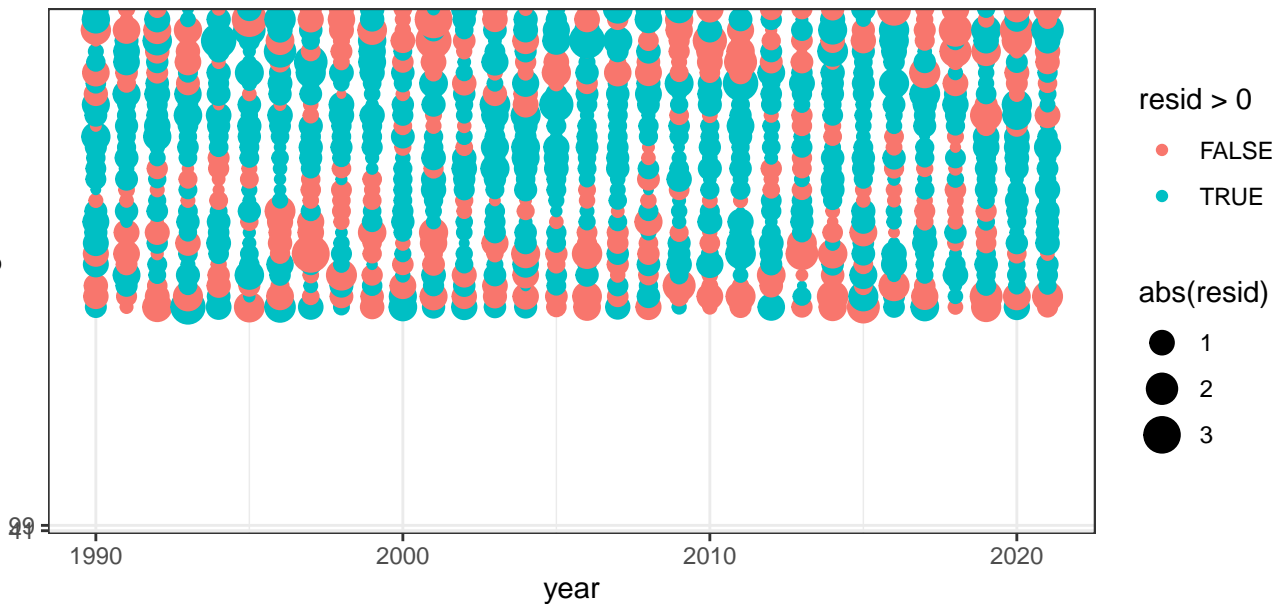
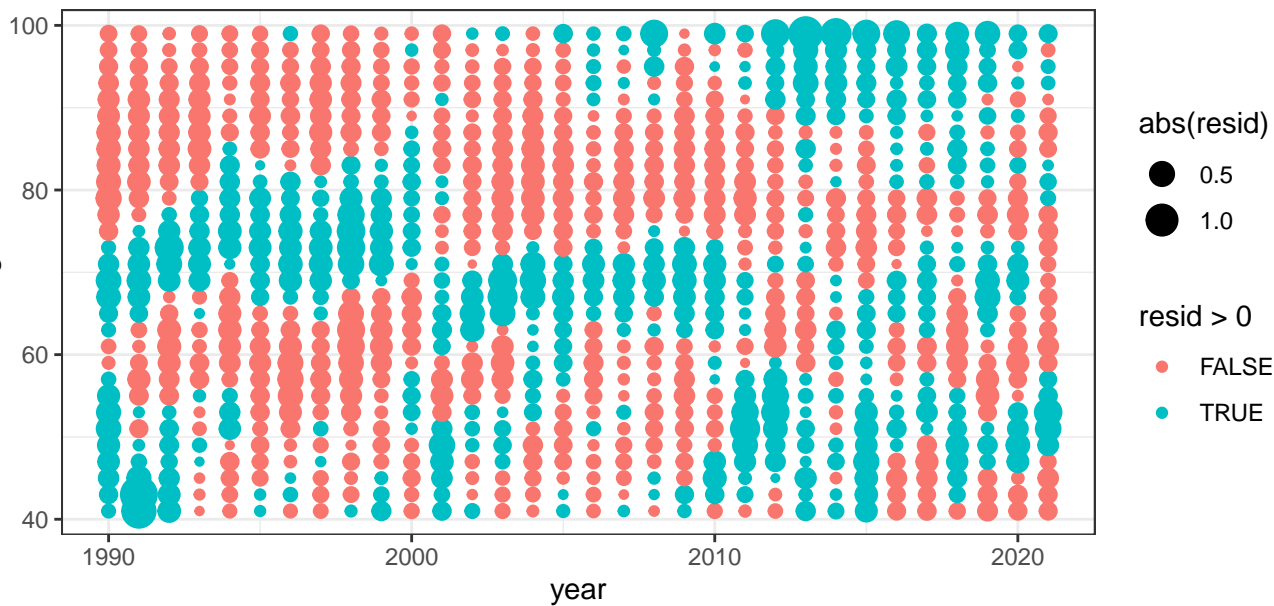


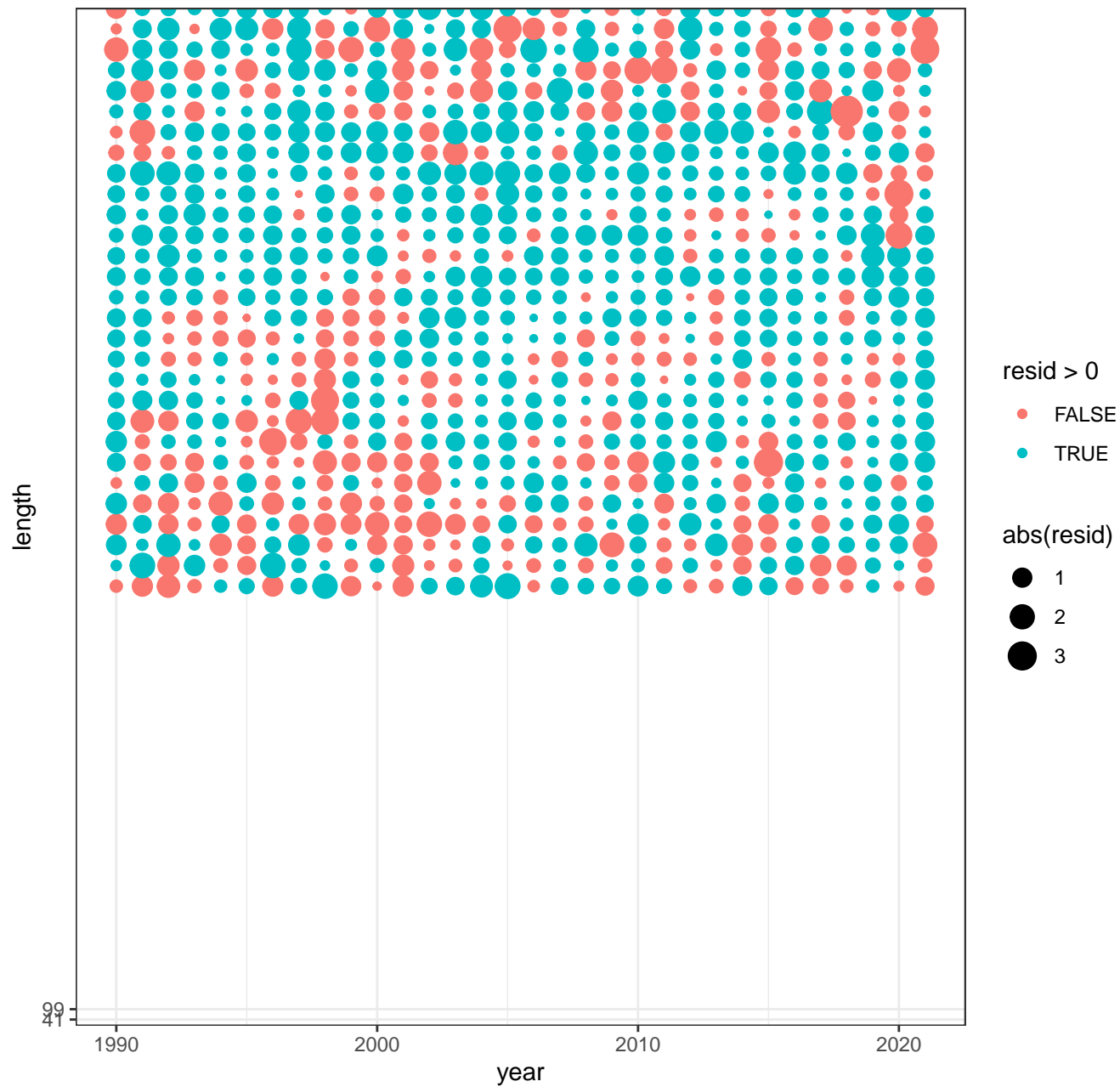
OSA w/o length 1



Pearson



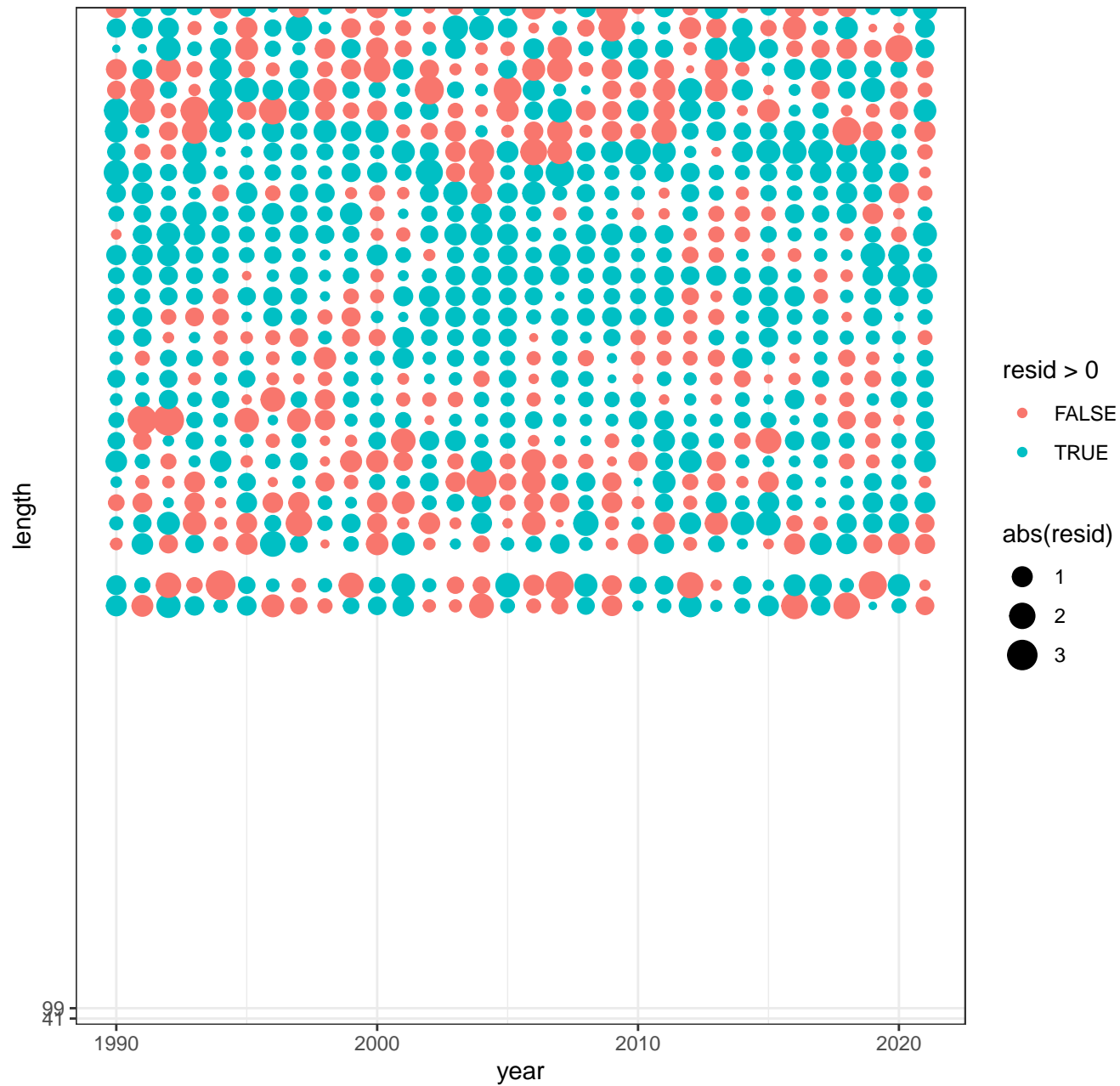
OSA w/o length 41



OSA w/o length 43



OSA w/o length 45



OSA w/o length 47

length

99
41

1990

2000

2010

2020

year

resid > 0

● FALSE

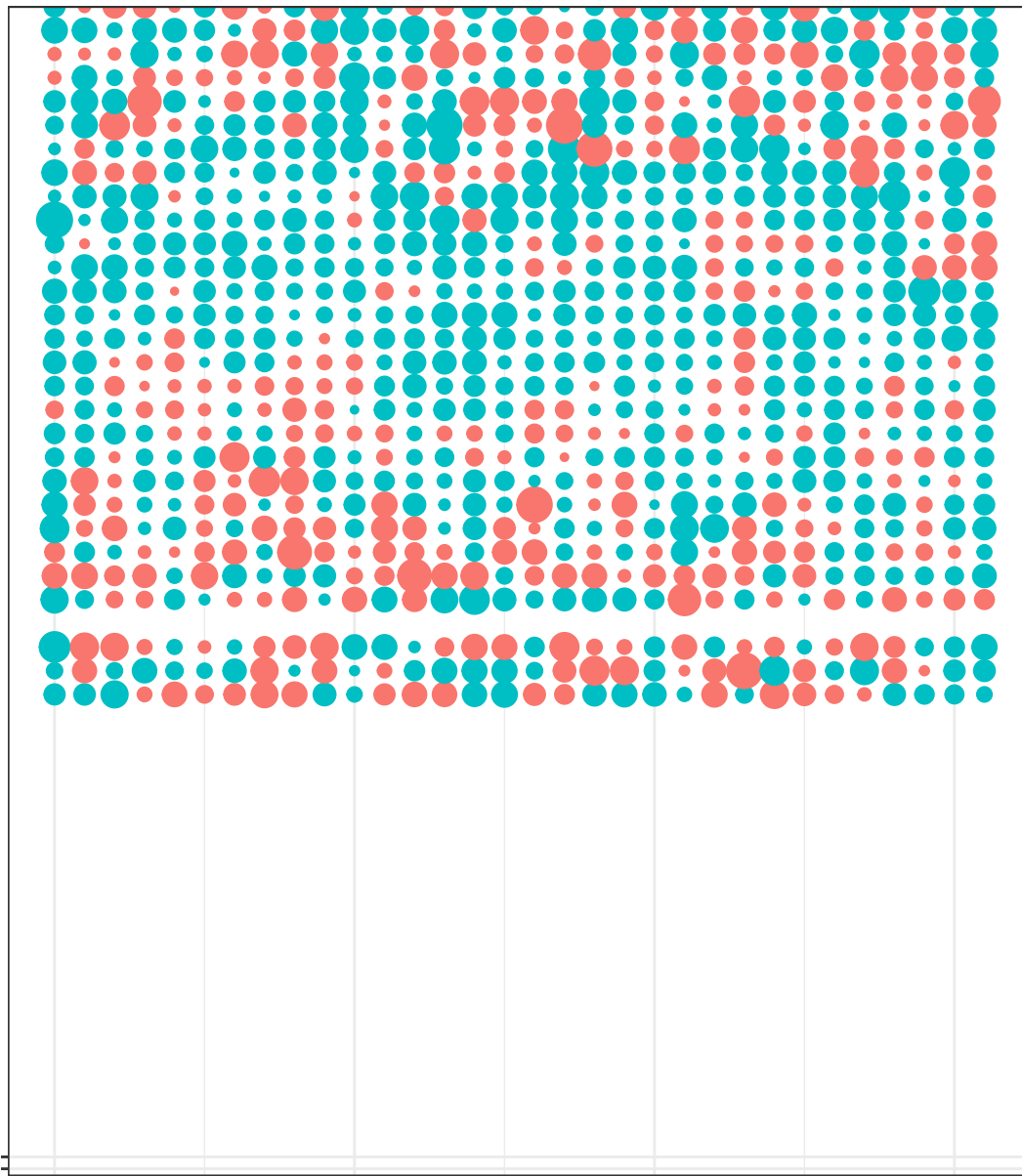
● TRUE

abs(resid)

● 1

● 2

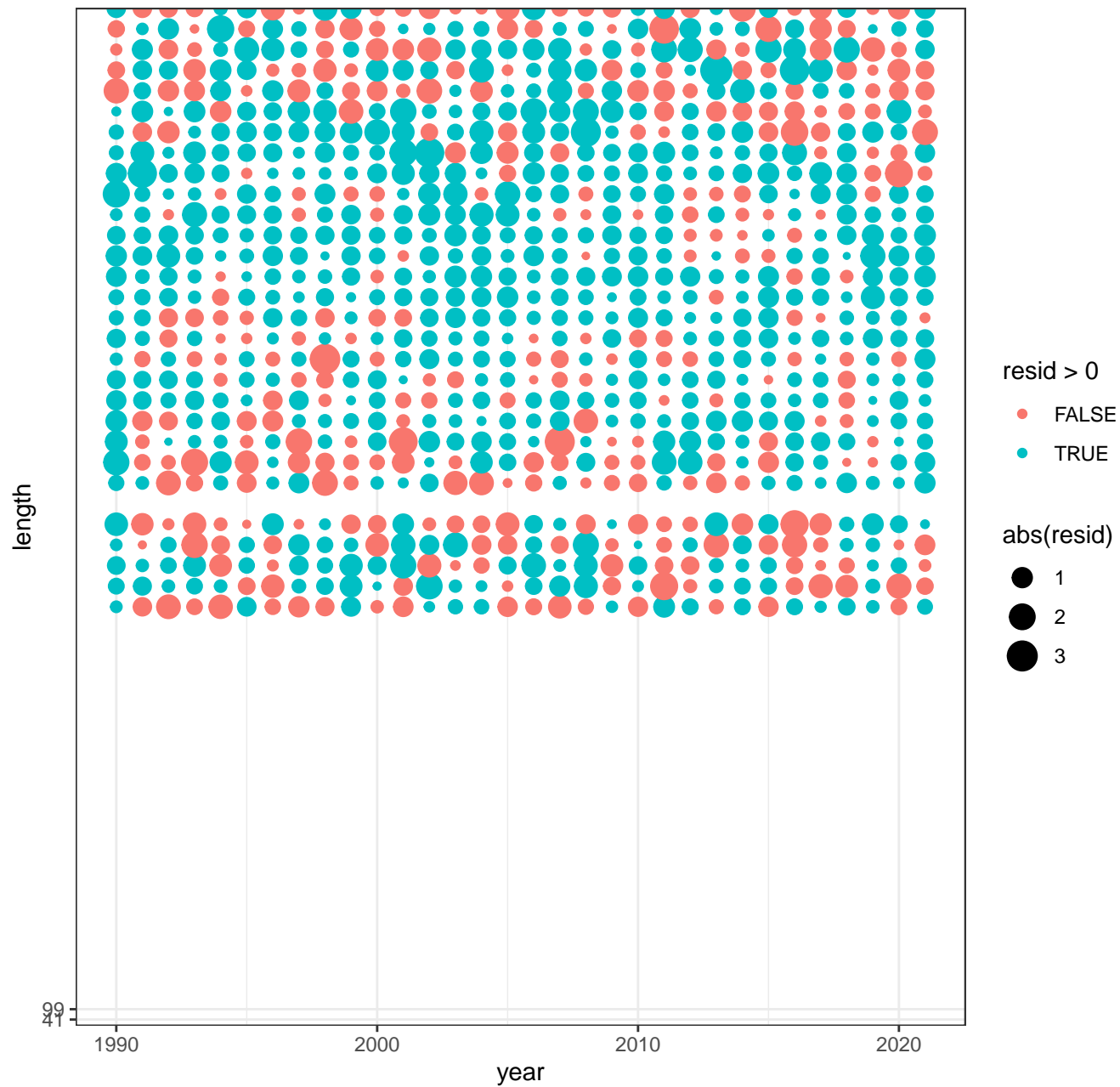
● 3



OSA w/o length 49



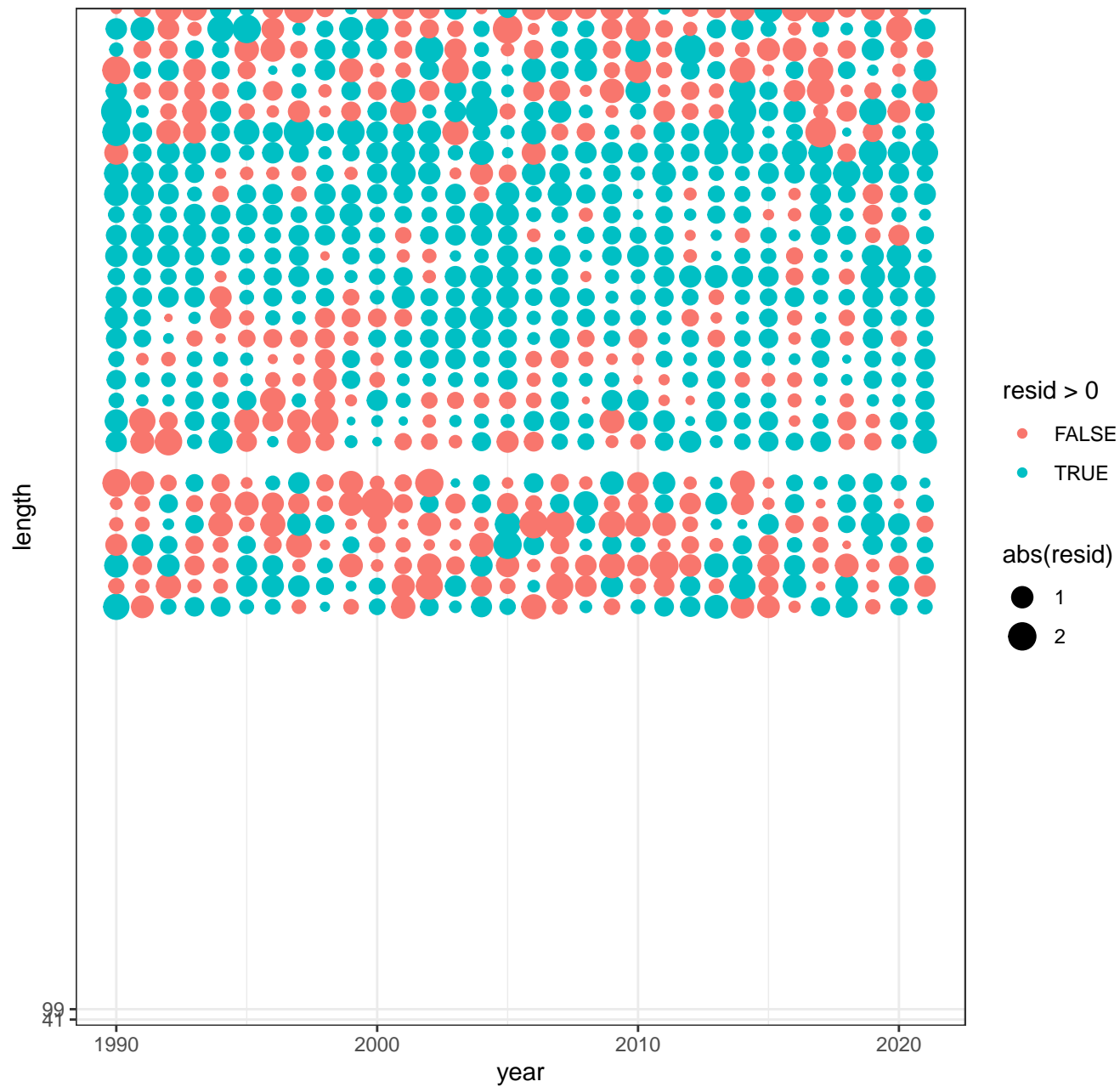
OSA w/o length 51



OSA w/o length 53



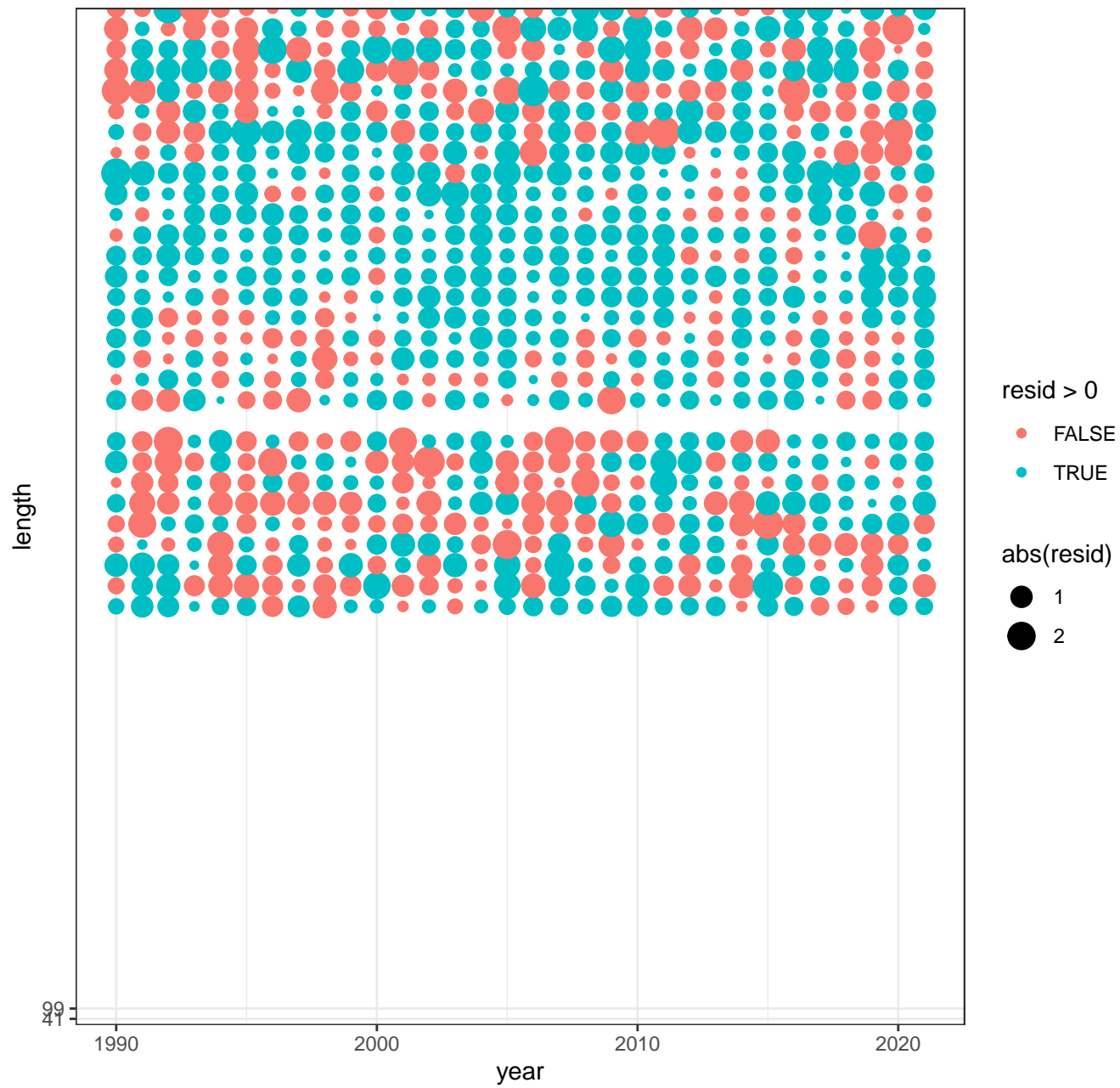
OSA w/o length 55



OSA w/o length 57



OSA w/o length 59



OSA w/o length 61



OSA w/o length 63



OSA w/o length 65



OSA w/o length 67



OSA w/o length 69



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

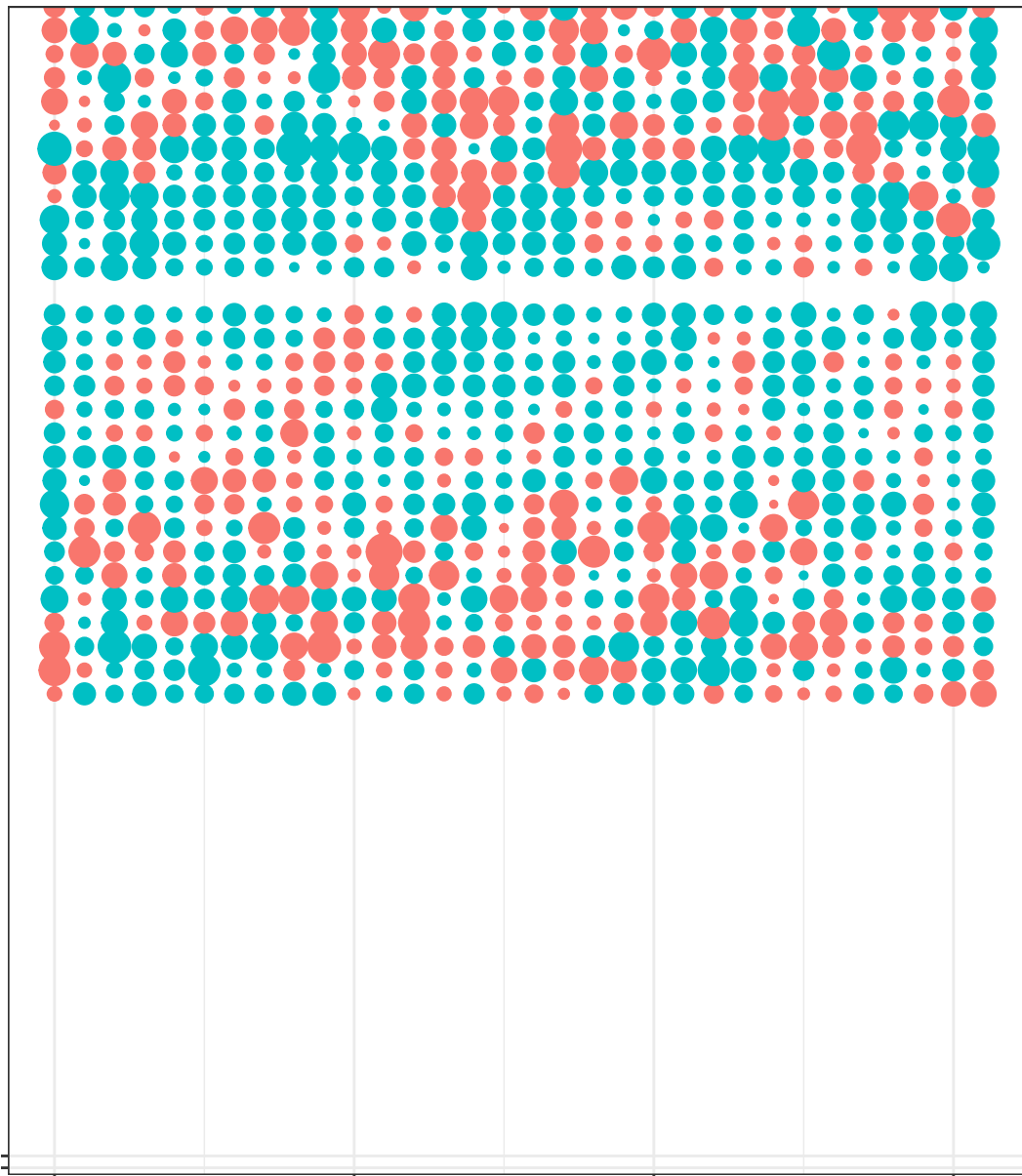
• FALSE

• TRUE

abs(resid)

● 1

● 2



OSA w/o length 77



OSA w/o length 79



OSA w/o length 81



OSA w/o length 83



OSA w/o length 85



OSA w/o length 87



OSA w/o length 89



OSA w/o length 91



OSA w/o length 93



OSA w/o length 95



OSA w/o length 97



OSA w/o length 99

