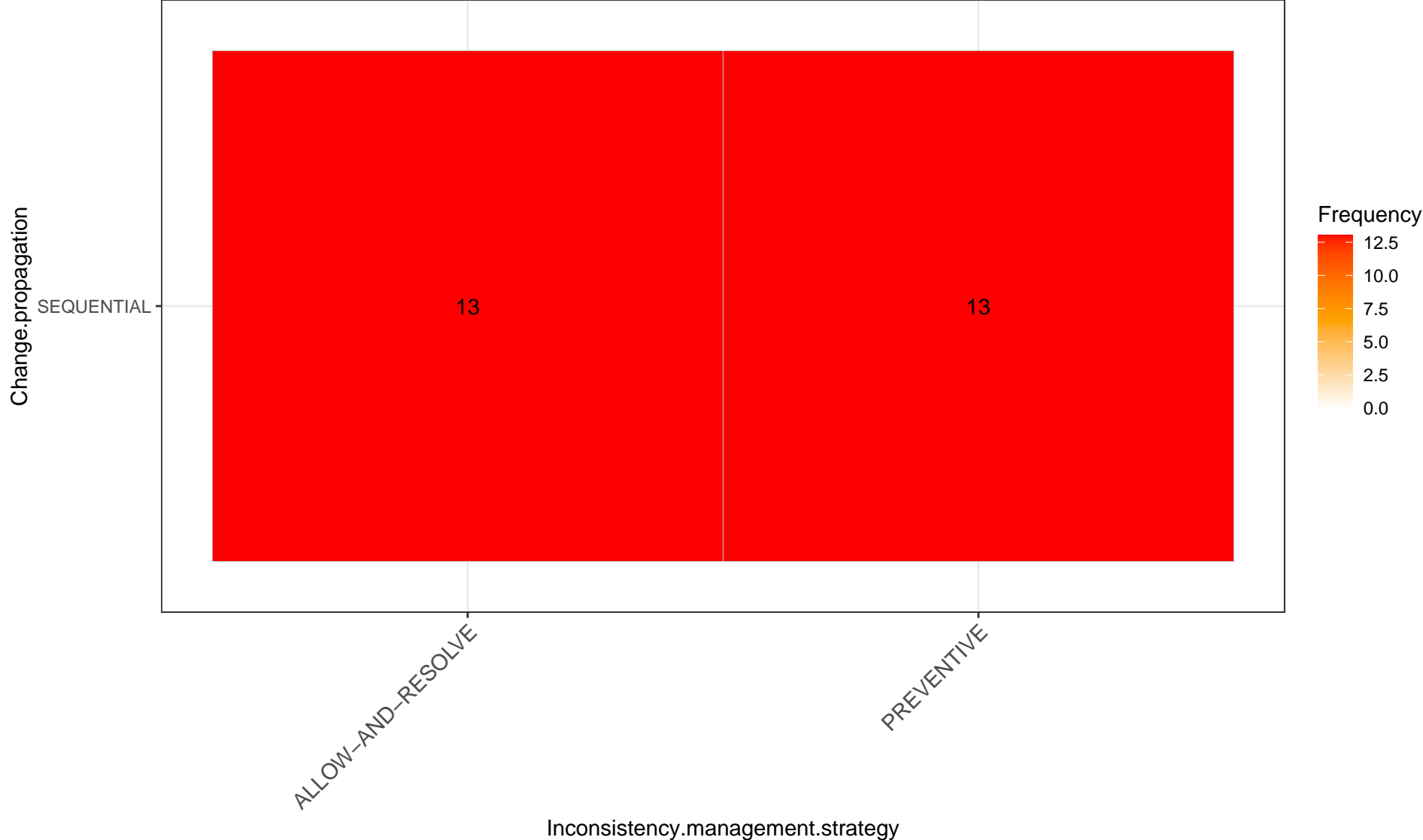
Change.propagation____Collaboration.Binary (Chi sq w/ Yates p= 0.4328, p= 0.4328)



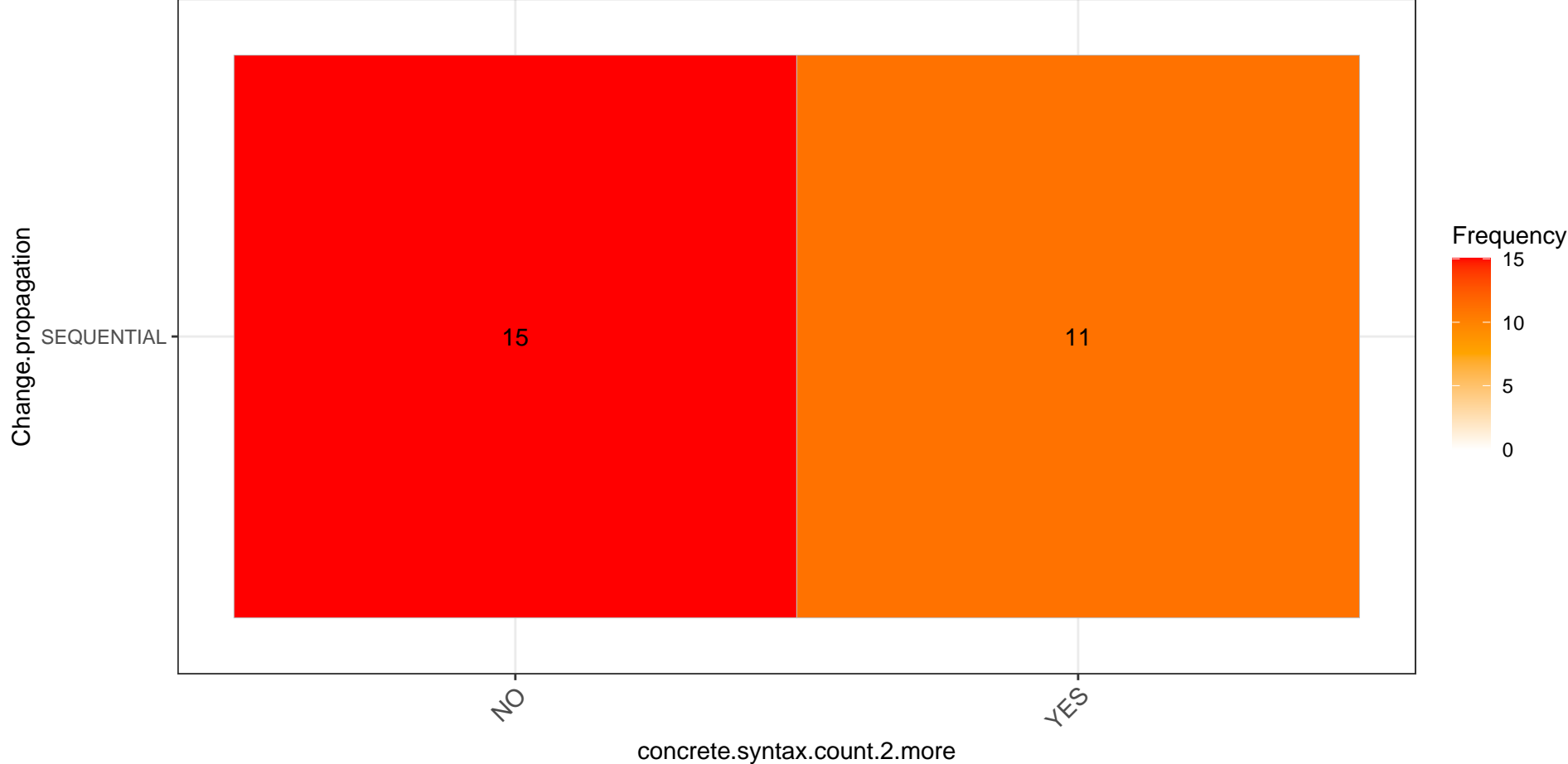
Change.propagation_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.4328, p= 0.4328)



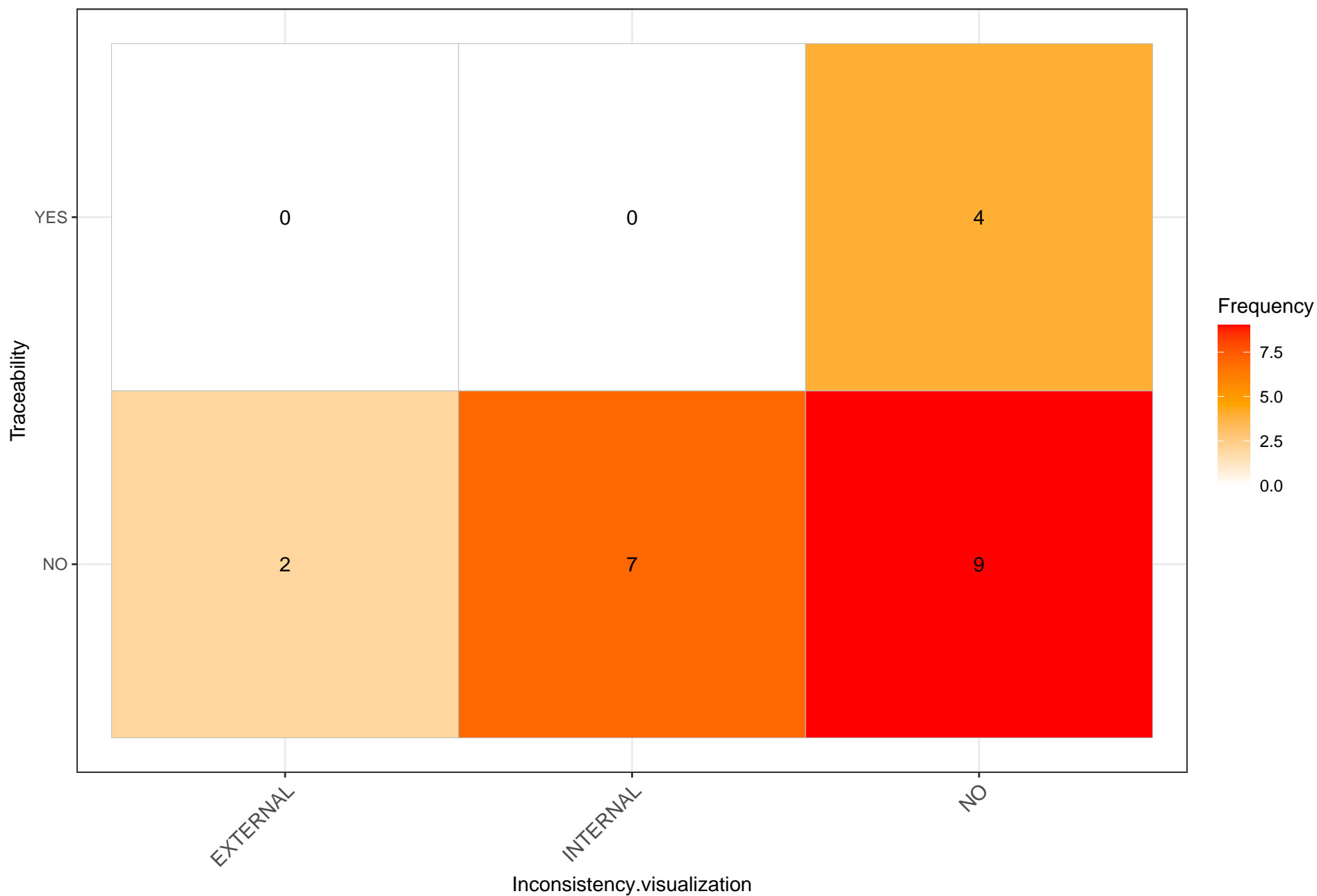
Change.propagation____Inconsistency.management.strategy (Chi sq w/ Yates p= 1, p= 1)



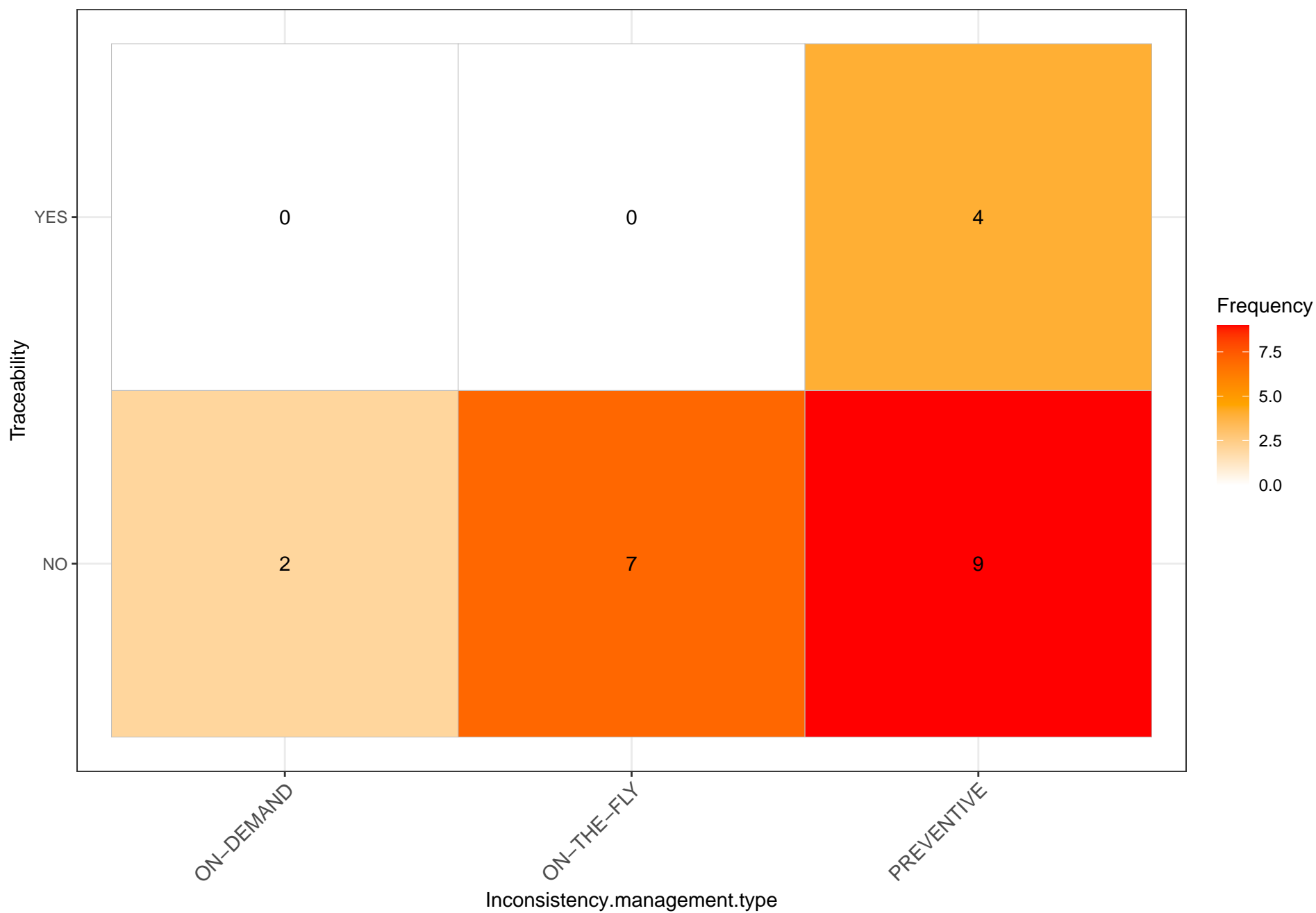
Change.propagation____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.4328, p= 0.4328)



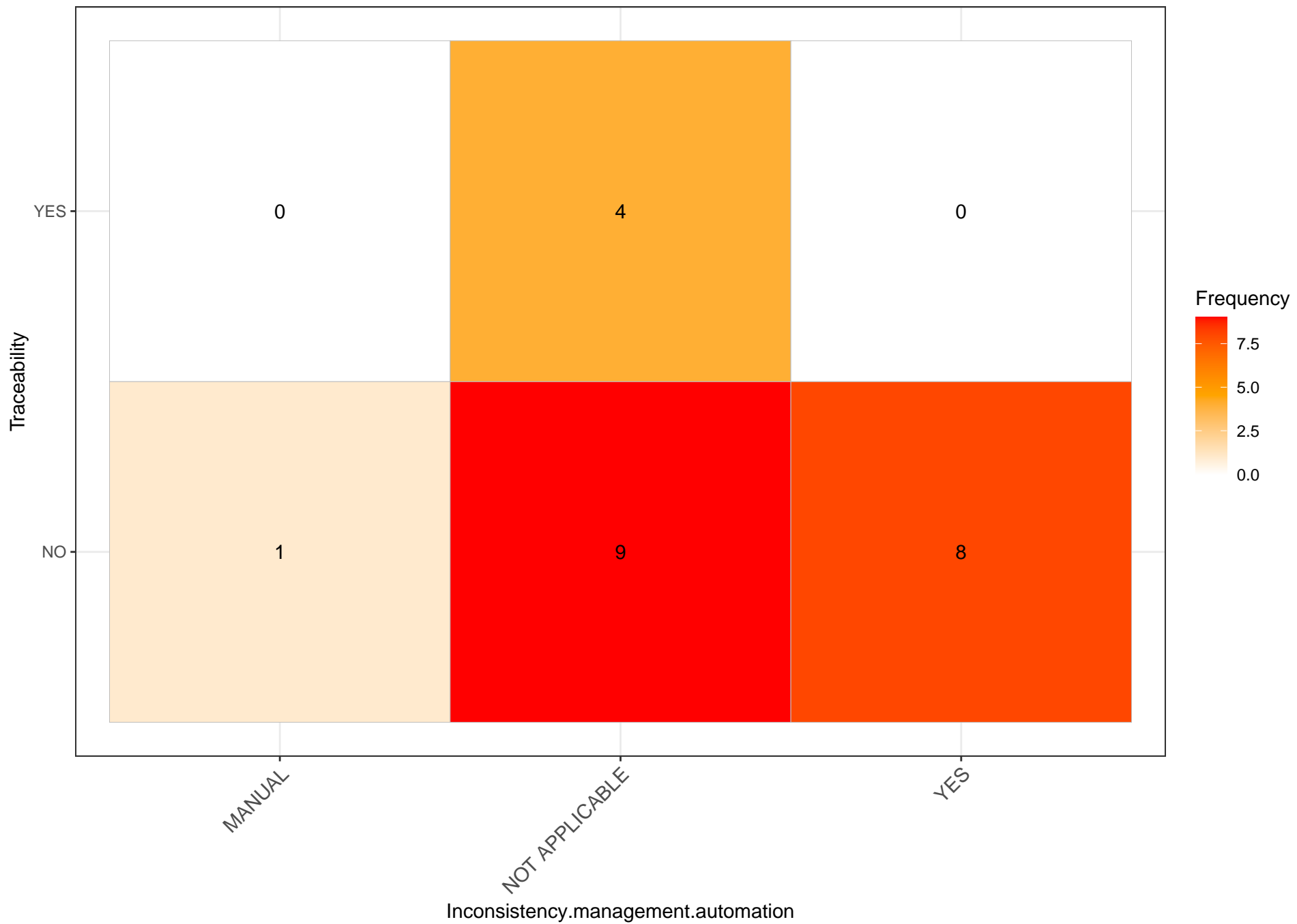
Traceability_____Inconsistency.visualization (Chi sq w/ Yates p= 0.1841, p= 0.1841)



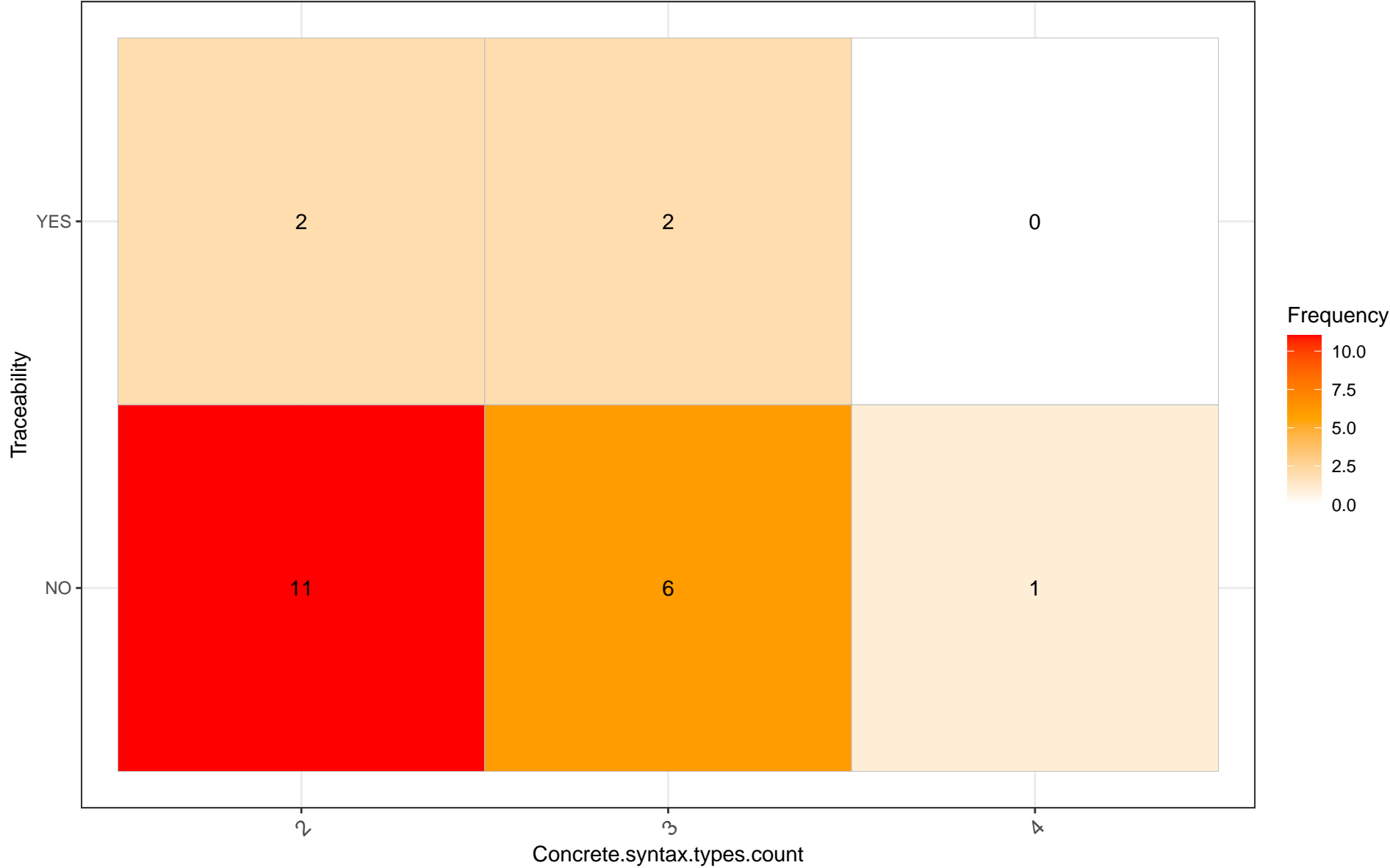
Traceability_____Inconsistency.management.type (Chi sq w/ Yates p= 0.1841, p= 0.1841)



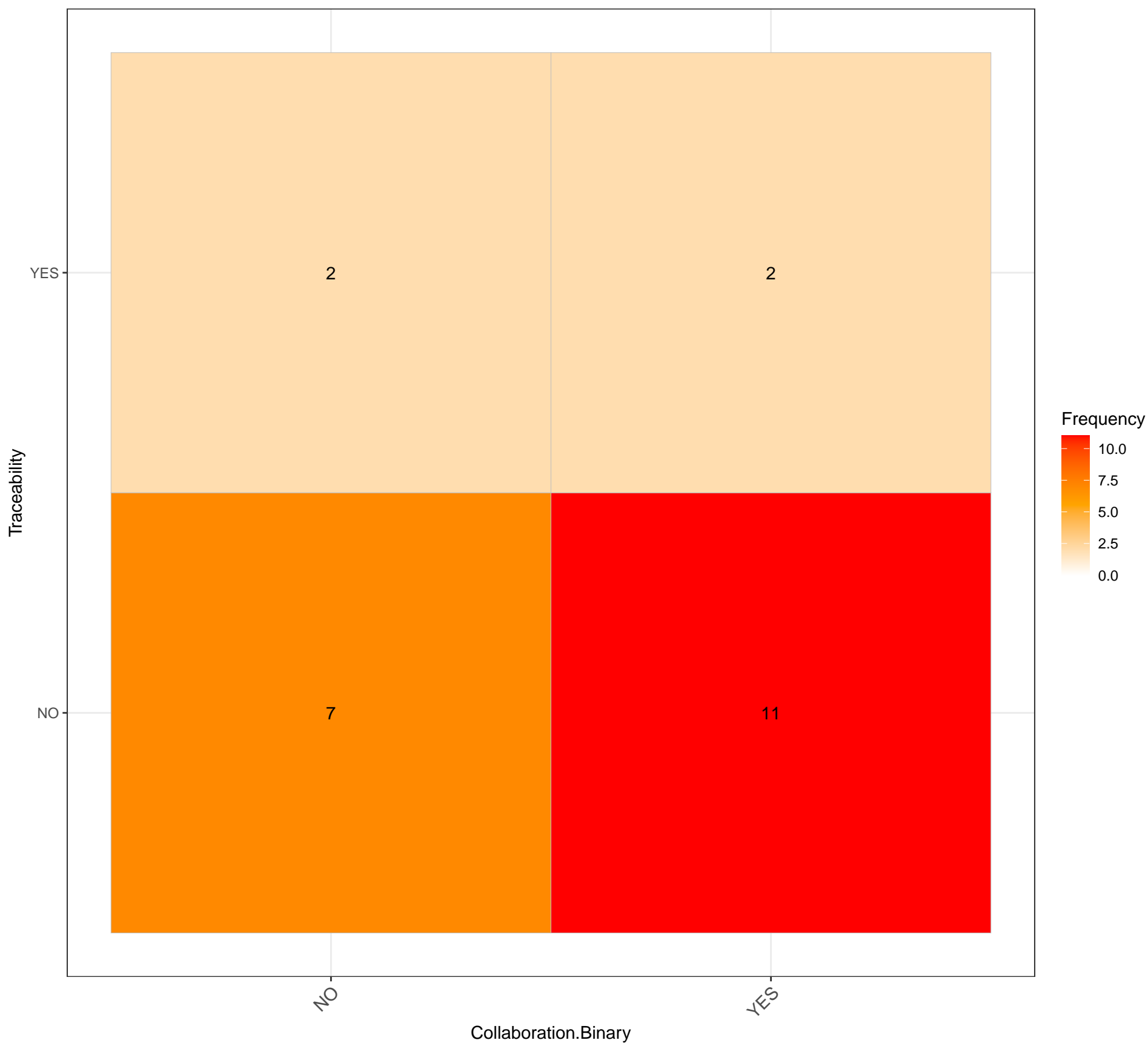
Traceability_____Inconsistency.management.automation (Chi sq w/ Yates p= 0.1841, p= 0.1841)



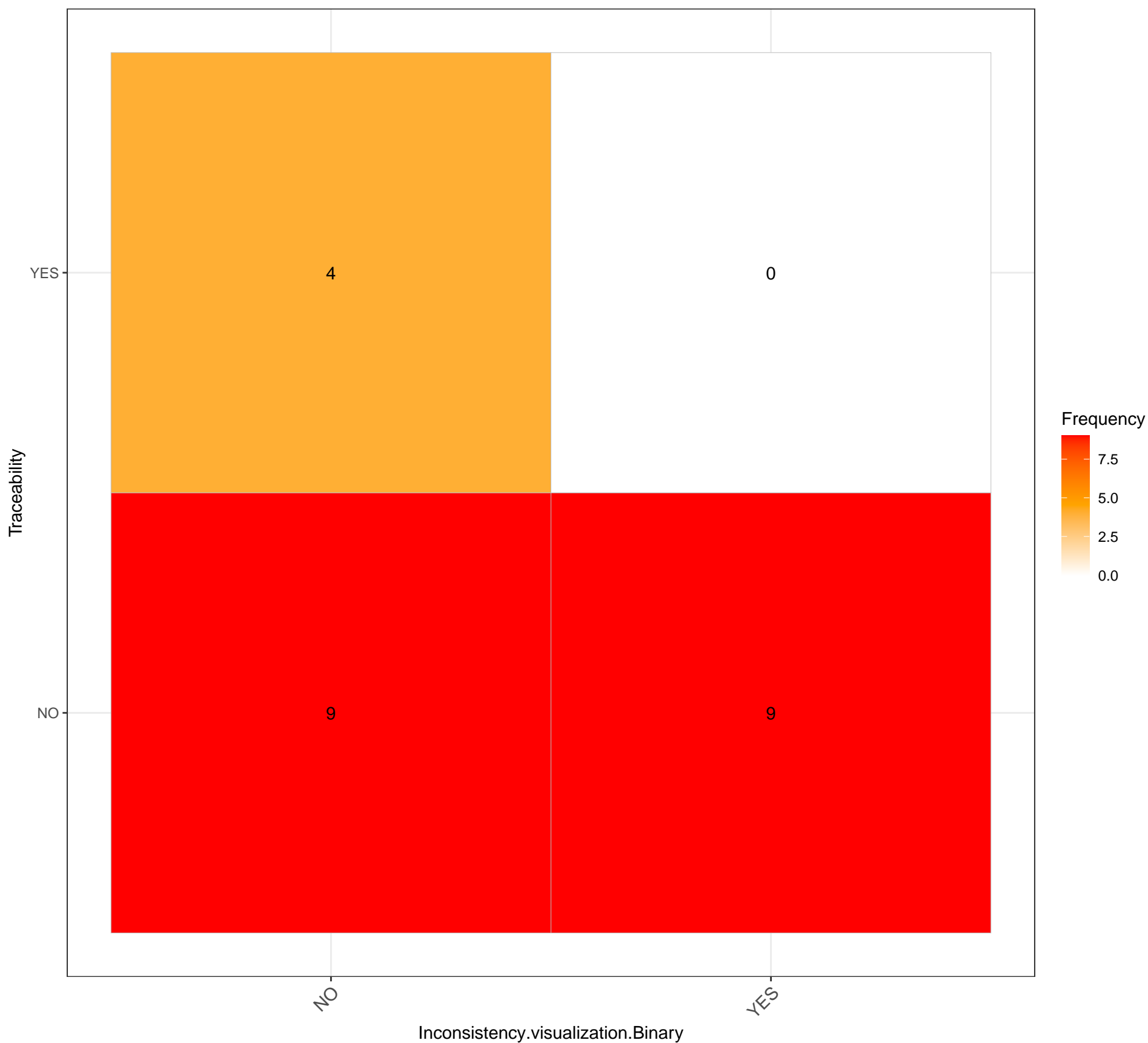
Traceability_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.7632, p= 0.7632)



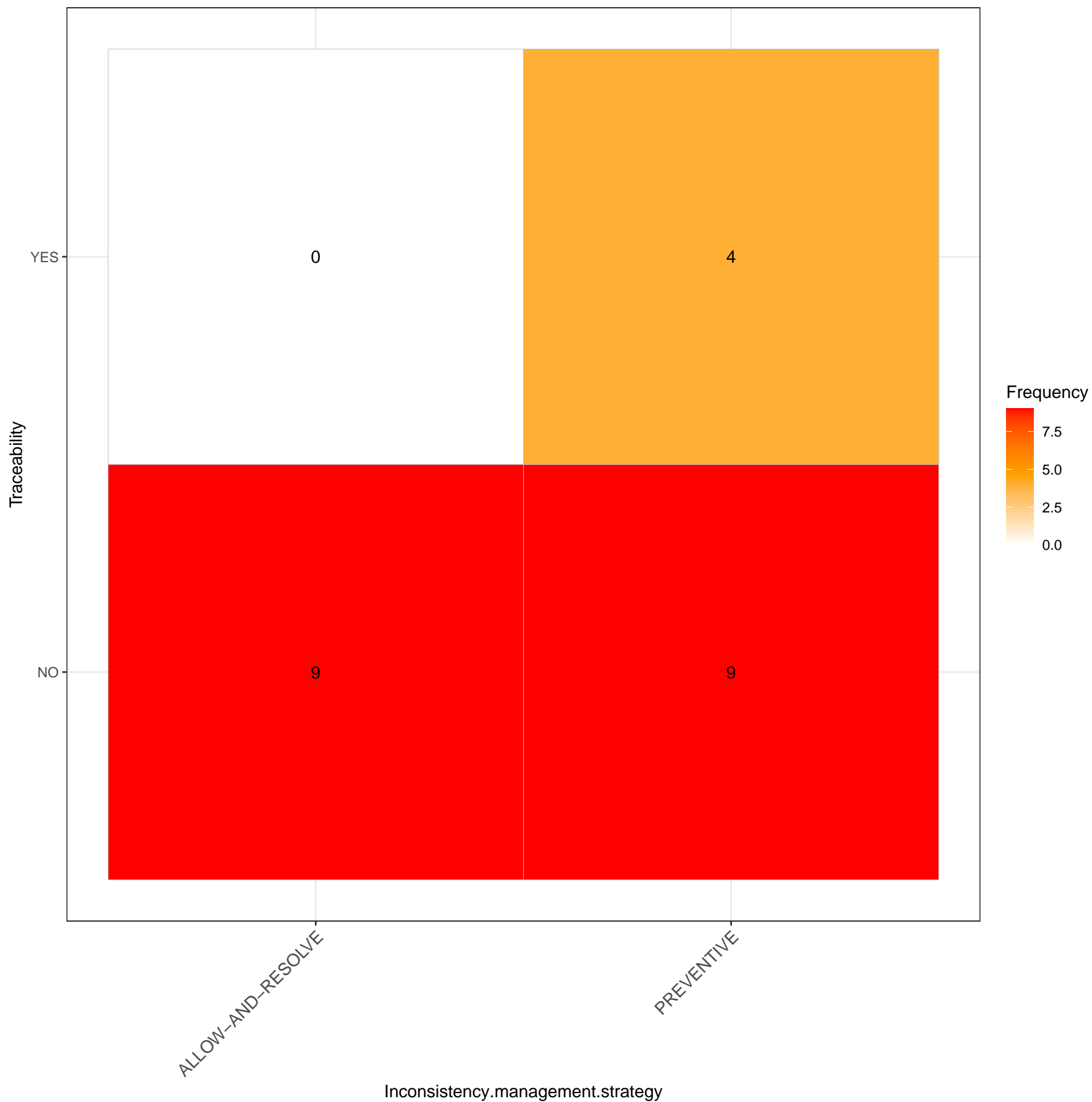
Traceability____Collaboration.Binary (Chi sq w/ Yates p= 1, p= 0.6827)



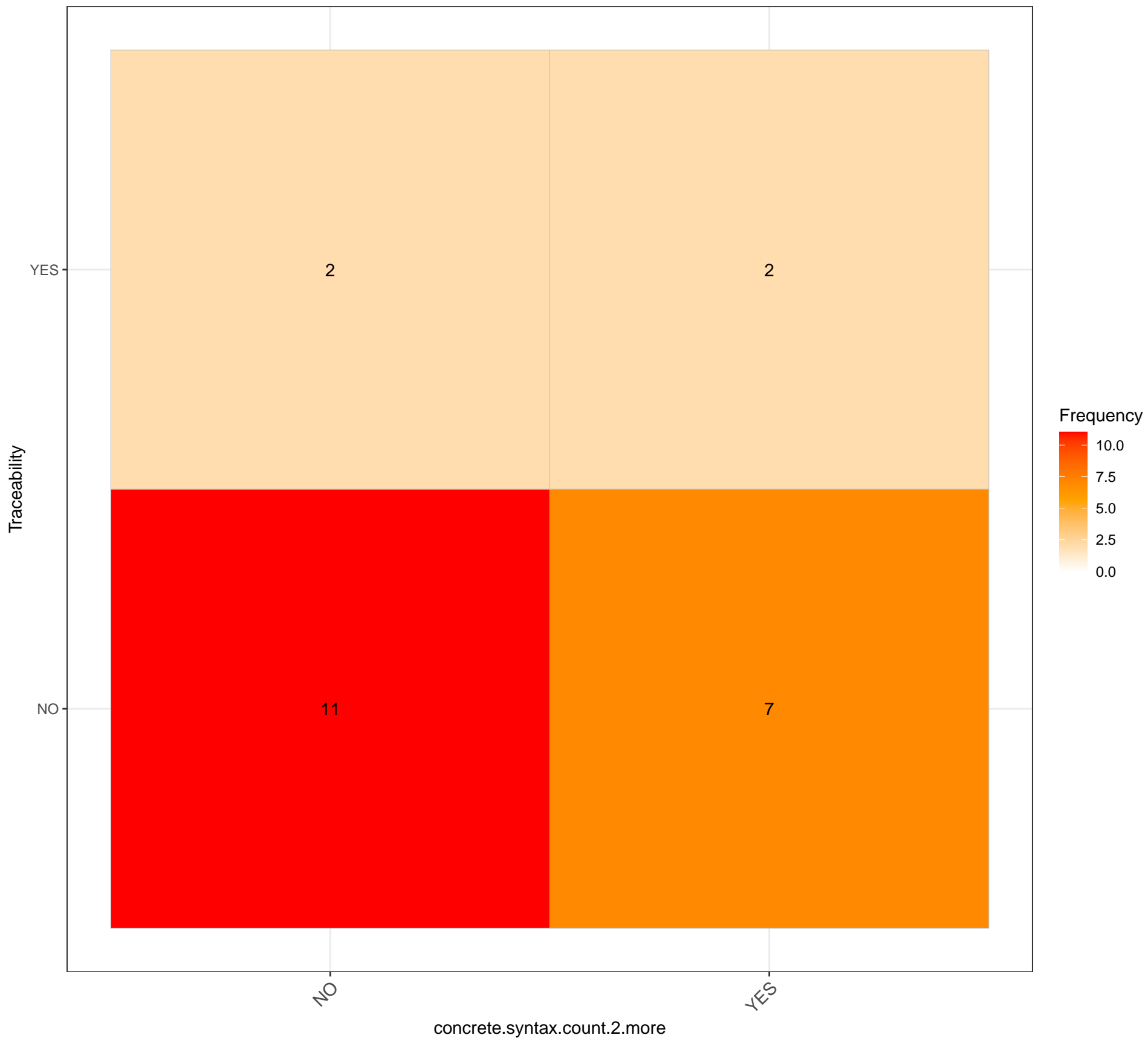
Traceability_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.2014, p= 0.0658)



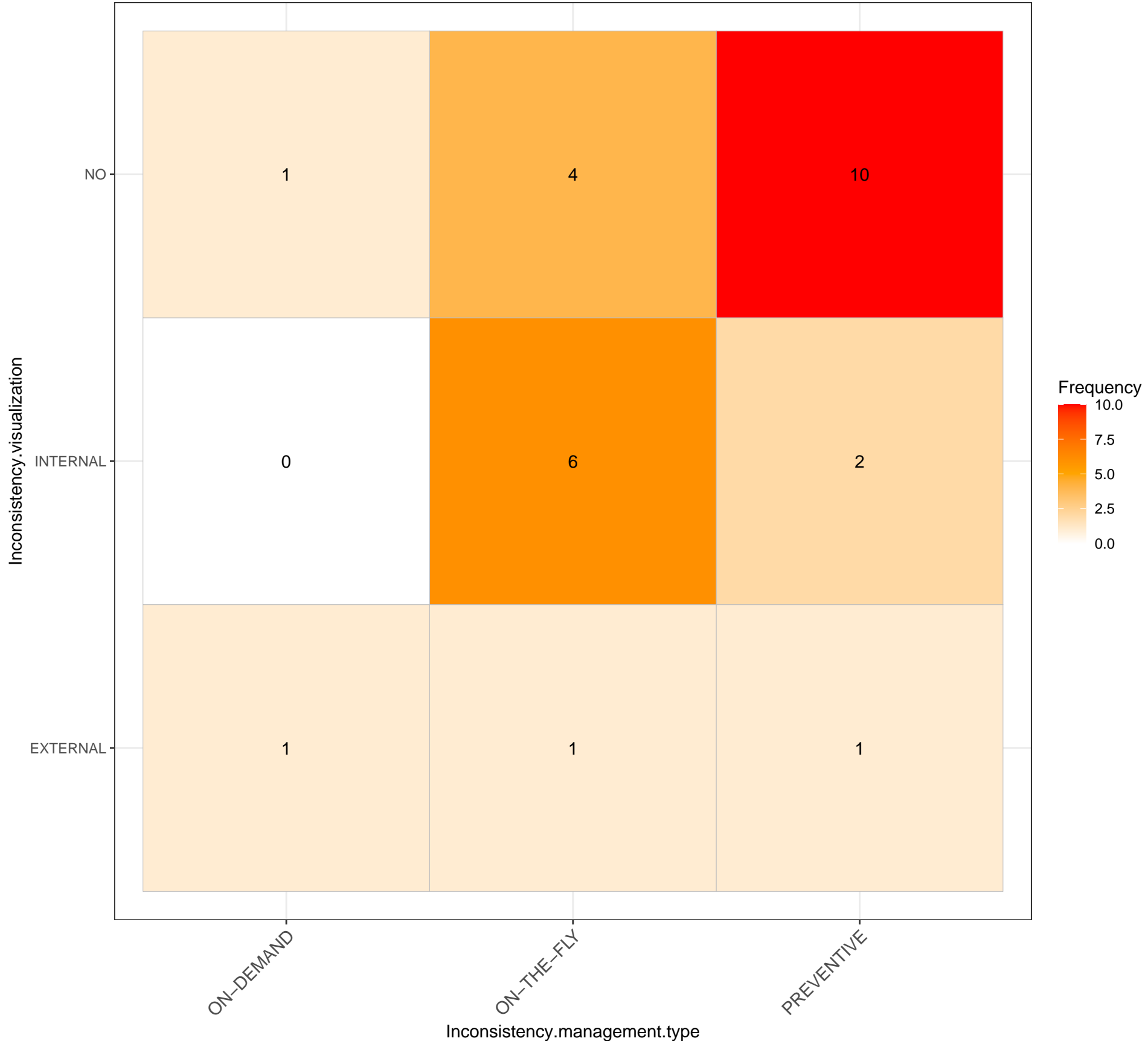
Traceability_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.2014, p= 0.0658)



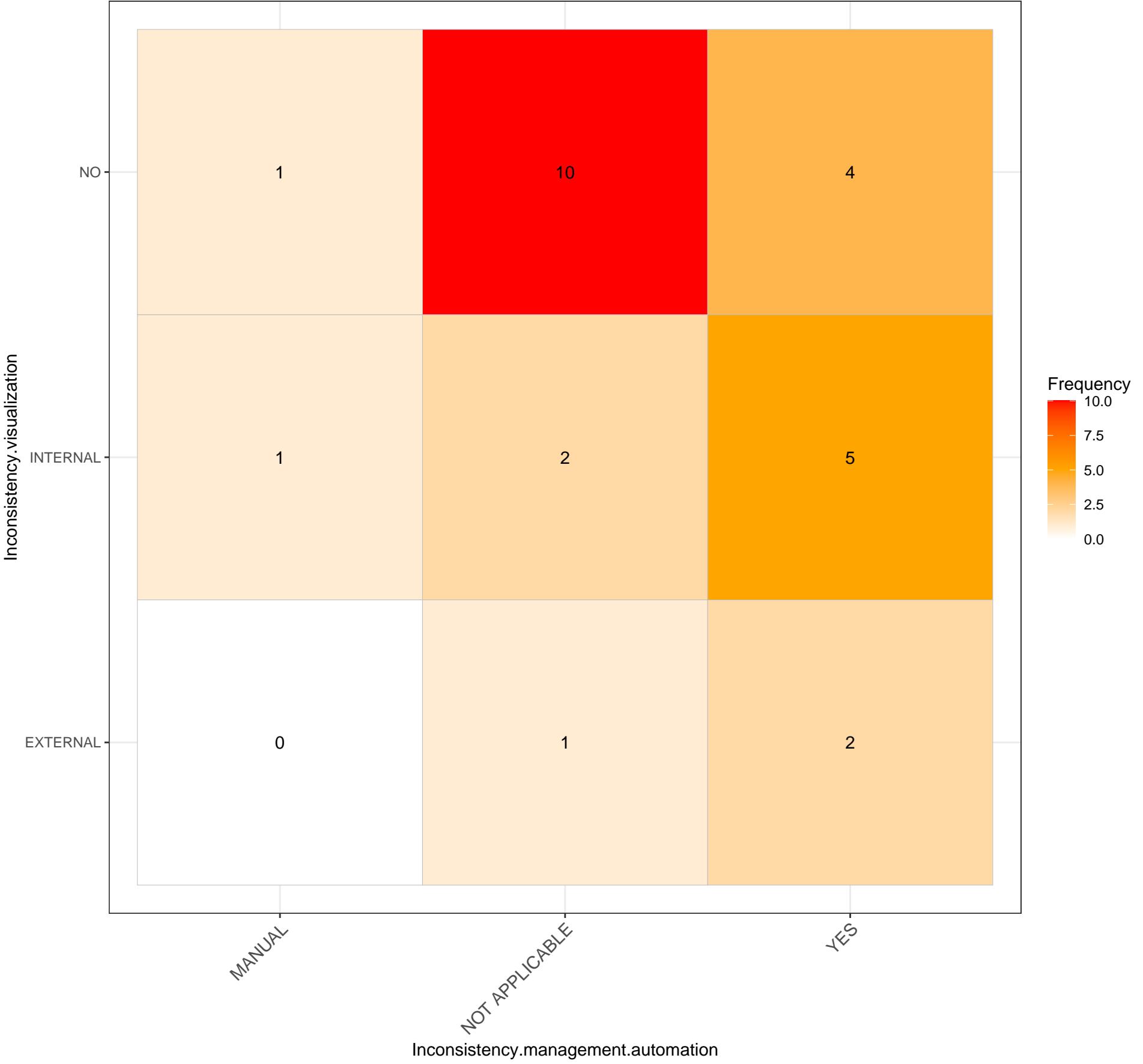
Traceability____concrete.syntax.count.2.more (Chi sq w/ Yates p= 1, p= 0.6827)



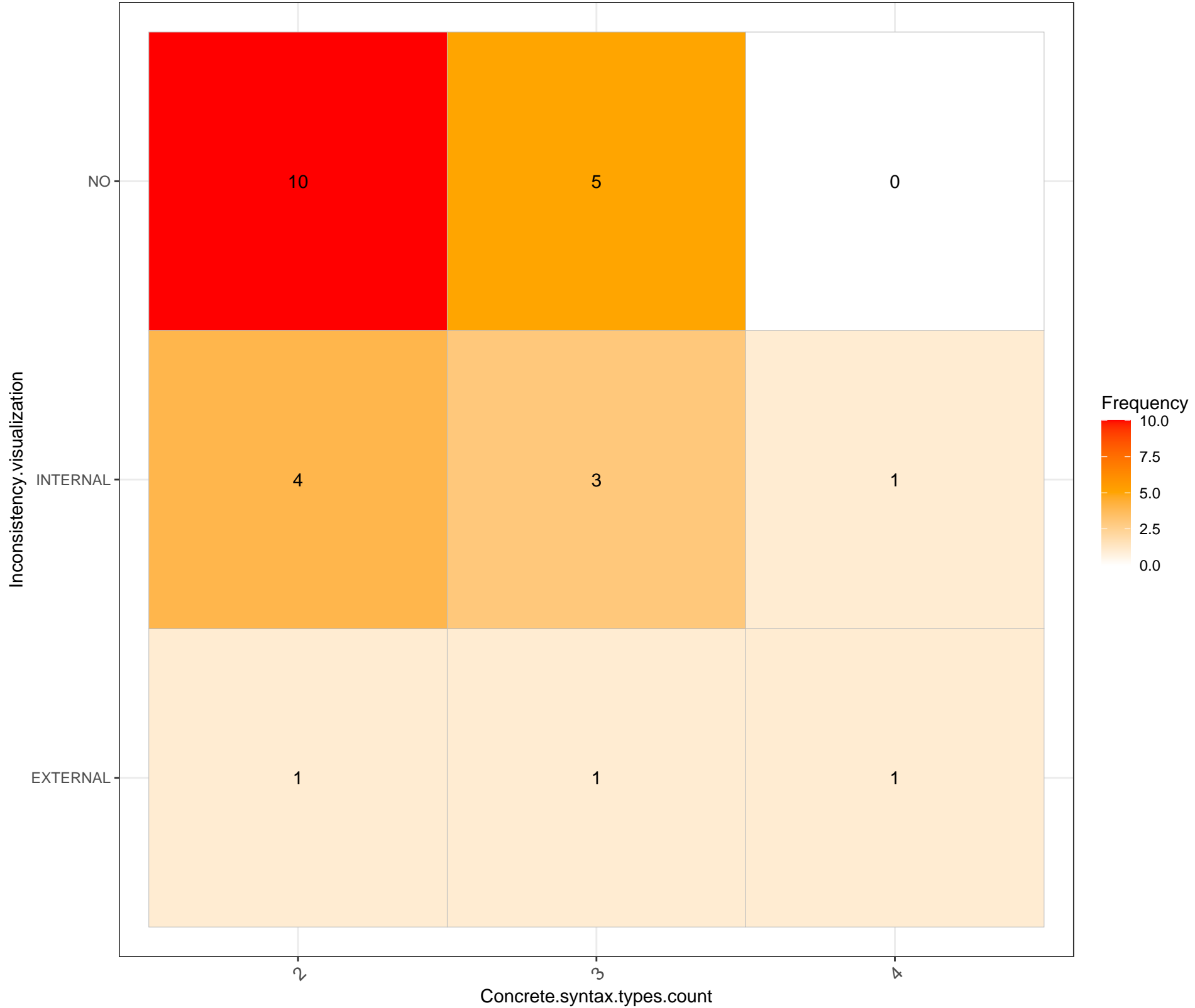
Inconsistency.visualization_____Inconsistency.management.type (Chi sq w/ Yates p= 0.0864, p= 0.0864)



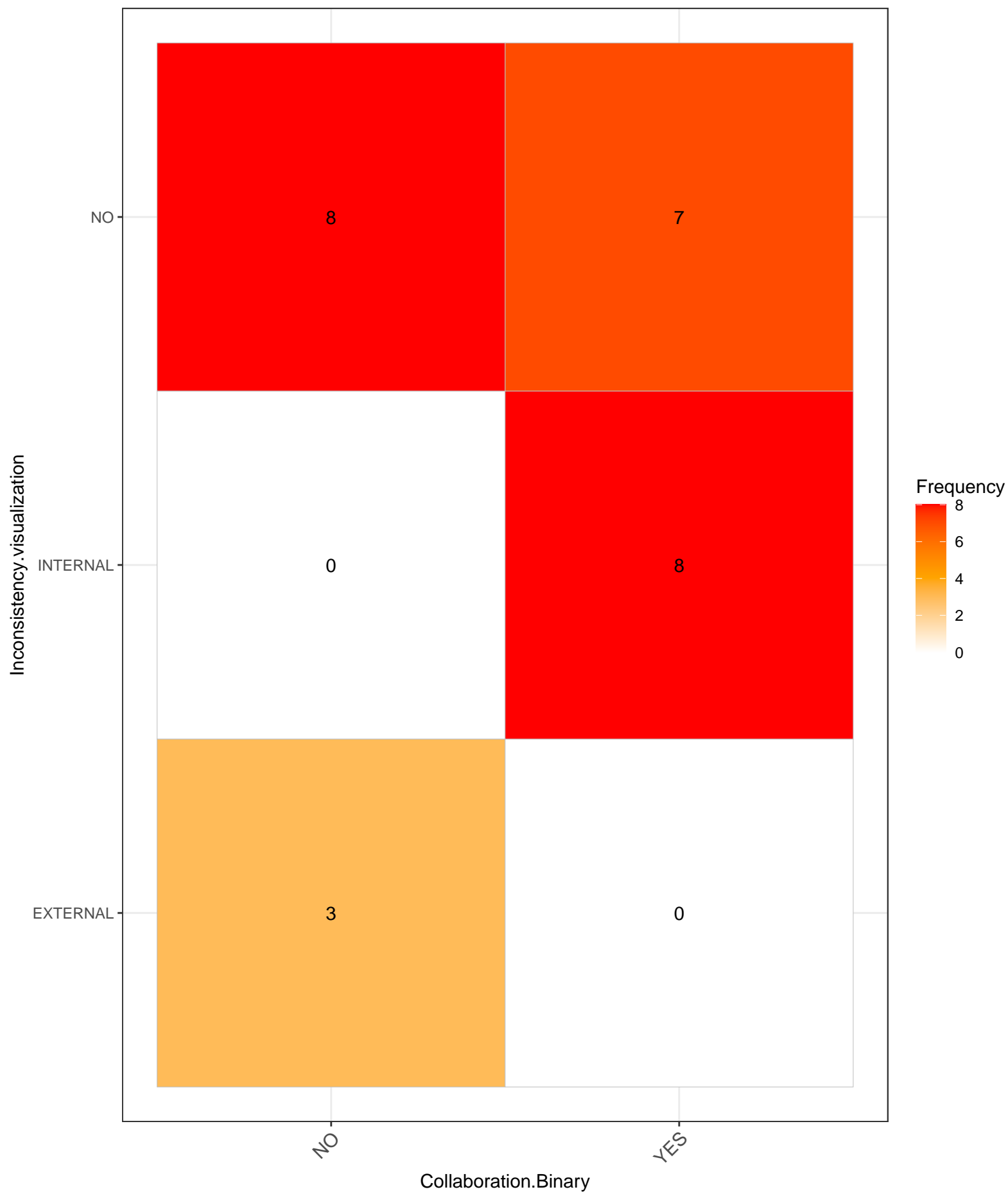
Inconsistency.visualization____Inconsistency.management.automation (Chi sq w/ Yates p= 0.3366, p= 0.3366)



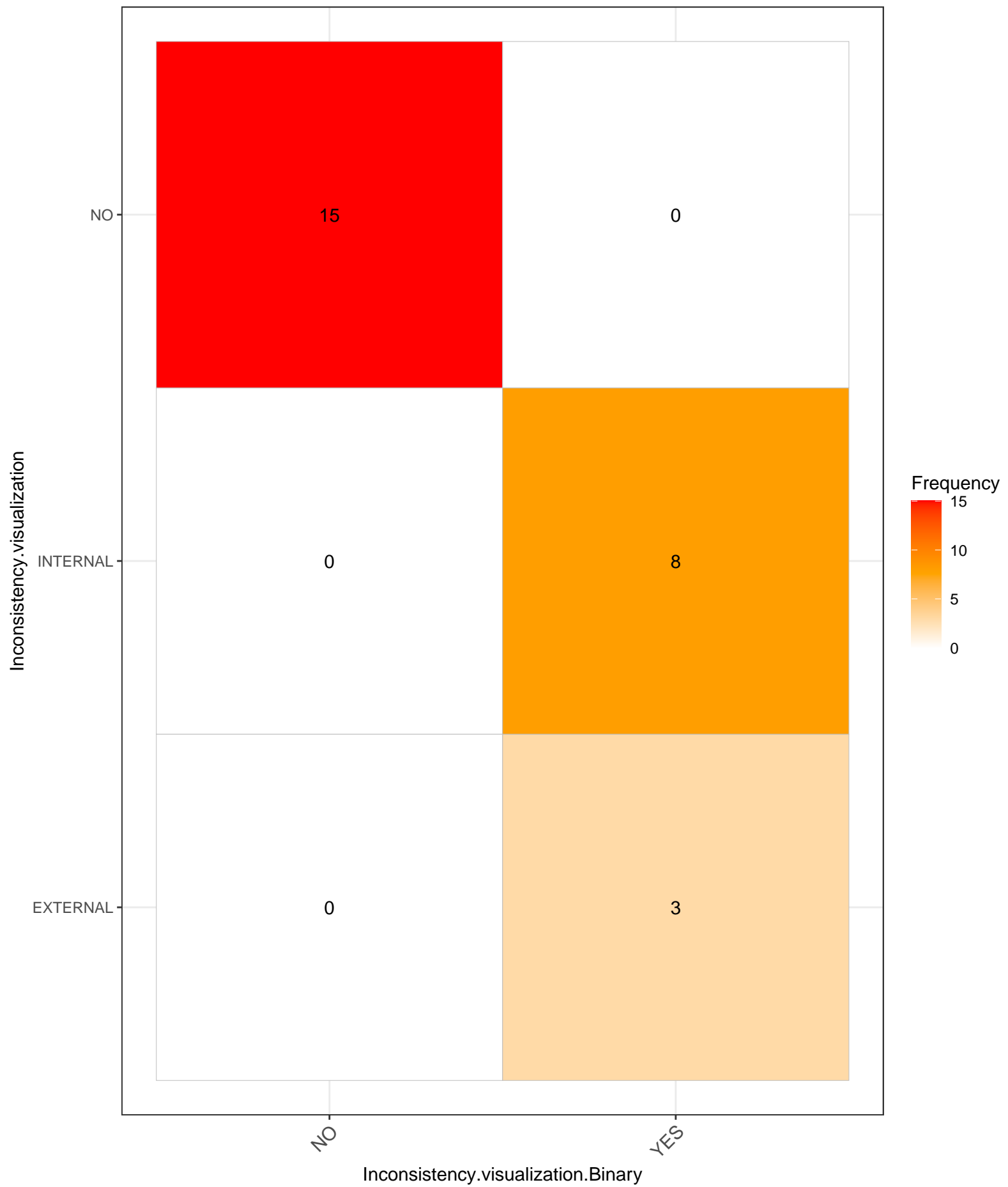
Inconsistency.visualization_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.3325, p= 0.3325)



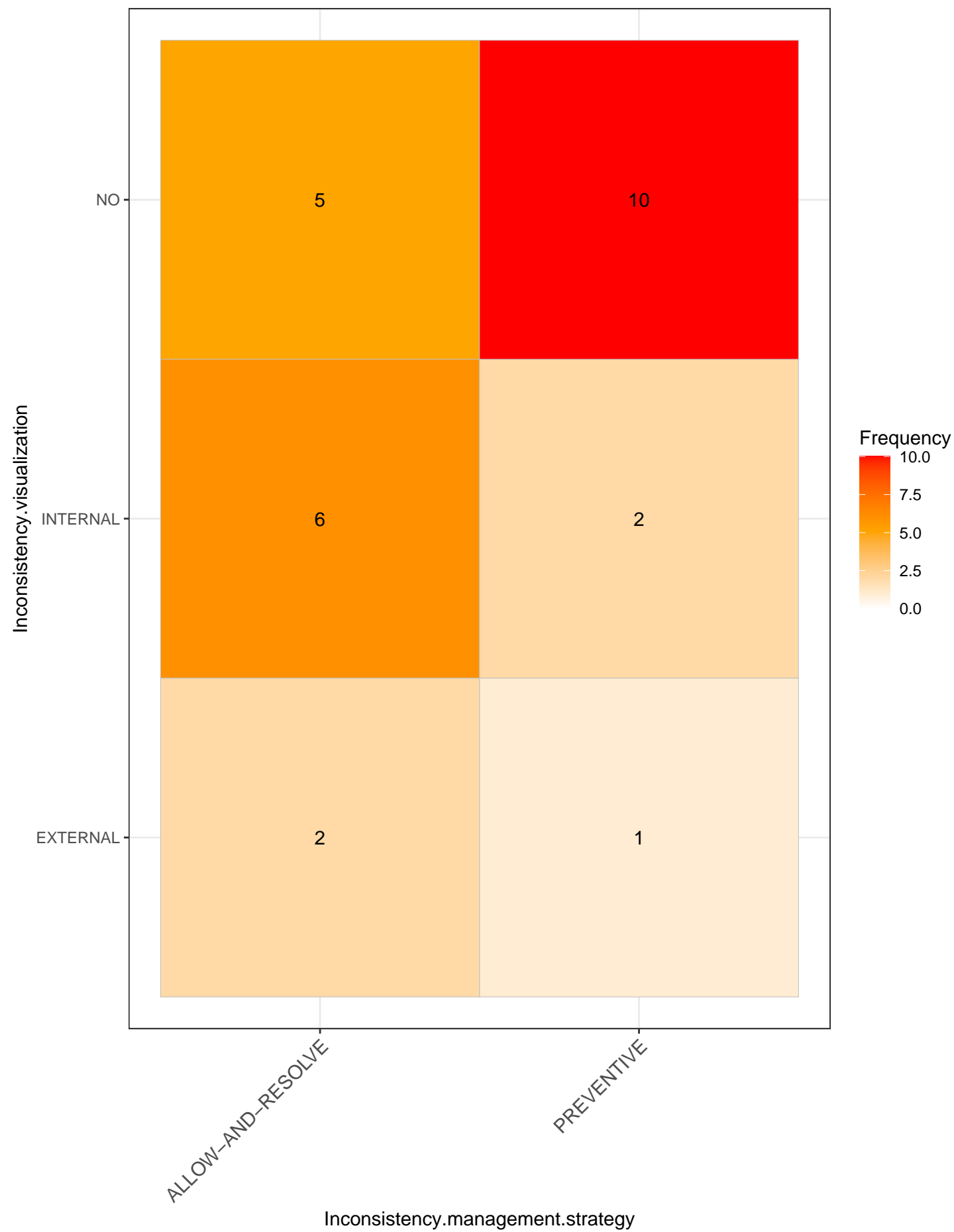
Inconsistency.visualization_____Collaboration.Binary (Chi sq w/ Yates p= 0.0047, p= 0.0047)



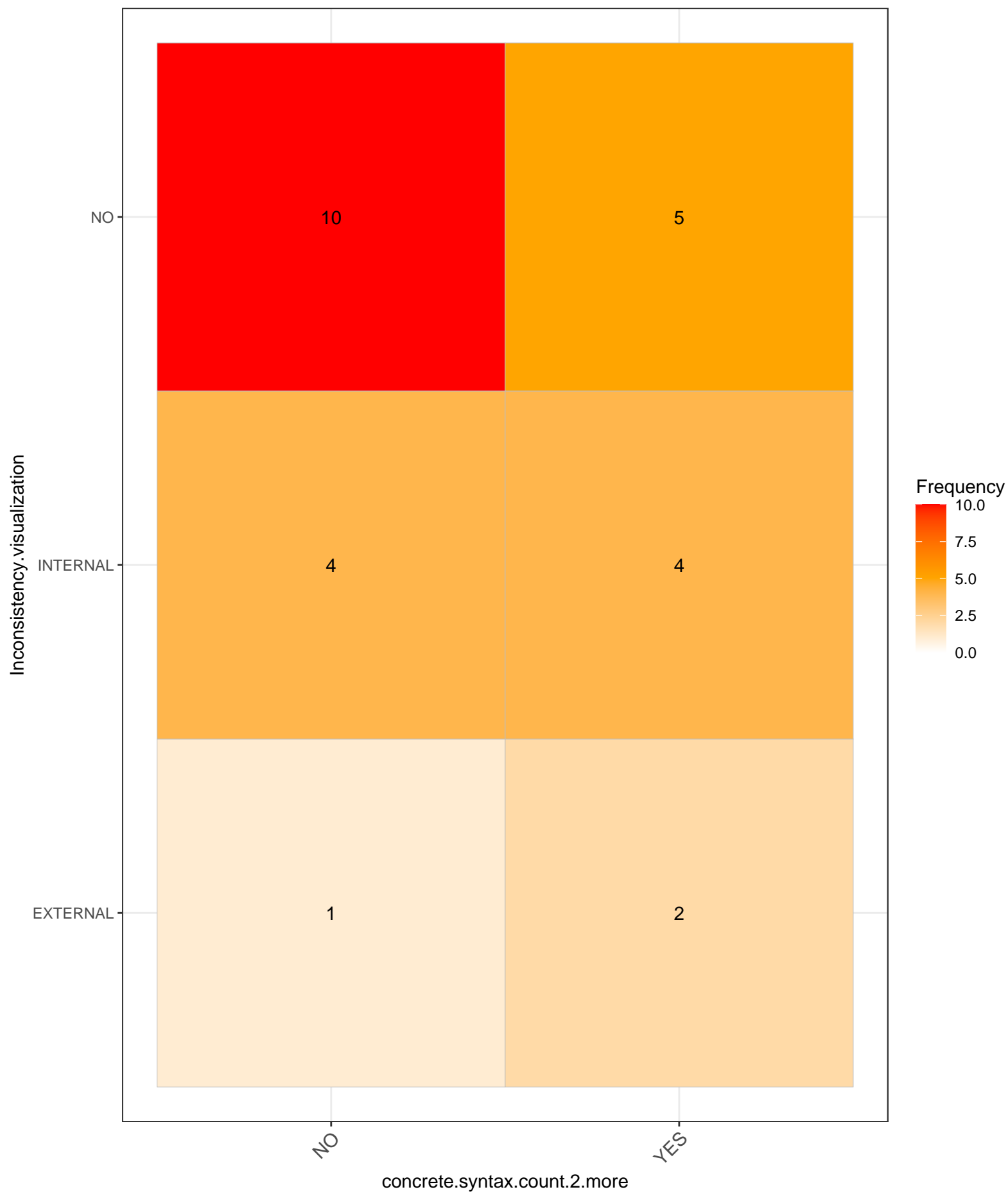
Inconsistency.visualization_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0, p= 0)



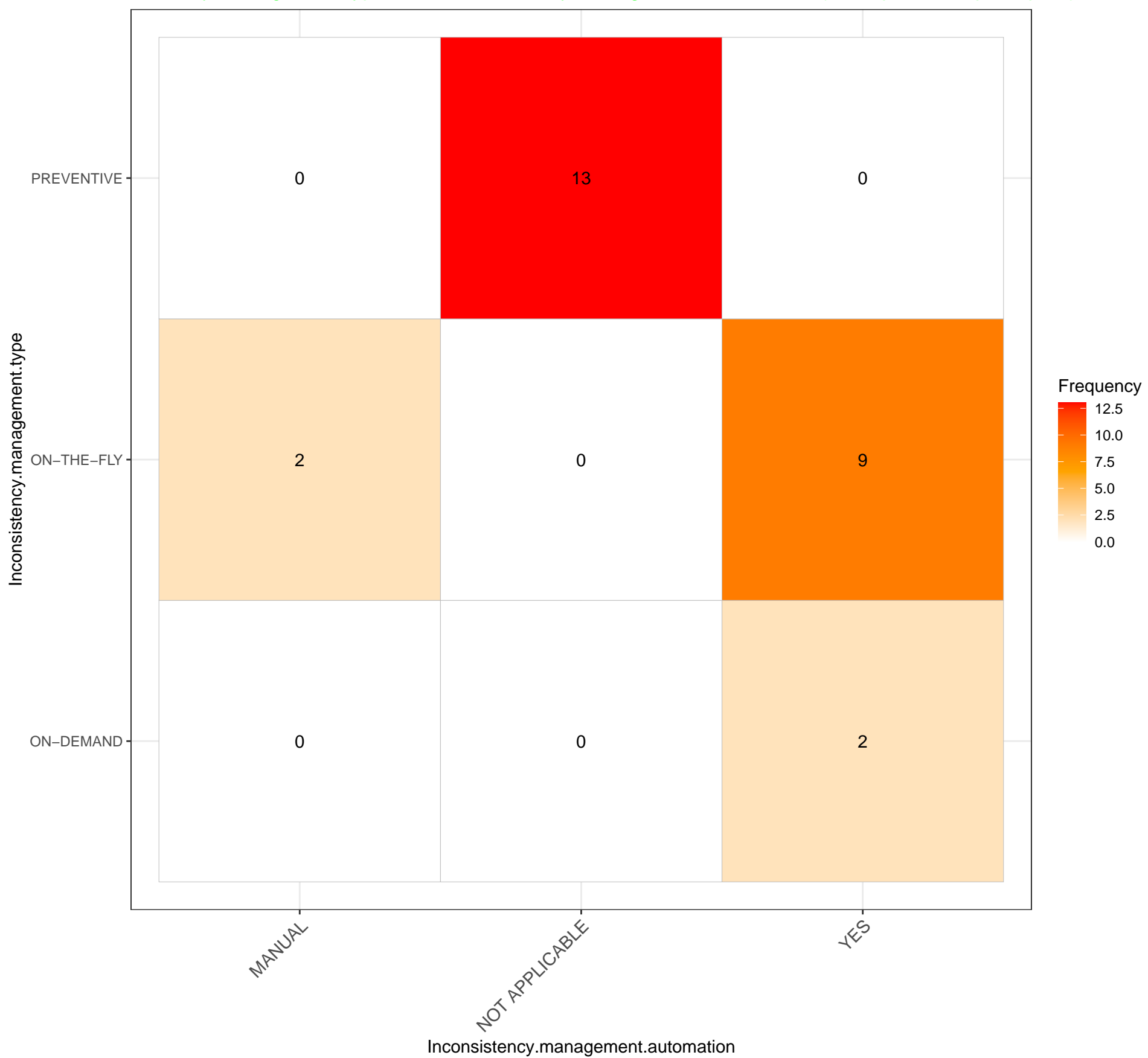
Inconsistency.visualization_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.1353, p= 0.1353)



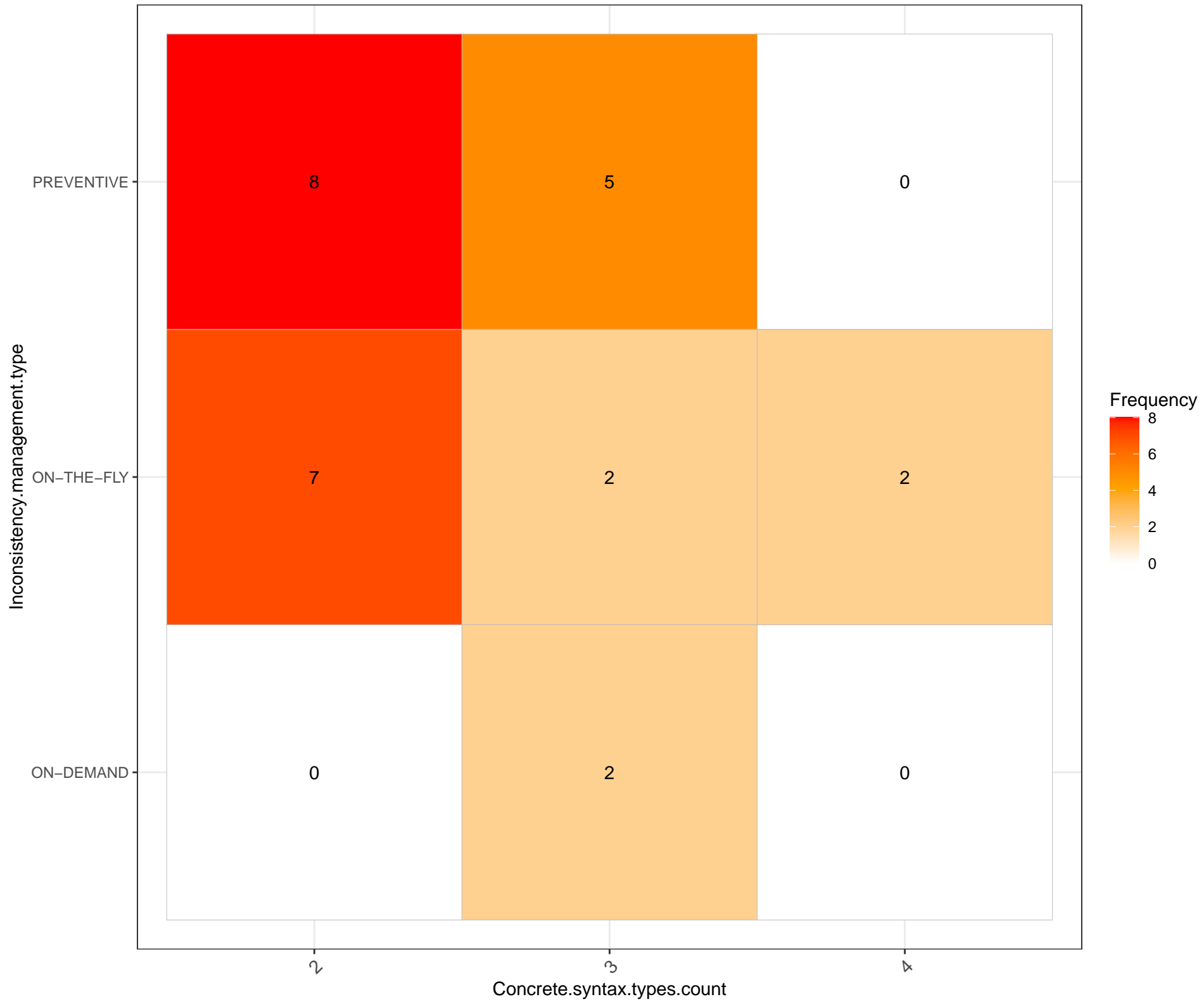
Inconsistency.visualization____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.4921, p= 0.4921)



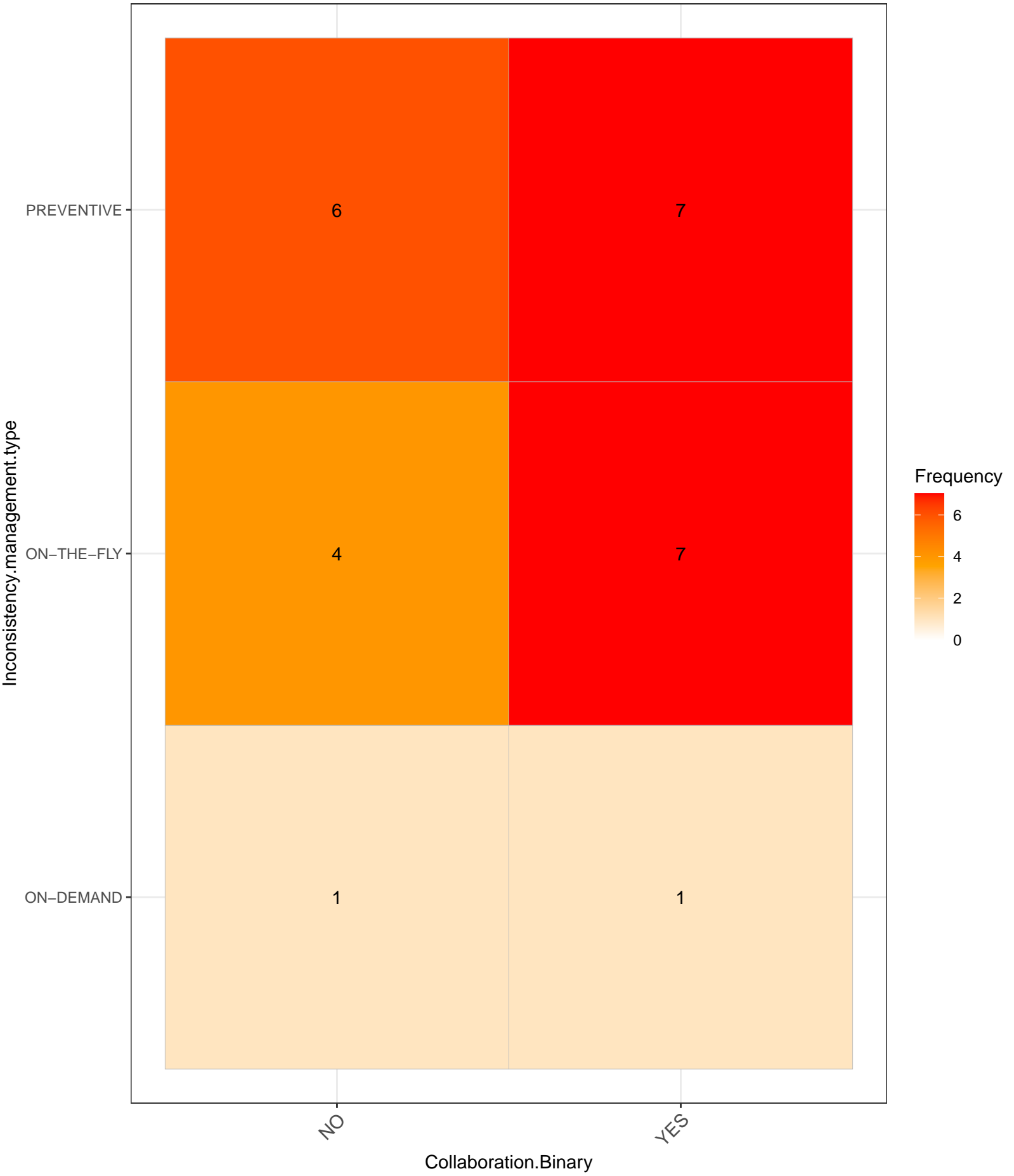
Inconsistency.management.type____Inconsistency.management.automation (Chi sq w/ Yates p= 0, p= 0)

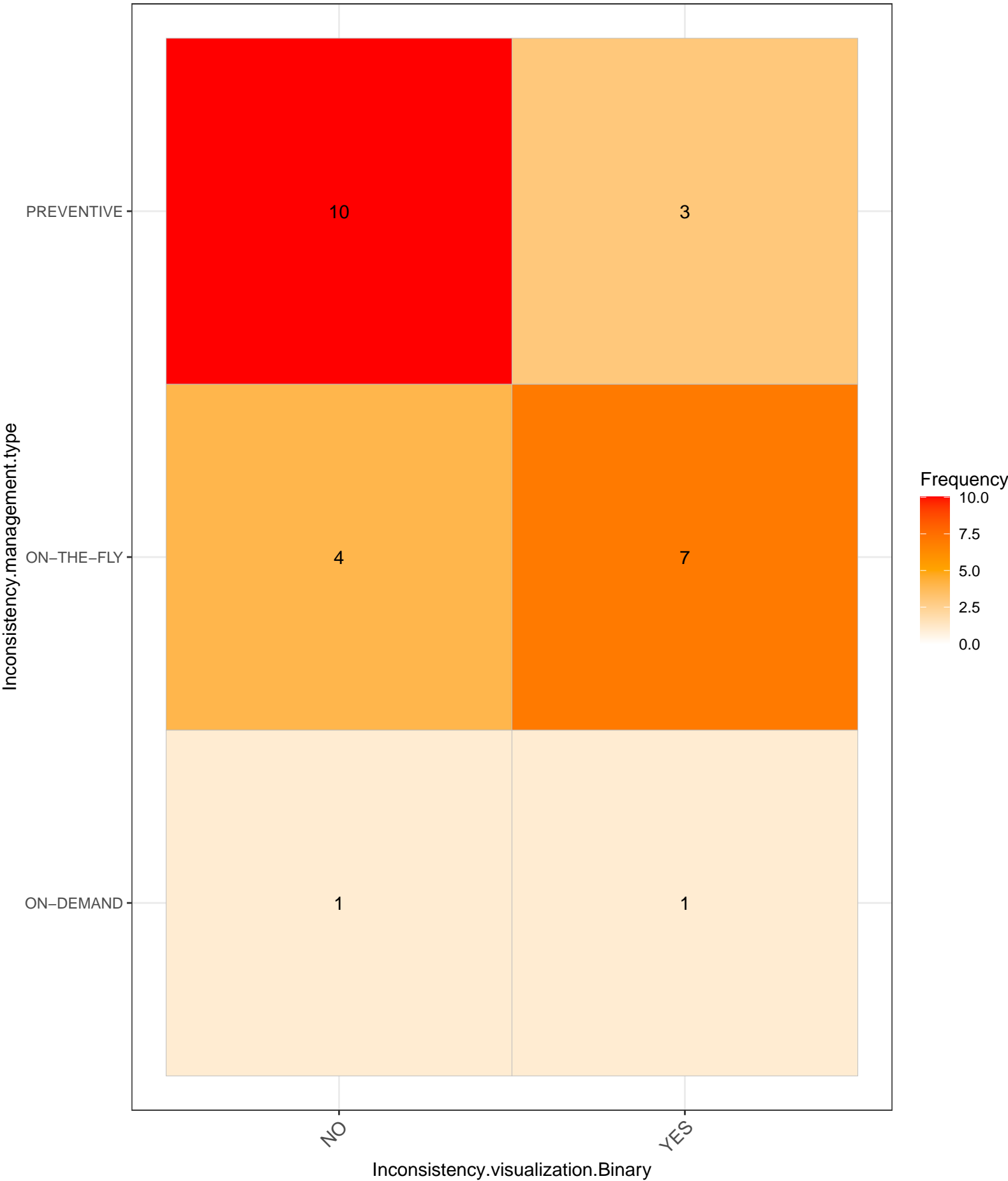


Inconsistency.management.type_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.1178, p= 0.1178)

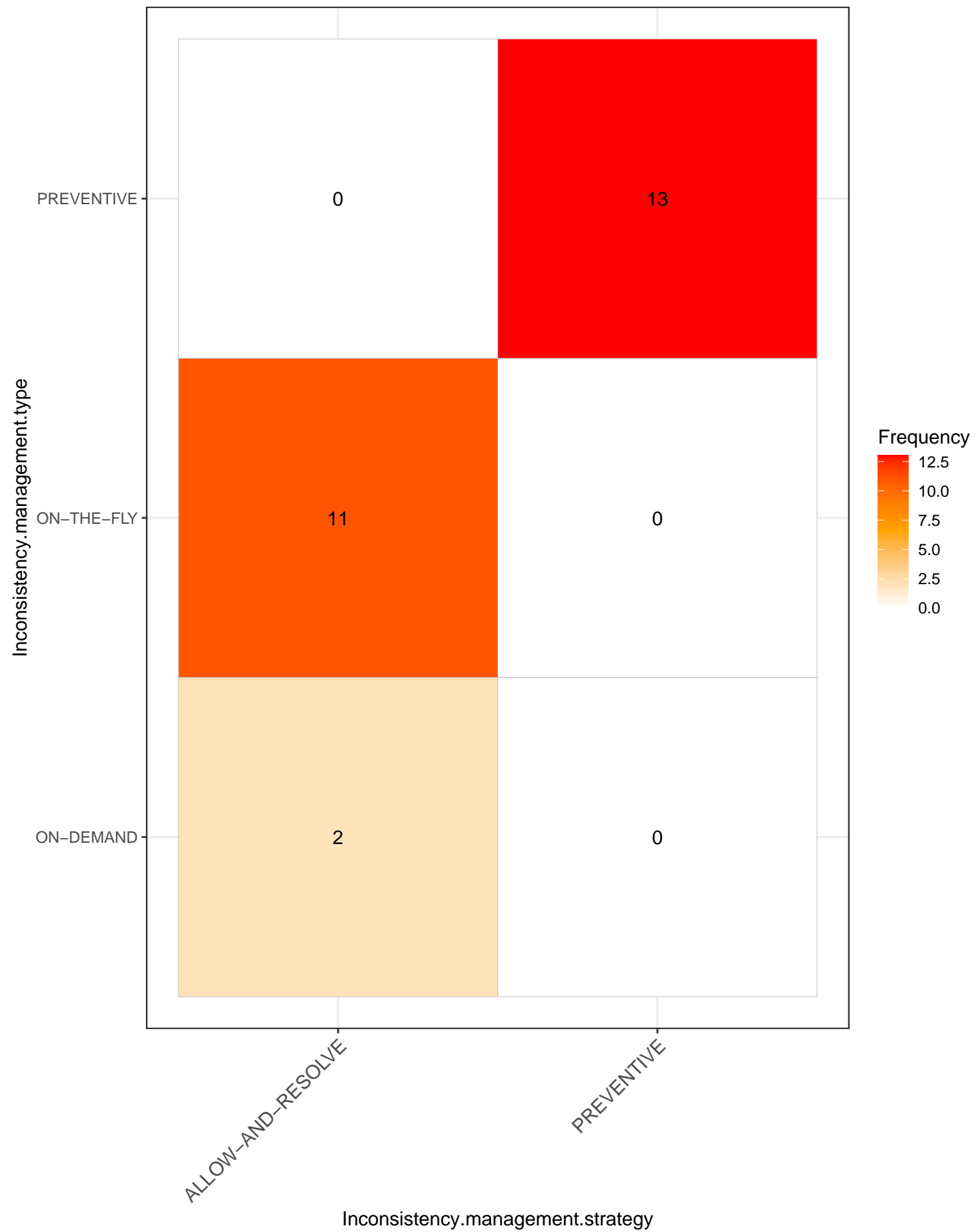


Inconsistency.management.type_____Collaboration.Binary (Chi sq w/ Yates p= 0.8665, p= 0.8665)

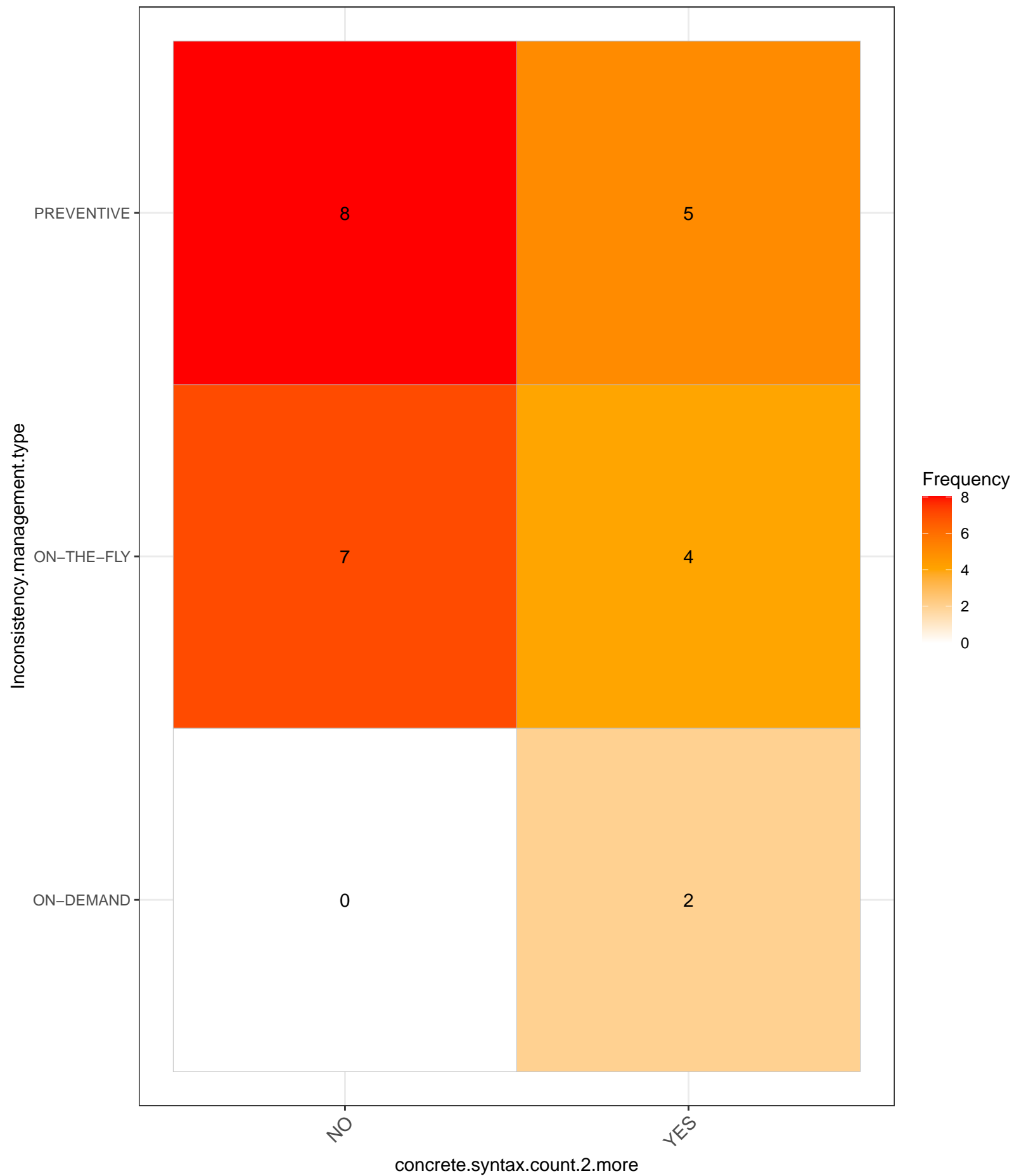




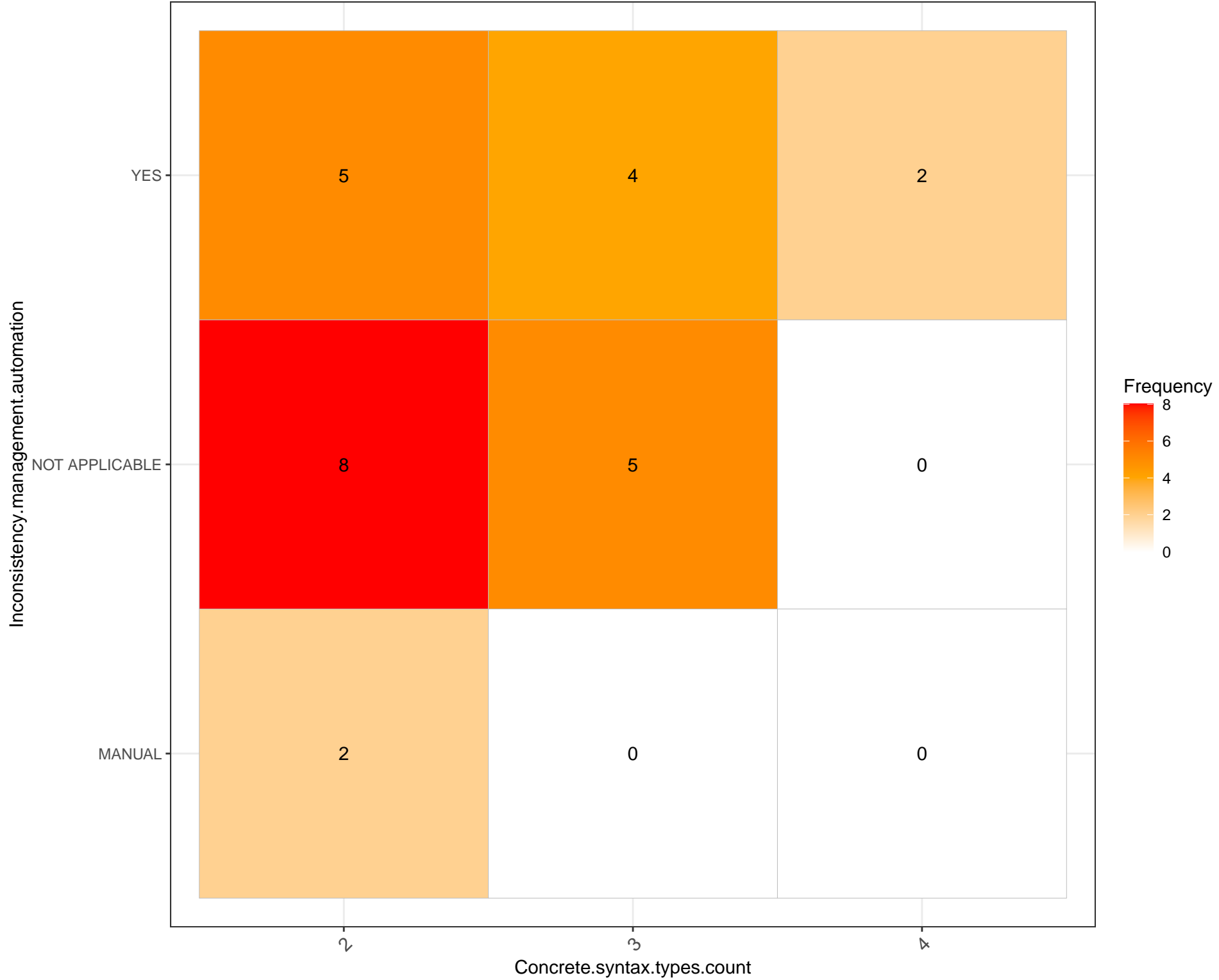
Inconsistency.management.type_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0, p= 0)



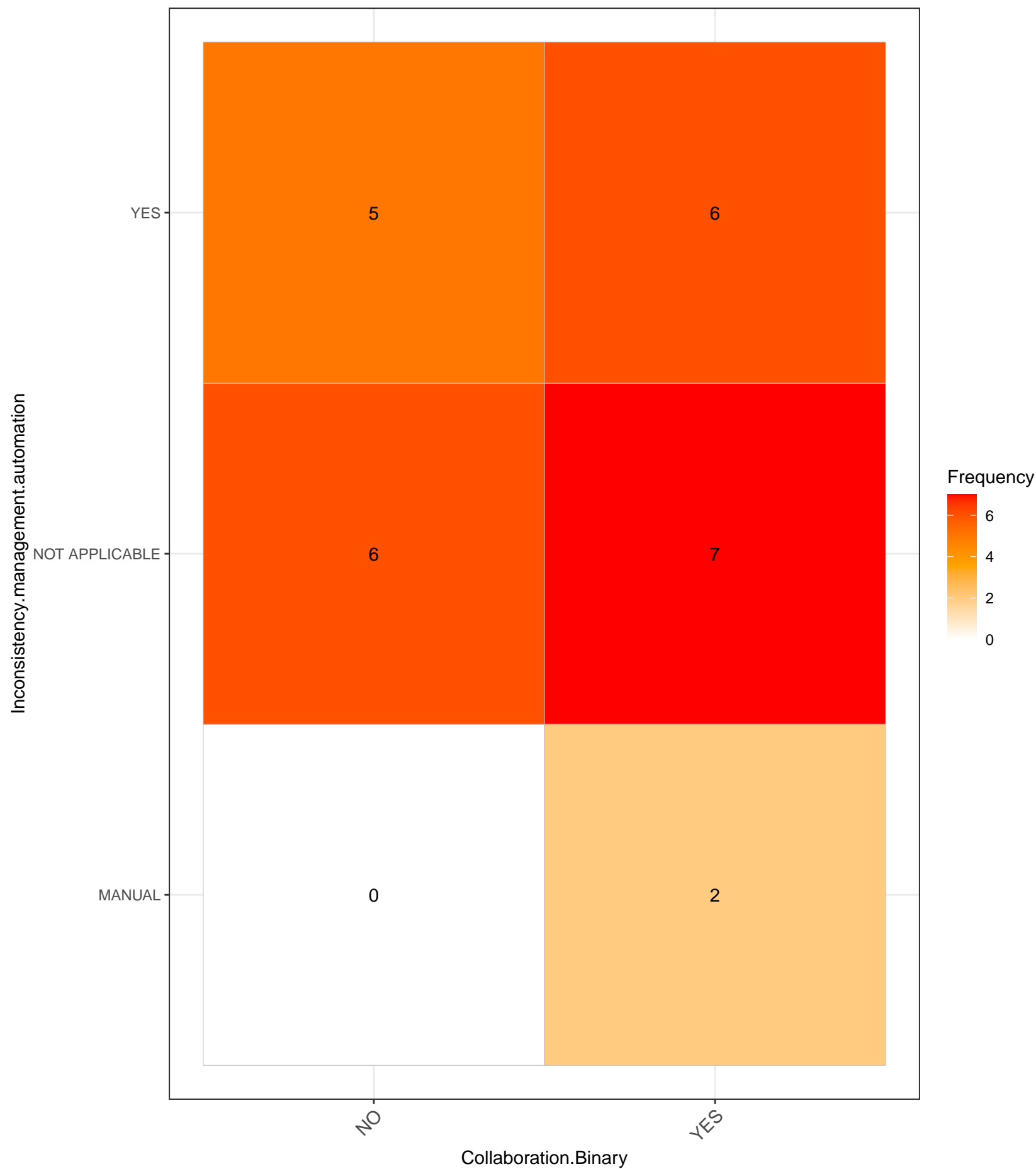
Inconsistency.management.type_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.227, p= 0.227)

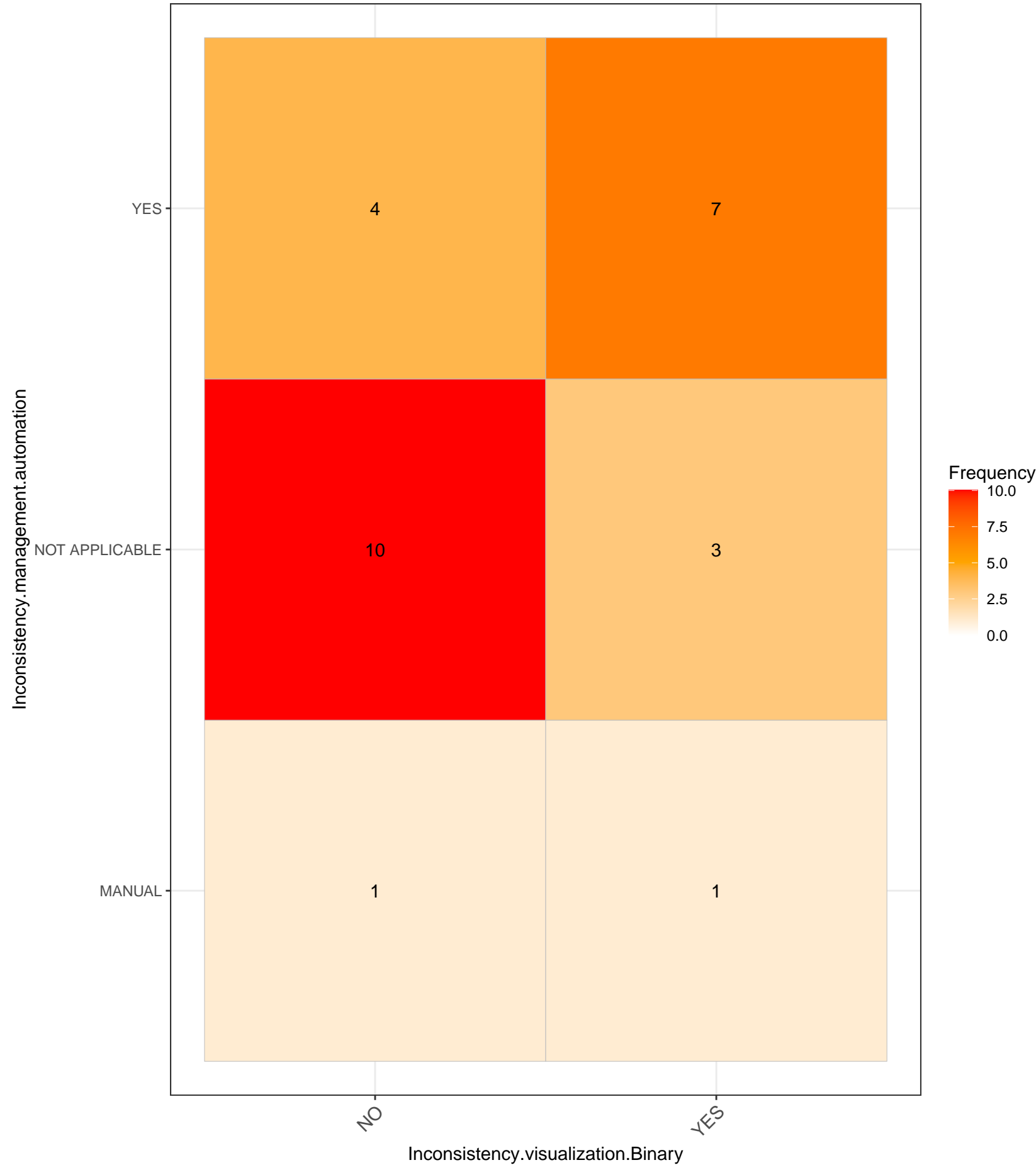


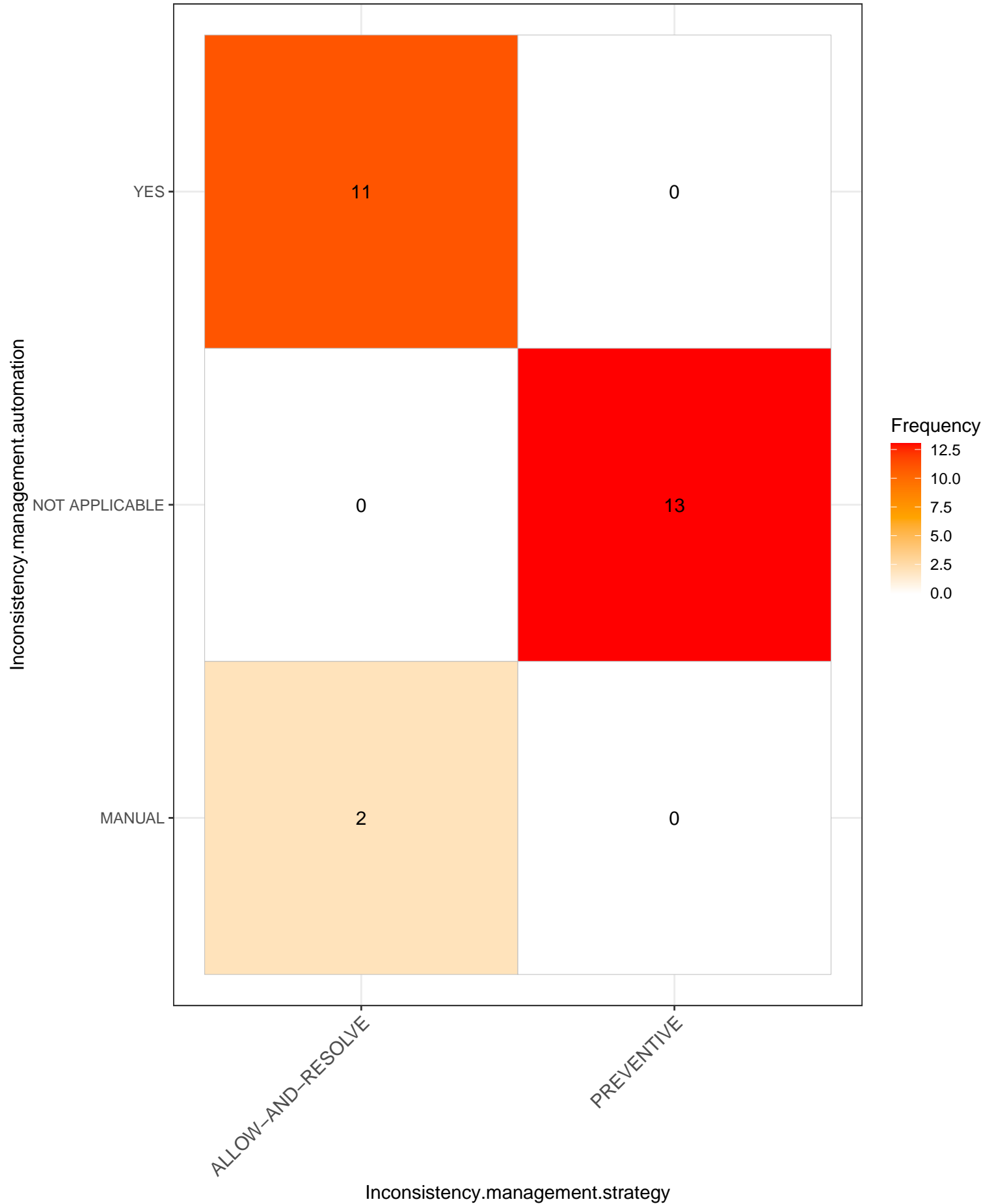
Inconsistency.management.automation_____Concrete.syntax.types.count (Chi sq w/ Yates p= 0.3516, p= 0.3516)



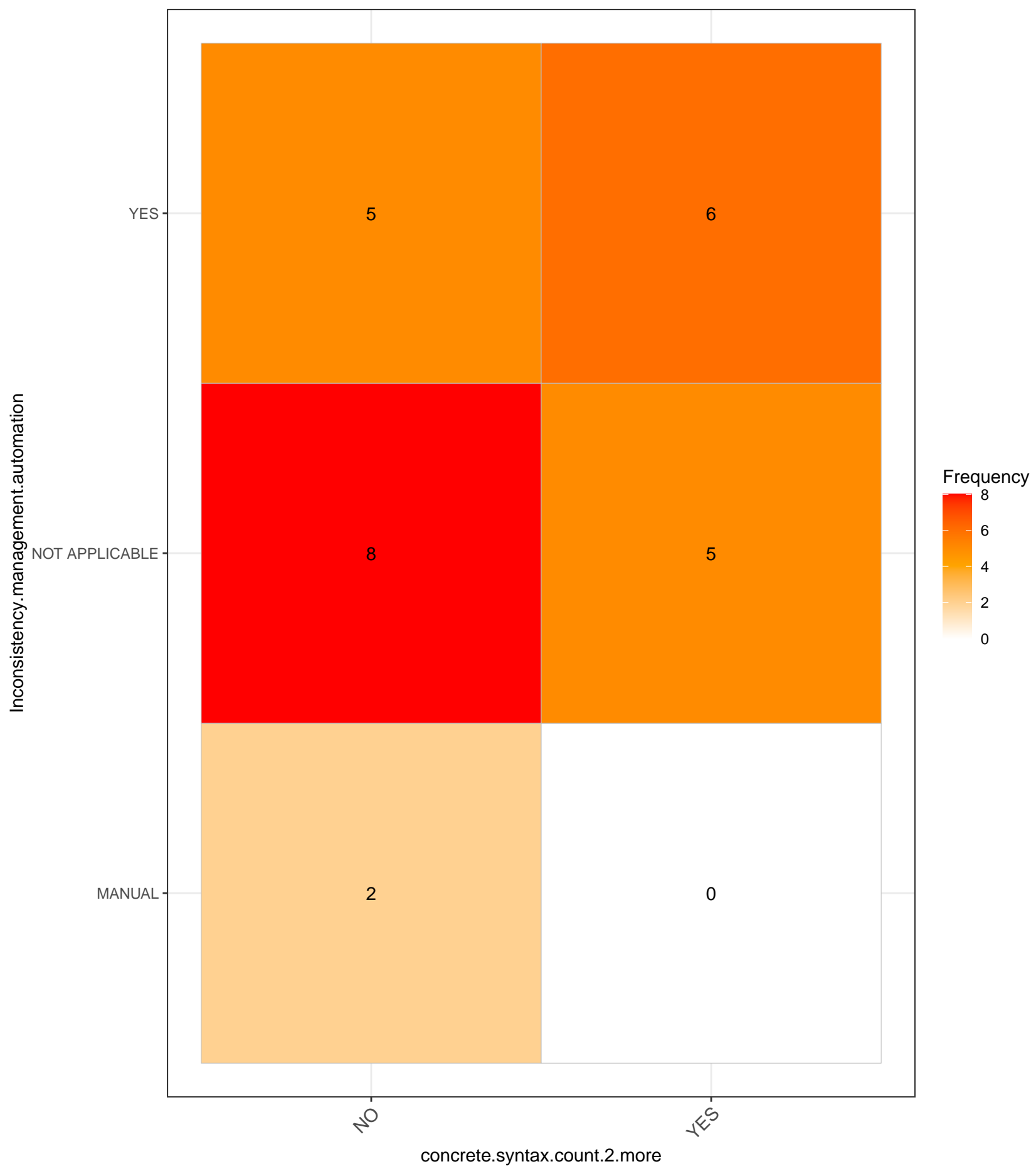
Inconsistency.management.automation_____Collaboration.Binary (Chi sq w/ Yates p= 0.4516, p= 0.4516)



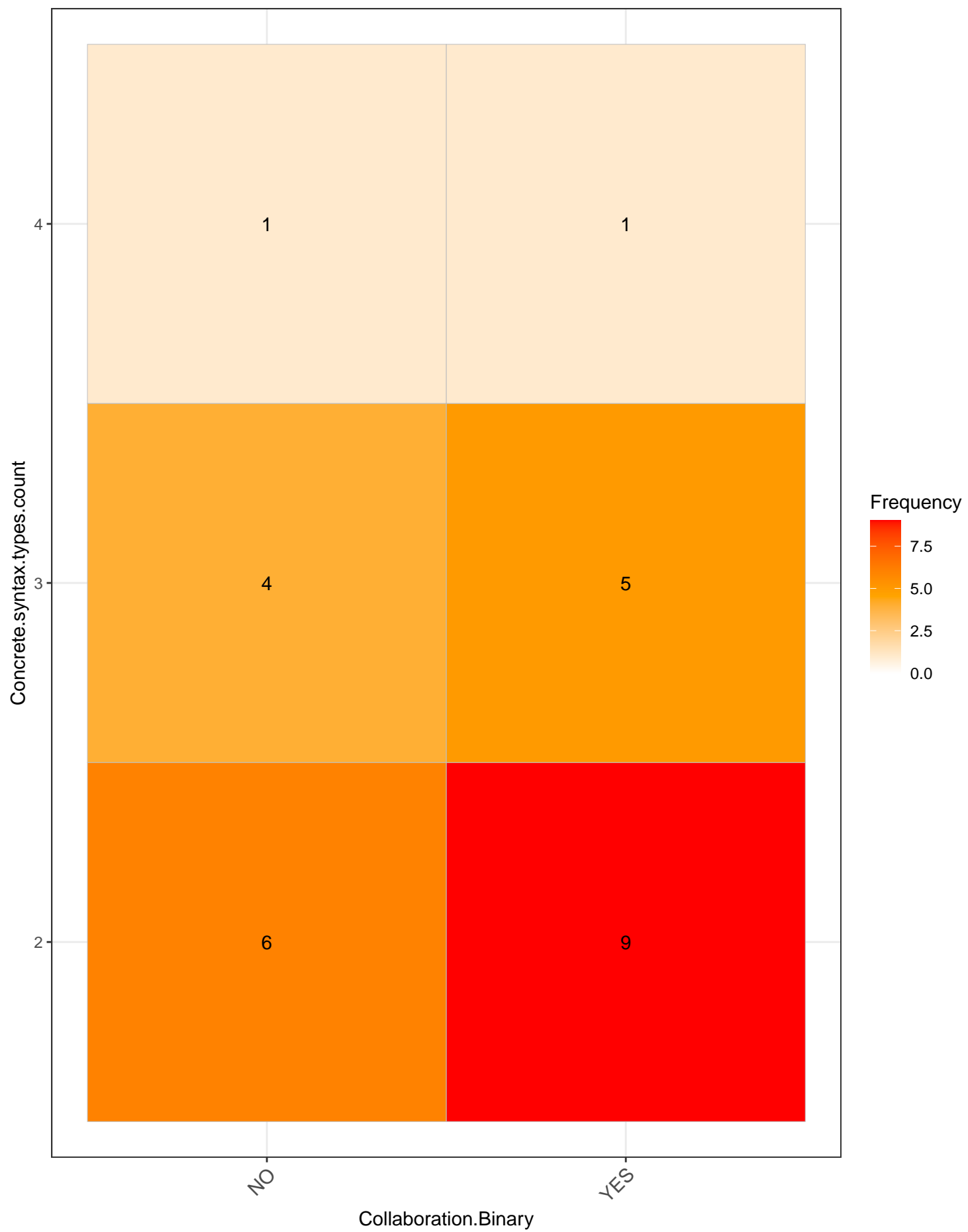




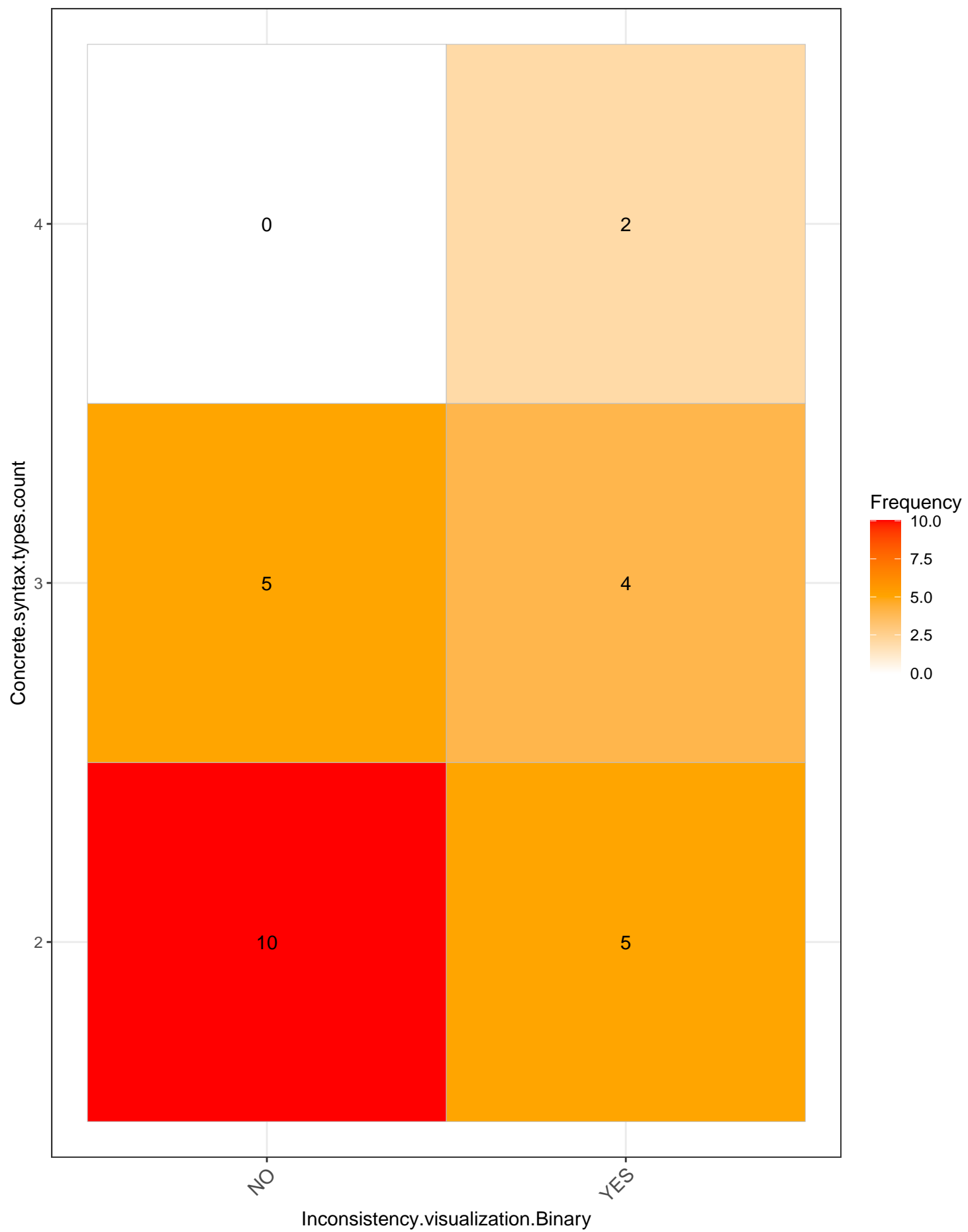
Inconsistency.management.automation_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.3295, p= 0.3295)



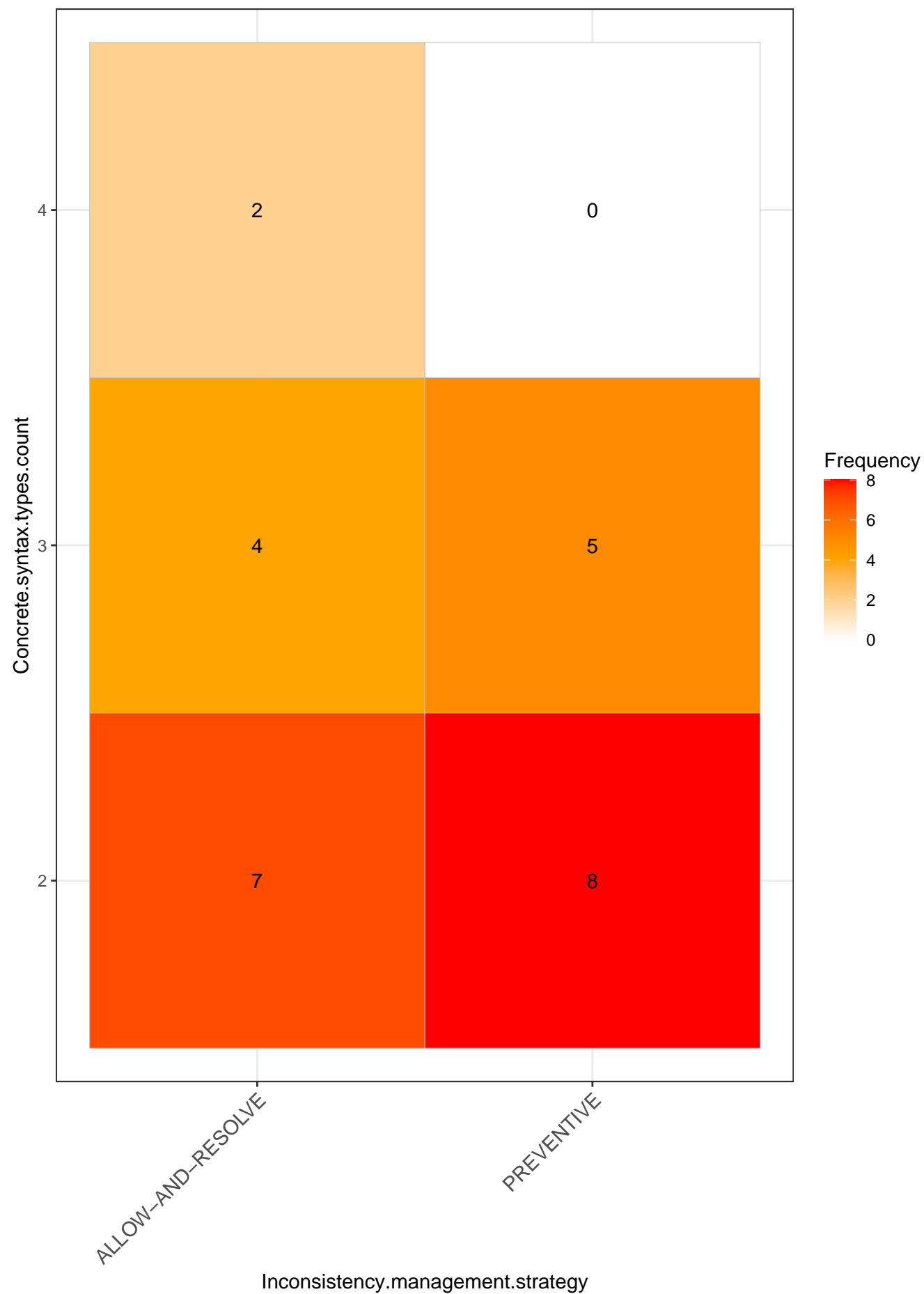
Concrete.syntax.types.count_____Collaboration.Binary (Chi sq w/ Yates p= 0.9522, p= 0.9522)



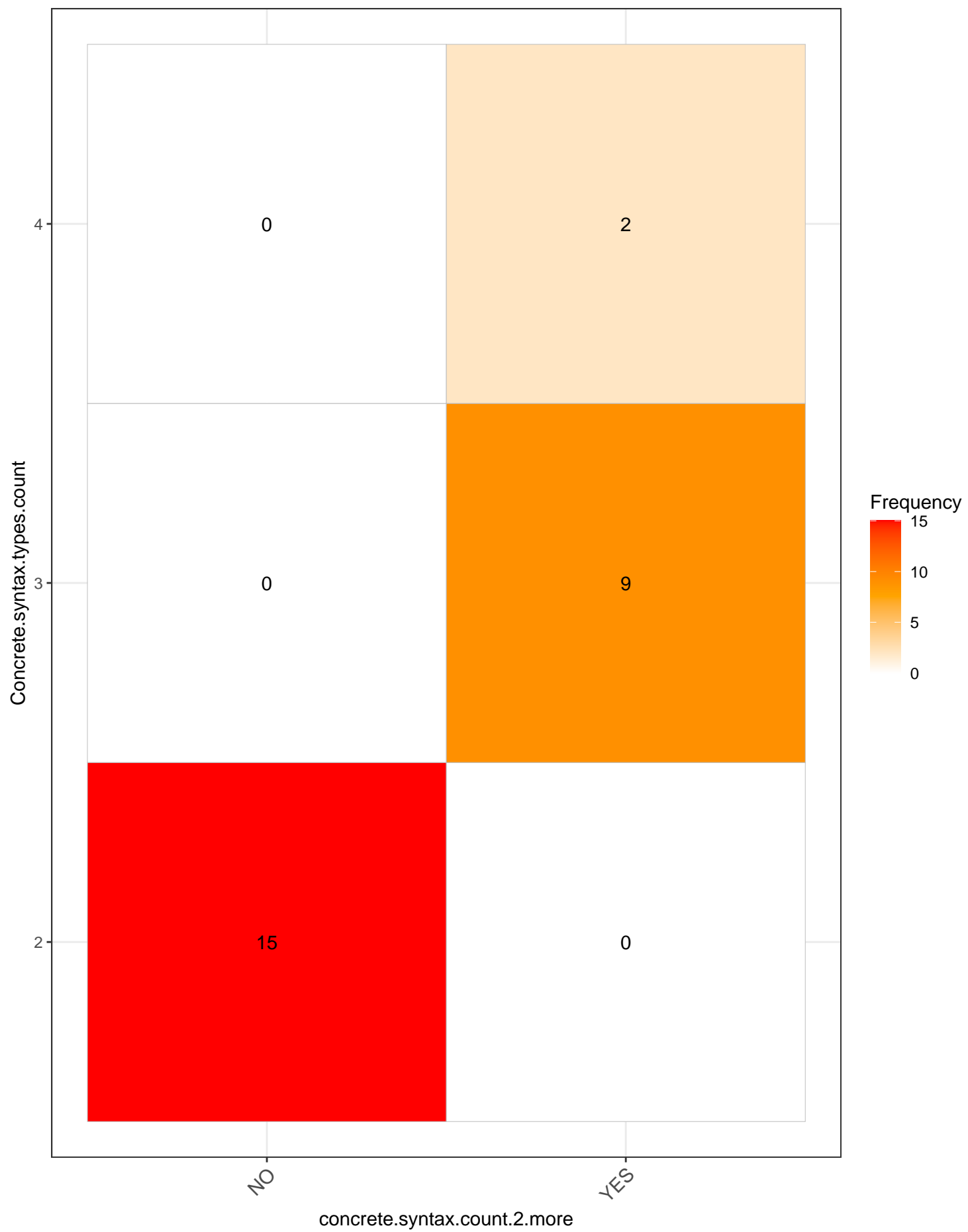
Concrete.syntax.types.count_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.198, p= 0.198)



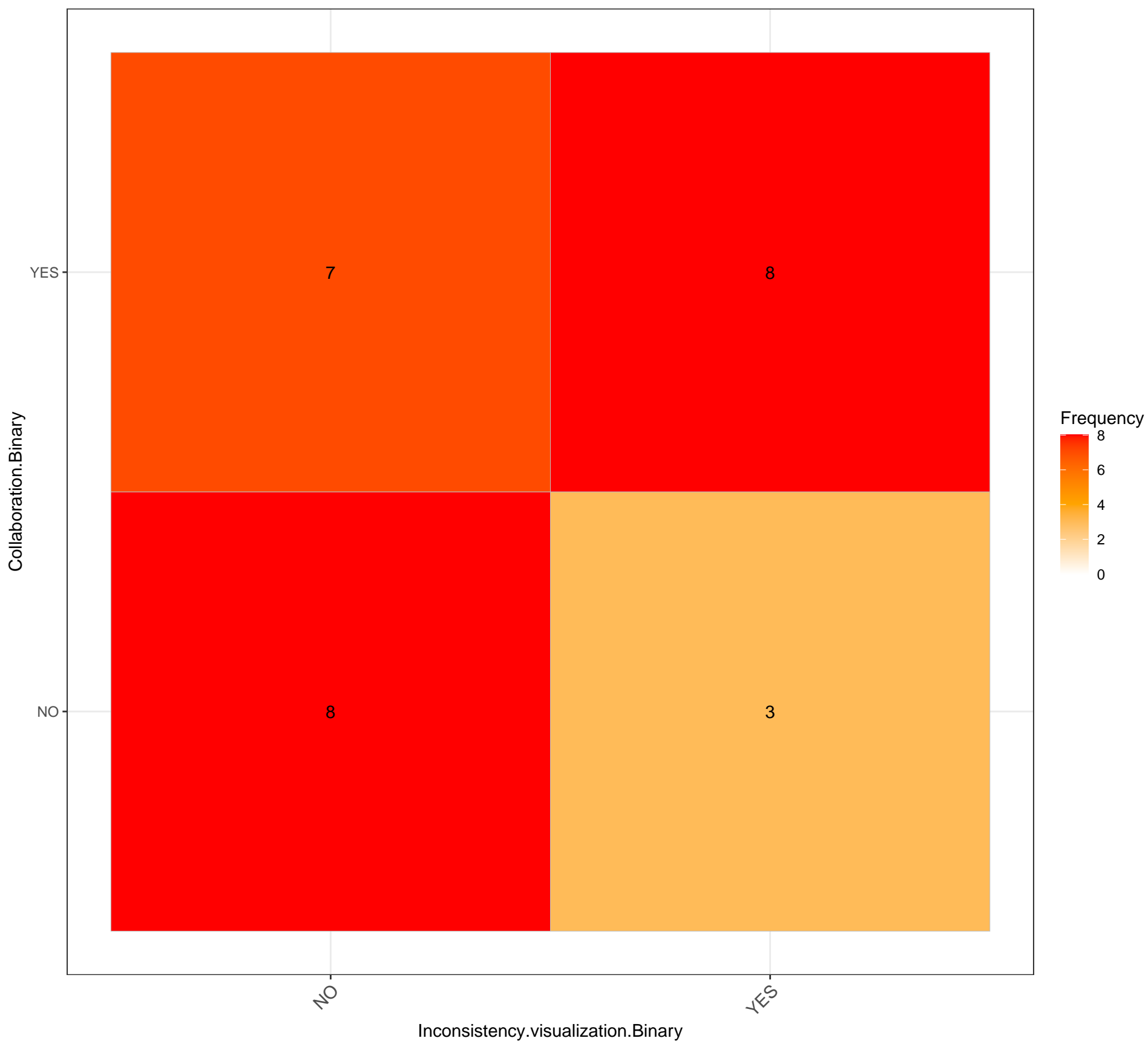
Concrete.syntax.types.count_____Inconsistency.management.strategy (Chi sq w/ Yates p= 0.3366, p= 0.3366)



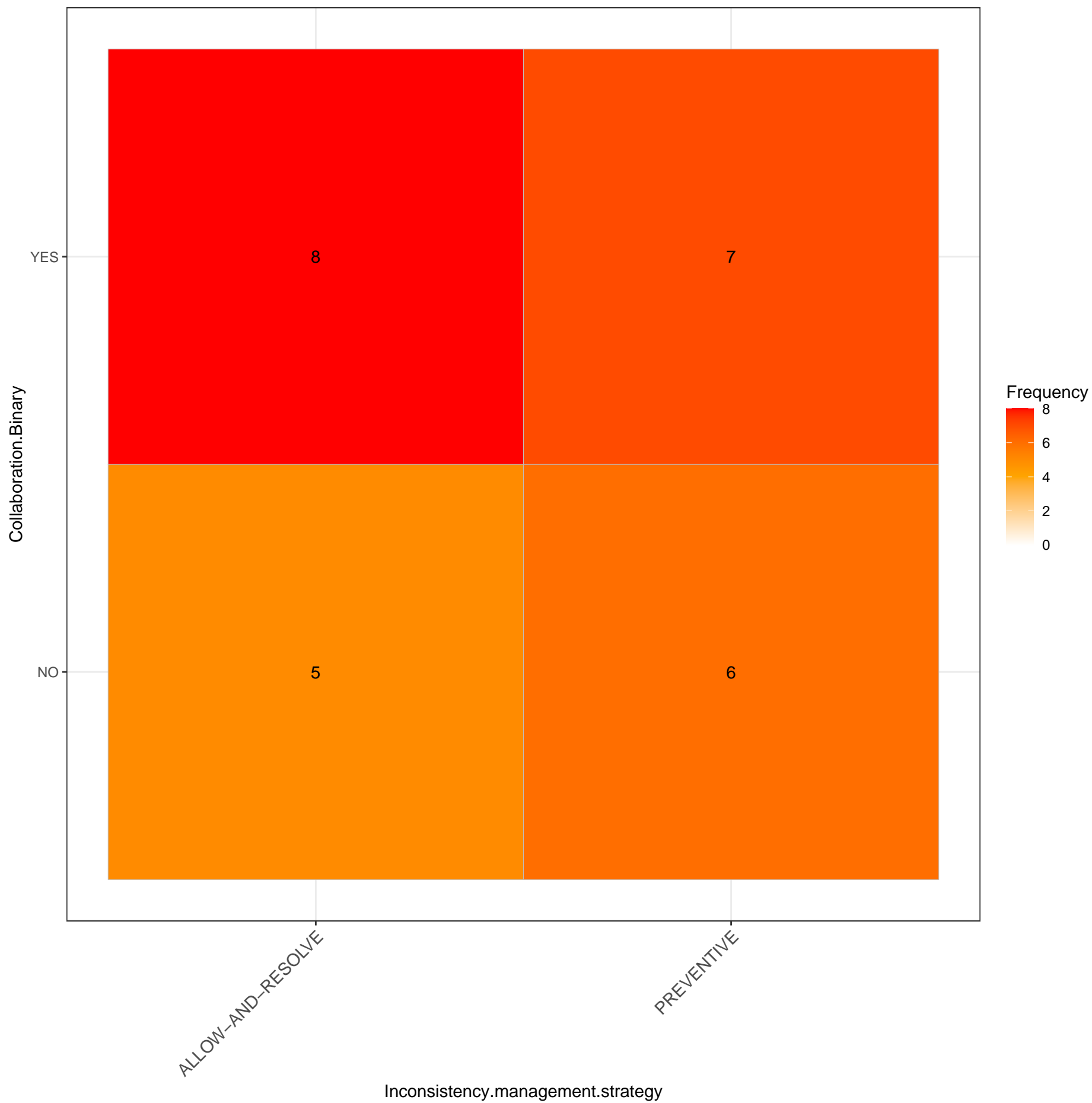
Concrete.syntax.types.count_____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0, p= 0)



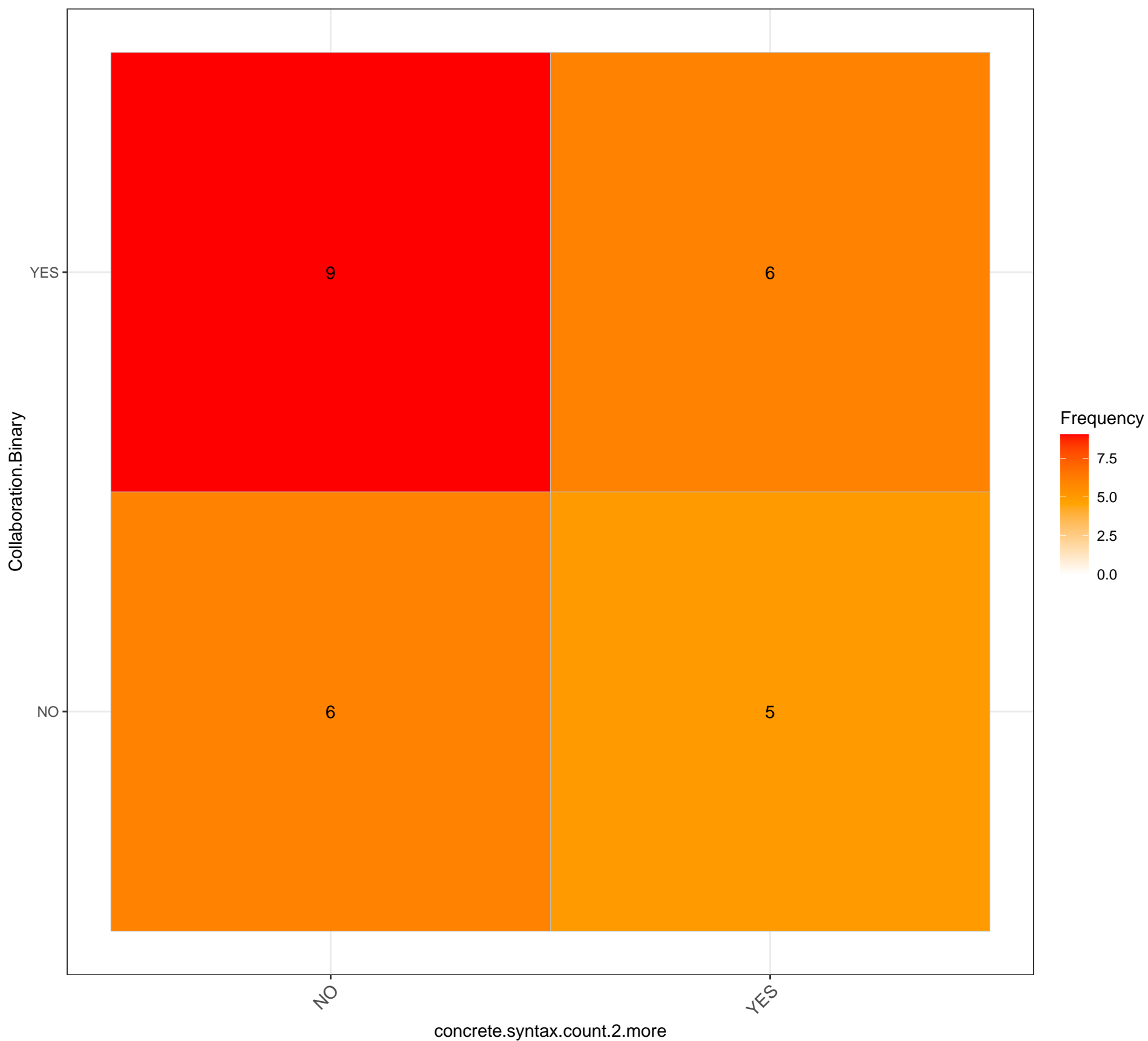
Collaboration.Binary_____Inconsistency.visualization.Binary (Chi sq w/ Yates p= 0.3539, p= 0.1839)

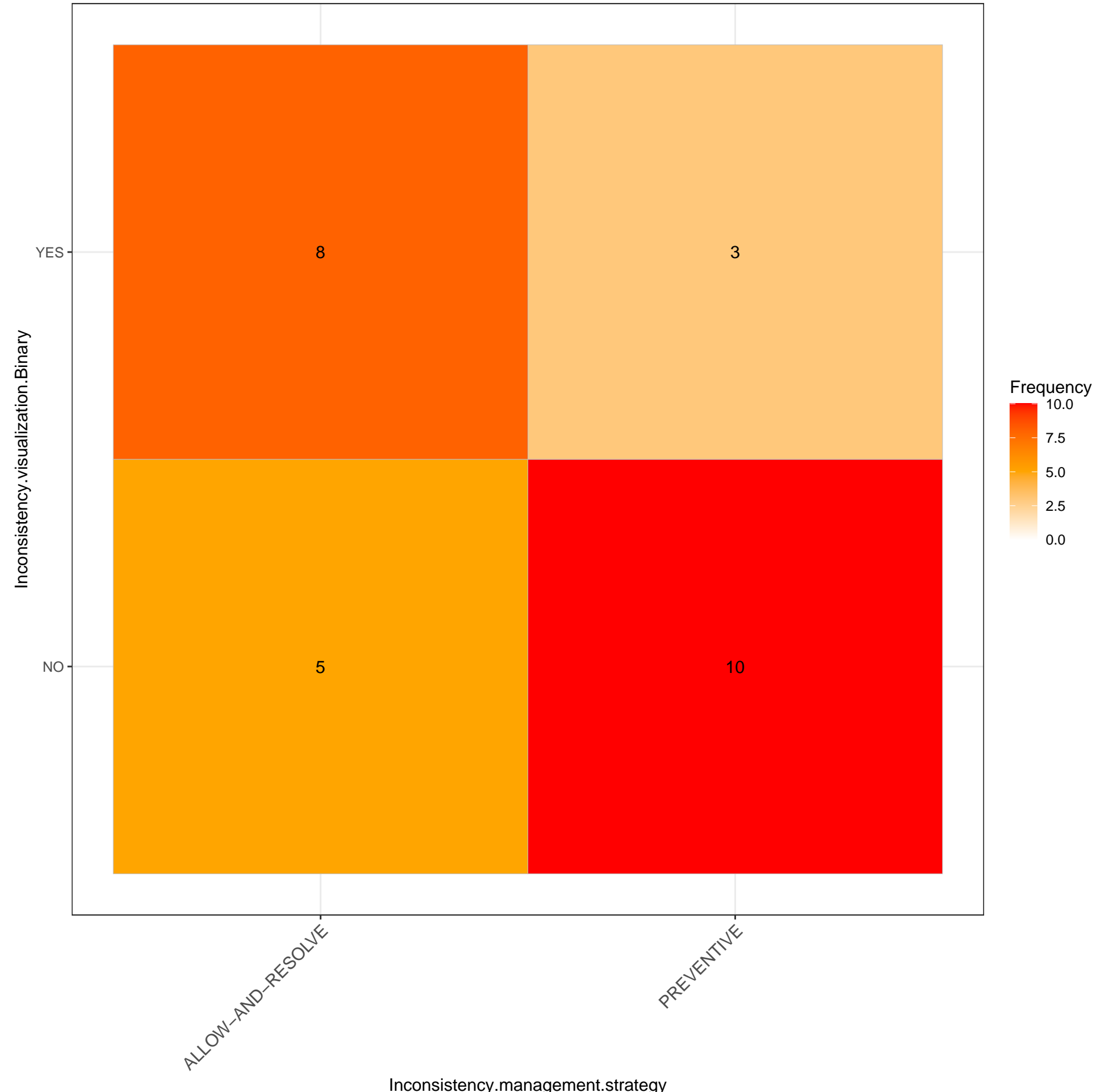


Collaboration.Binary_____Inconsistency.management.strategy (Chi sq w/ Yates p= 1, p= 0.6914)

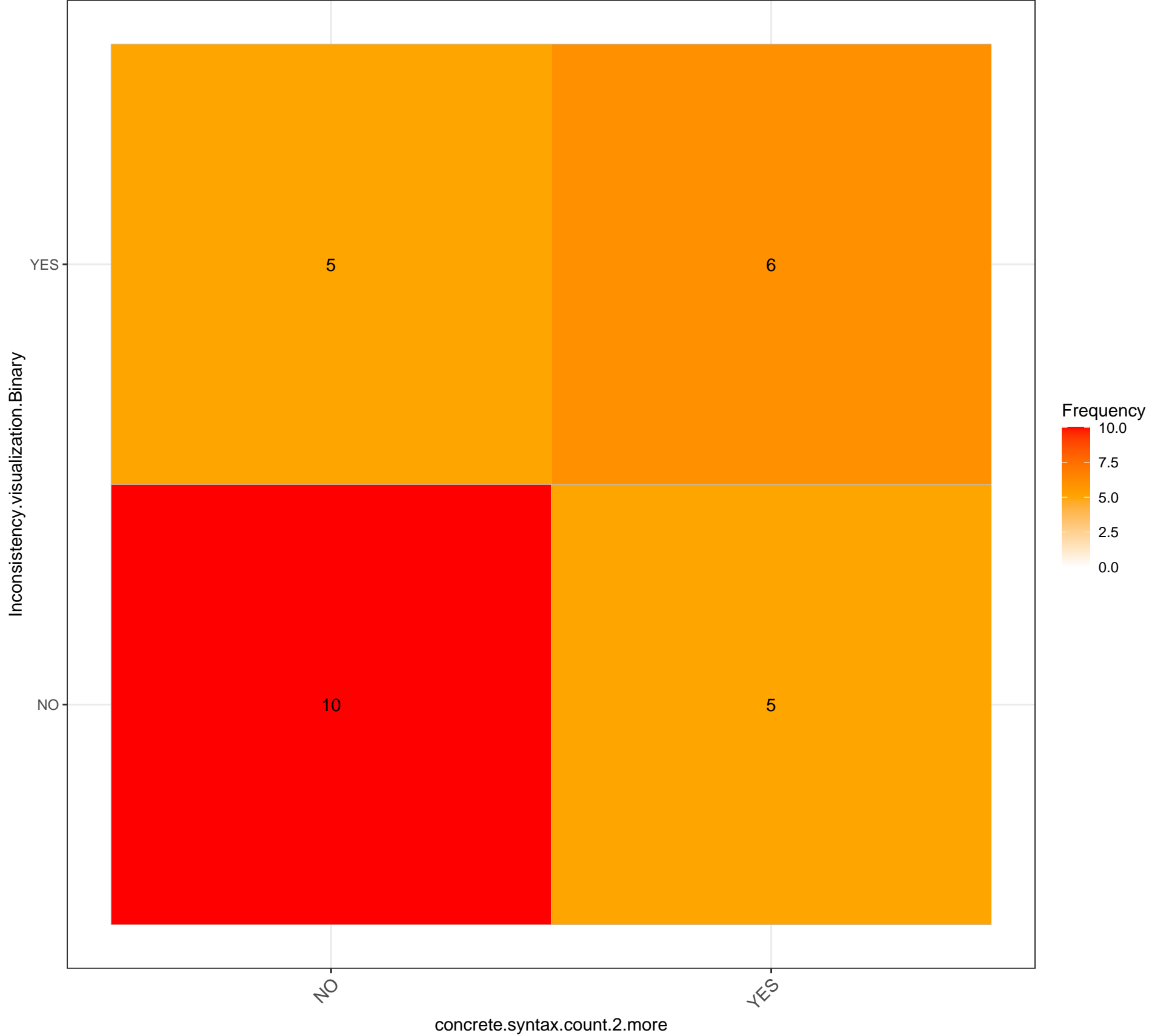


Collaboration.Binary____concrete.syntax.count.2.more (Chi sq w/ Yates p= 1, p= 0.7809)





Inconsistency.visualization.Binary____concrete.syntax.count.2.more (Chi sq w/ Yates p= 0.4966, p= 0.2794)



Inconsistency.management.strategy____concrete.syntax.count.2.more (Chi sq w/ Yates p= 1, p= 0.6914)

