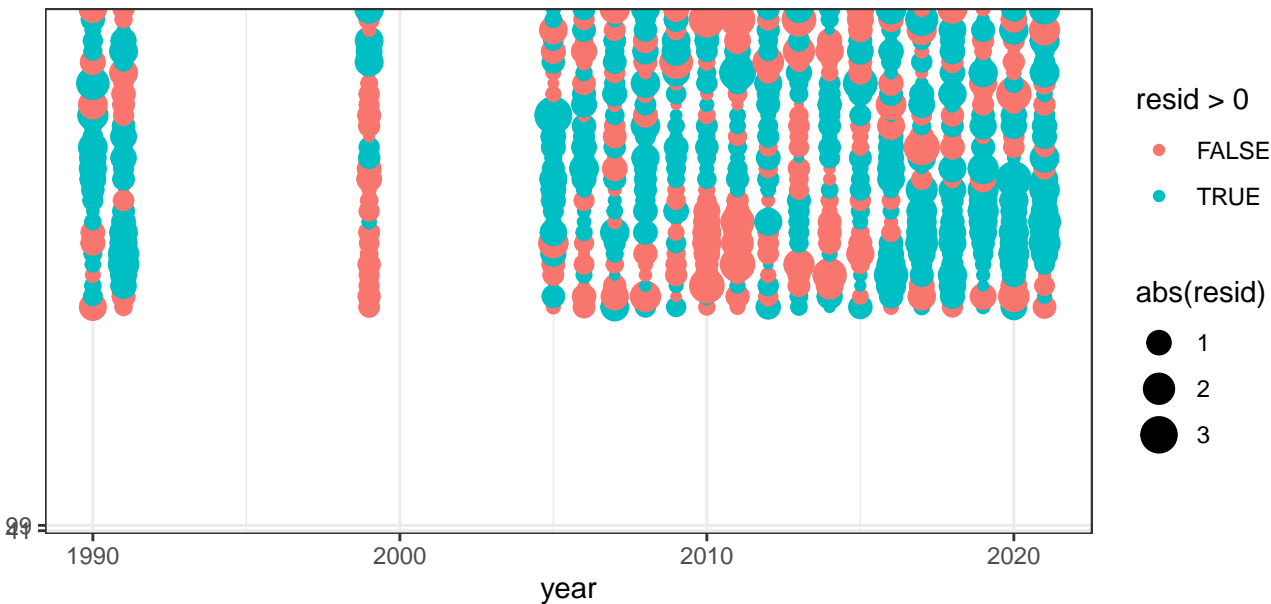
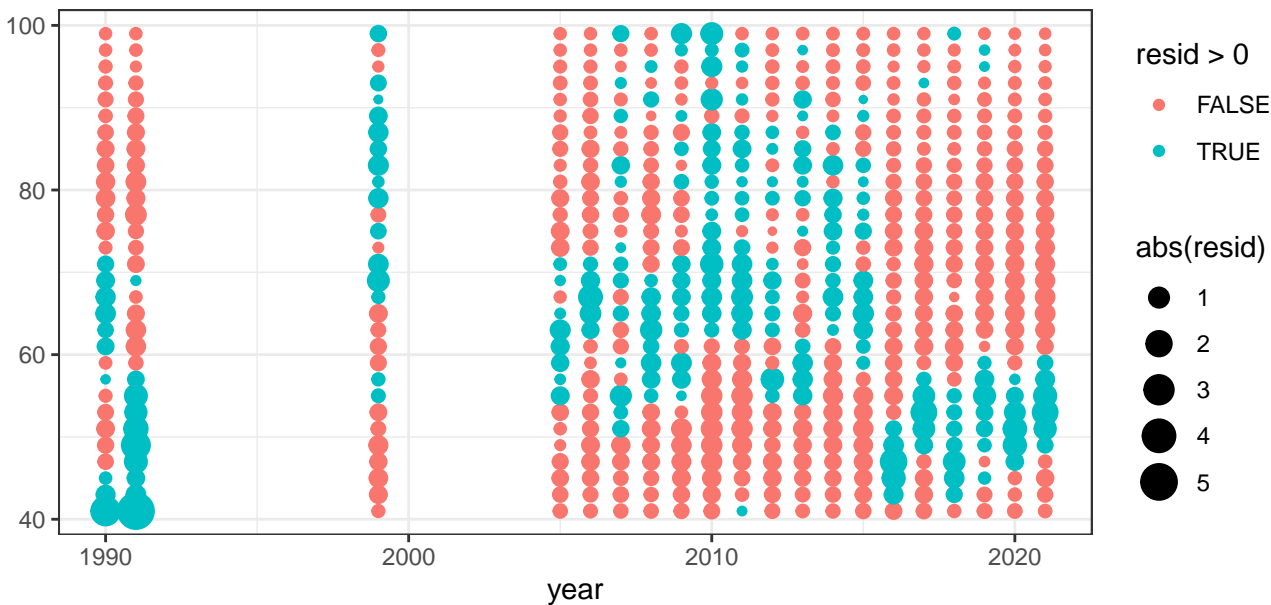


OSA w/o length 1



Pearson



OSA w/o length 41

length

99
41

1990

2000

year

2010

2020

resid > 0

FALSE

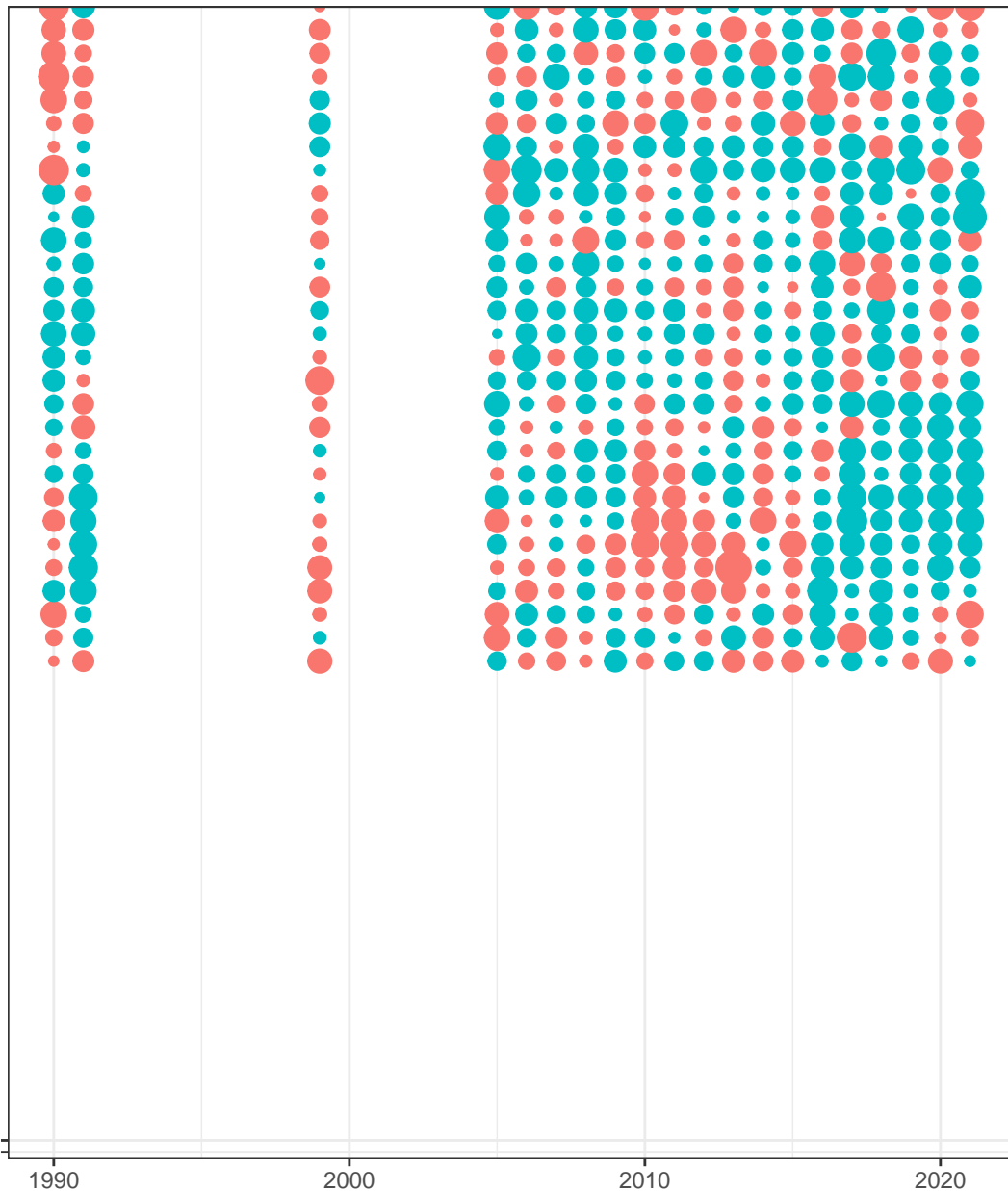
TRUE

abs(resid)

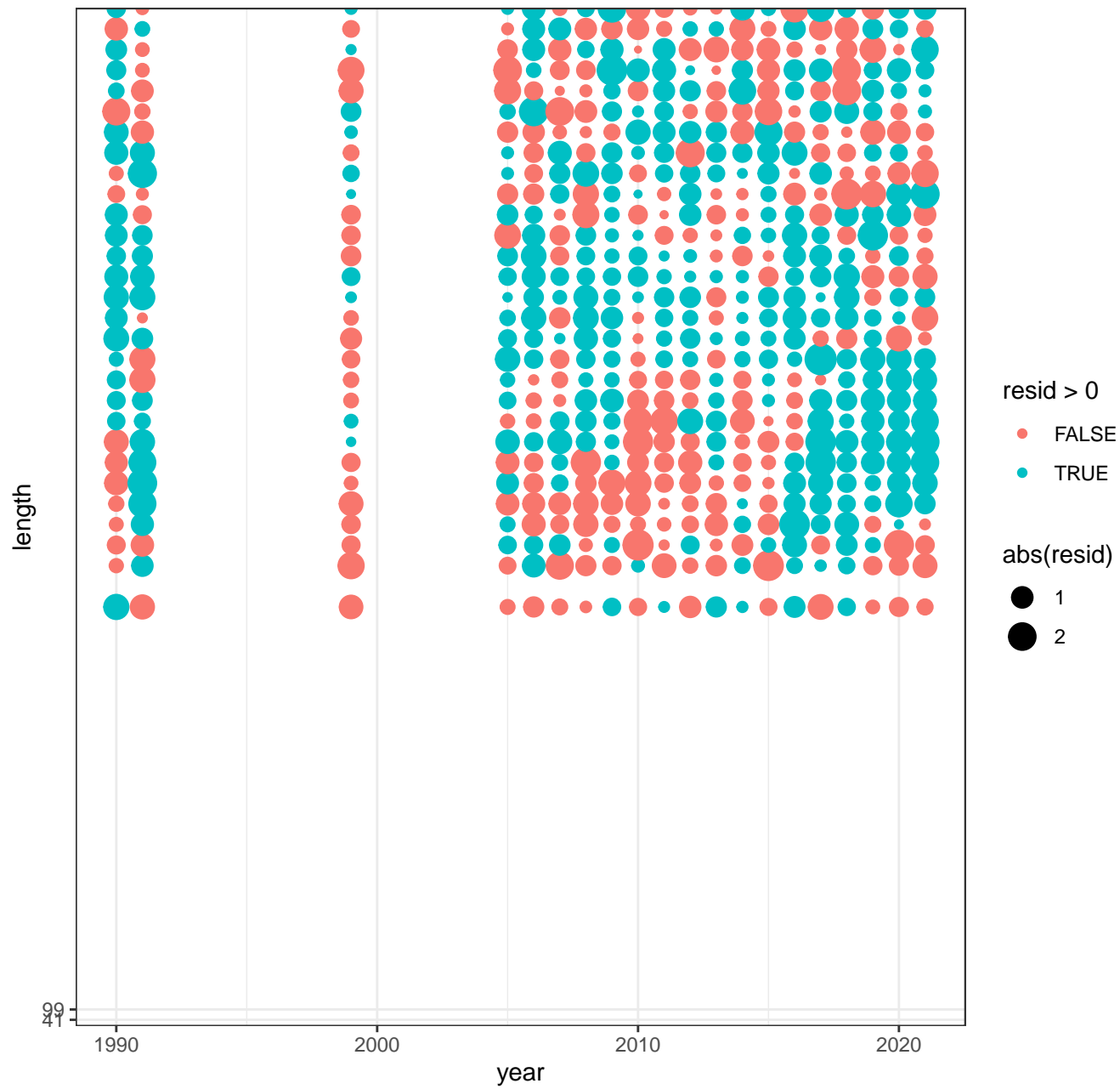
1

2

3



OSA w/o length 43



OSA w/o length 45

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

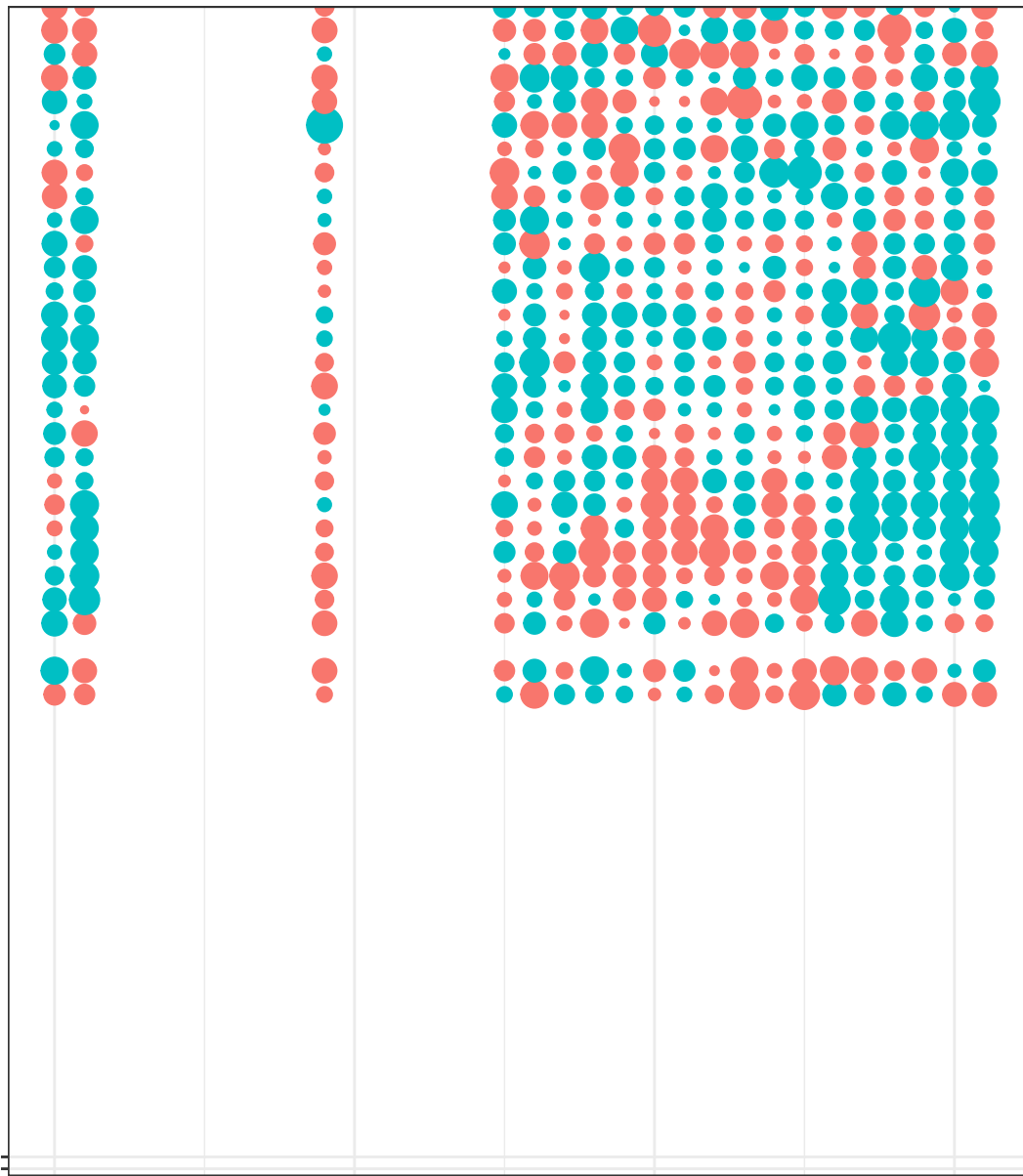
TRUE

abs(resid)

1

2

3



OSA w/o length 47

length

99
41

1990

2000

year

2010

2020

resid > 0

FALSE

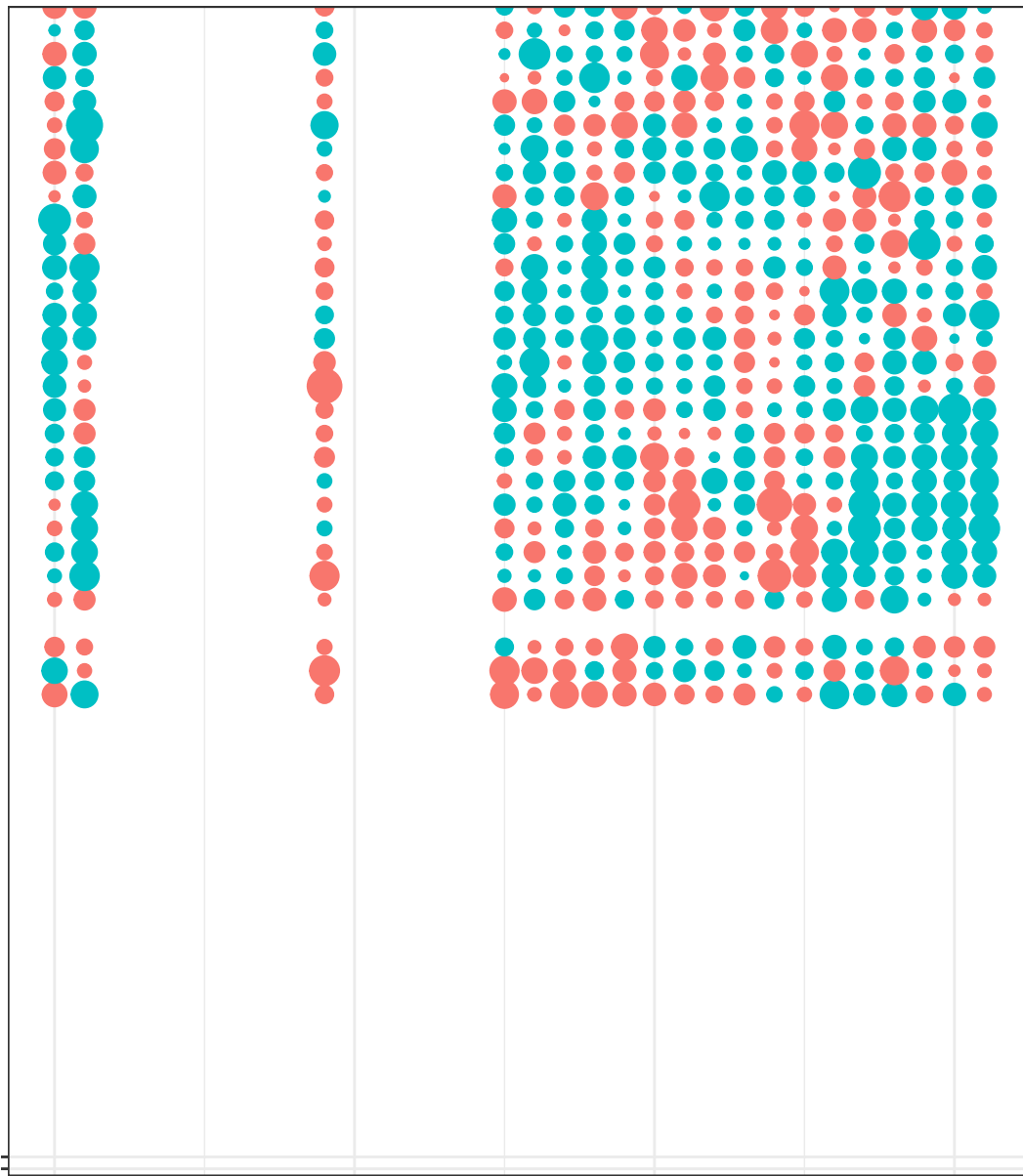
TRUE

abs(resid)

1

2

3



OSA w/o length 49

length

99
49

1990

2000

2010

2020

year

resid > 0

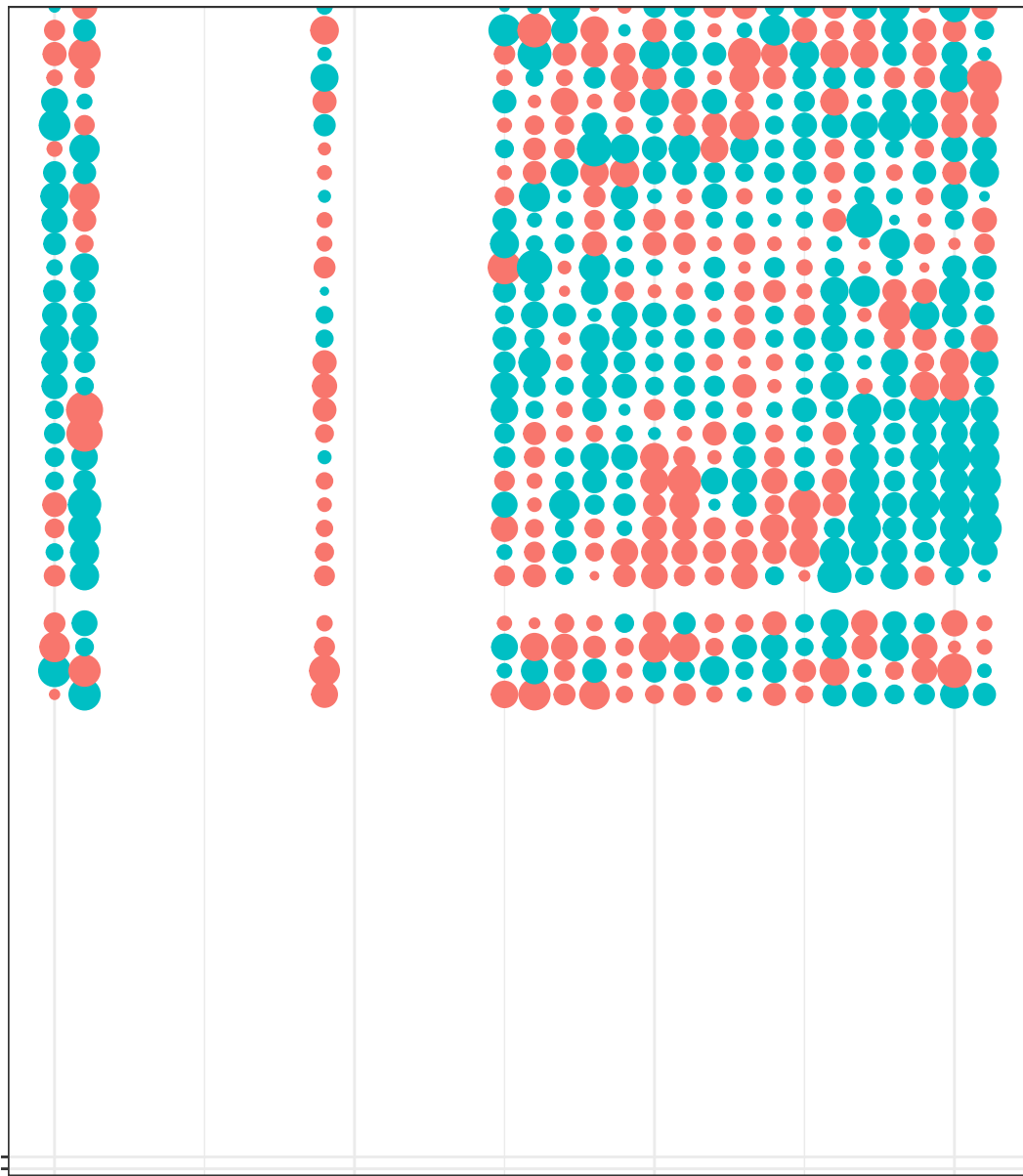
FALSE

TRUE

abs(resid)

1

2



OSA w/o length 51

length

99
41

1990

2000

year

2010

2020

resid > 0

FALSE

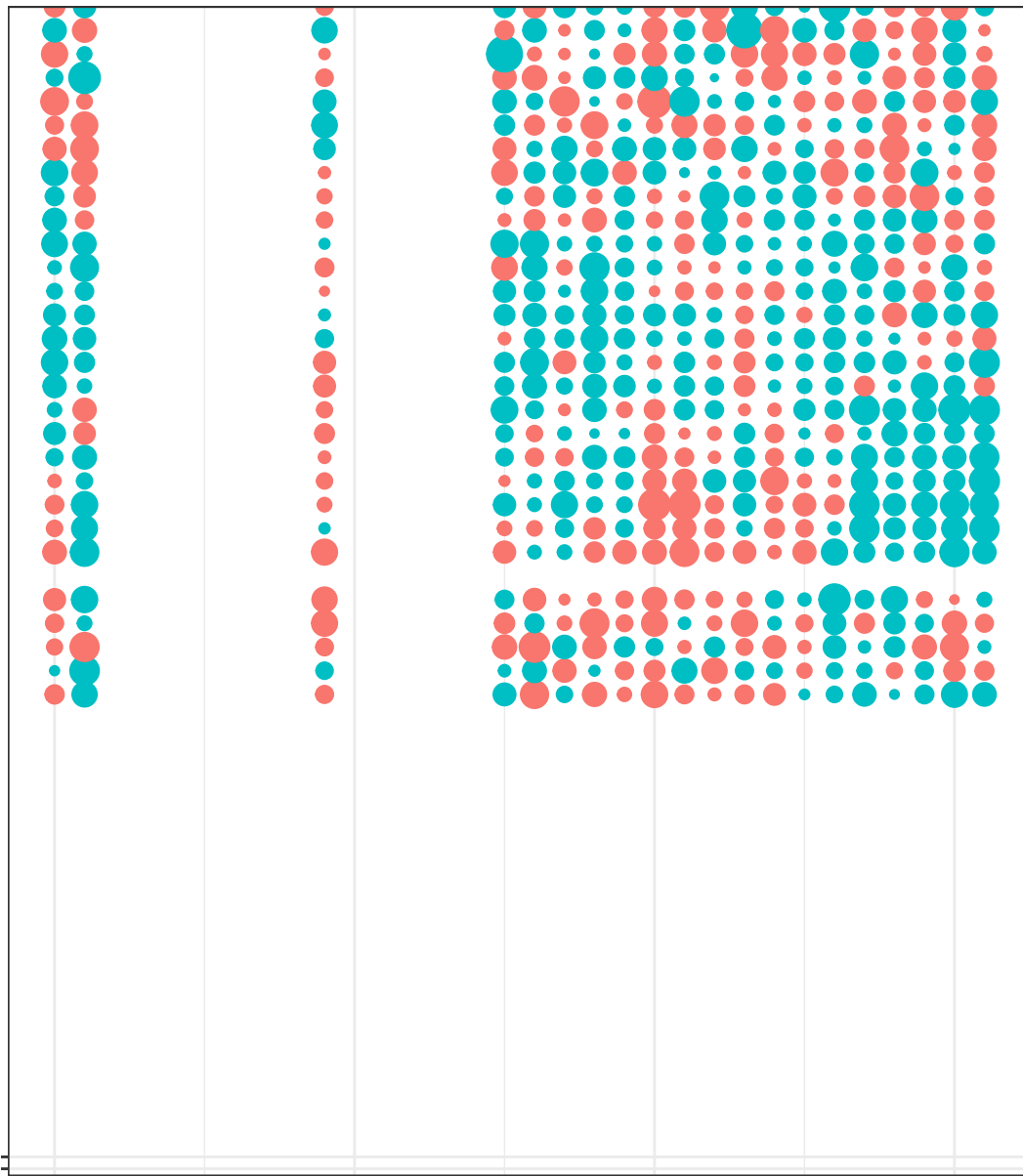
TRUE

abs(resid)

1

2

3



OSA w/o length 53

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

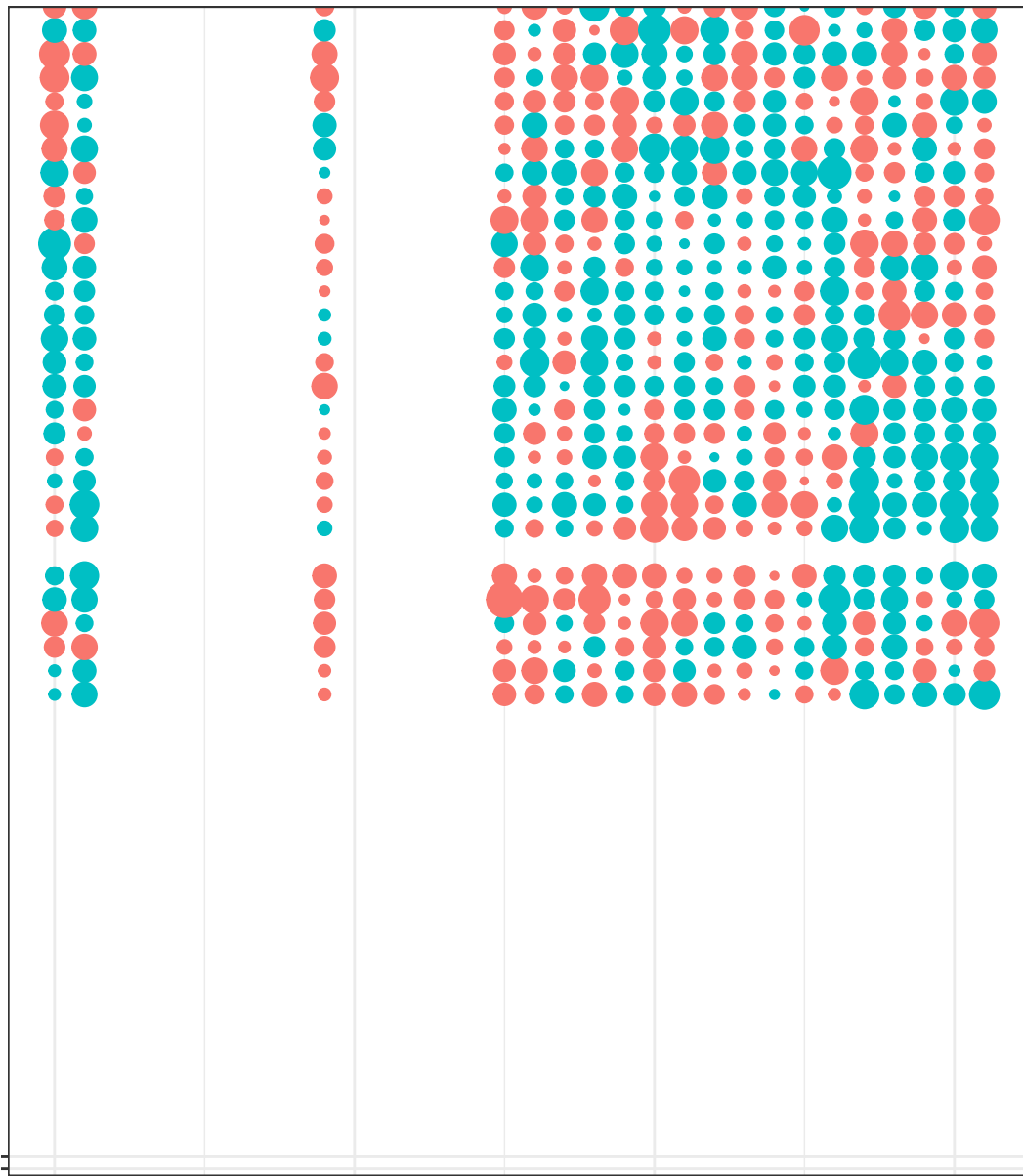
TRUE

abs(resid)

1

2

3



OSA w/o length 55

length

99
41

1990

2000

year

2010

2020

resid > 0

FALSE

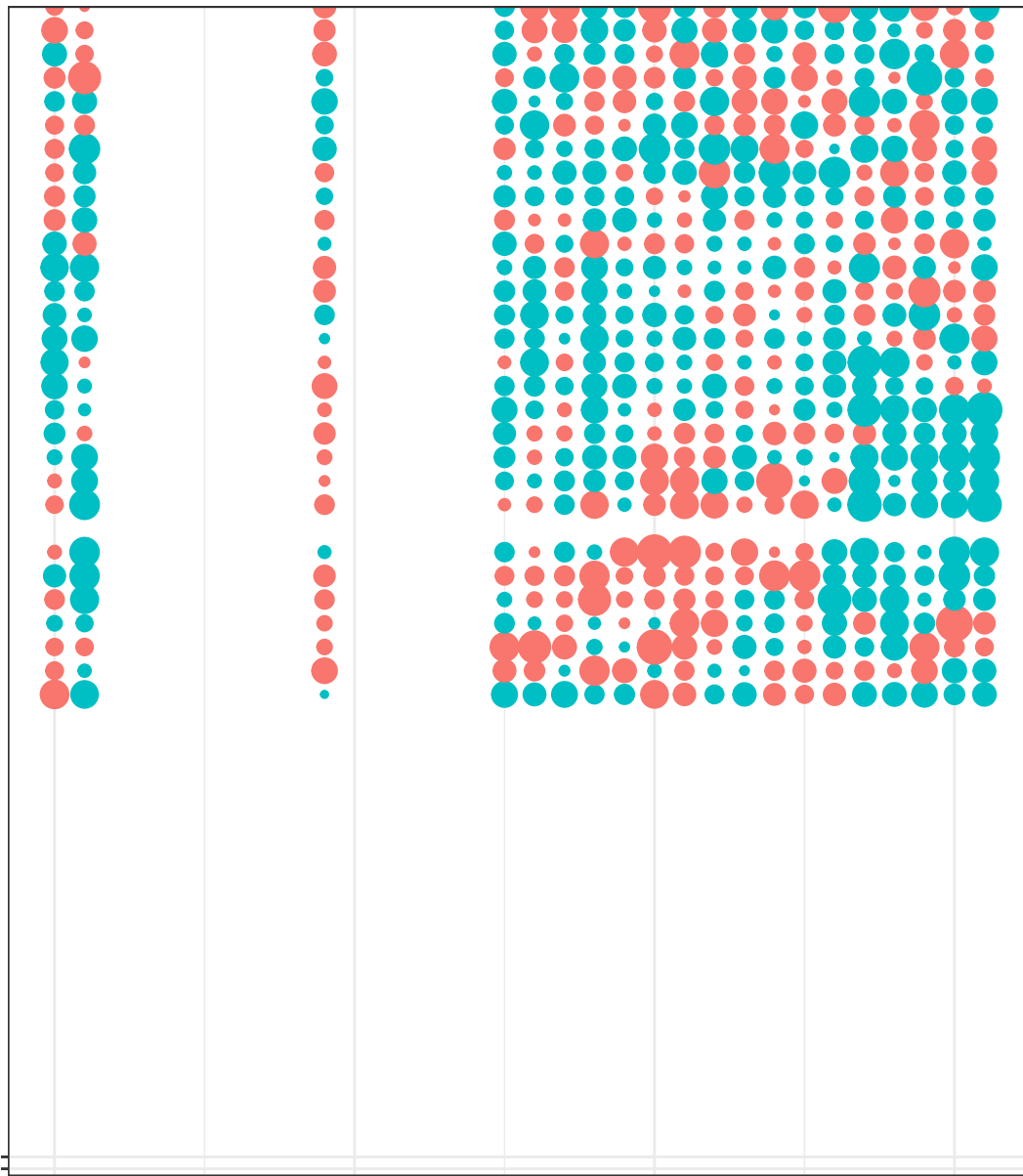
TRUE

abs(resid)

1

2

3



OSA w/o length 57

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

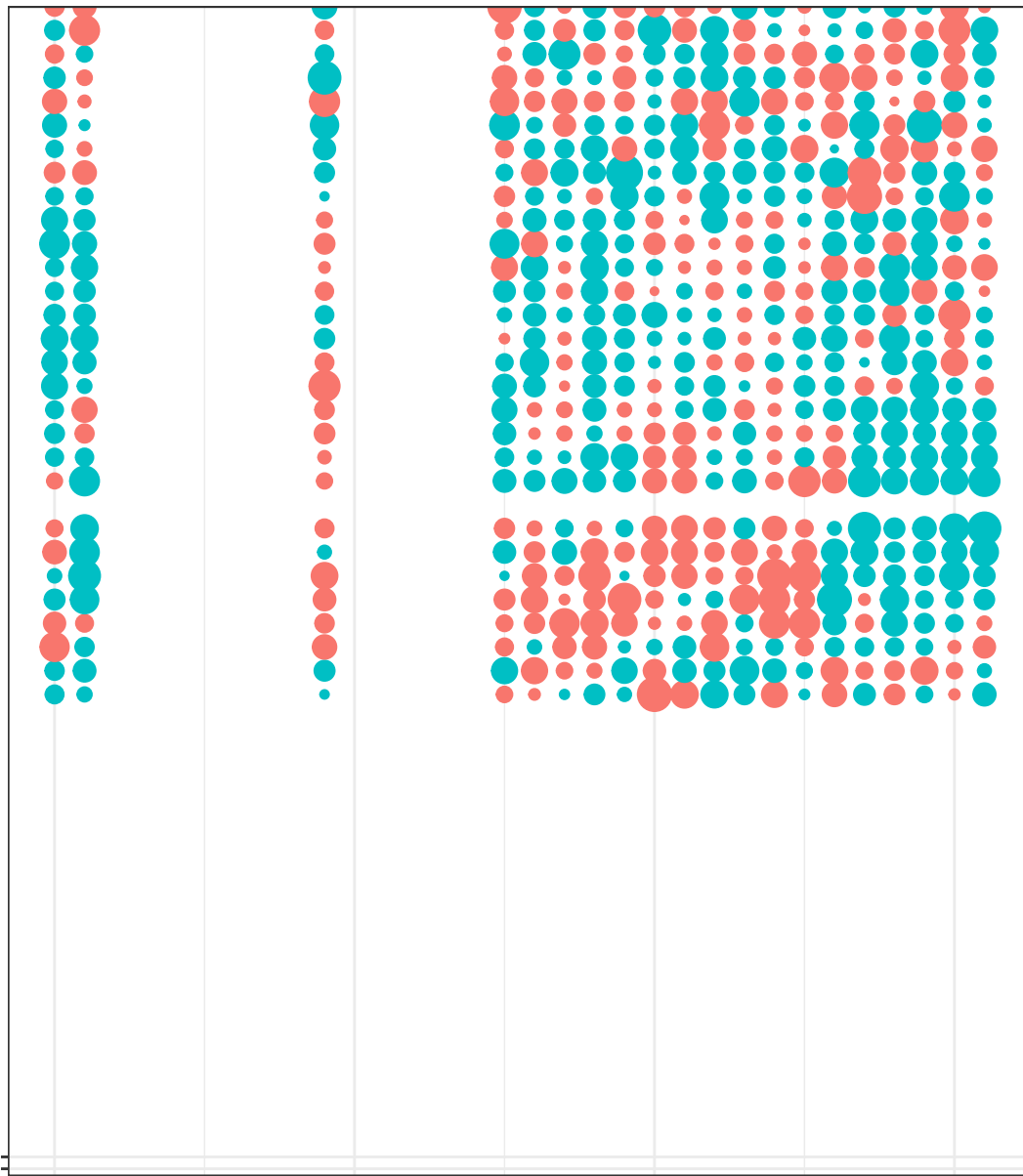
TRUE

abs(resid)

1

2

3



OSA w/o length 59

length

99
41

1990

2000

year

2010

2020

resid > 0

FALSE

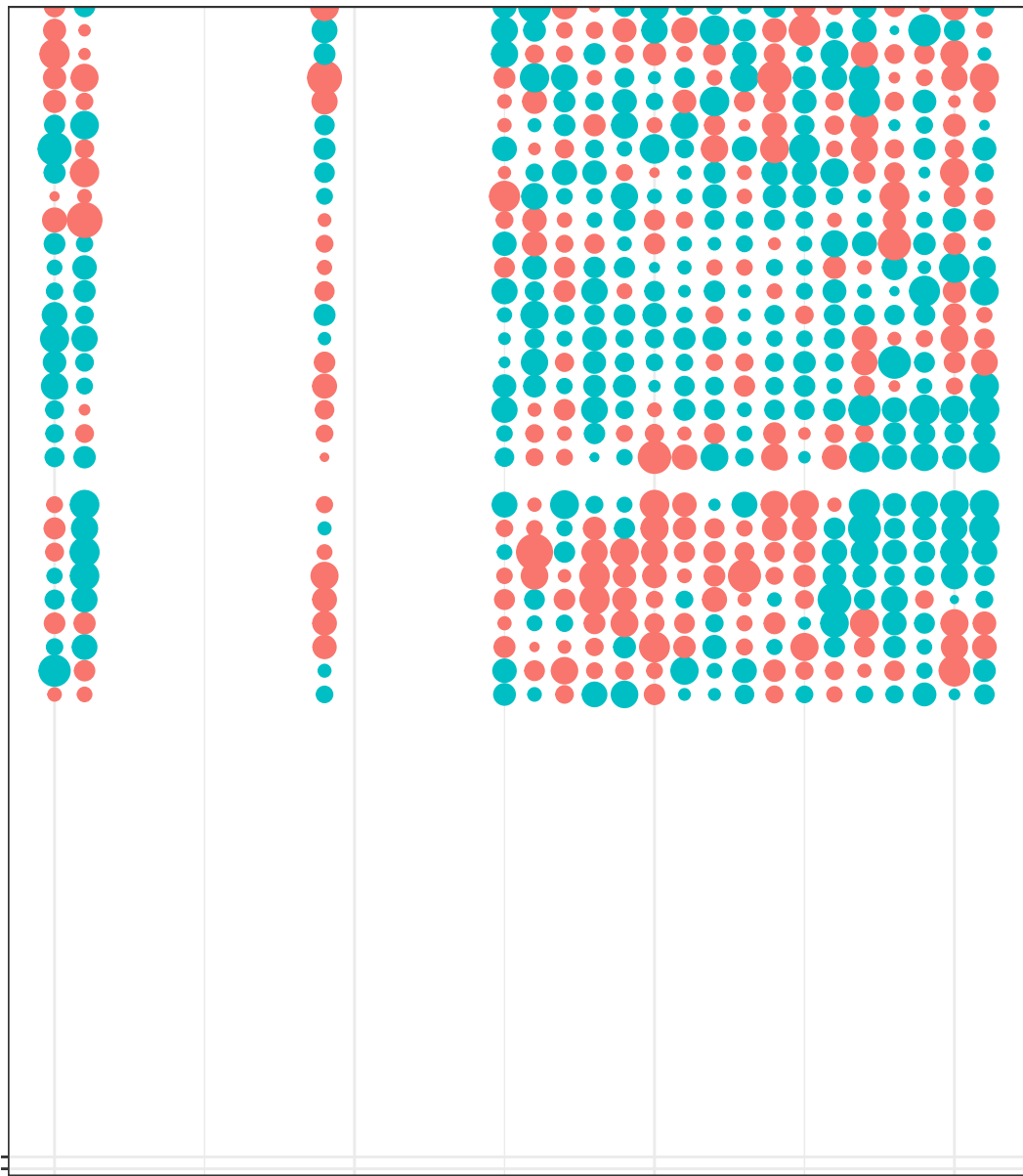
TRUE

abs(resid)

1

2

3



OSA w/o length 61

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

TRUE

abs(resid)

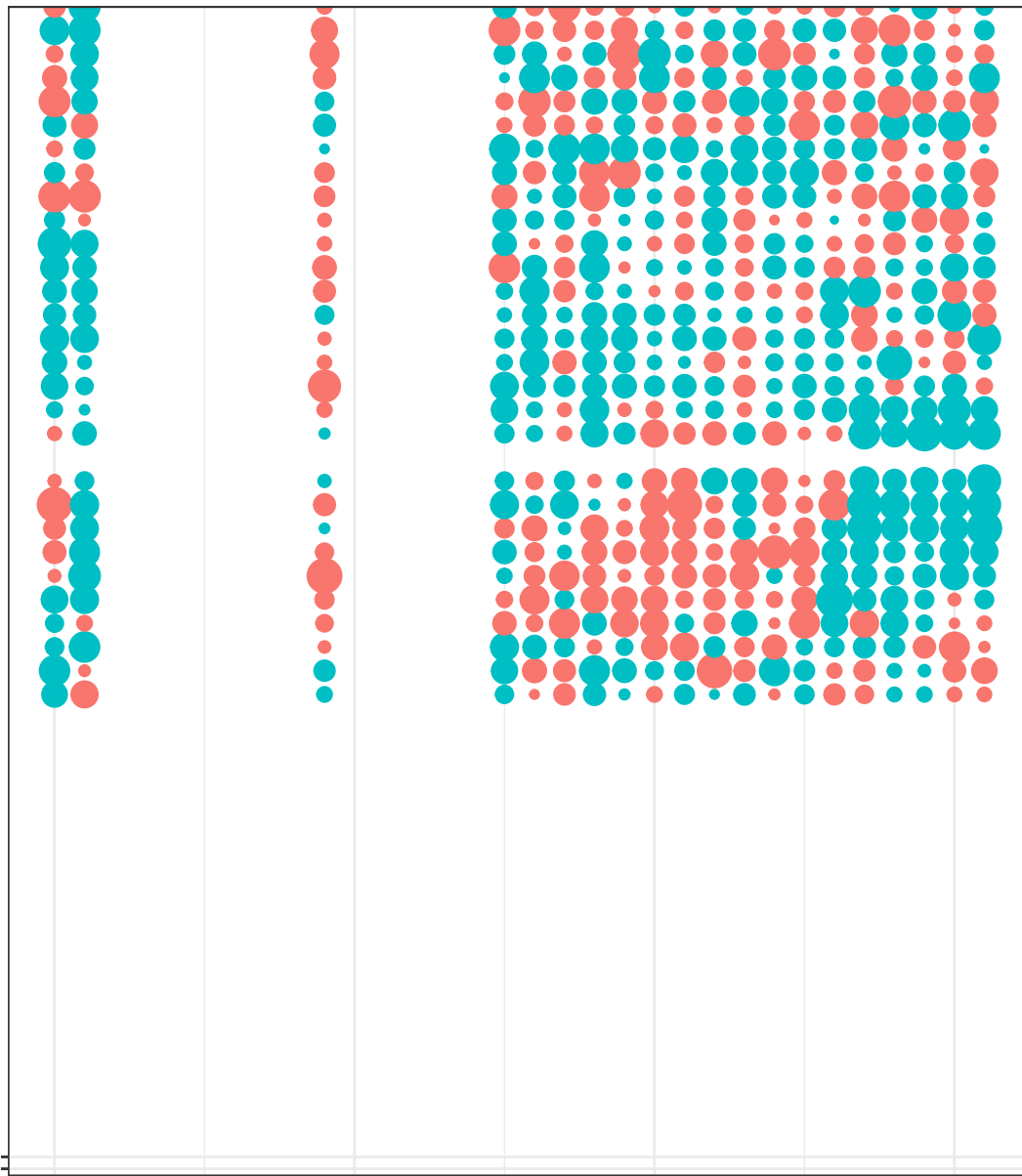
0.5

1.0

1.5

2.0

2.5



OSA w/o length 63

length

99
41

1990

2000

2010

2020

year

resid > 0

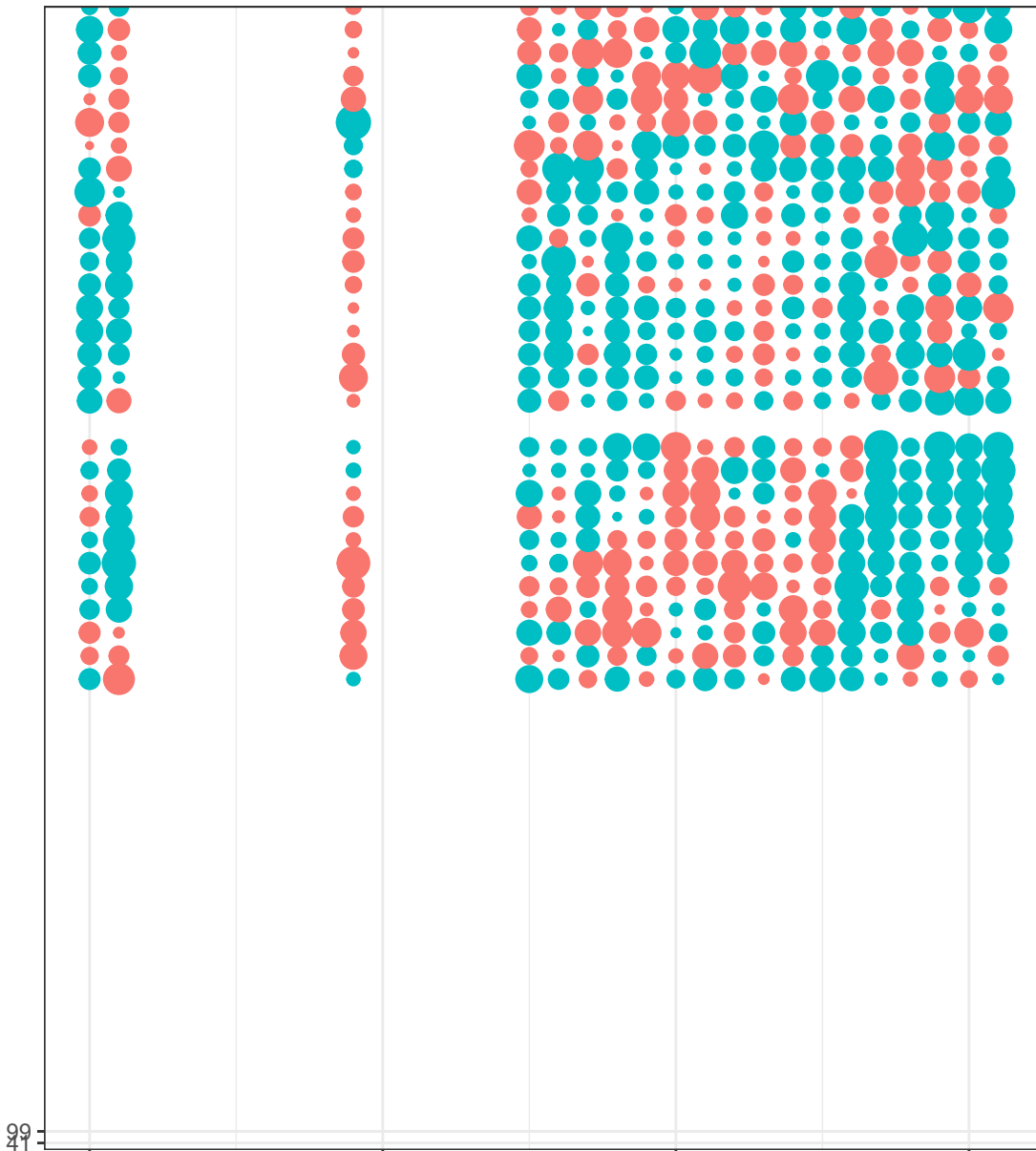
FALSE

TRUE

abs(resid)

1

2



OSA w/o length 65

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

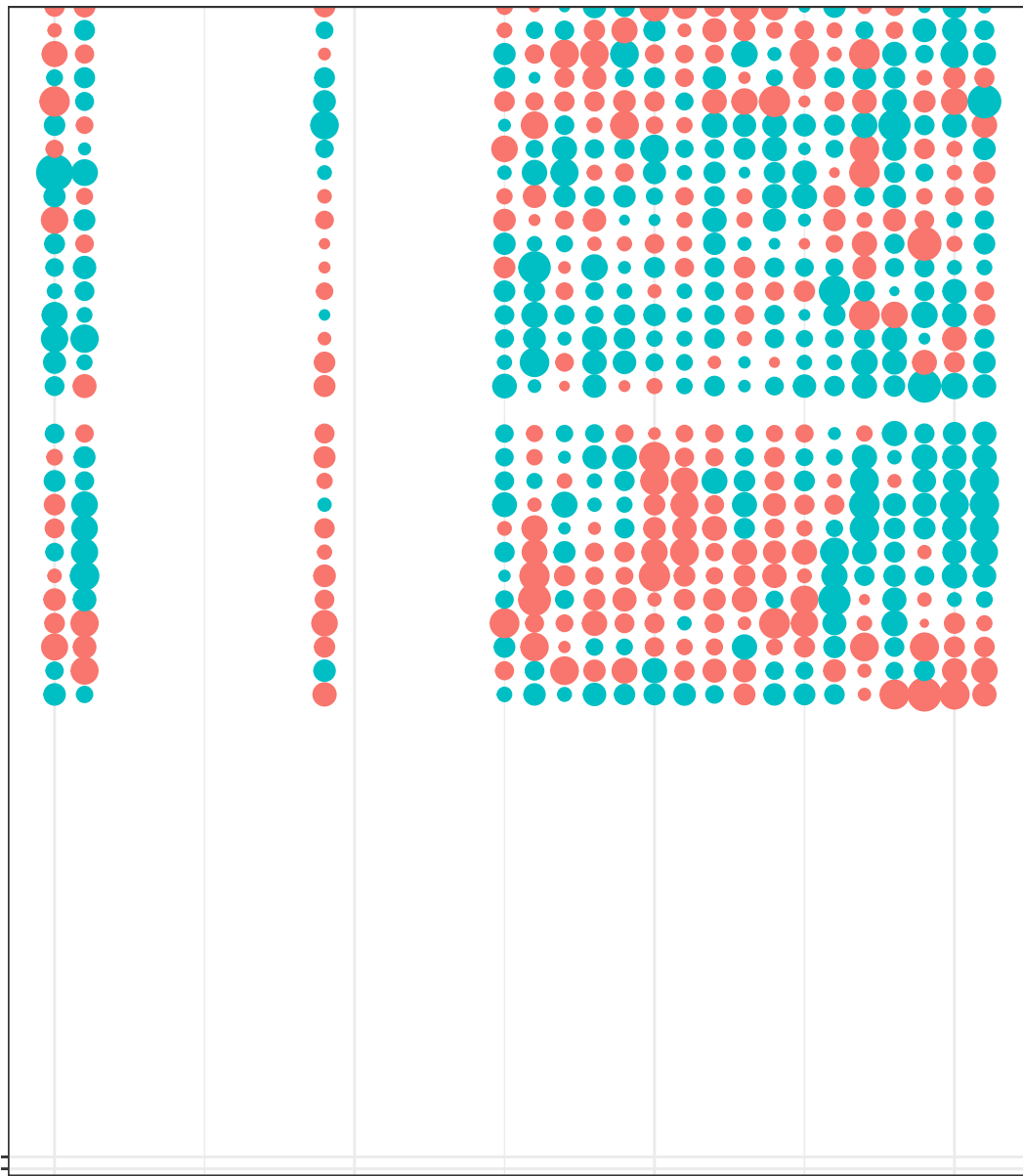
TRUE

abs(resid)

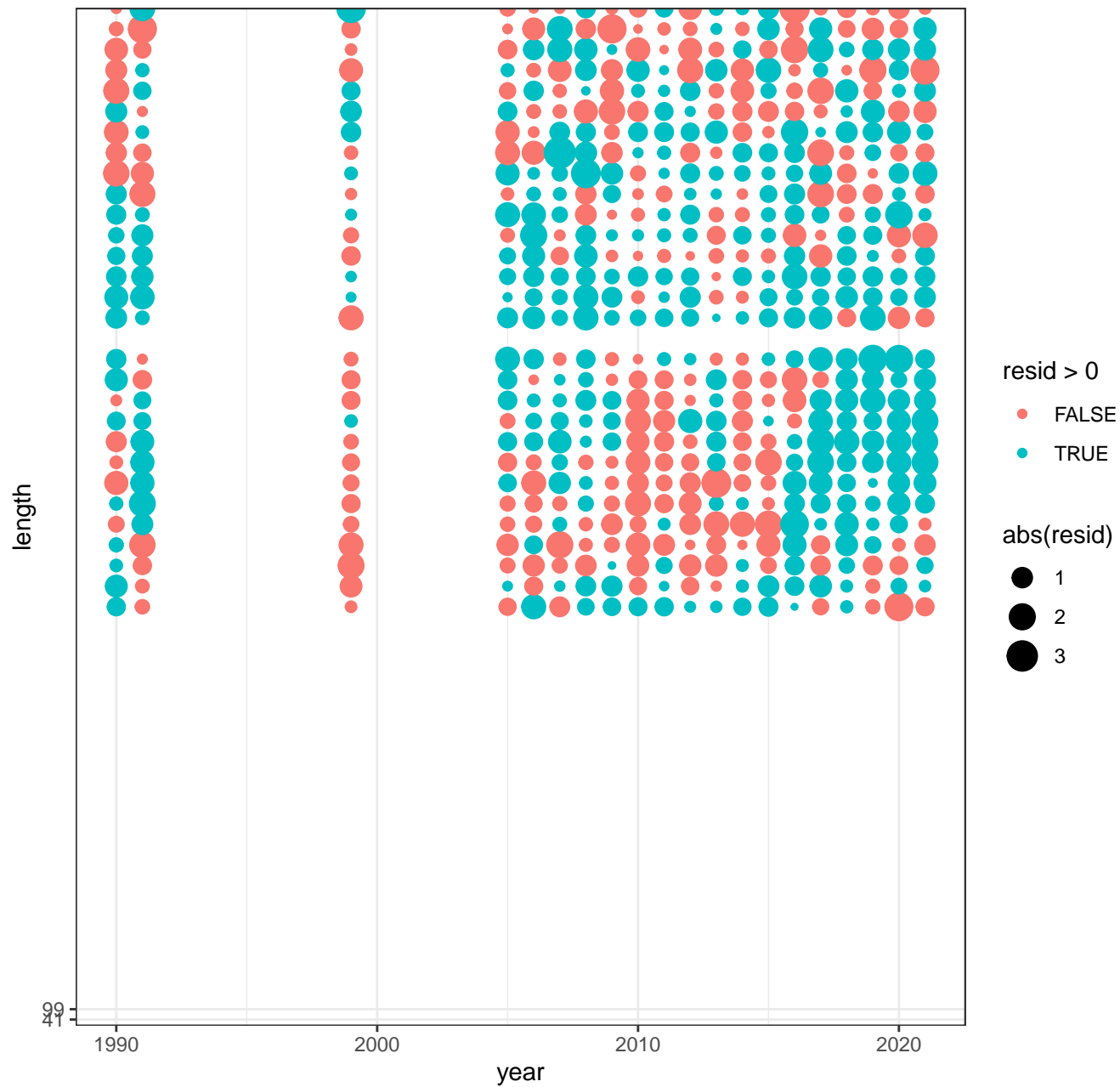
1

2

3



OSA w/o length 67



OSA w/o length 69

length

99
41

1990

2000

year

2010

2020

resid > 0

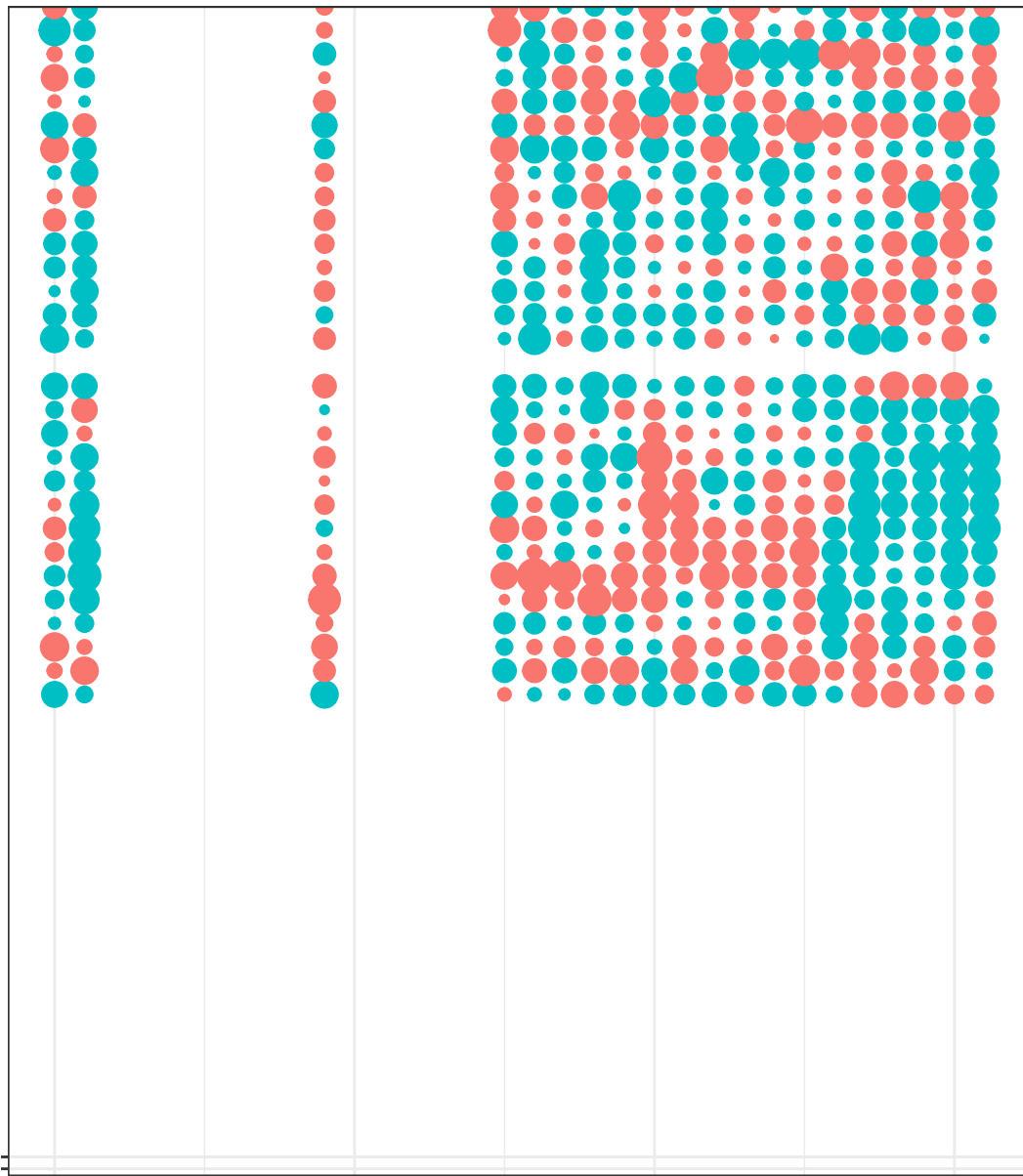
FALSE

TRUE

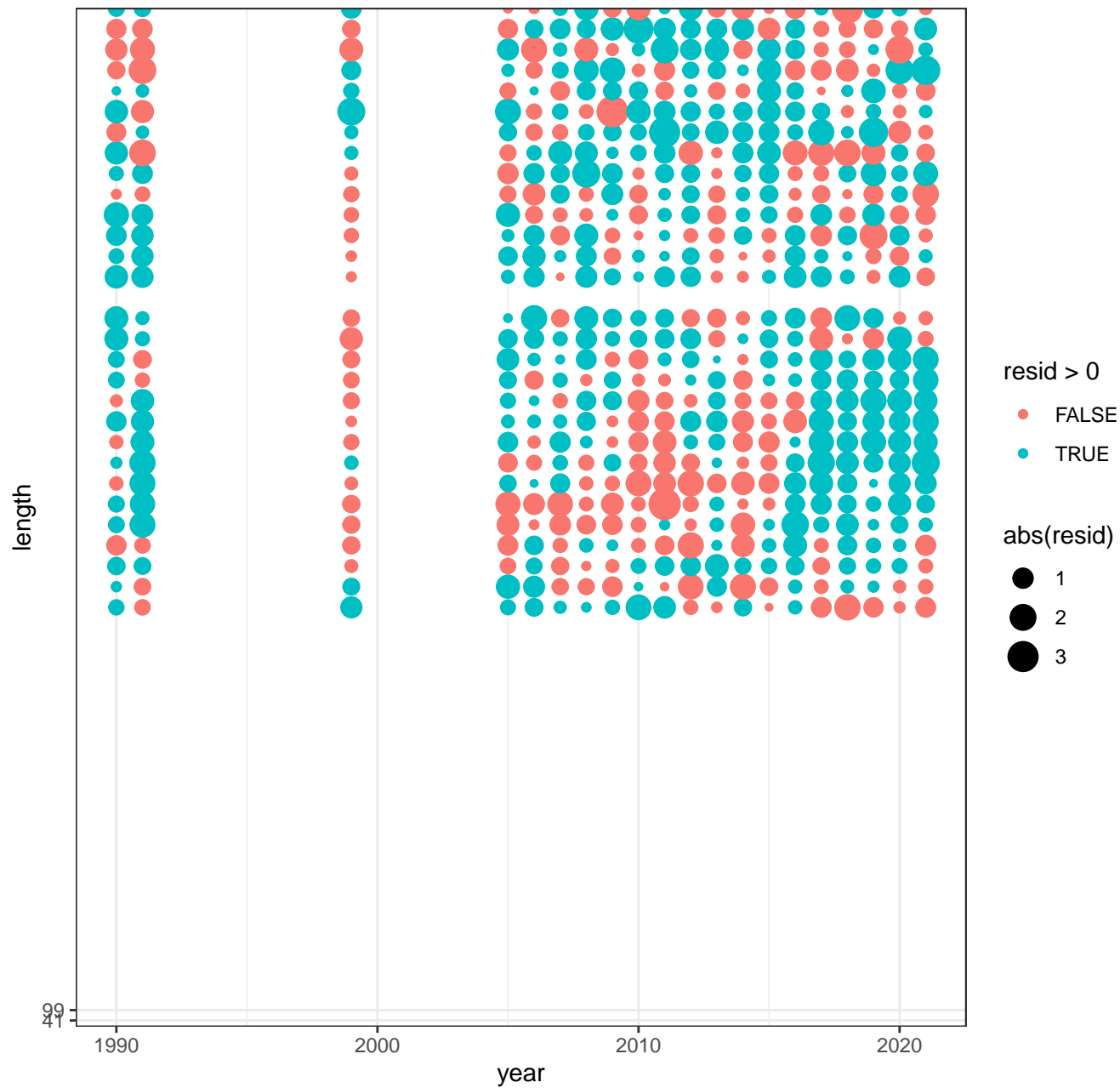
abs(resid)

1

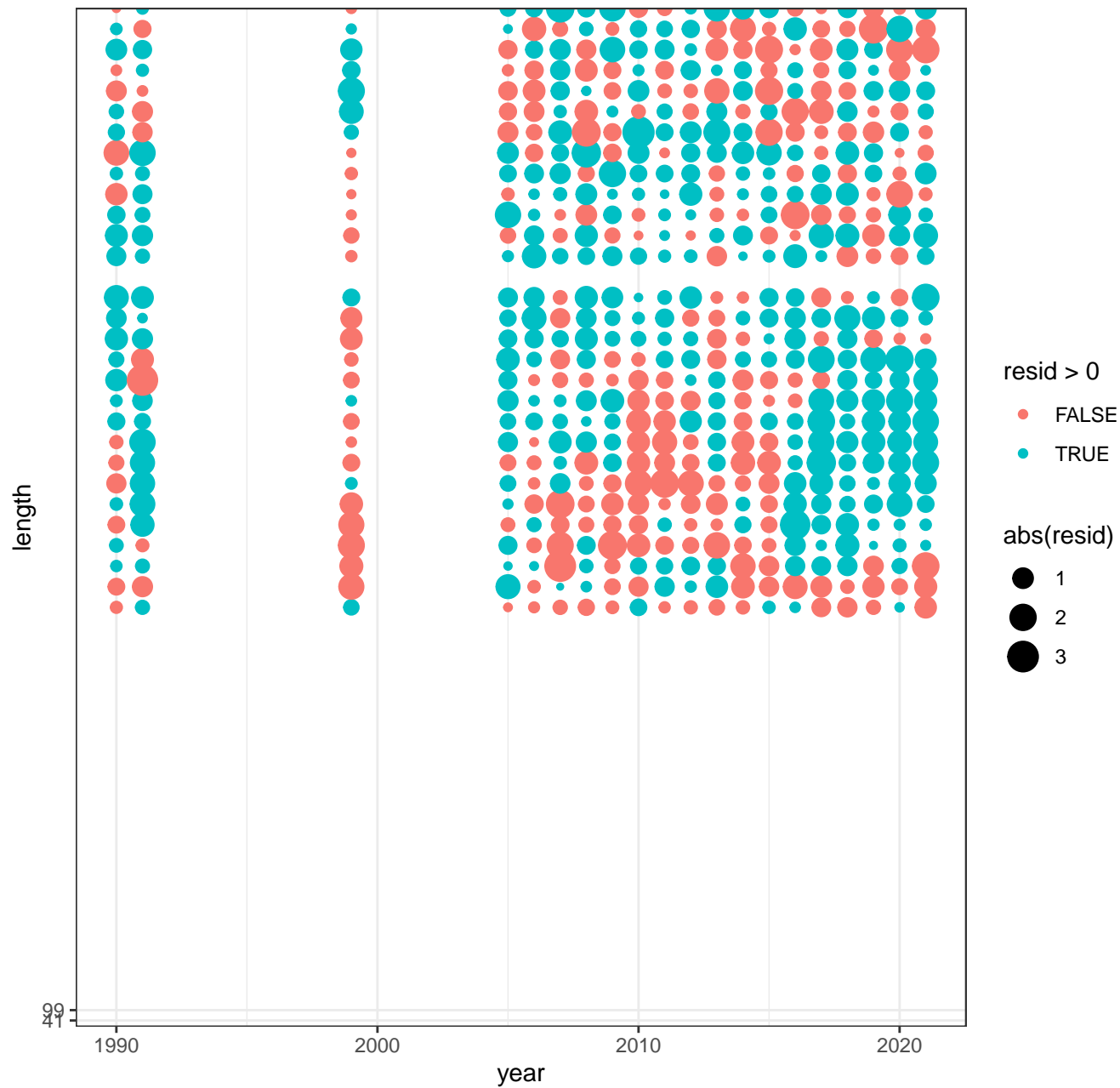
2



OSA w/o length 71



OSA w/o length 73



OSA w/o length 75

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

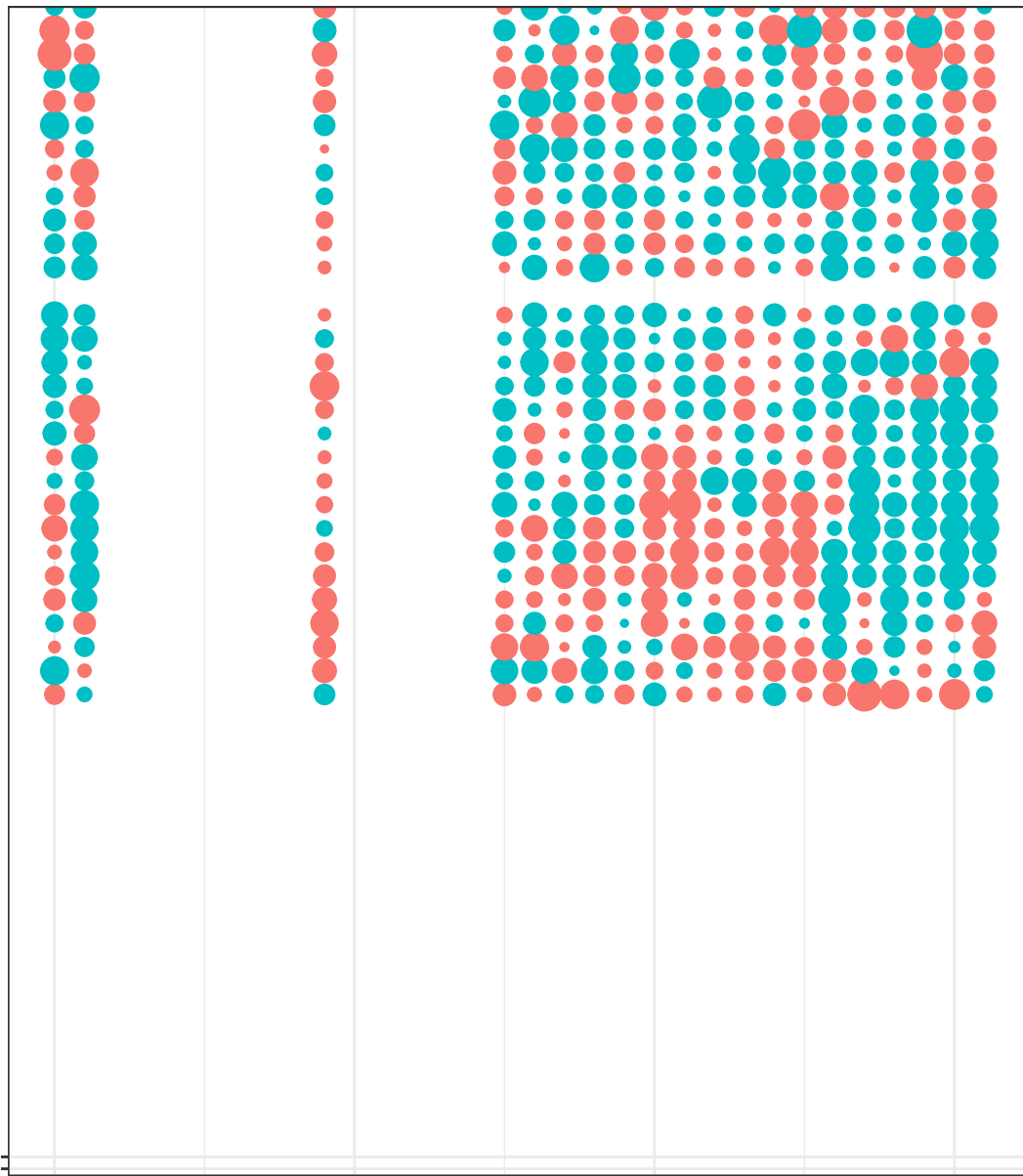
TRUE

abs(resid)

1

2

3



OSA w/o length 77

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

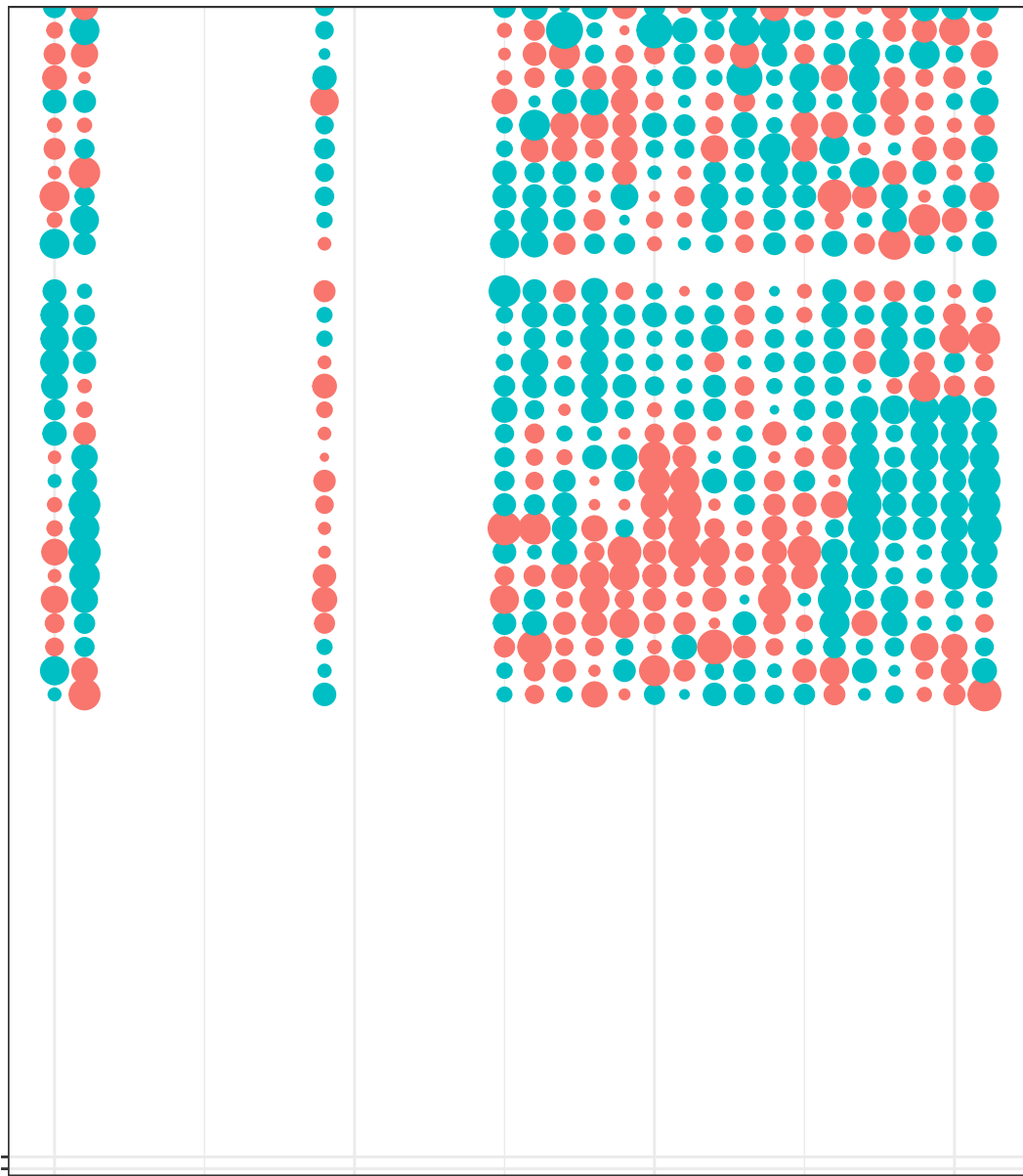
TRUE

abs(resid)

1

2

3



OSA w/o length 79

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

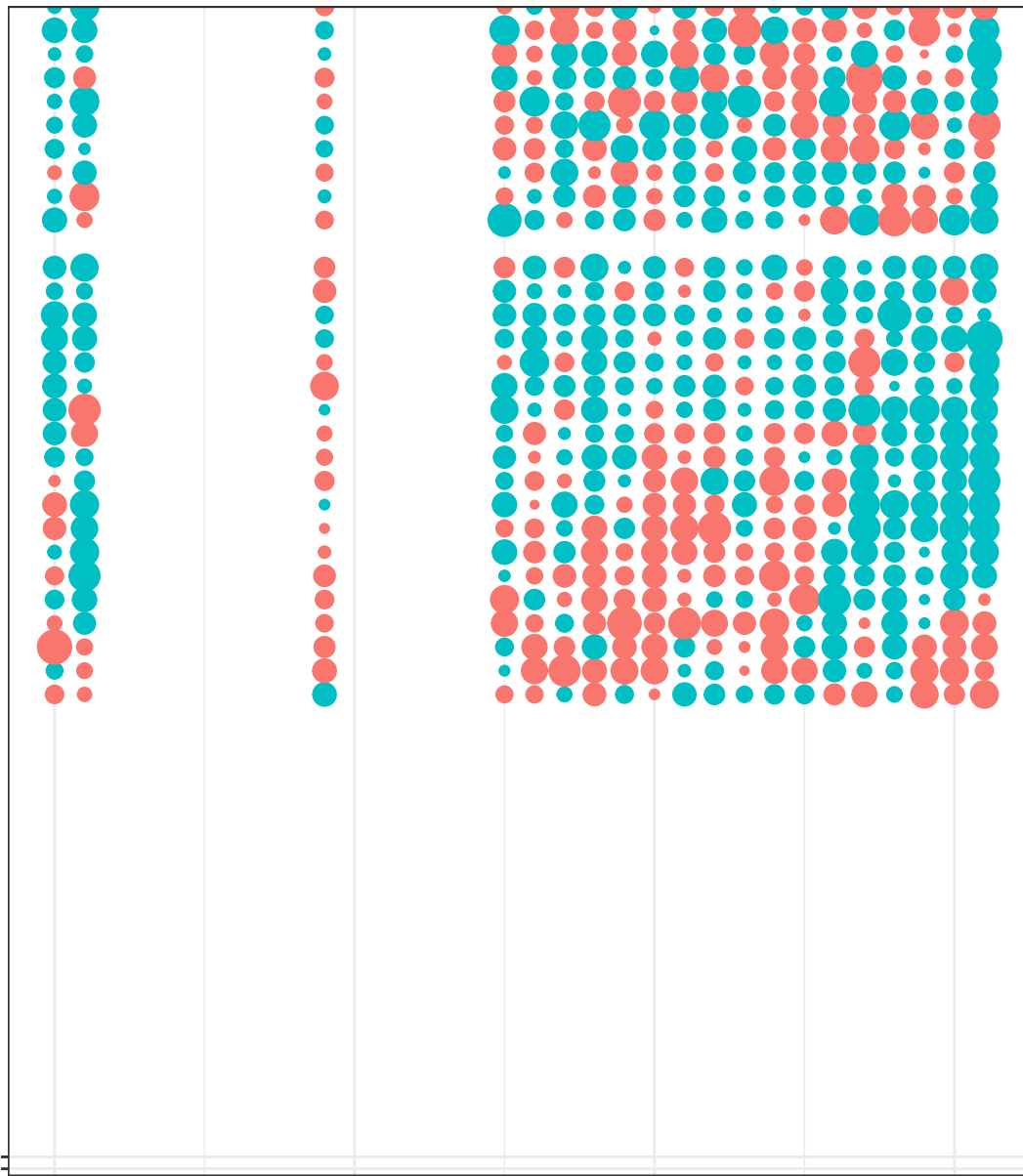
TRUE

abs(resid)

1

2

3



OSA w/o length 81

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

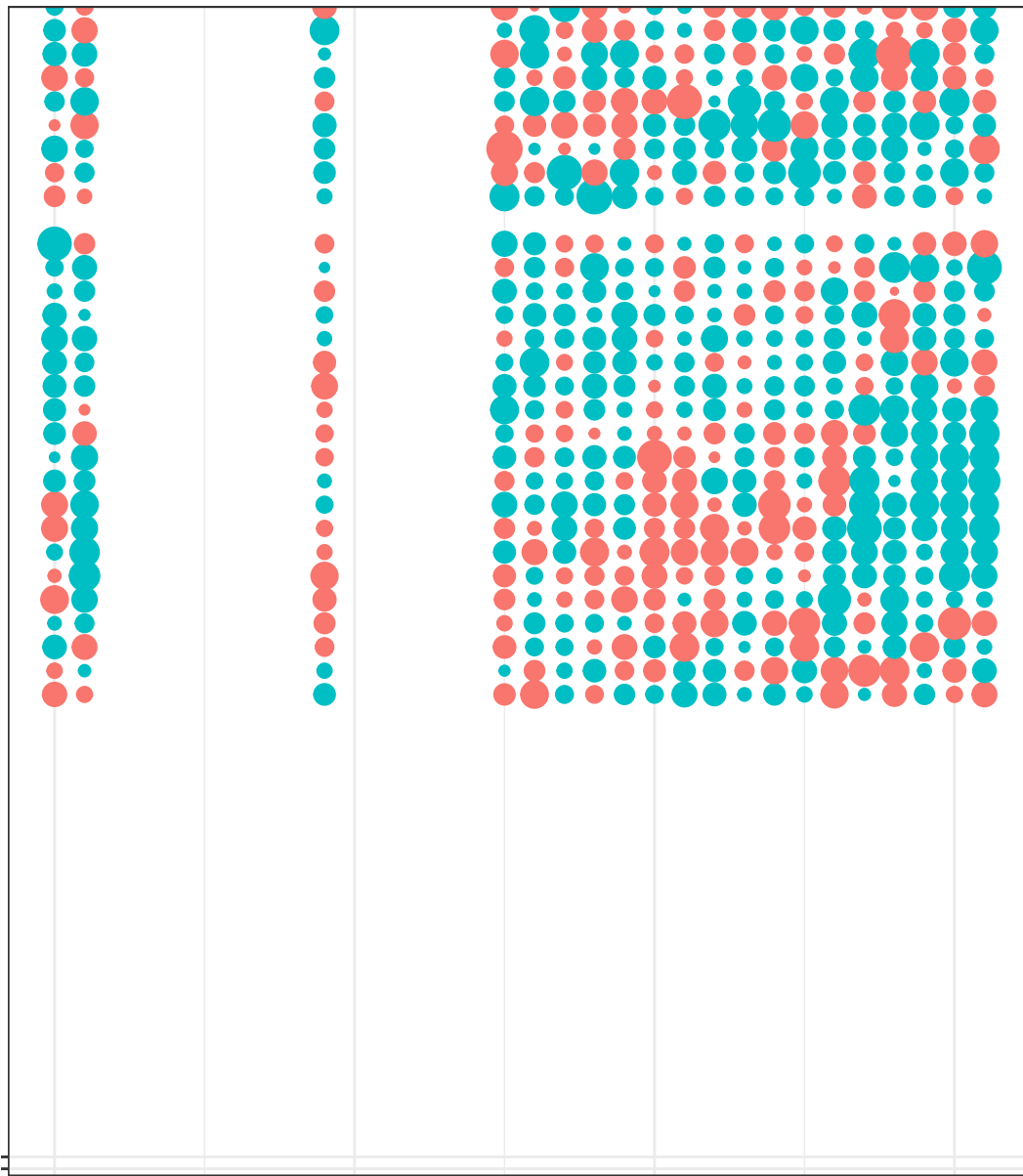
TRUE

abs(resid)

1

2

3



OSA w/o length 83

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

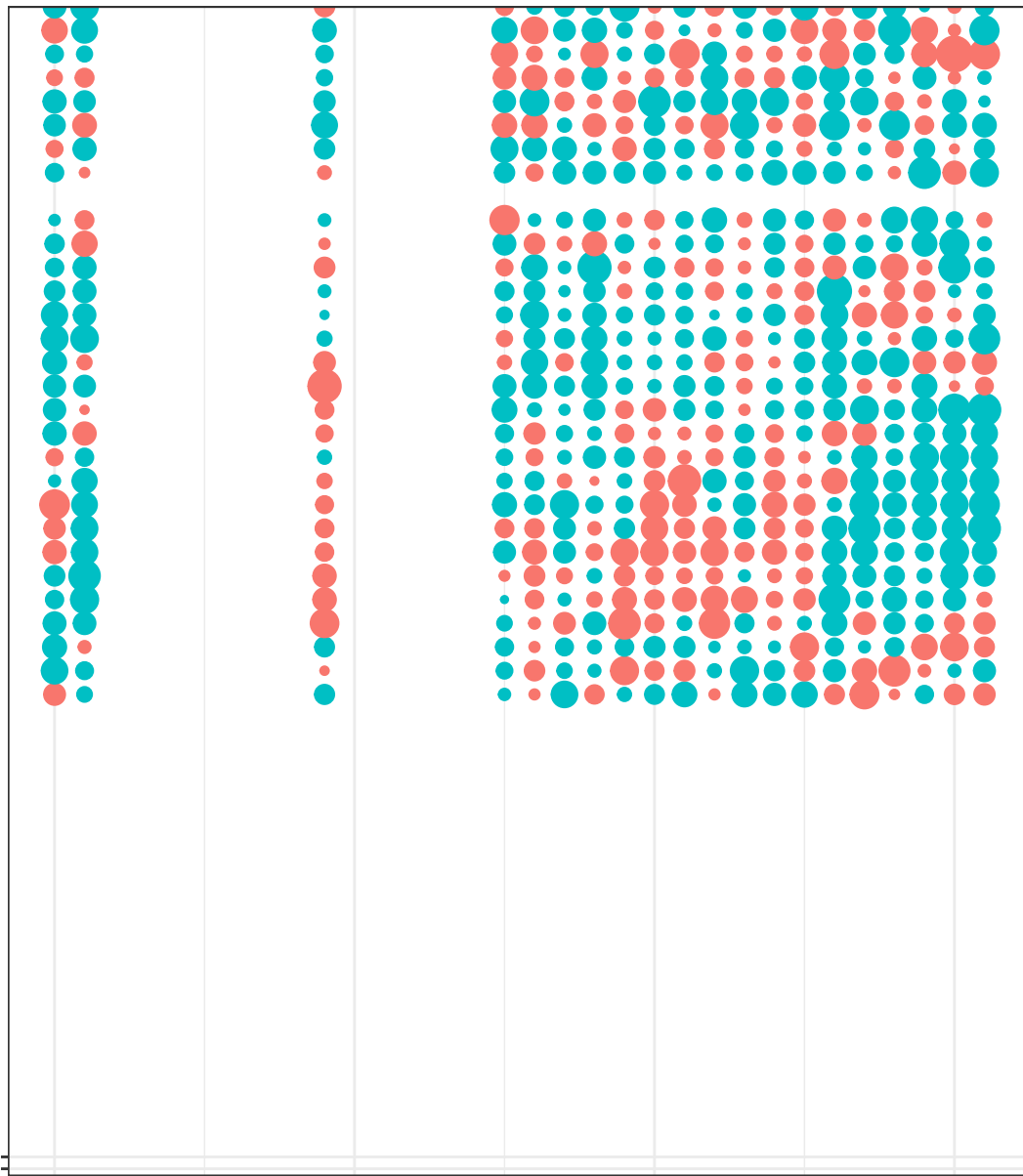
TRUE

abs(resid)

1

2

3



OSA w/o length 85

length

99
41

1990

2000

2010

2020

year

resid > 0

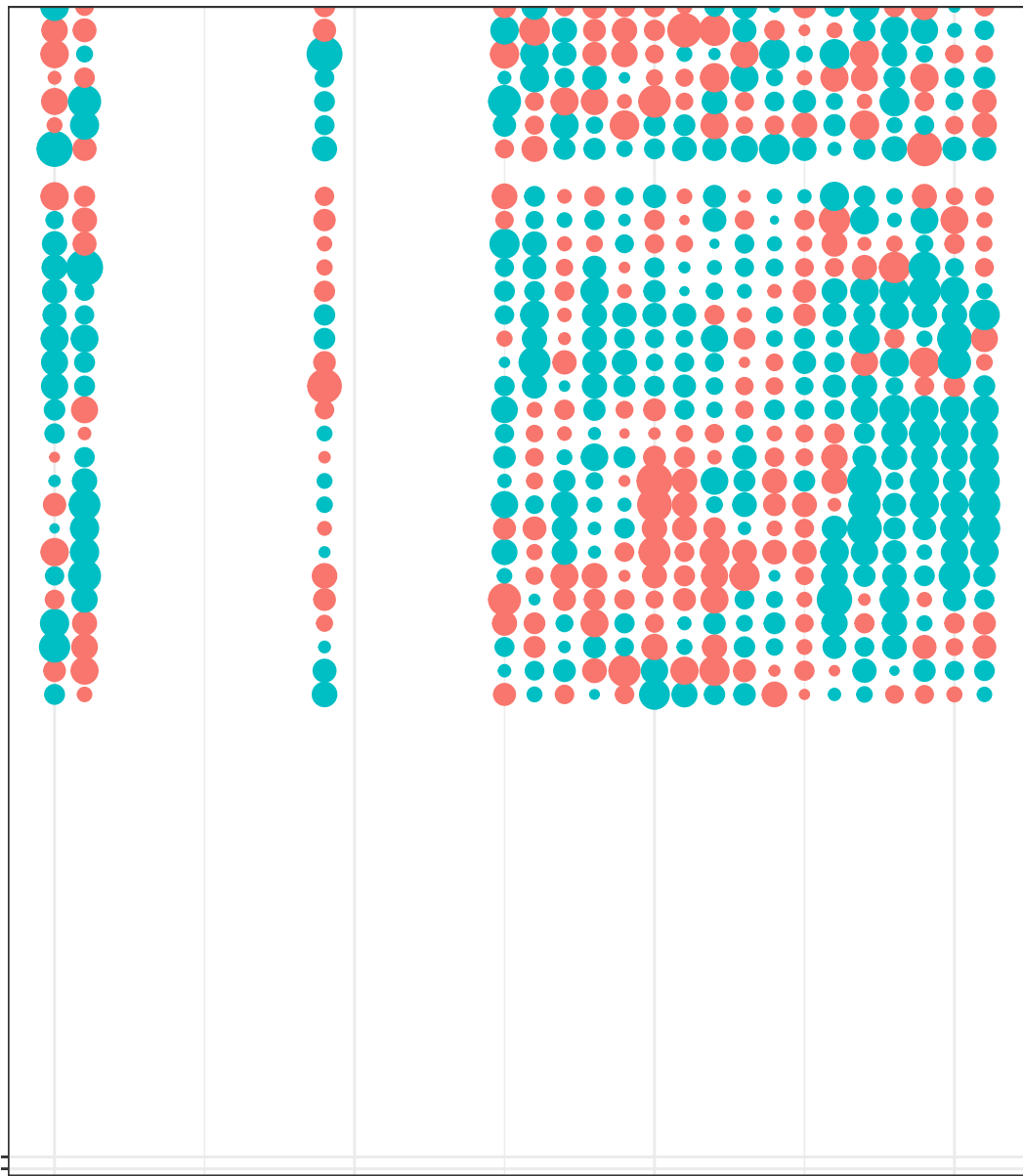
FALSE

TRUE

abs(resid)

1

2



OSA w/o length 87

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

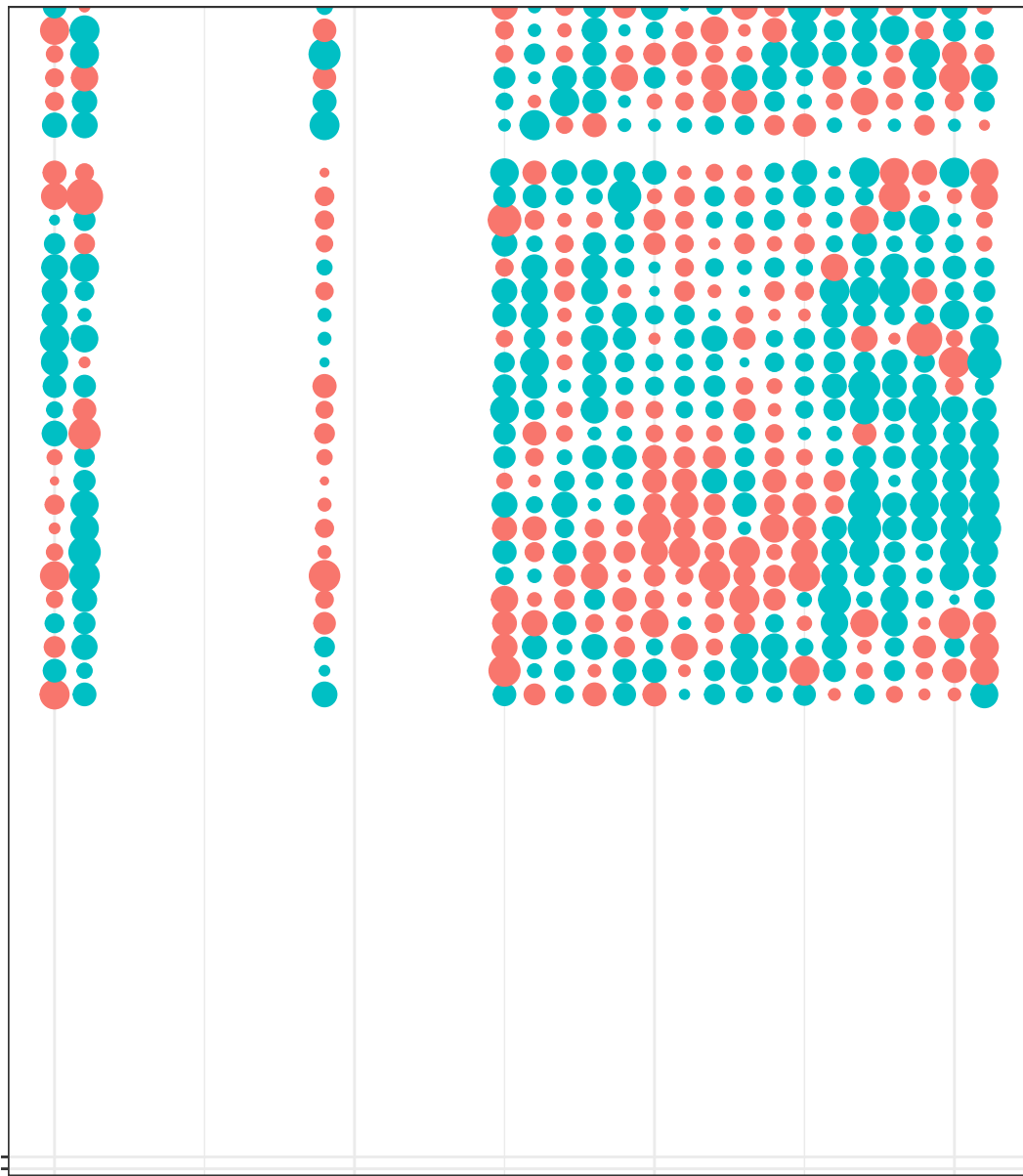
TRUE

abs(resid)

1

2

3



OSA w/o length 89

length

99
41

1990

2000

2010

2020

year

resid > 0

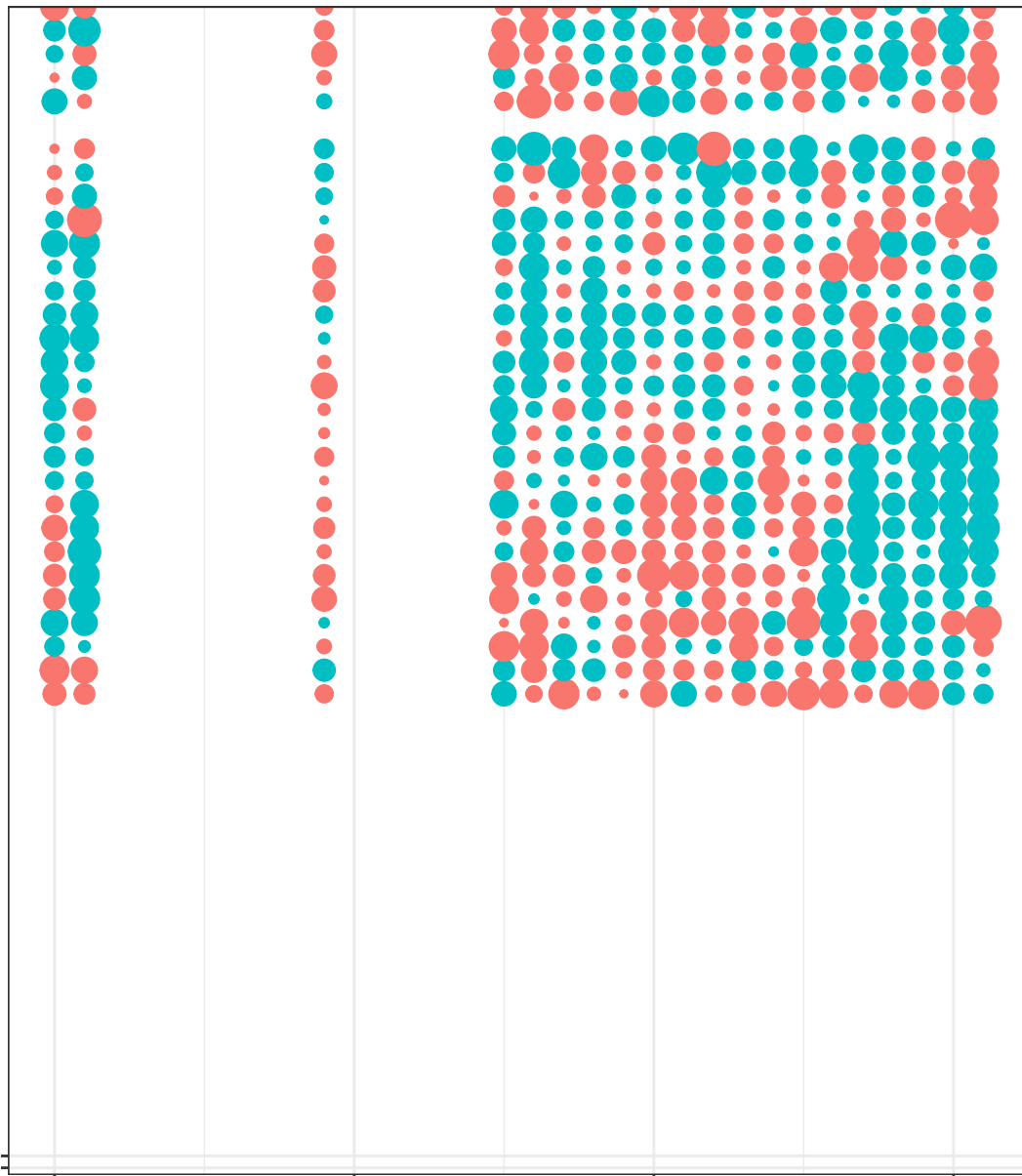
FALSE

TRUE

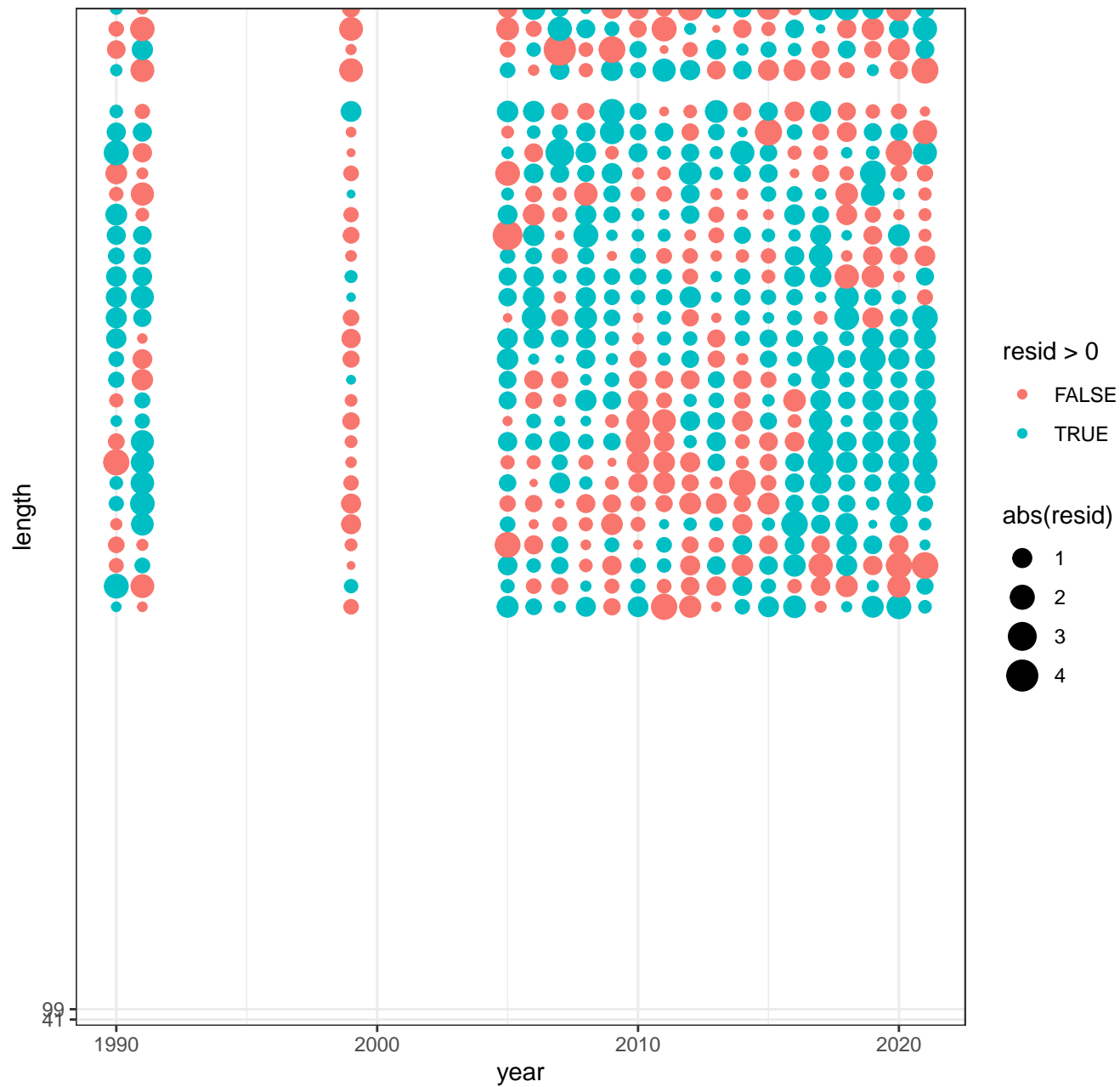
abs(resid)

1

2



OSA w/o length 91



OSA w/o length 93

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

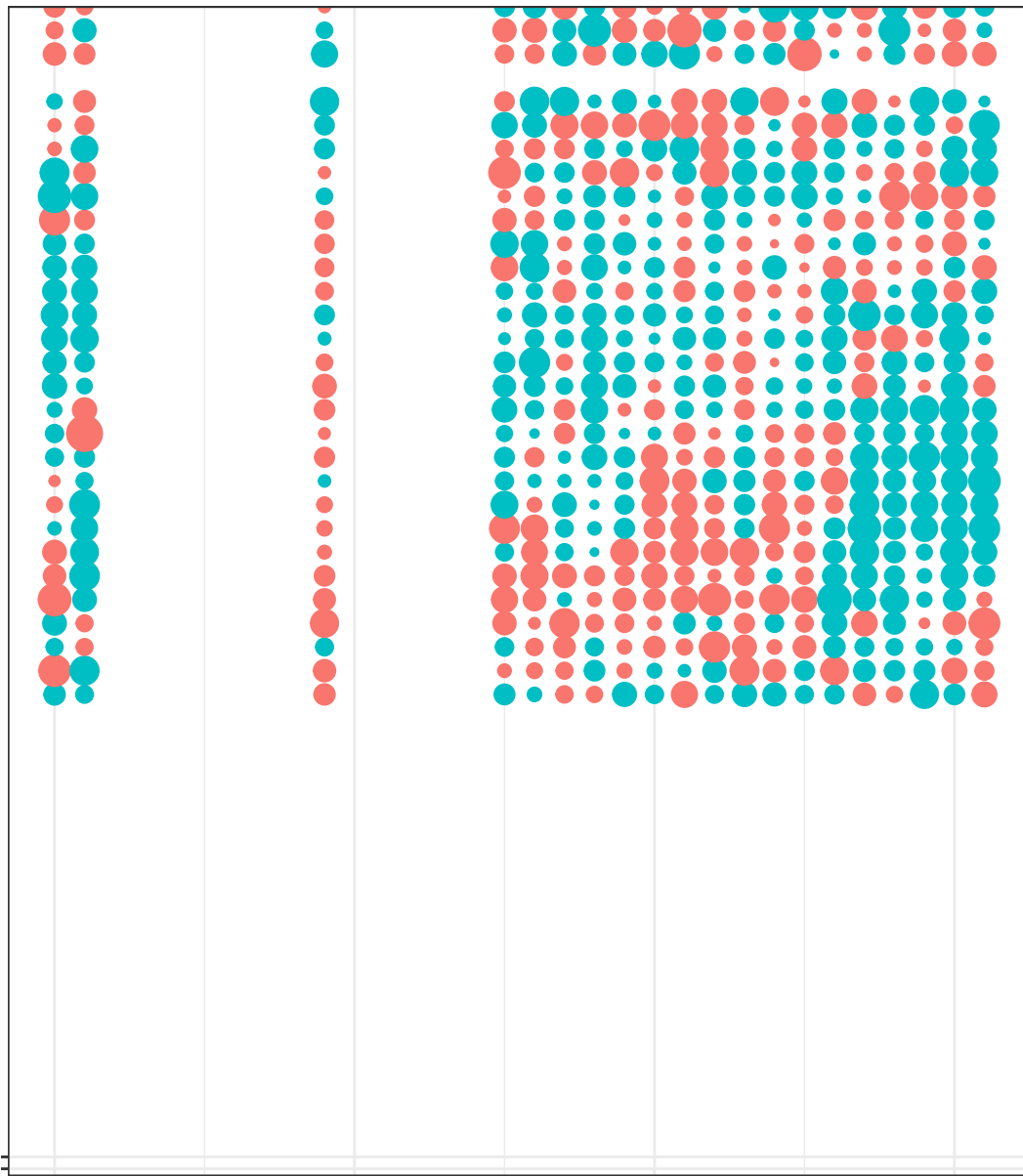
TRUE

abs(resid)

1

2

3



OSA w/o length 95

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

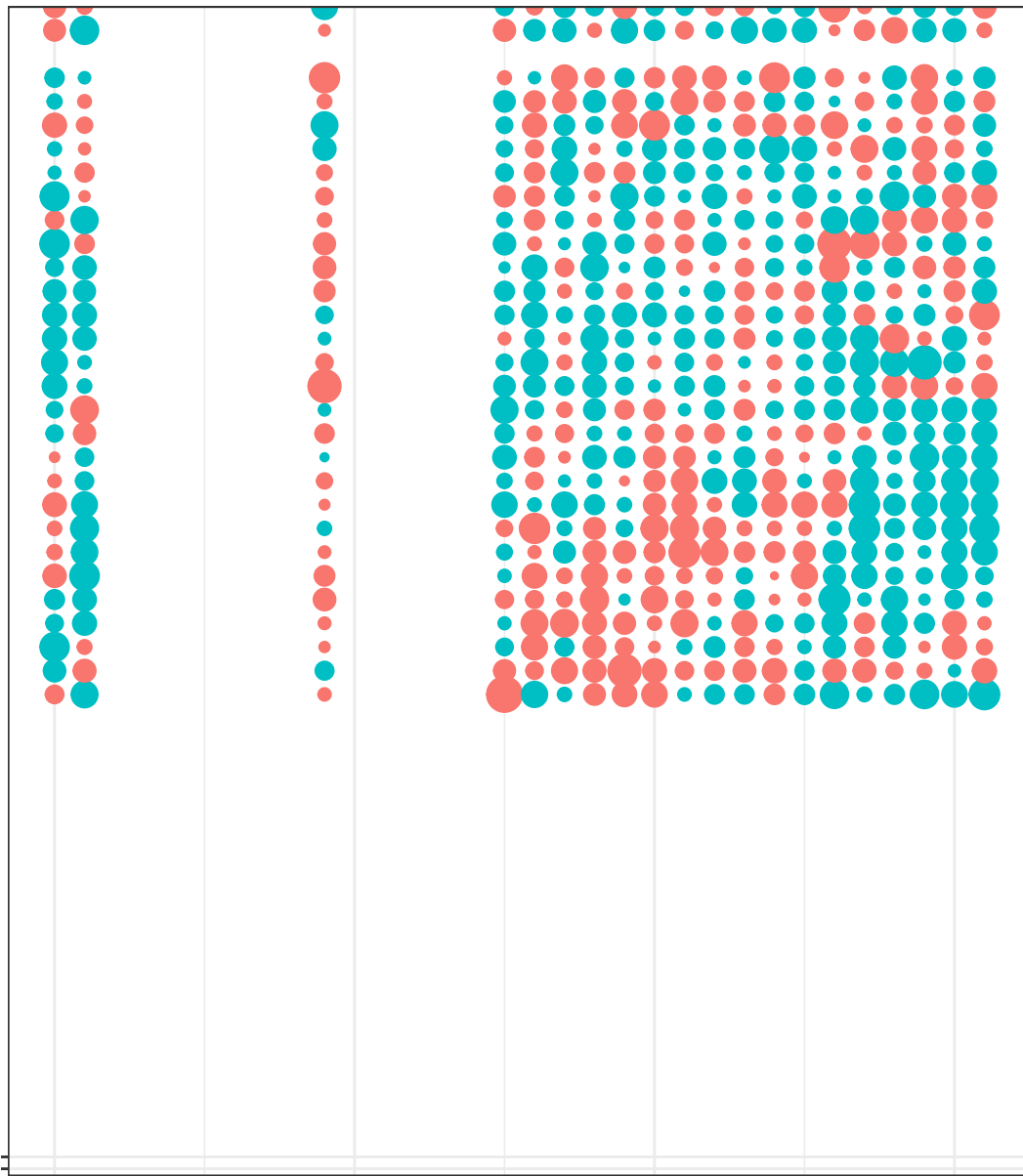
TRUE

abs(resid)

1

2

3



OSA w/o length 97

length

99
41

1990

2000

2010

2020

year

resid > 0

FALSE

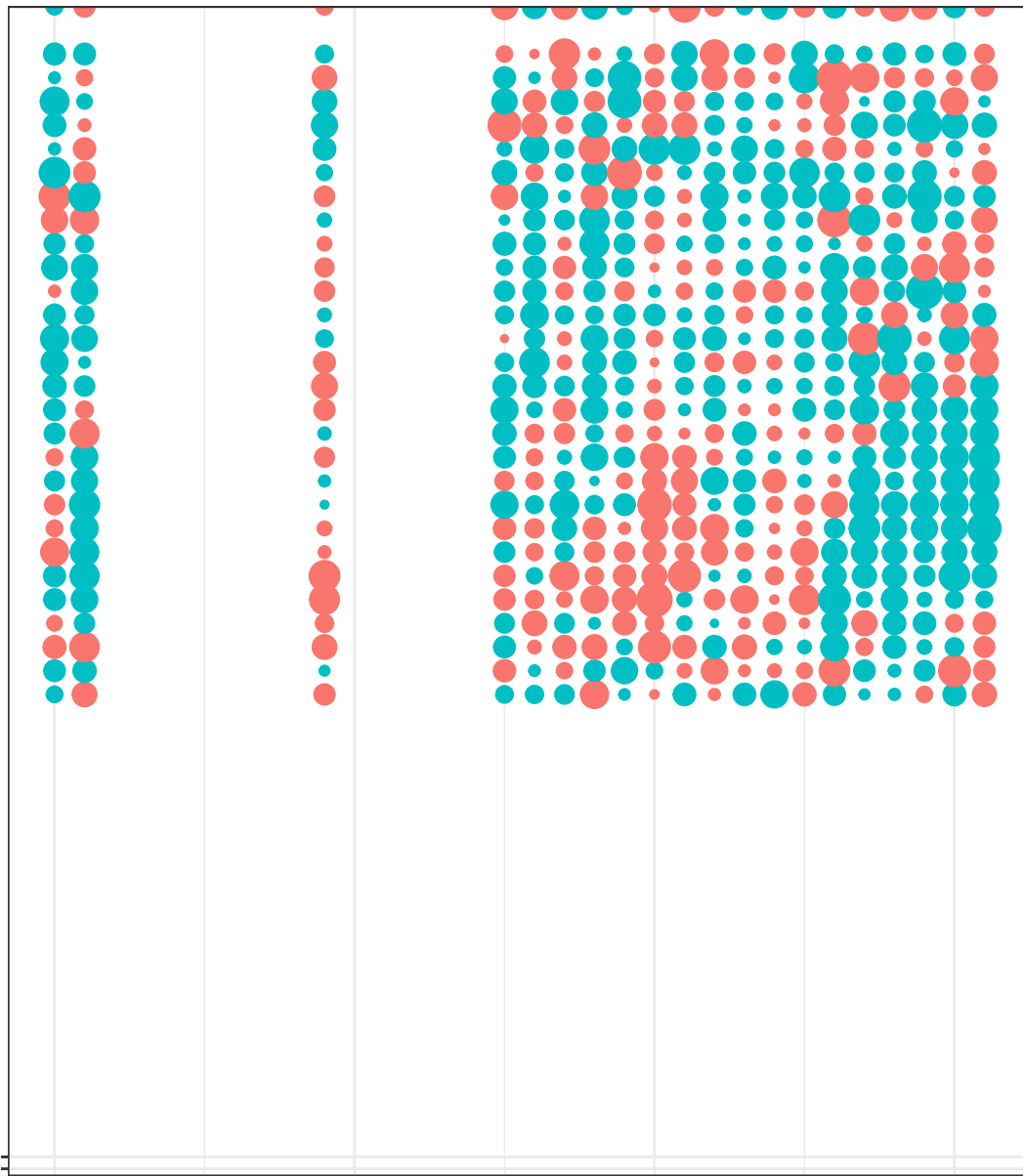
TRUE

abs(resid)

1

2

3



OSA w/o length 99

length

99
41

1990

2000

year

2010

2020

resid > 0

FALSE

TRUE

abs(resid)

1

2

3

