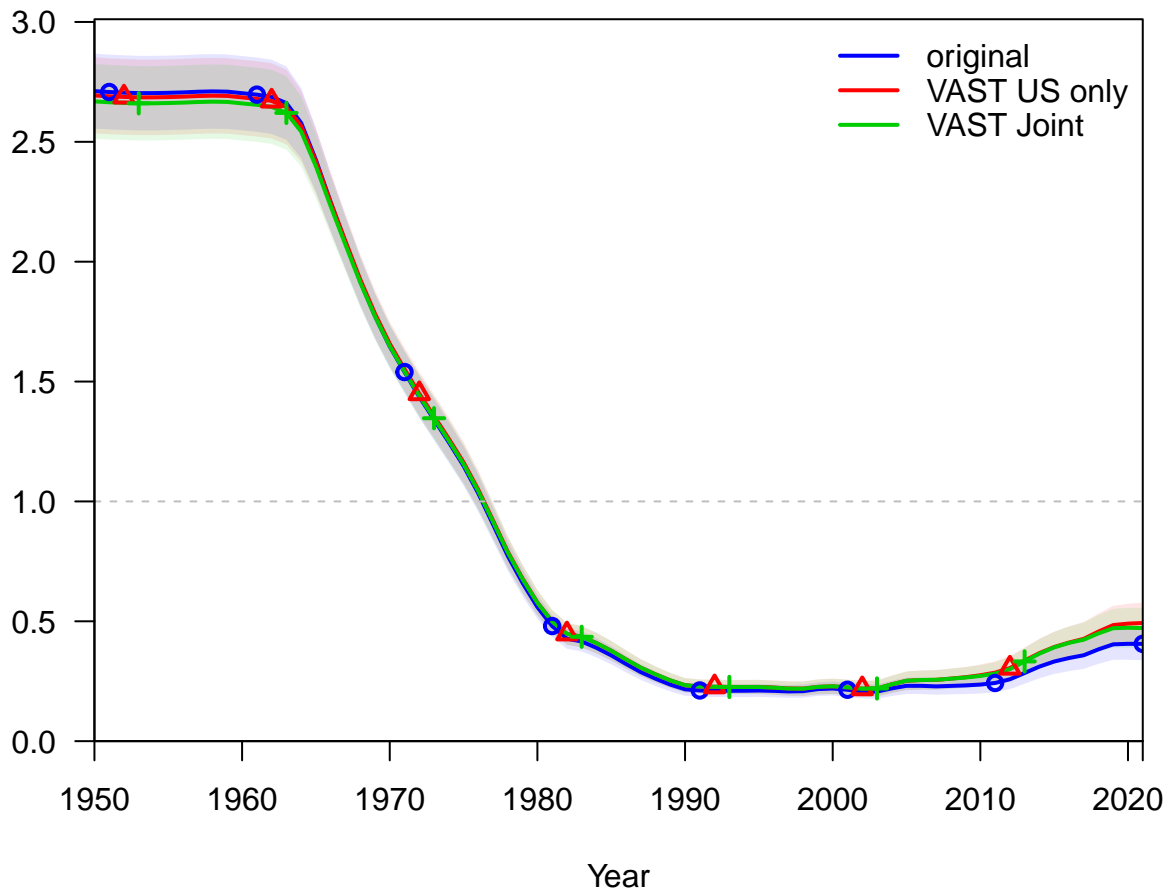
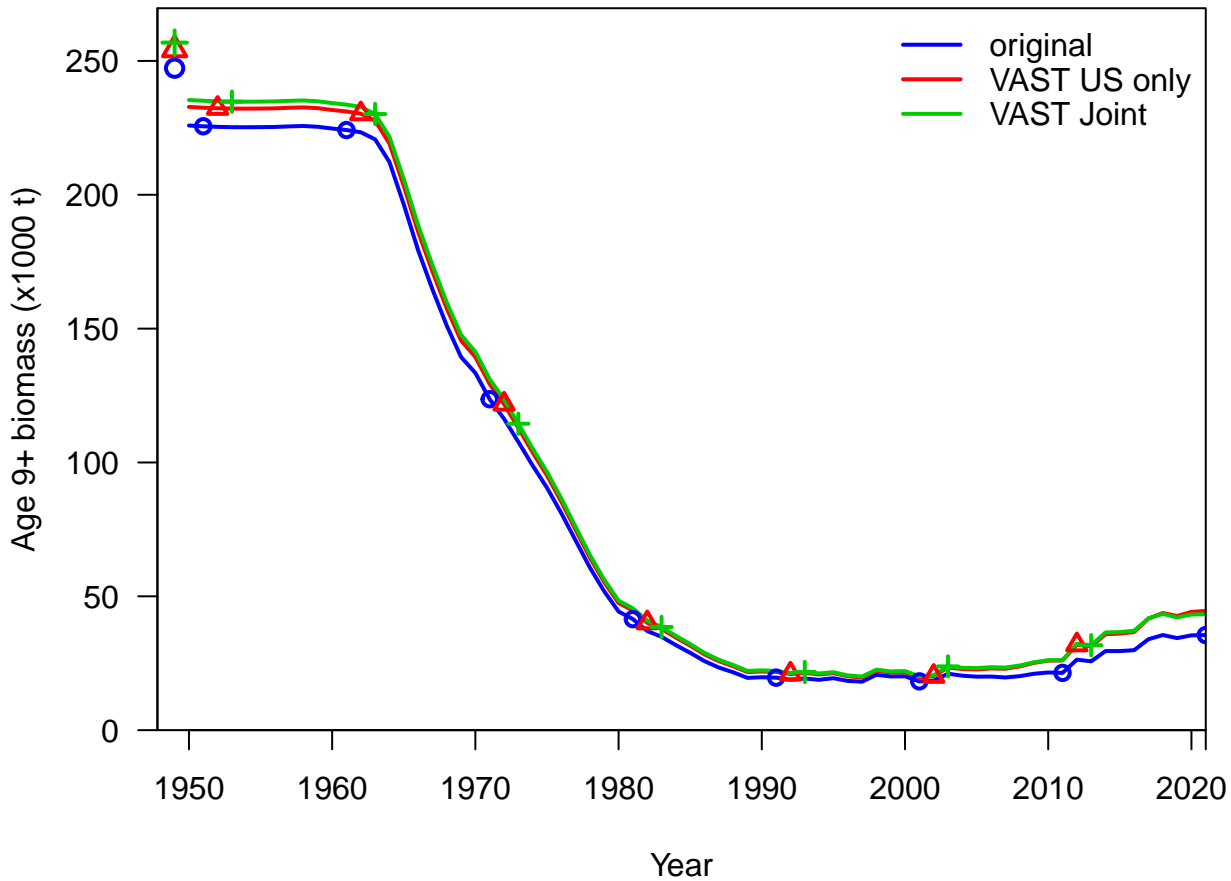
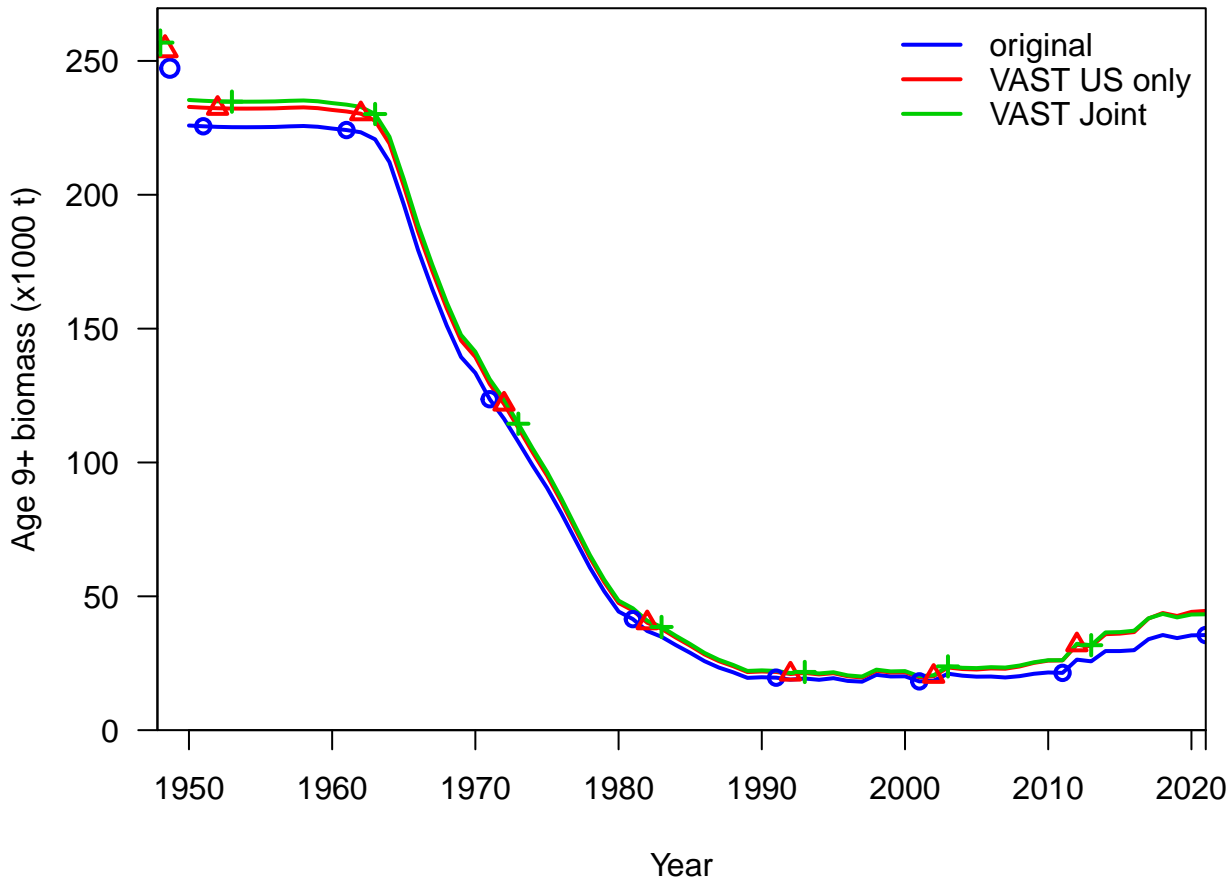
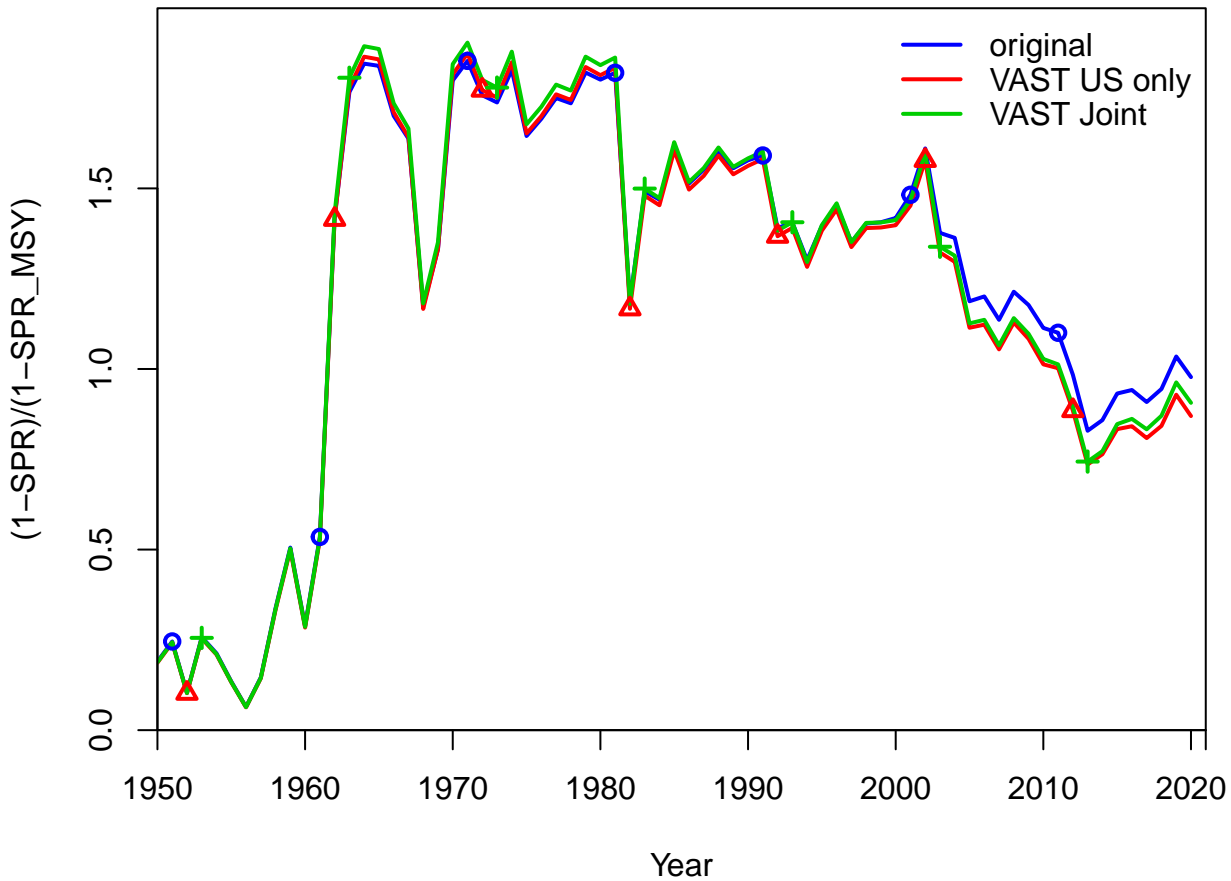


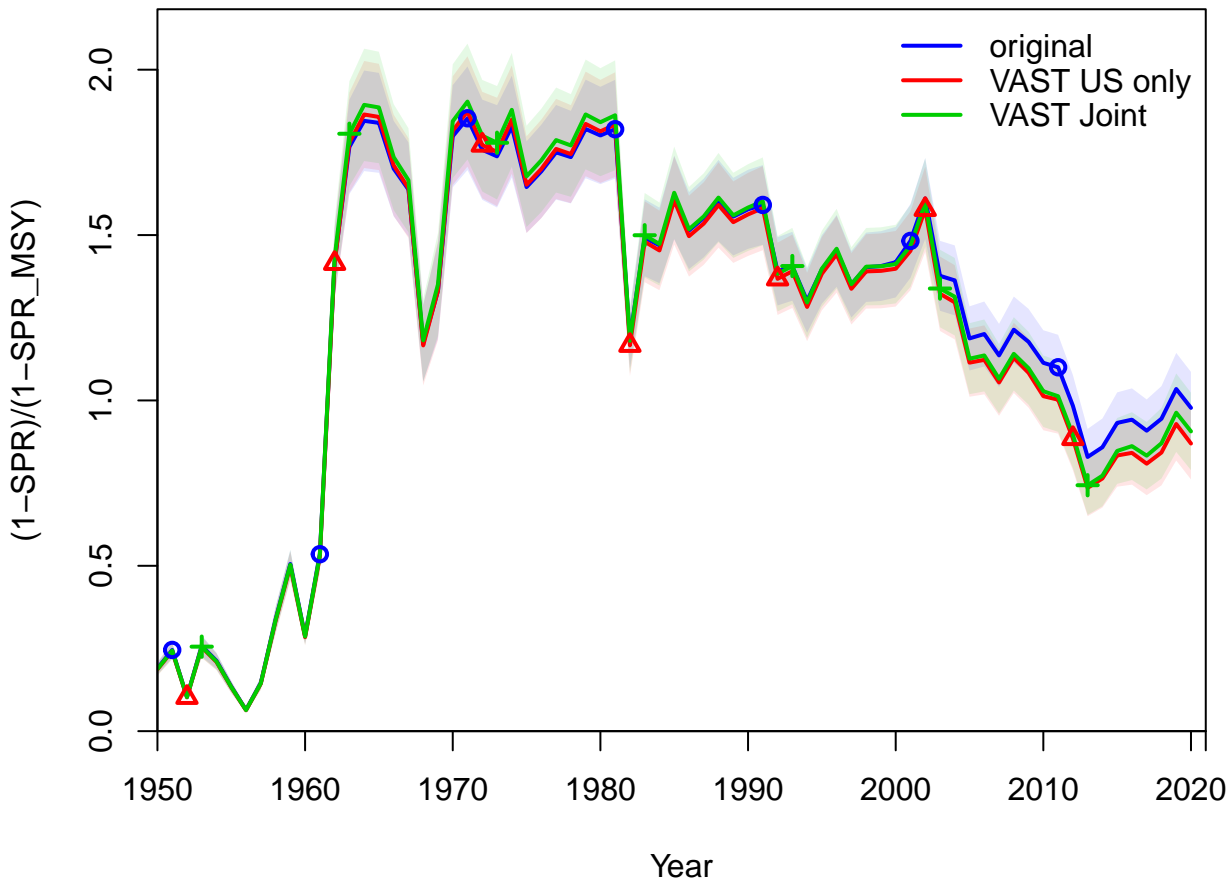
Fraction of unfinished



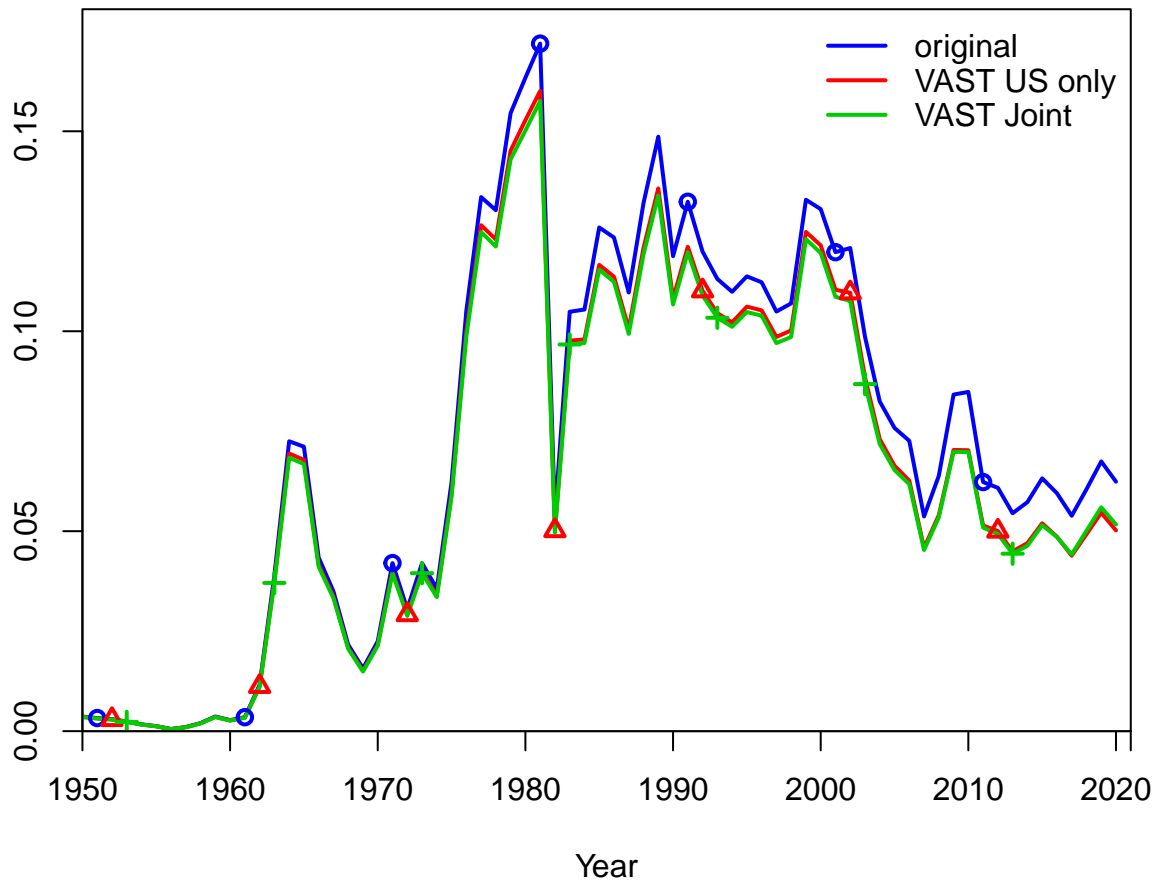




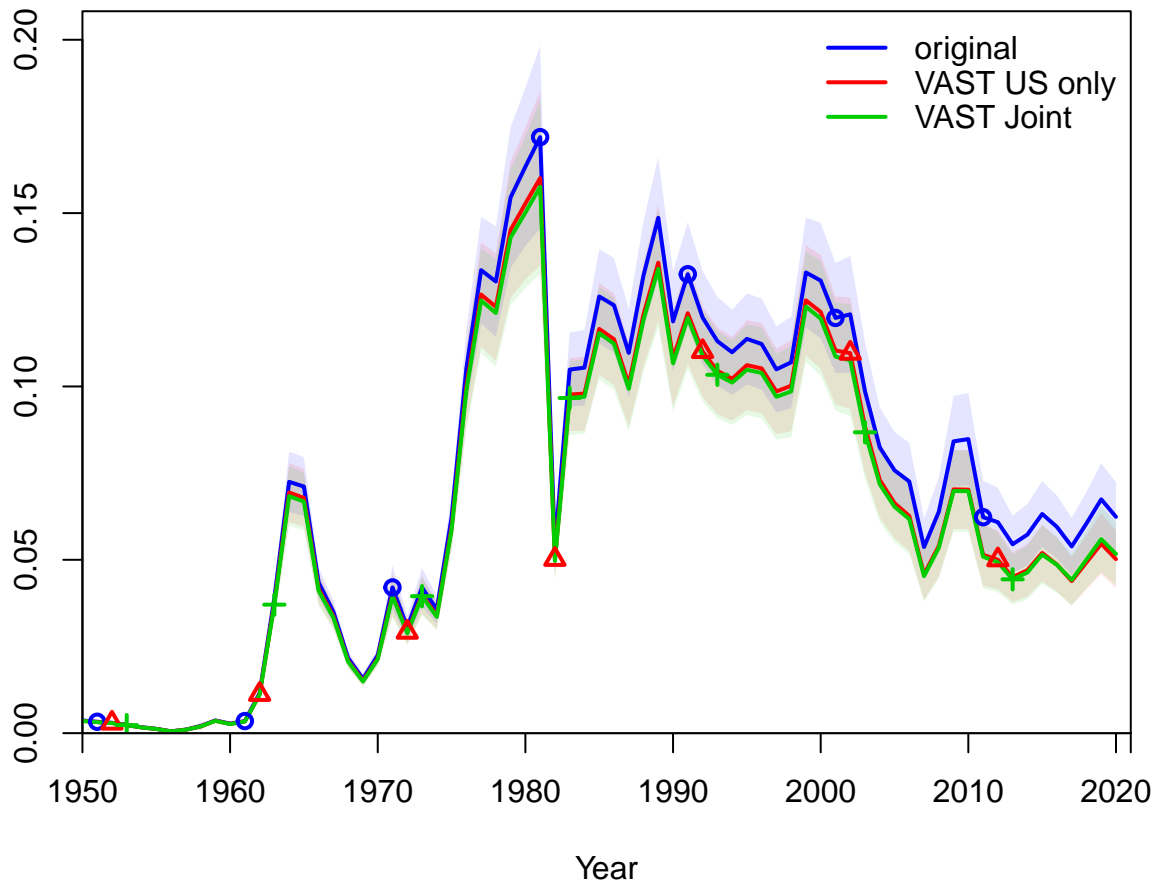


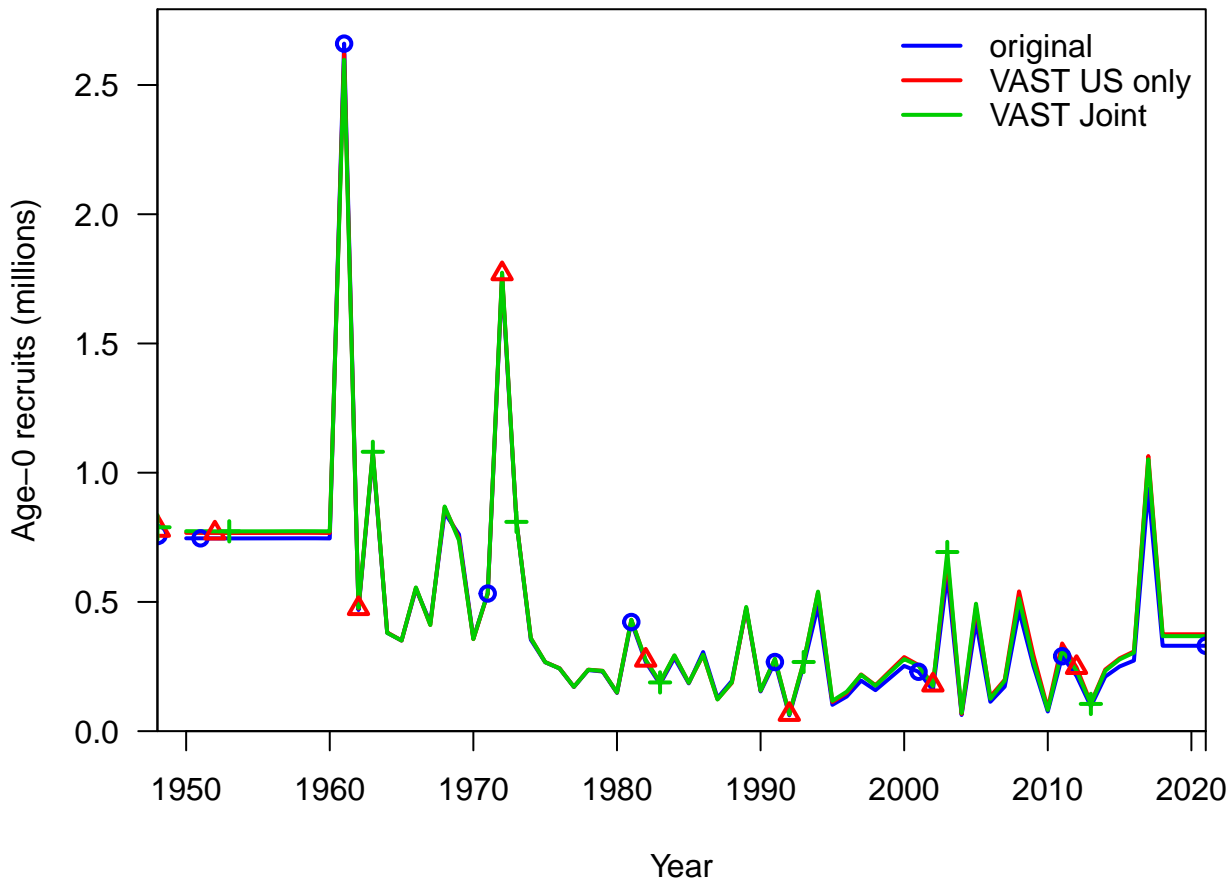


abs F^- , with $F=Z-M$; for ages 10-20



abs F^- , with $F=Z-M$; for ages 10-20





Age-0 recruits (millions)

original
VAST US only
VAST Joint

3

2

1

0

1950

1960

1970

1980

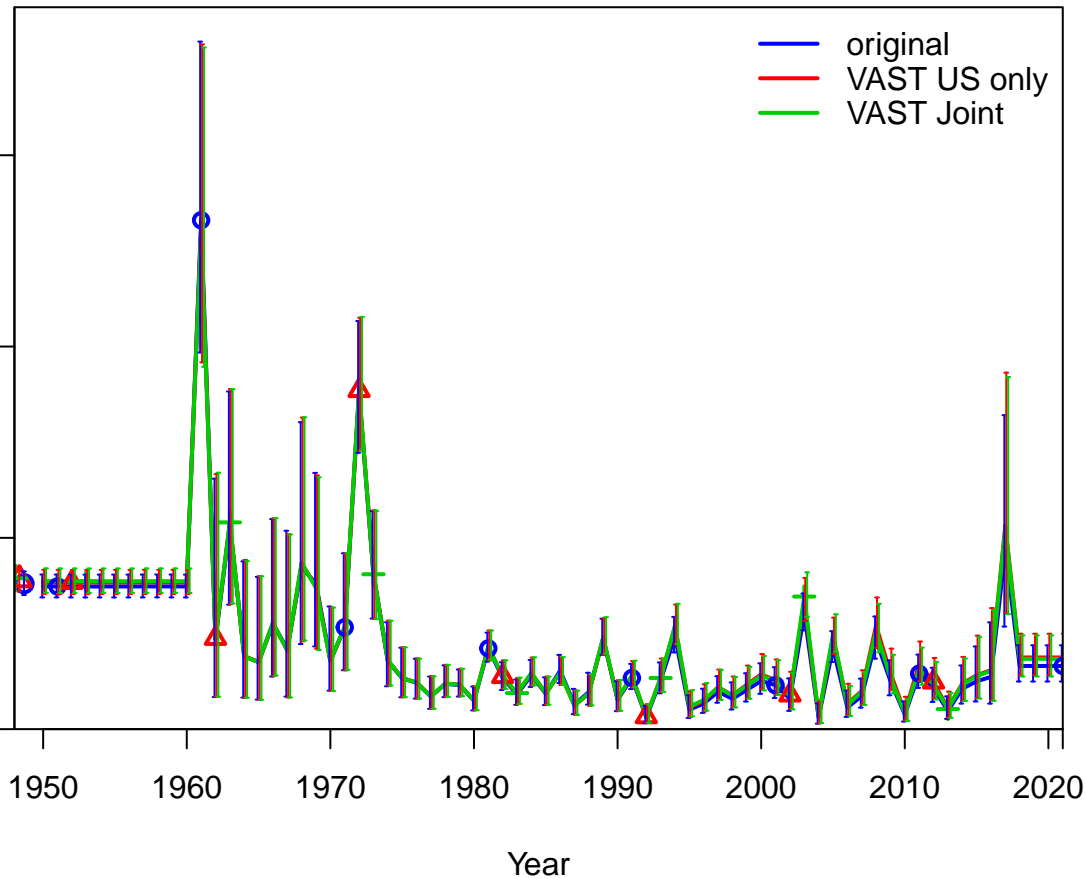
1990

2000

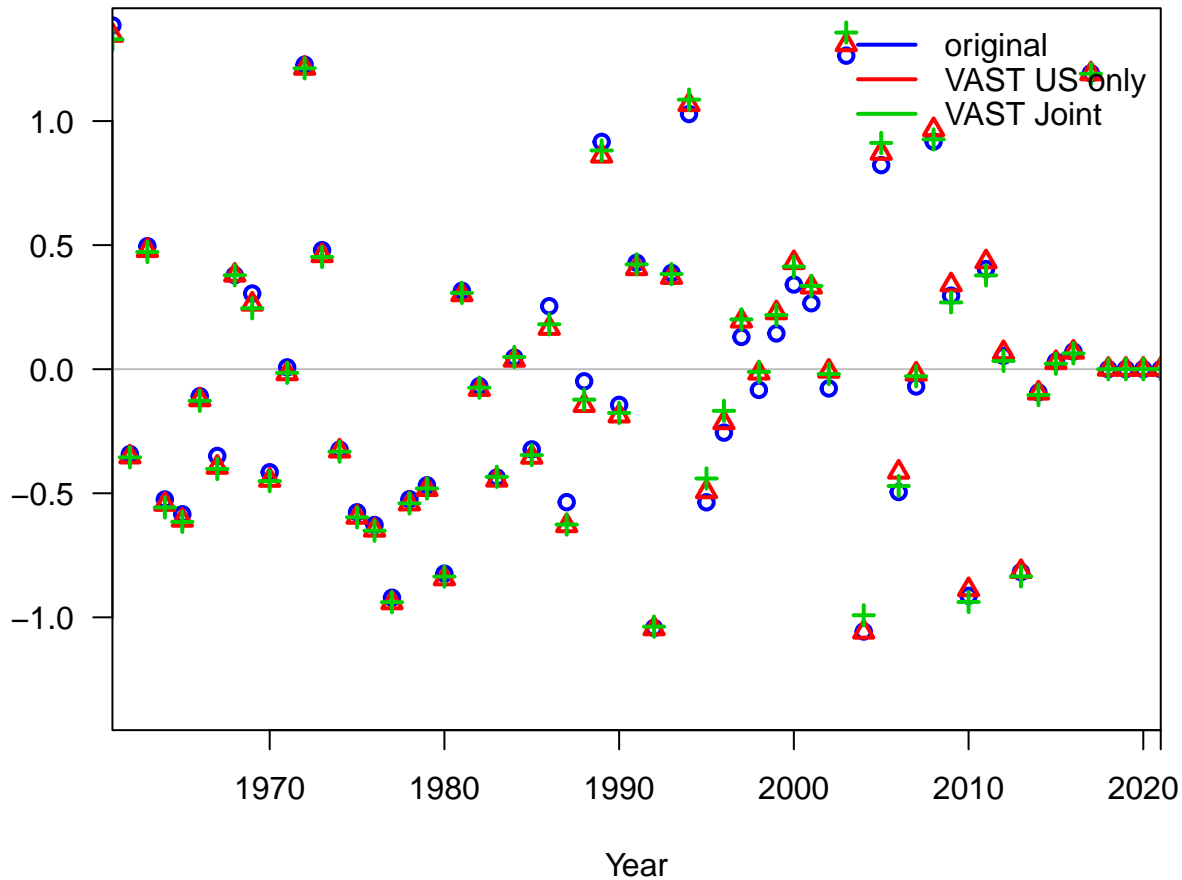
2010

2020

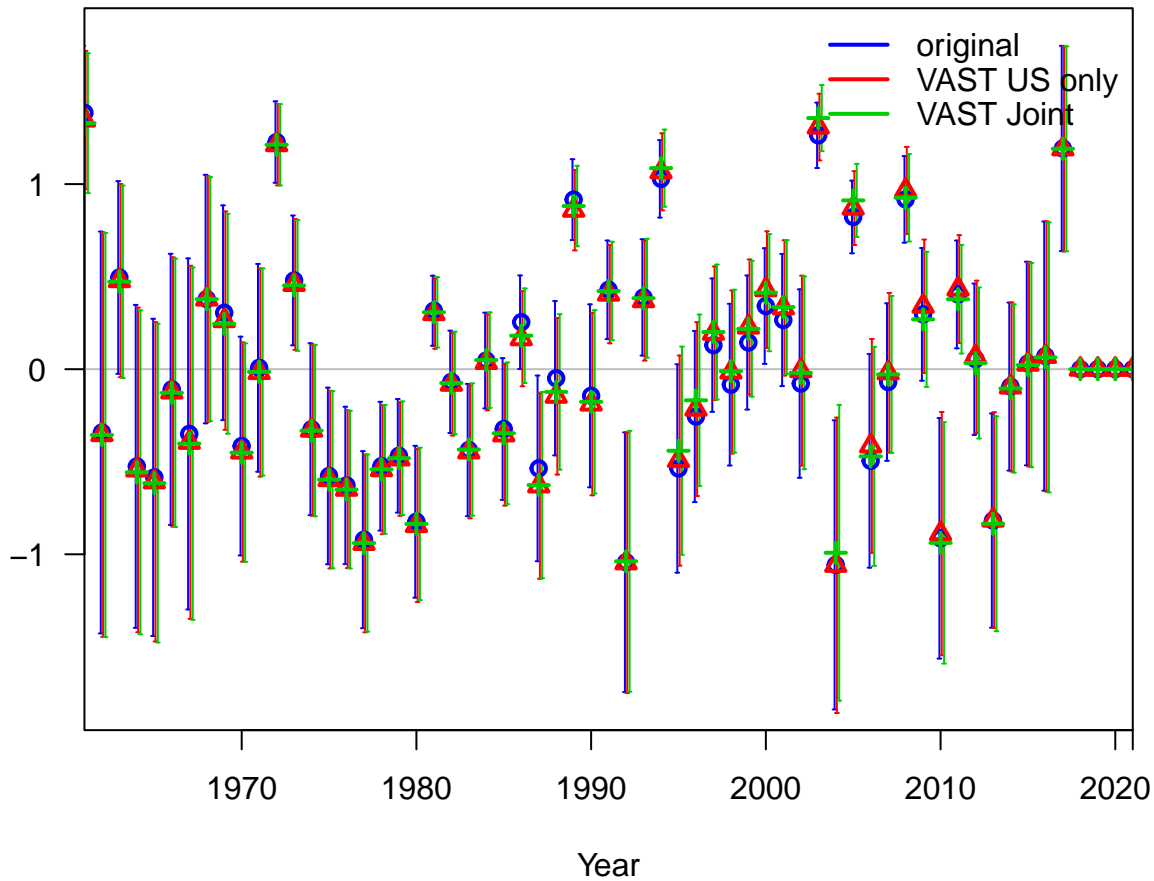
Year

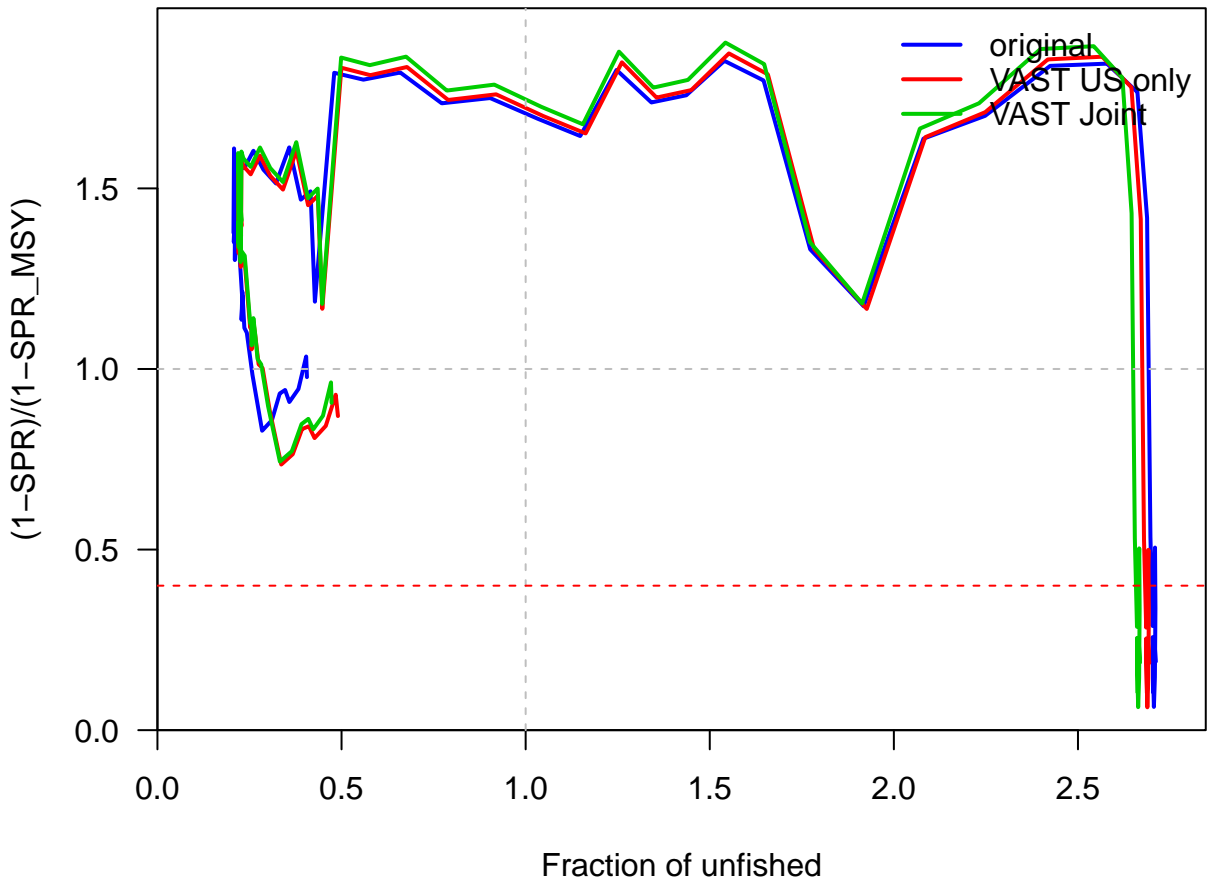


Recruitment deviations

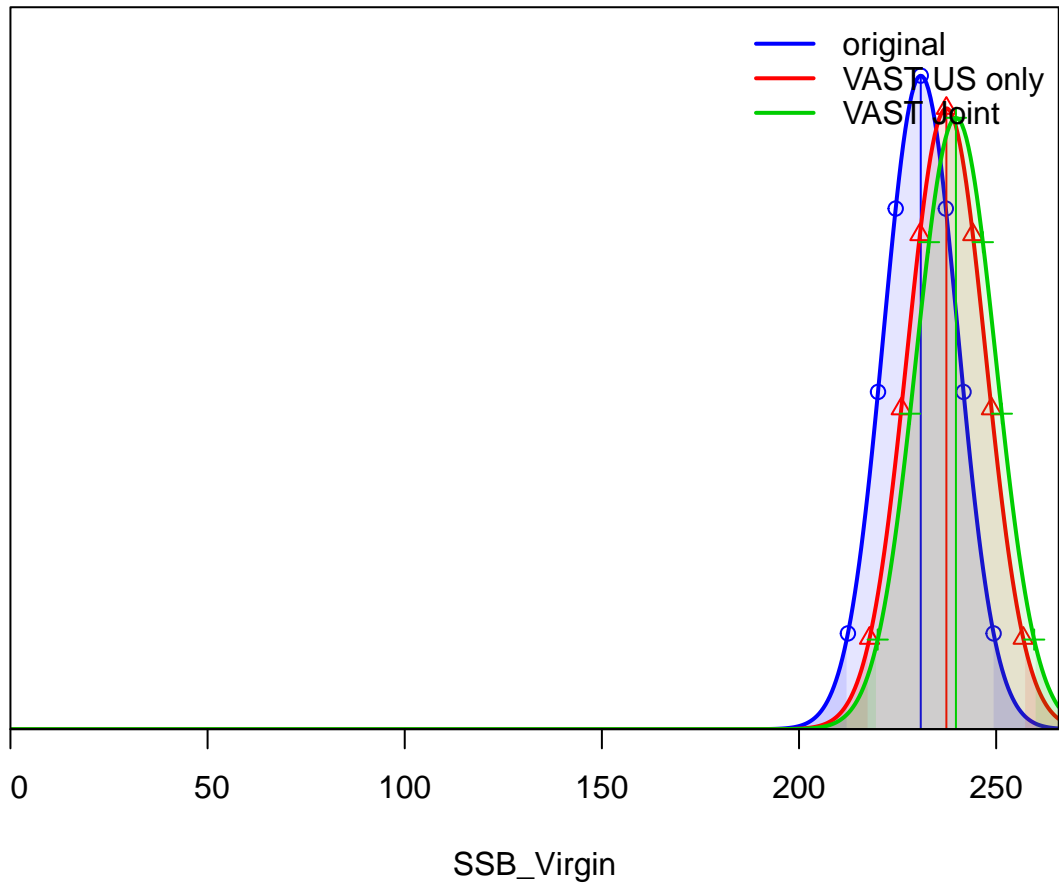


Recruitment deviations

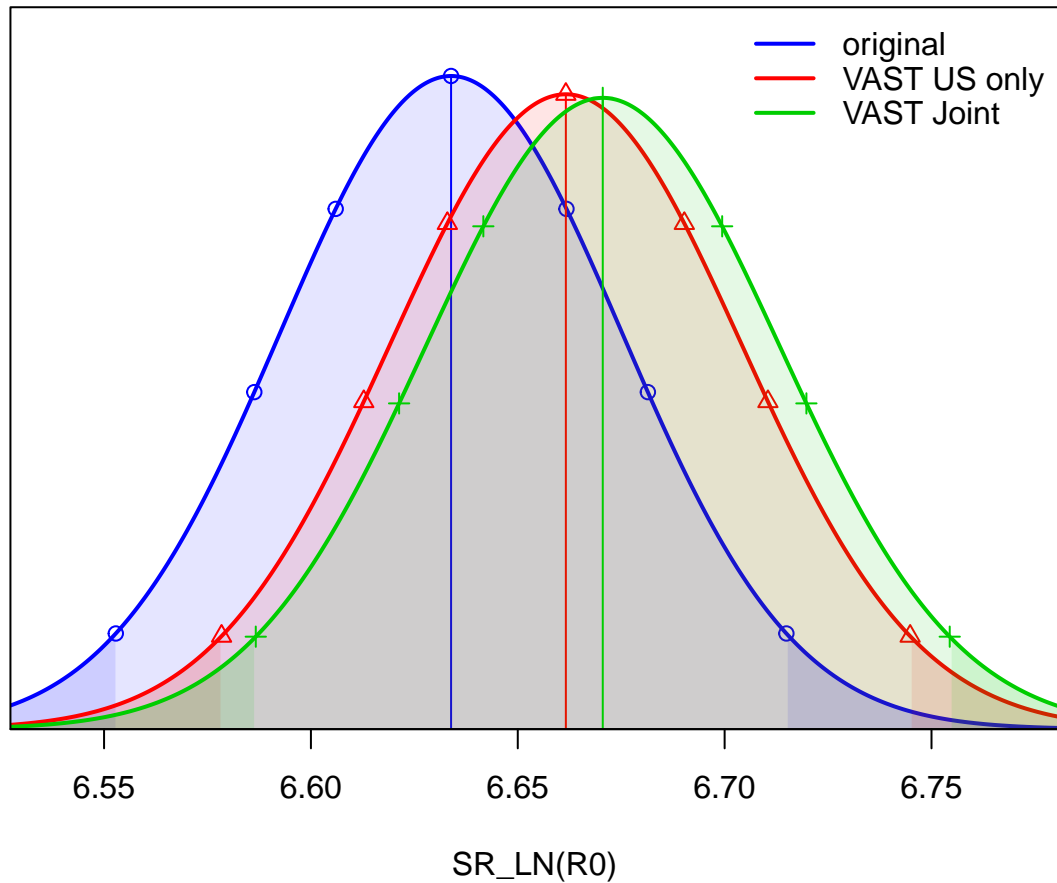




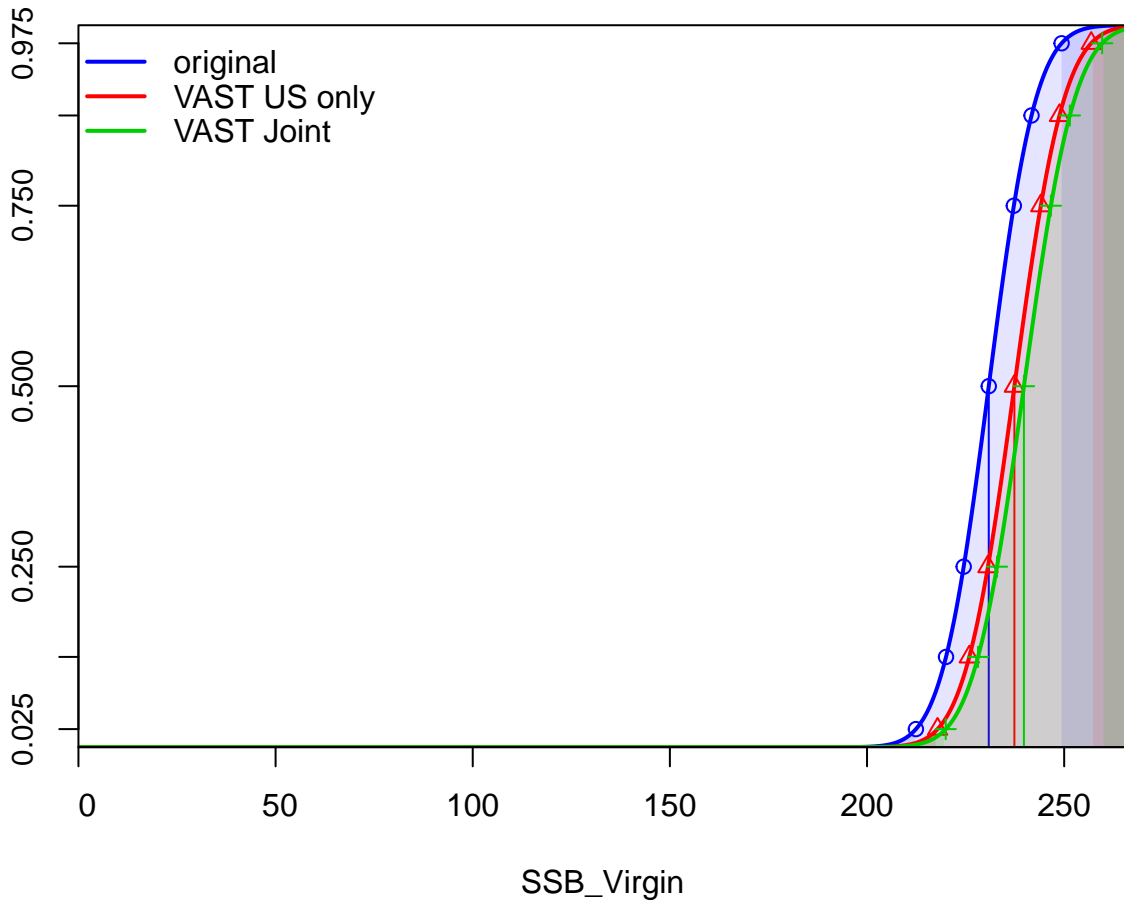
Density



Density



Cumulative Probability



Cumulative Probability

