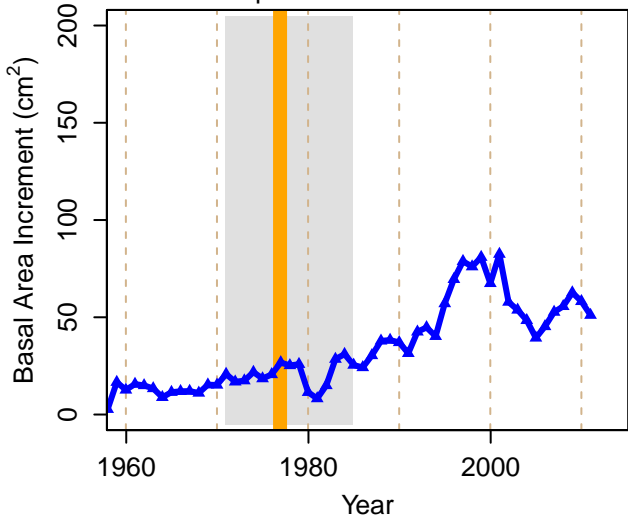
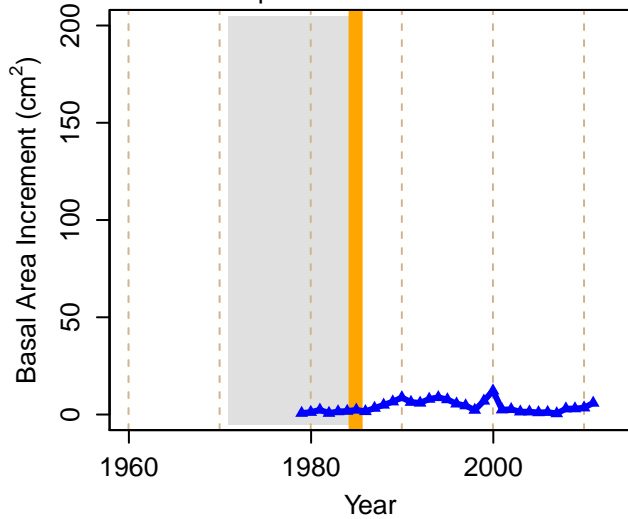


Strong Response

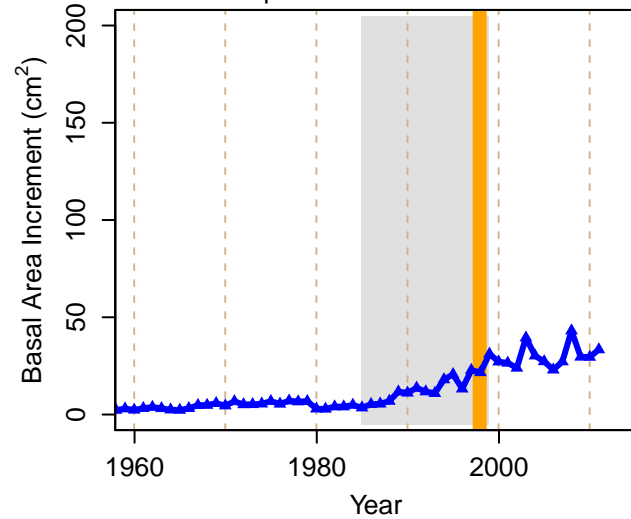
Before = $8.8 \text{ cm}^2 \text{ yr}^{-1}$; After = $44.6 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $8.5\text{e-}13$



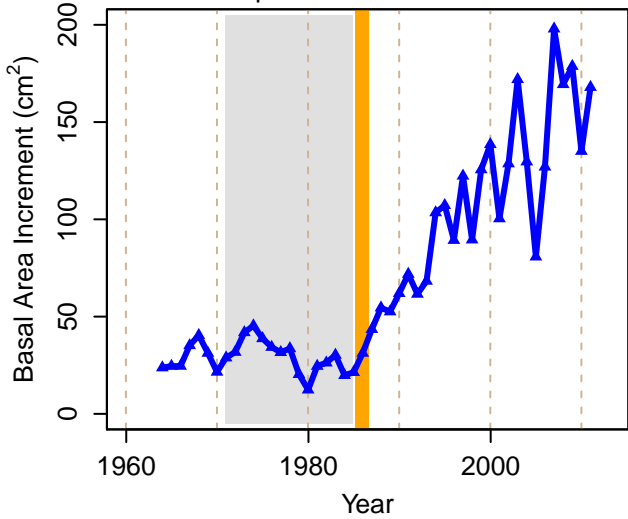
Before = $1.4 \text{ cm}^2 \text{ yr}^{-1}$; After = $4.5 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $2.1\text{e-}05$



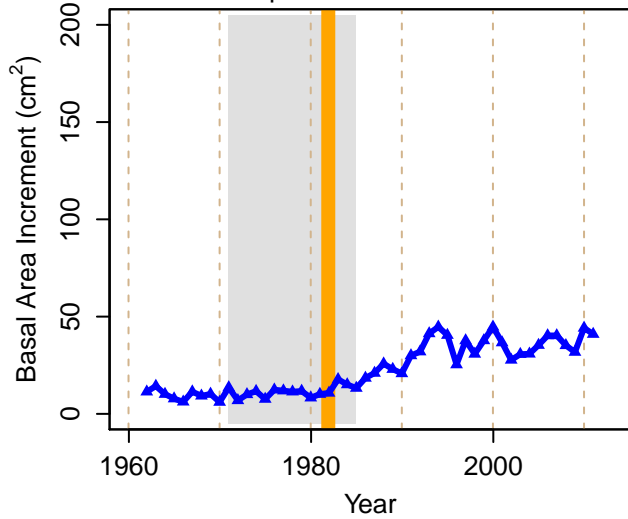
Before = $5.3 \text{ cm}^2 \text{ yr}^{-1}$; After = $29.5 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $5.1\text{e-}11$



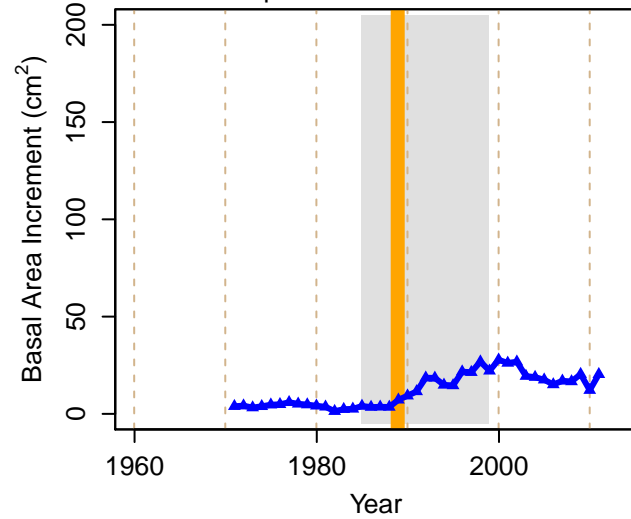
Before = $29.2 \text{ cm}^2 \text{ yr}^{-1}$; After = $108 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $3.4\text{e-}09$



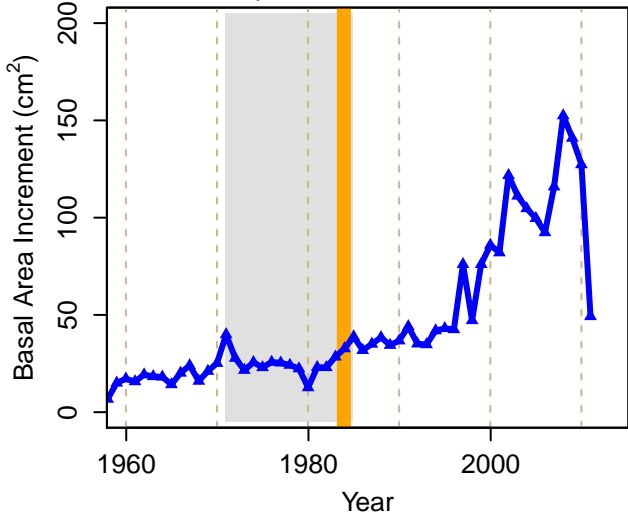
Before = $10.1 \text{ cm}^2 \text{ yr}^{-1}$; After = $30.8 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1\text{e-}12$



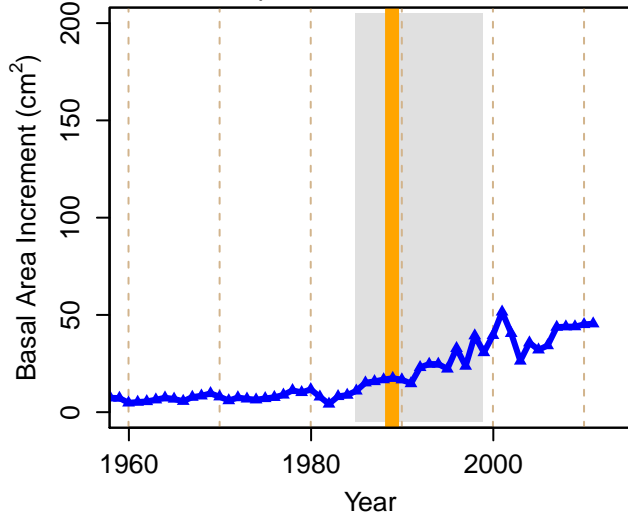
Before = $3.8 \text{ cm}^2 \text{ yr}^{-1}$; After = $18.5 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $5.8\text{e-}12$



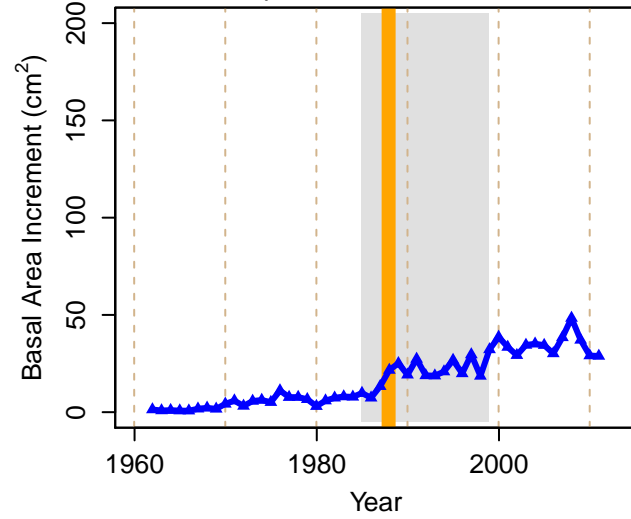
Before = $20.9 \text{ cm}^2 \text{ yr}^{-1}$; After = $70.4 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $2.2\text{e-}07$



Before = $7.5 \text{ cm}^2 \text{ yr}^{-1}$; After = $32.7 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $5.1\text{e-}11$

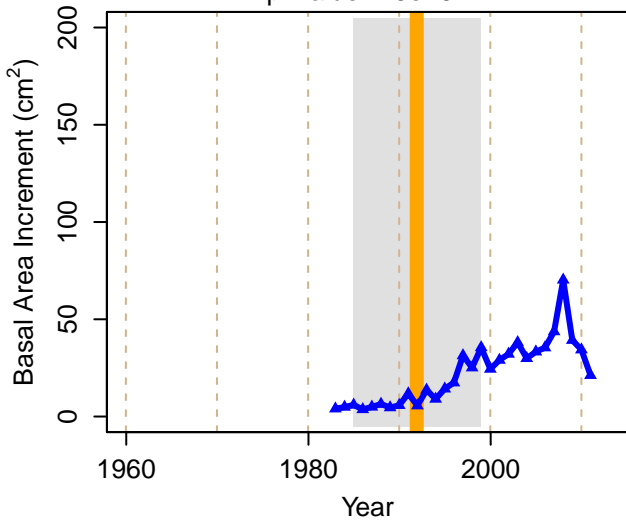


Before = $5.3 \text{ cm}^2 \text{ yr}^{-1}$; After = $29 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $8.7\text{e-}15$

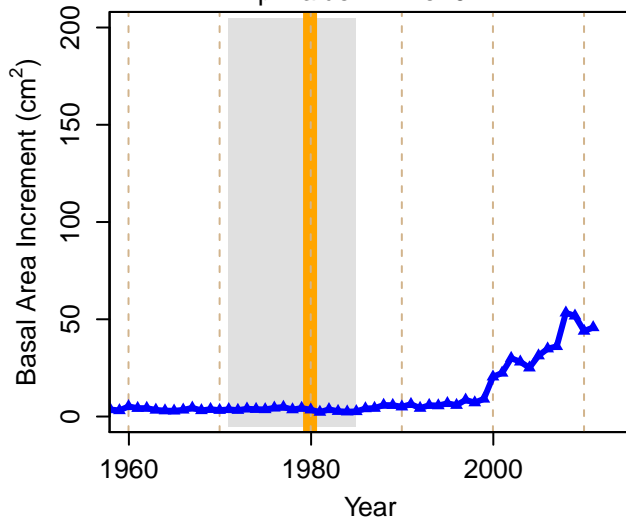


Strong Response

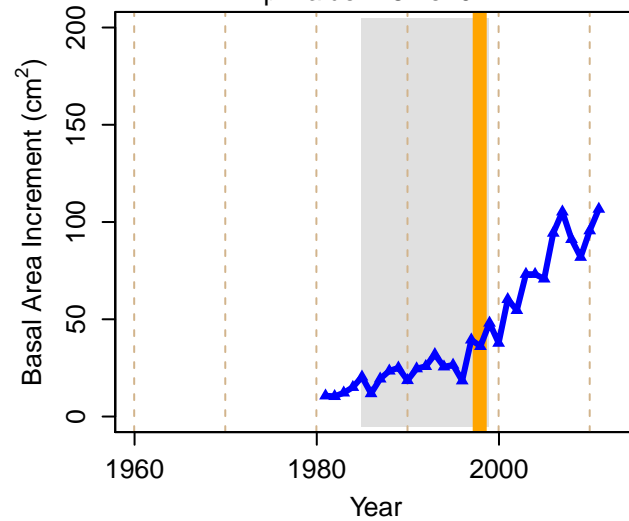
Before = $5.8 \text{ cm}^2 \text{ yr}^{-1}$; After = $29.2 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $5e-07$



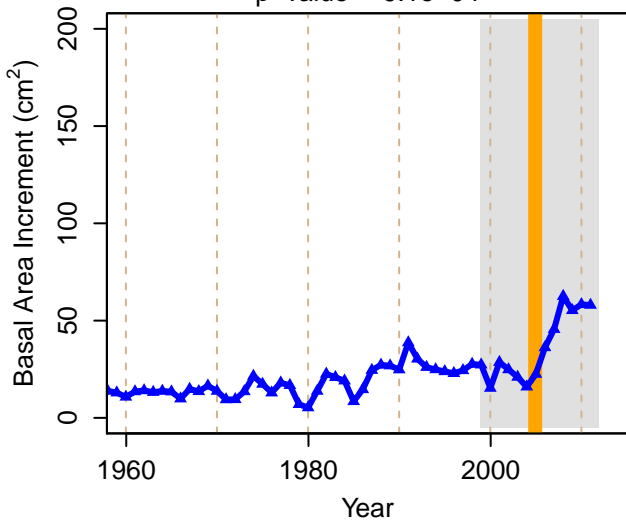
Before = $5.1 \text{ cm}^2 \text{ yr}^{-1}$; After = $16.4 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $4.7e-04$



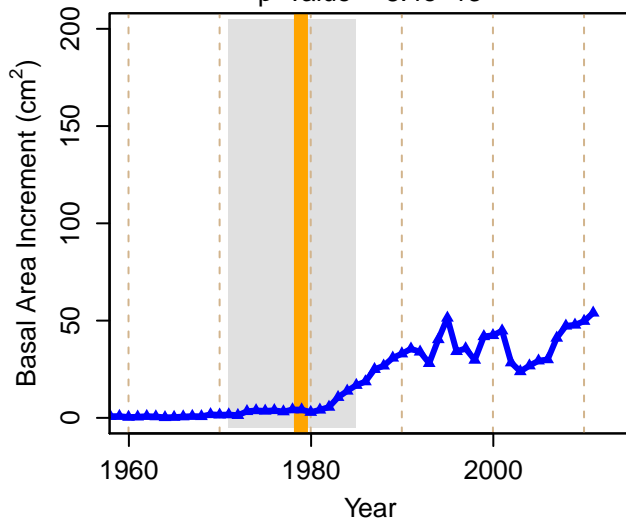
Before = $21.1 \text{ cm}^2 \text{ yr}^{-1}$; After = $73.5 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $8.1e-07$



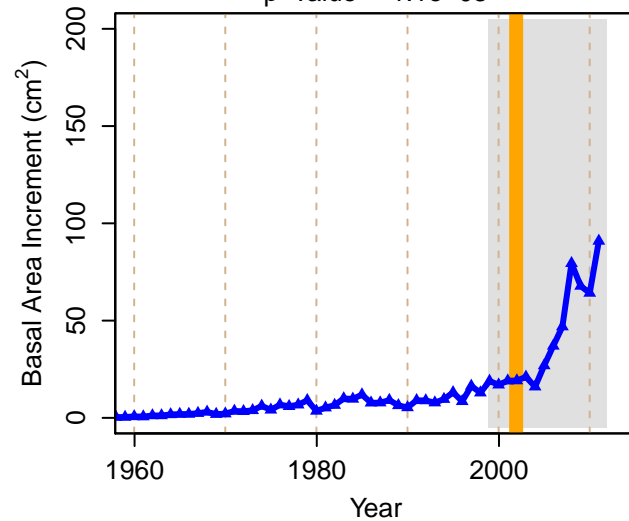
Before = $15.9 \text{ cm}^2 \text{ yr}^{-1}$; After = $48.3 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $9.1e-04$



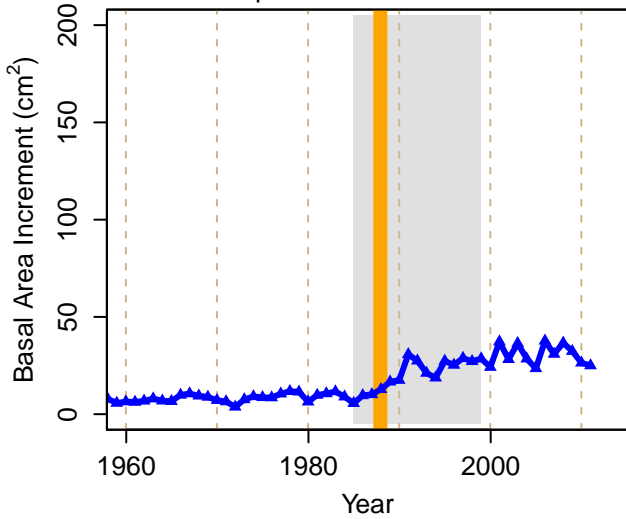
Before = $1.6 \text{ cm}^2 \text{ yr}^{-1}$; After = $29.9 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $8.4e-13$



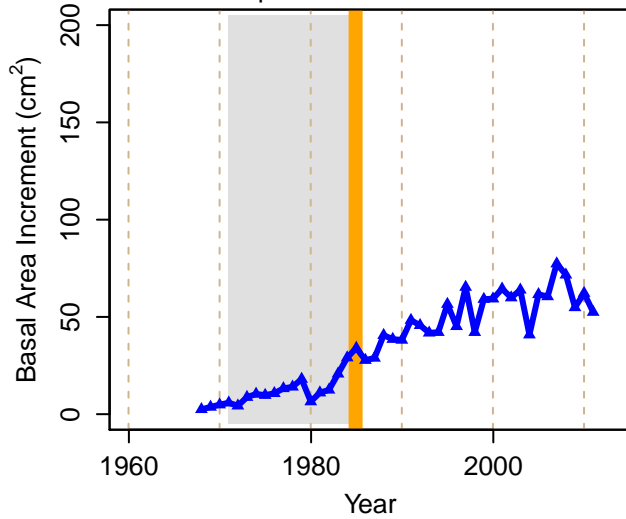
Before = $6.5 \text{ cm}^2 \text{ yr}^{-1}$; After = $46.9 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.1e-03$



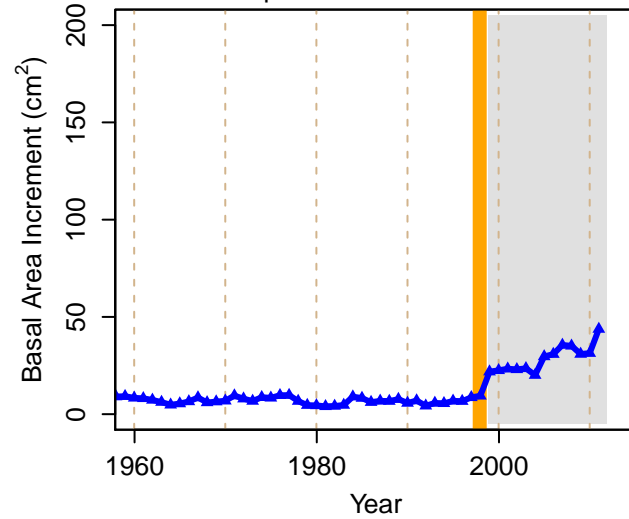
Before = $8 \text{ cm}^2 \text{ yr}^{-1}$; After = $27 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.6e-13$



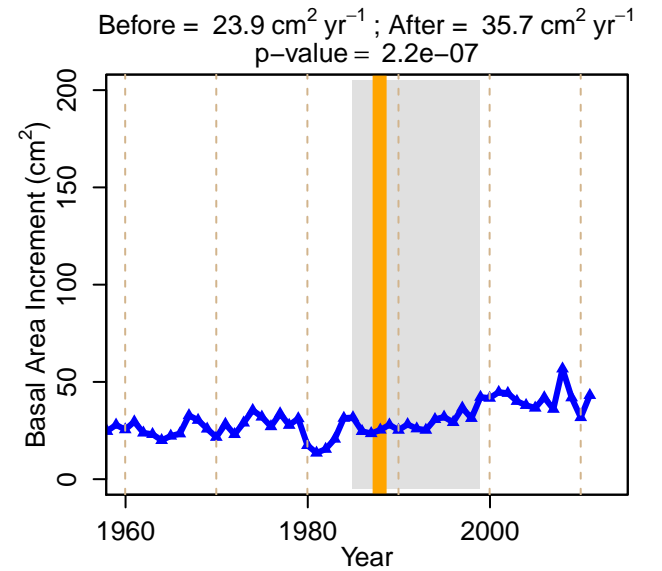
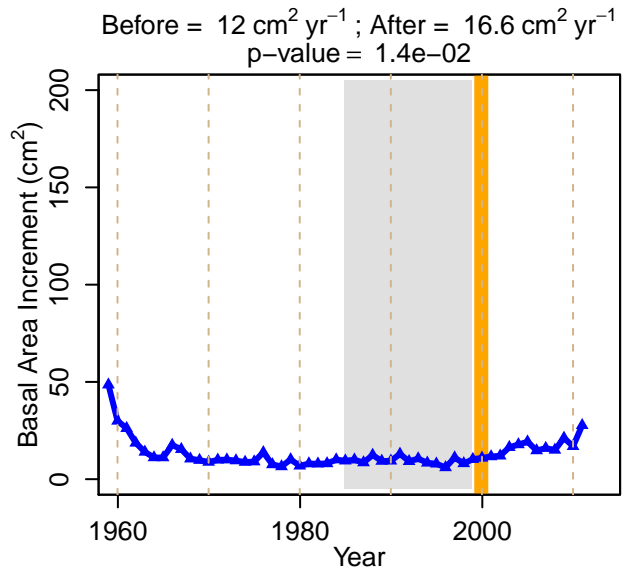
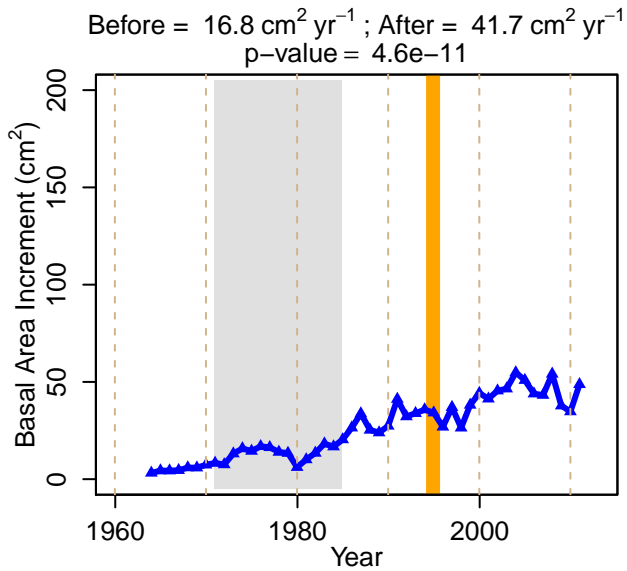
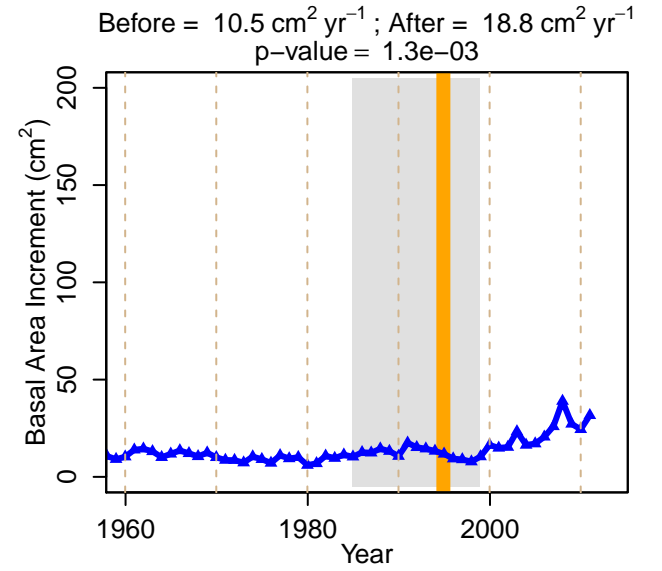
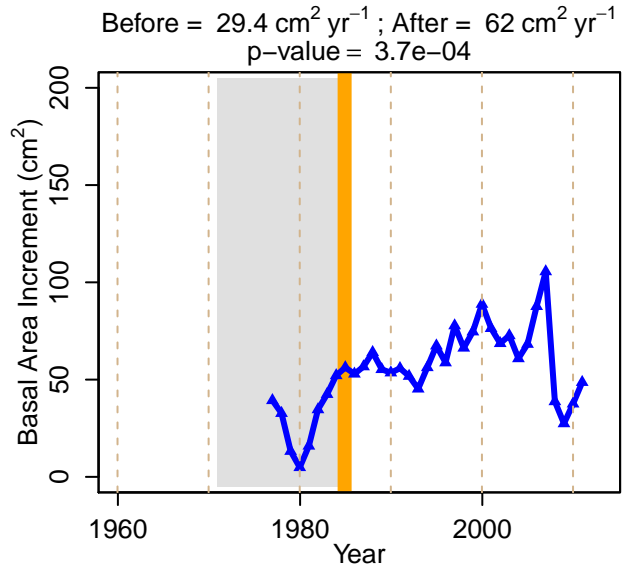
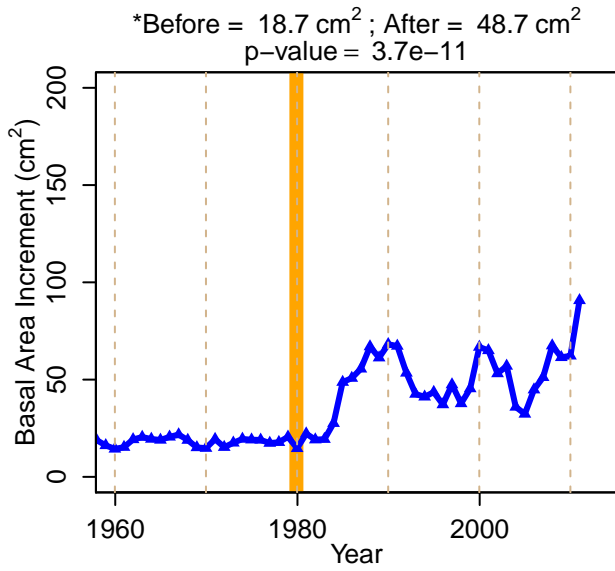
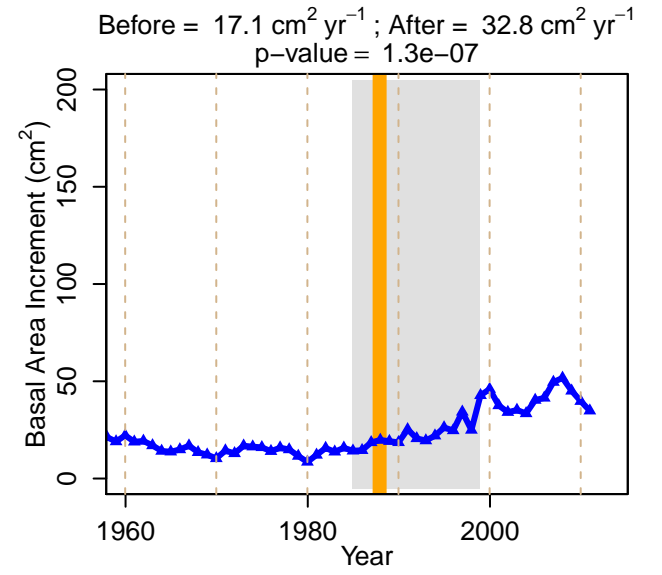
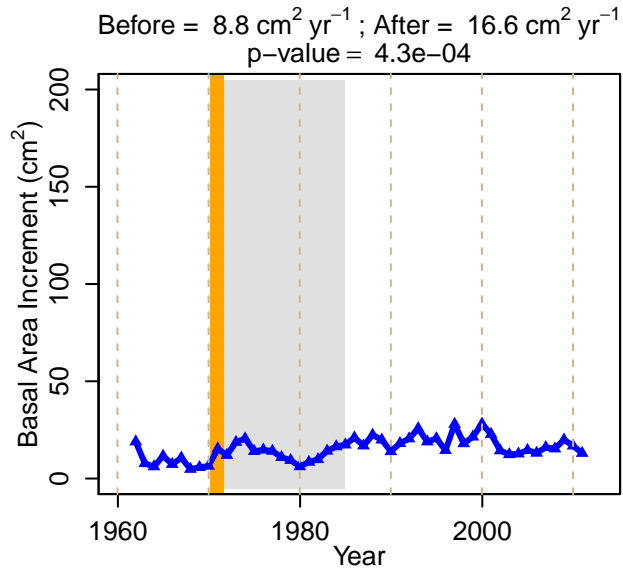
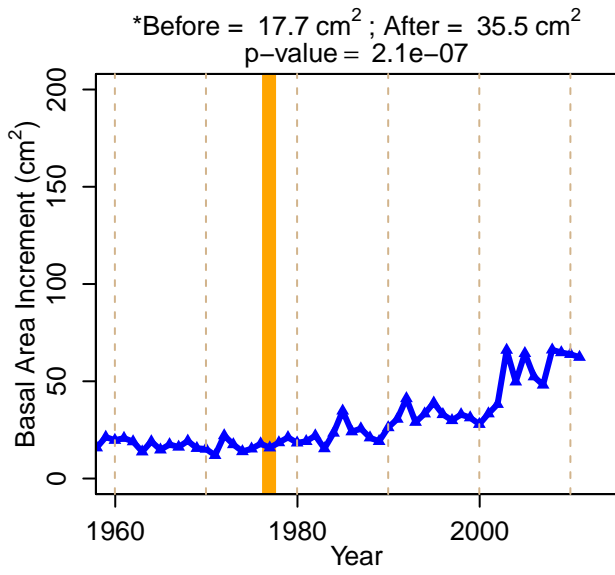
Before = $10.9 \text{ cm}^2 \text{ yr}^{-1}$; After = $51.2 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.5e-16$



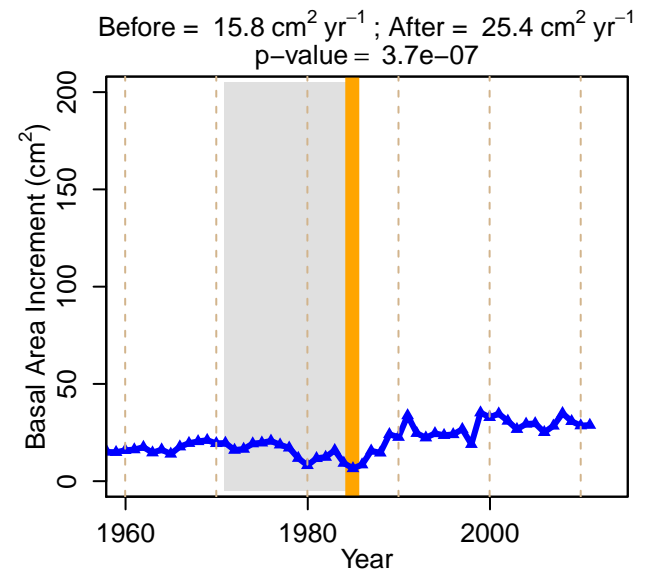
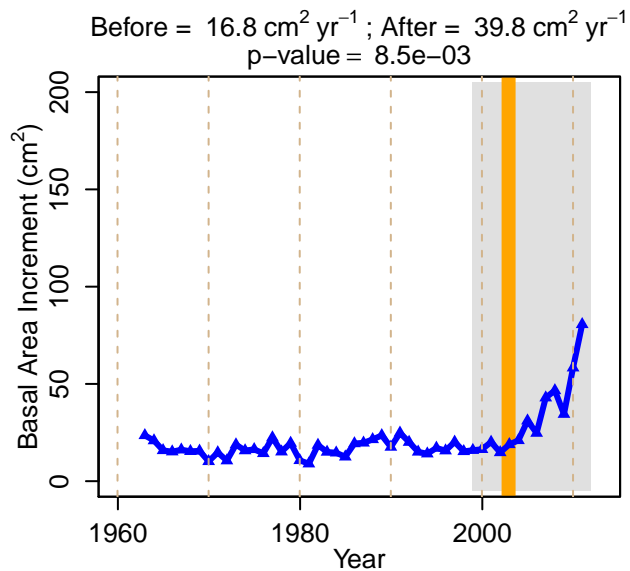
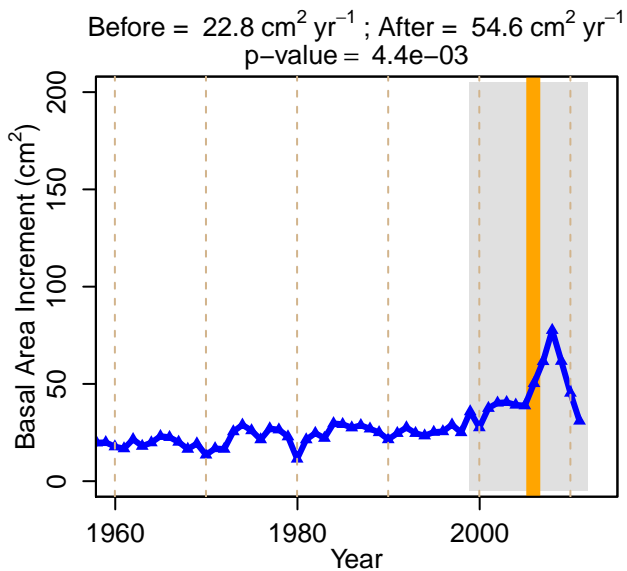
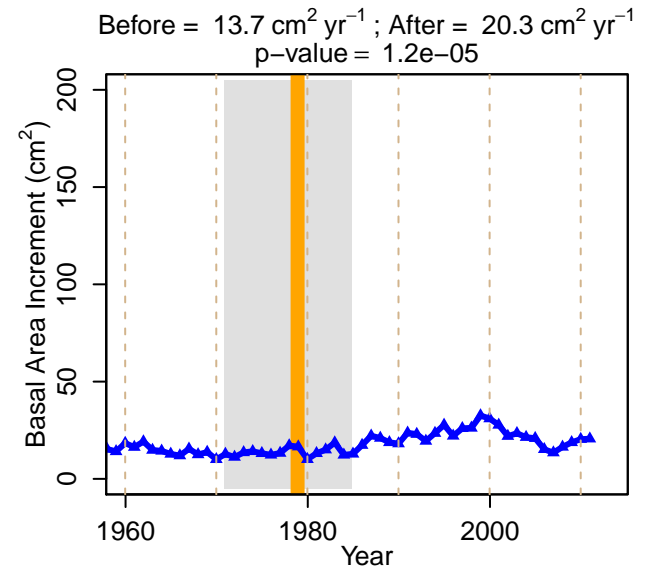
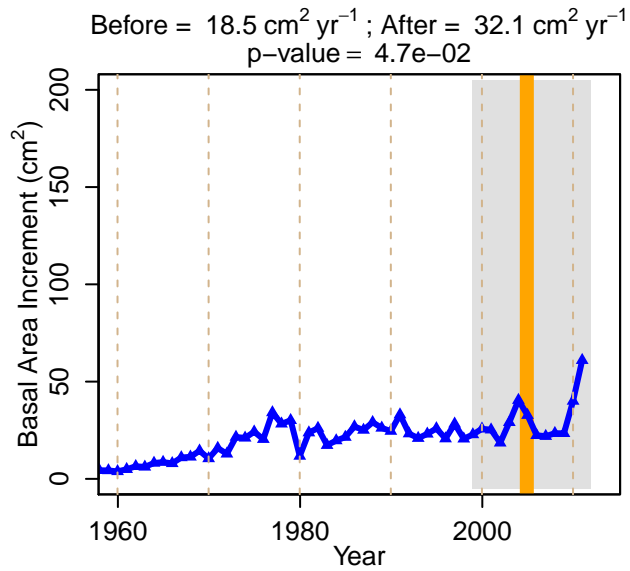
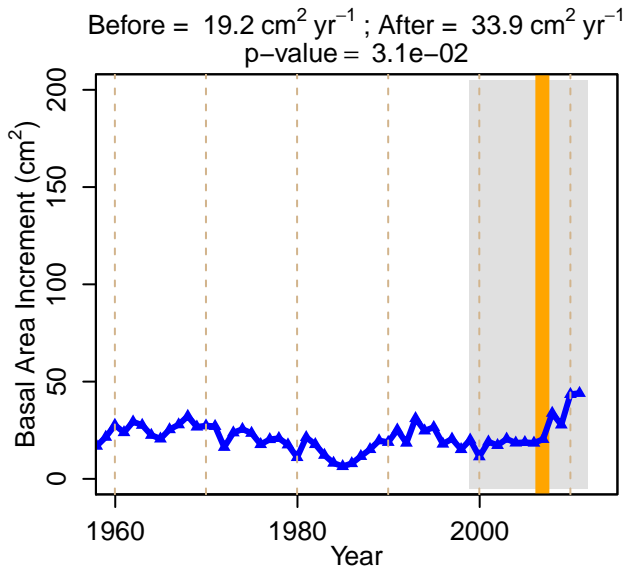
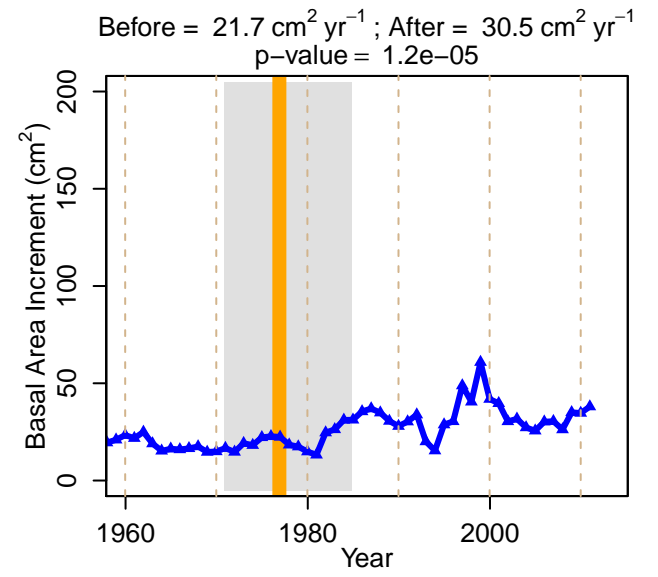
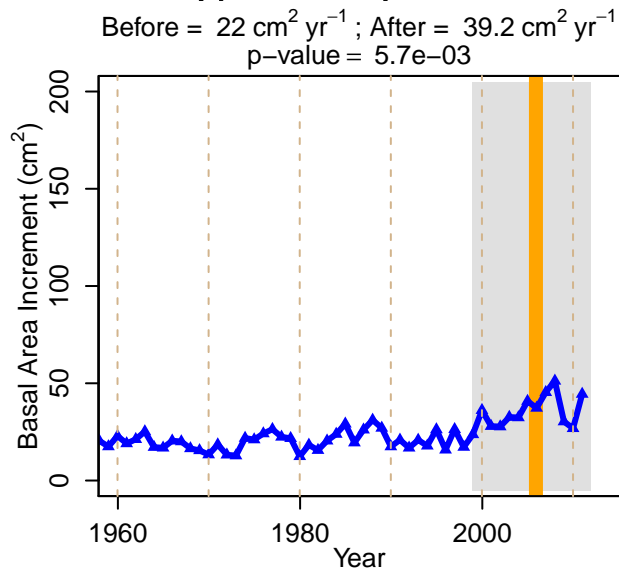
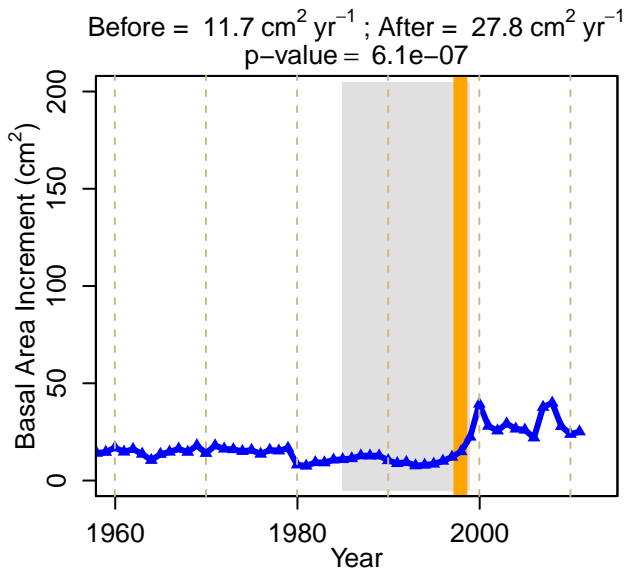
Before = $6.8 \text{ cm}^2 \text{ yr}^{-1}$; After = $27.2 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $4.9e-07$



Typical Response

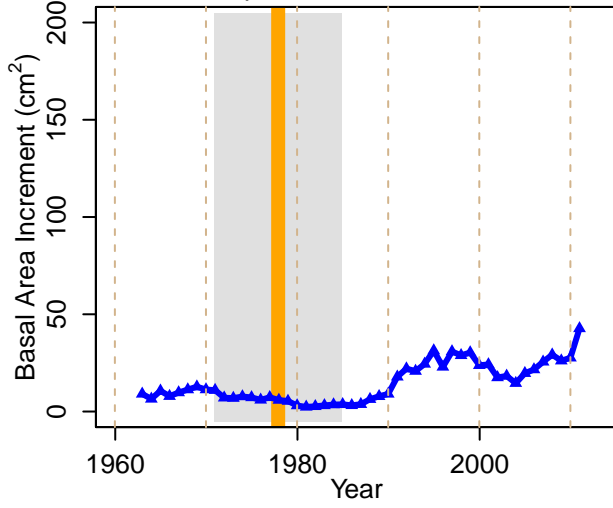


Typical Response

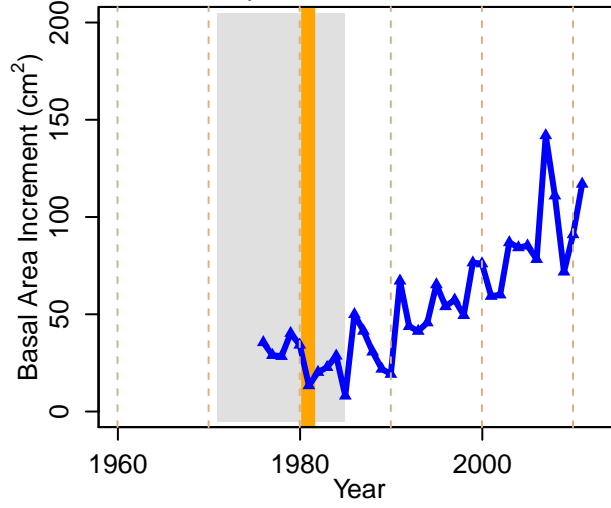


Typical Response

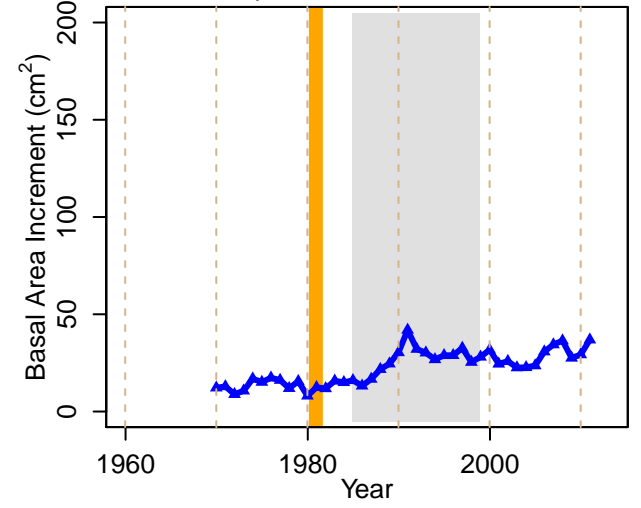
Before = $8.8 \text{ cm}^2 \text{ yr}^{-1}$; After = $17.1 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.9\text{e-}04$



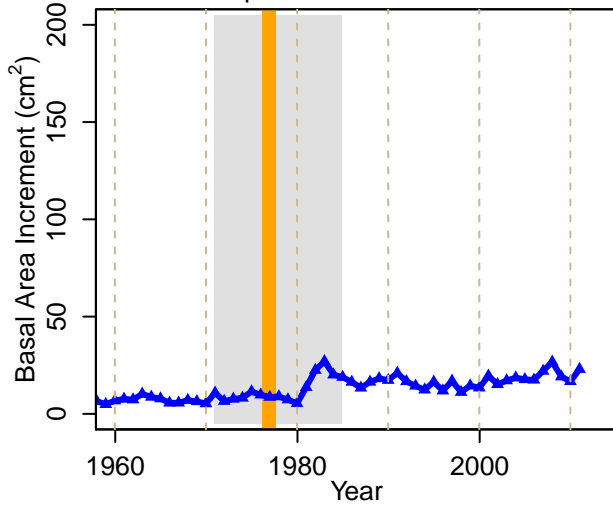
Before = $33.5 \text{ cm}^2 \text{ yr}^{-1}$; After = $58.7 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $2.4\text{e-}04$



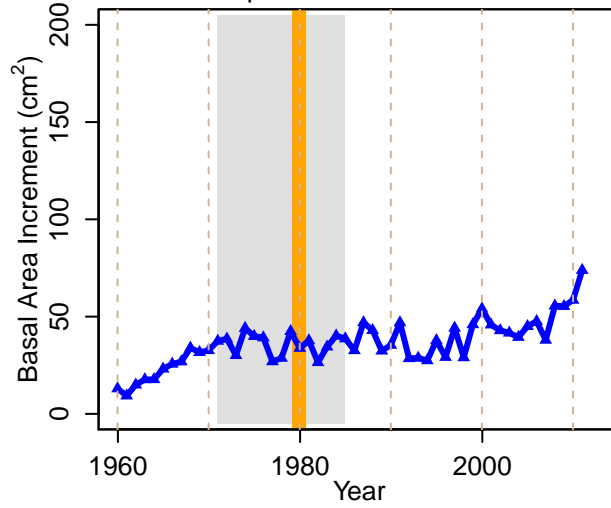
Before = $13.3 \text{ cm}^2 \text{ yr}^{-1}$; After = $25.8 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $5.7\text{e-}09$



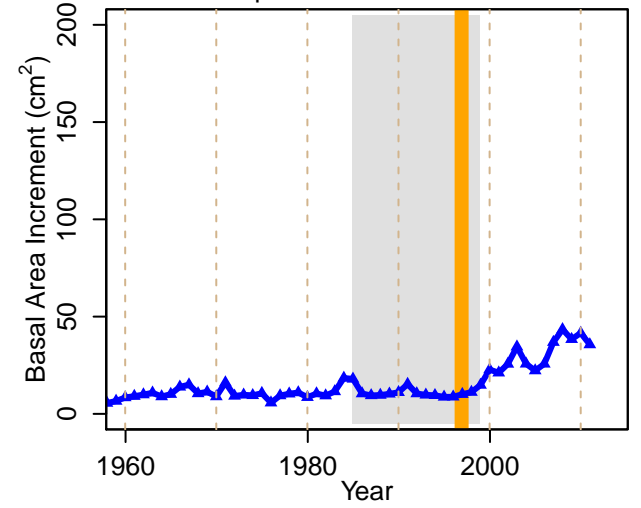
Before = $7.7 \text{ cm}^2 \text{ yr}^{-1}$; After = $16.4 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.5\text{e-}12$



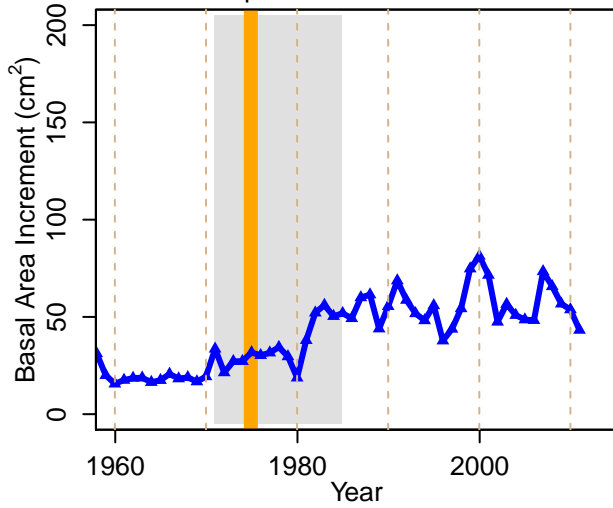
Before = $28.7 \text{ cm}^2 \text{ yr}^{-1}$; After = $41.1 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.3\text{e-}04$



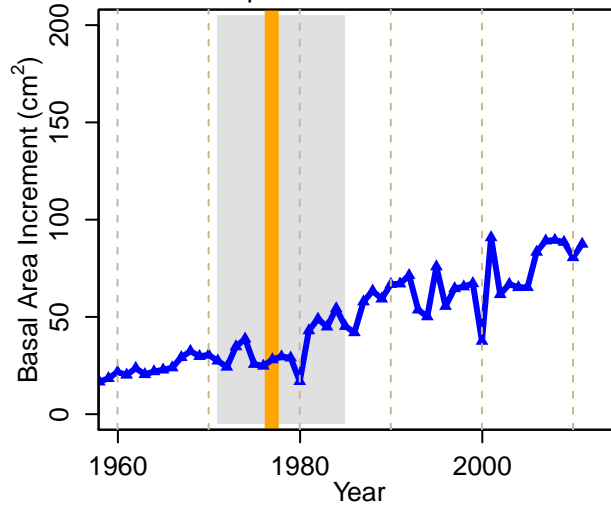
Before = $9.7 \text{ cm}^2 \text{ yr}^{-1}$; After = $27.3 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.6\text{e-}05$



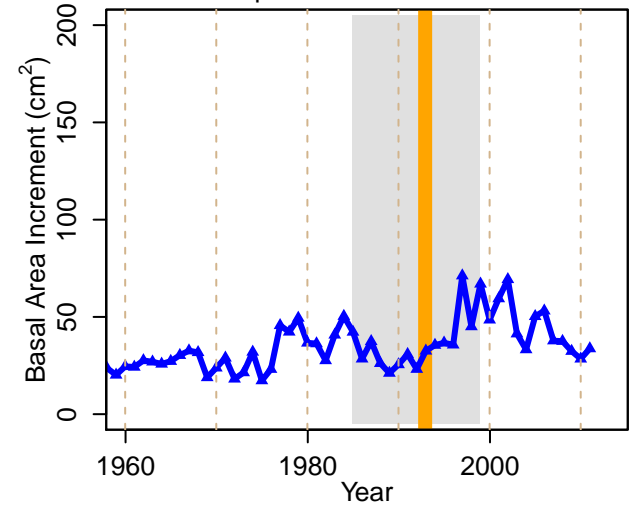
Before = $20.3 \text{ cm}^2 \text{ yr}^{-1}$; After = $51 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.2\text{e-}16$



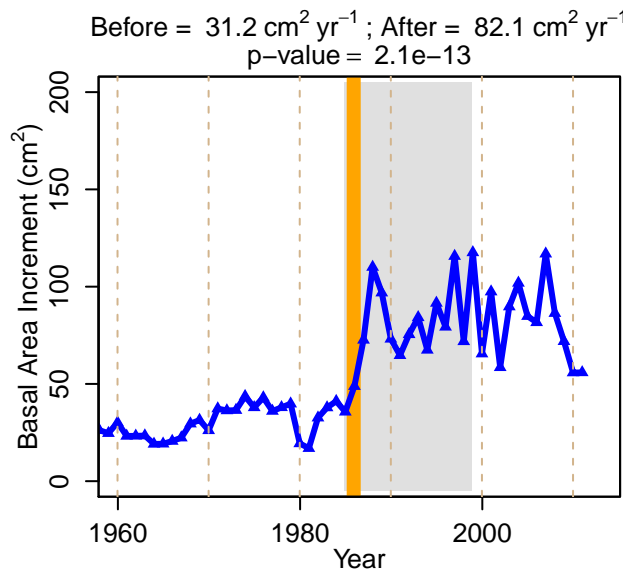
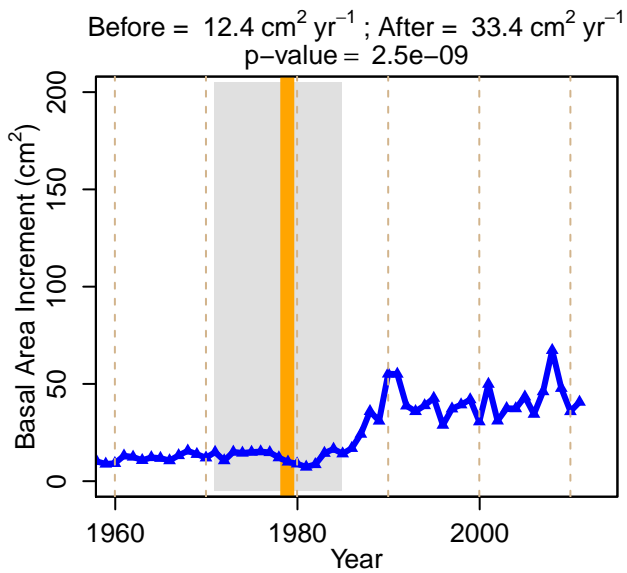
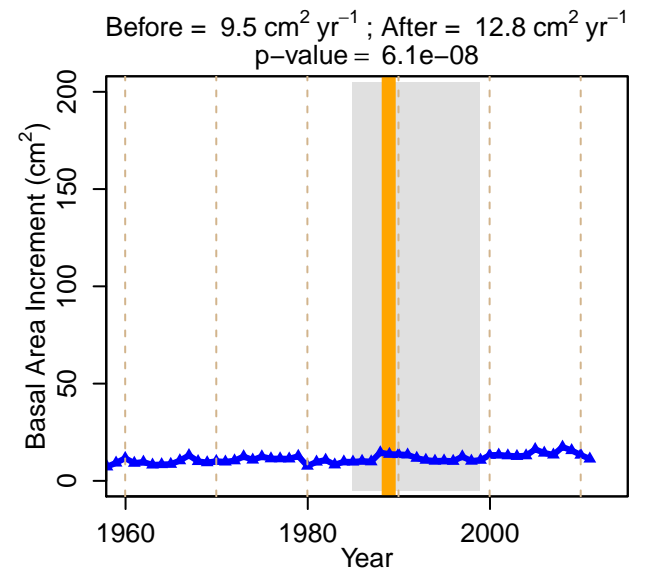
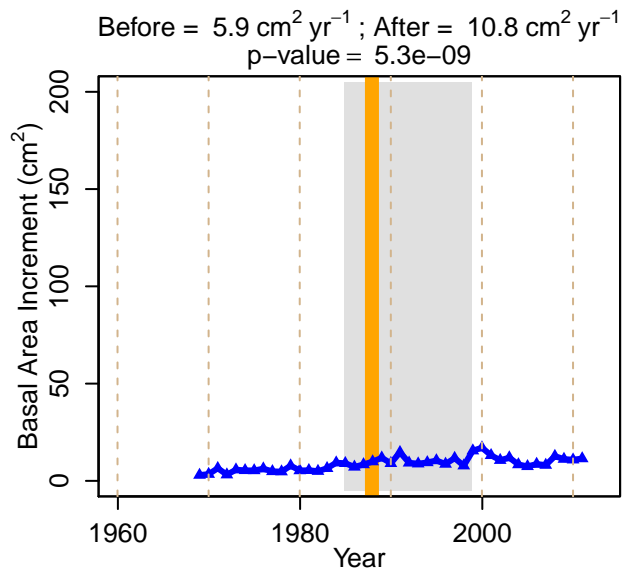
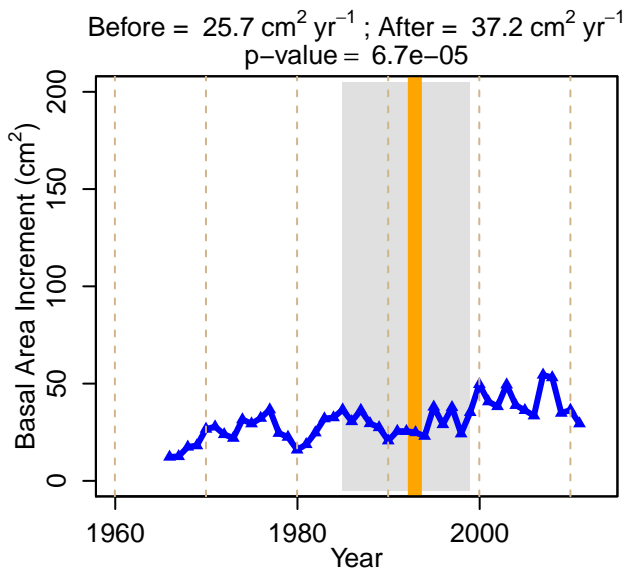
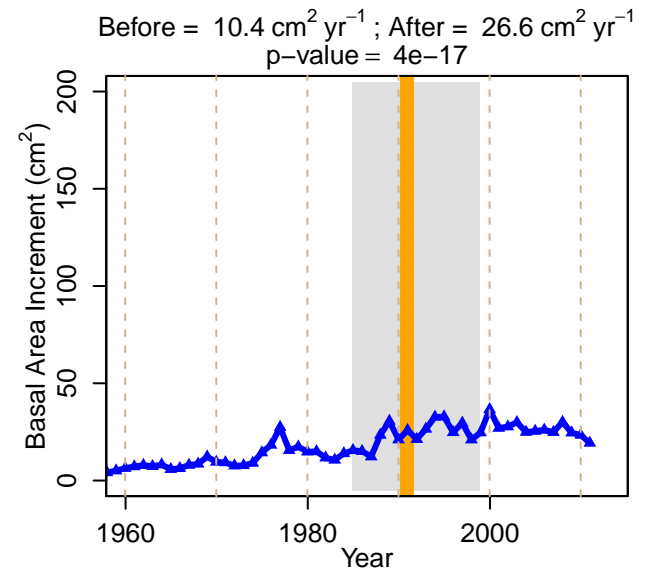
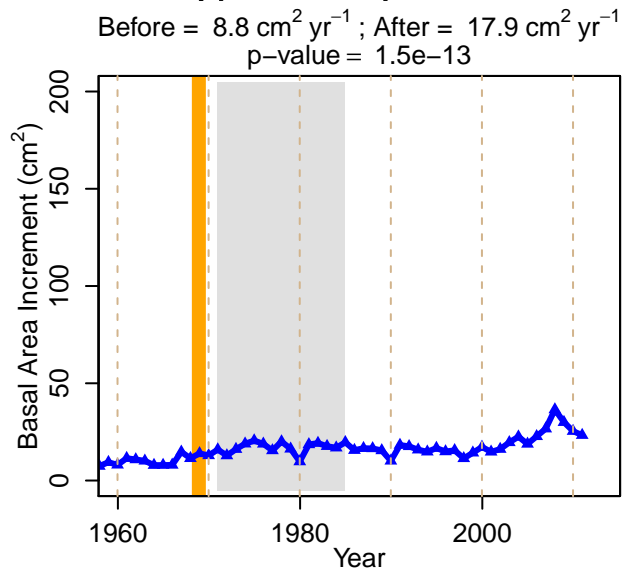
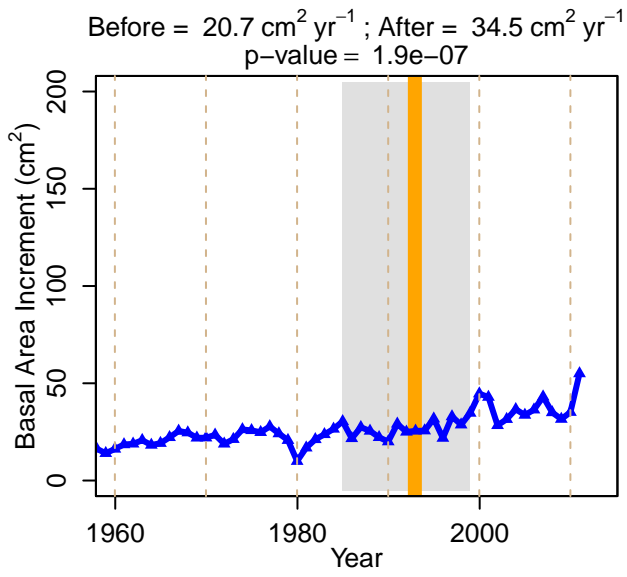
Before = $21.1 \text{ cm}^2 \text{ yr}^{-1}$; After = $60.2 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.6\text{e-}14$



Before = $24 \text{ cm}^2 \text{ yr}^{-1}$; After = $44.7 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $2.3\text{e-}06$

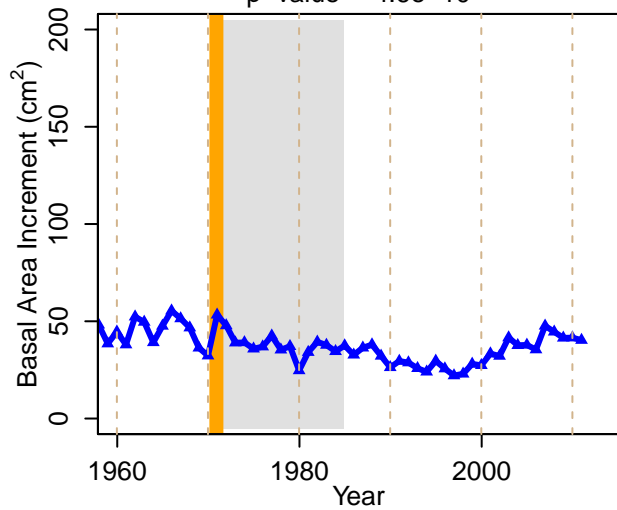


Typical Response

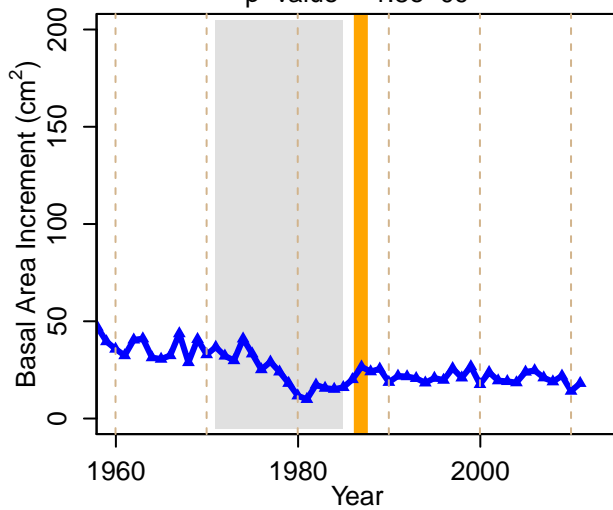


Negative/No Response

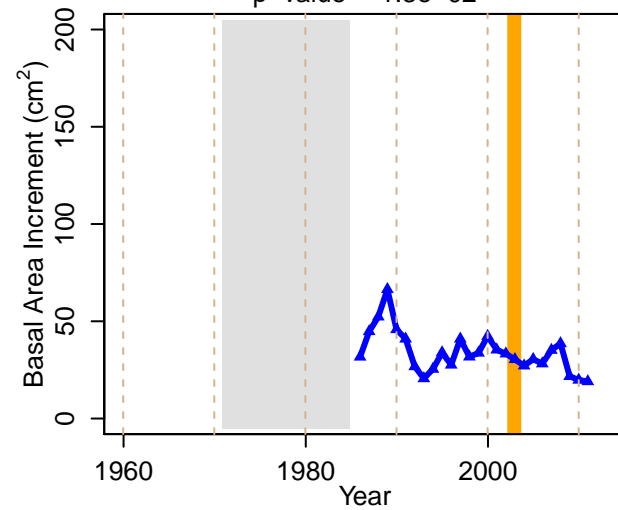
Before = $48 \text{ cm}^2 \text{ yr}^{-1}$; After = $35.1 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $4.6\text{e-}10$



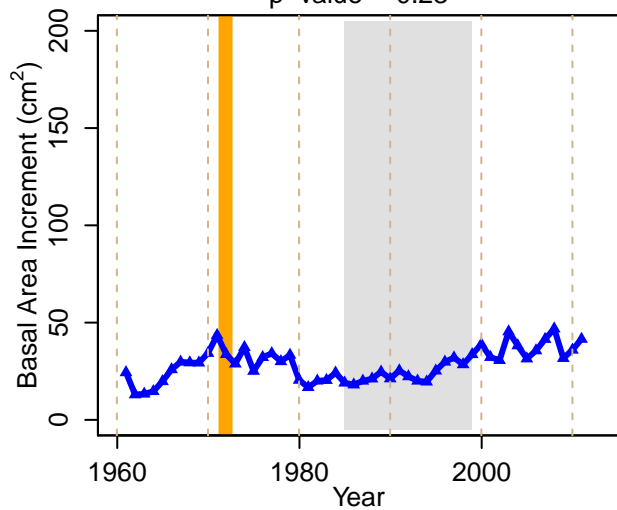
Before = $35.1 \text{ cm}^2 \text{ yr}^{-1}$; After = $21.3 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.8\text{e-}09$



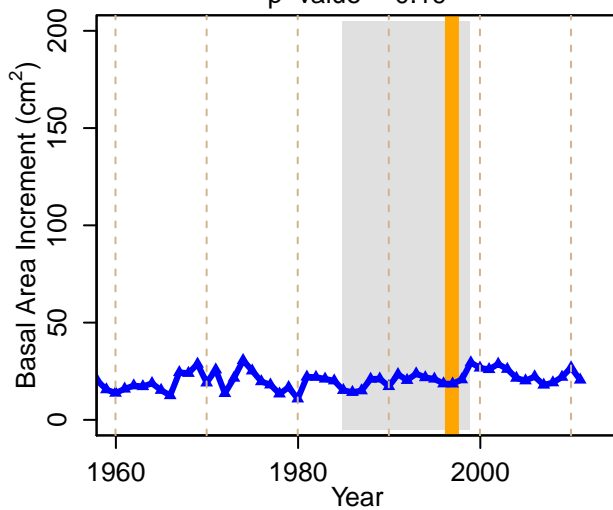
Before = $37.3 \text{ cm}^2 \text{ yr}^{-1}$; After = $27.8 \text{ cm}^2 \text{ yr}^{-1}$
p-value = $1.3\text{e-}02$



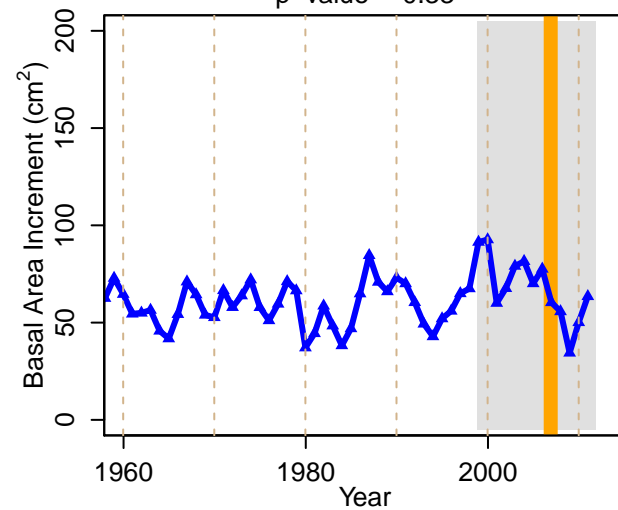
Before = $25.2 \text{ cm}^2 \text{ yr}^{-1}$; After = $29.2 \text{ cm}^2 \text{ yr}^{-1}$
p-value = 0.23



Before = $20.8 \text{ cm}^2 \text{ yr}^{-1}$; After = $23.1 \text{ cm}^2 \text{ yr}^{-1}$
p-value = 0.19

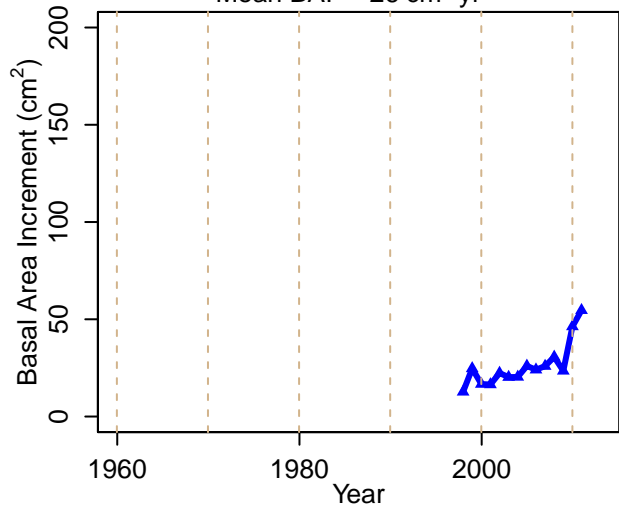


Before = $58.6 \text{ cm}^2 \text{ yr}^{-1}$; After = $52.8 \text{ cm}^2 \text{ yr}^{-1}$
p-value = 0.33

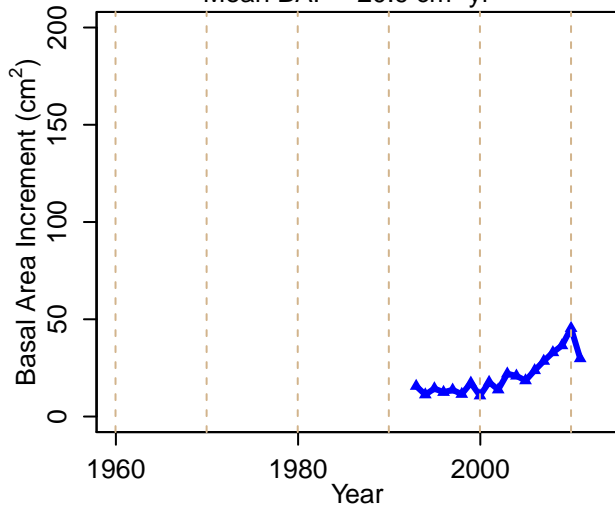


Stable Urban

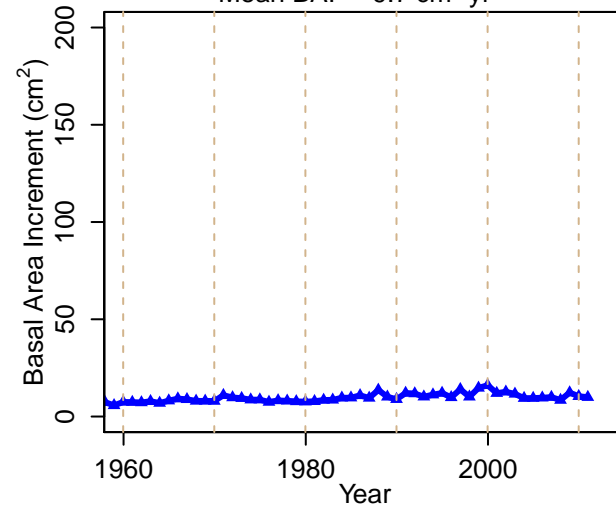
Mean BAI = $26 \text{ cm}^2 \text{ yr}^{-1}$



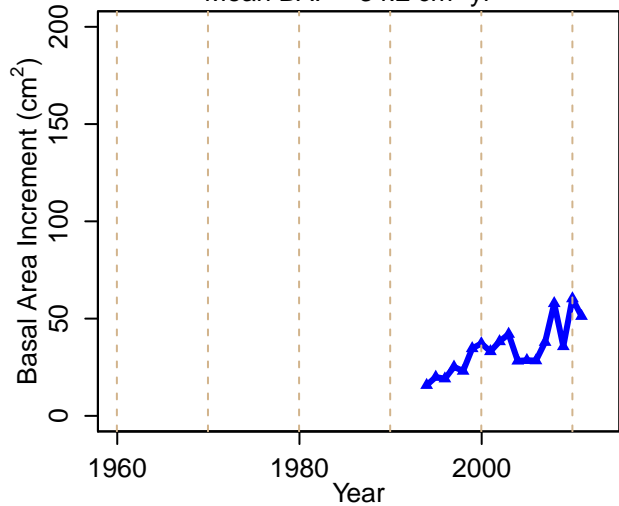
Mean BAI = $20.9 \text{ cm}^2 \text{ yr}^{-1}$



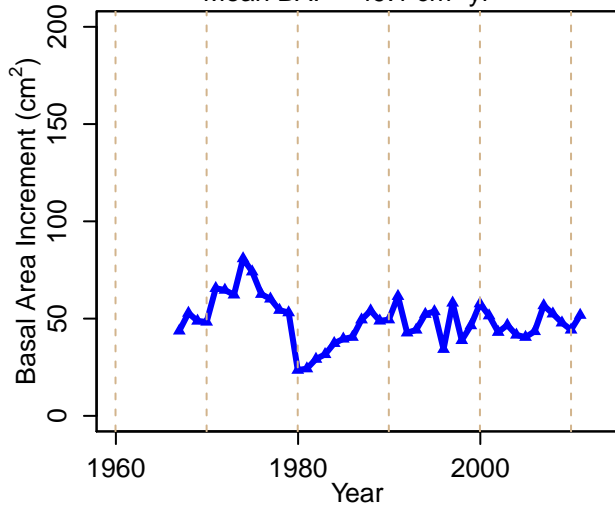
Mean BAI = $9.7 \text{ cm}^2 \text{ yr}^{-1}$



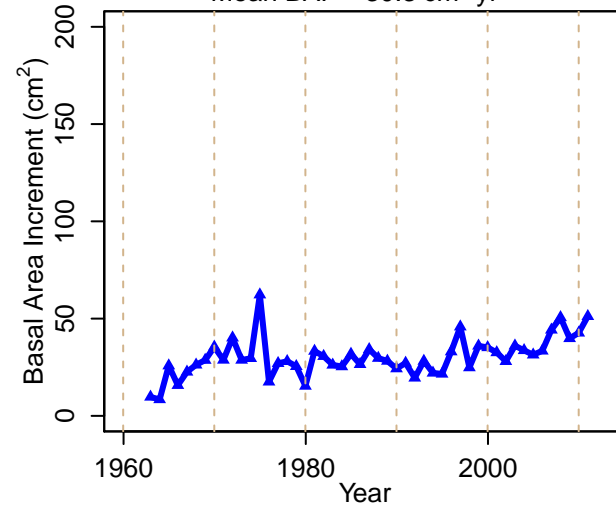
Mean BAI = $34.2 \text{ cm}^2 \text{ yr}^{-1}$



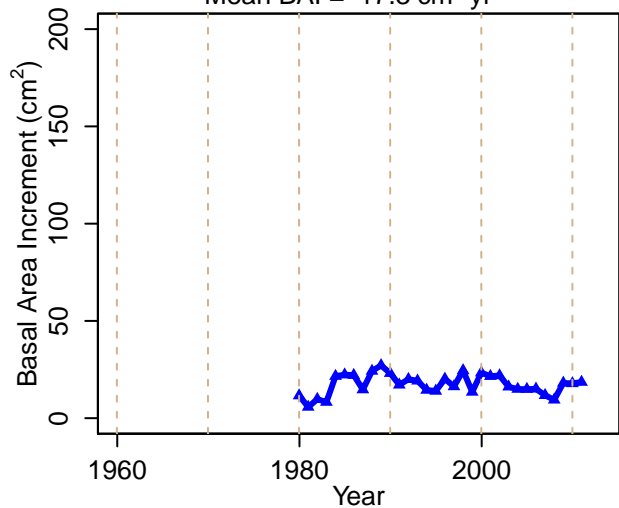
Mean BAI = $49.1 \text{ cm}^2 \text{ yr}^{-1}$



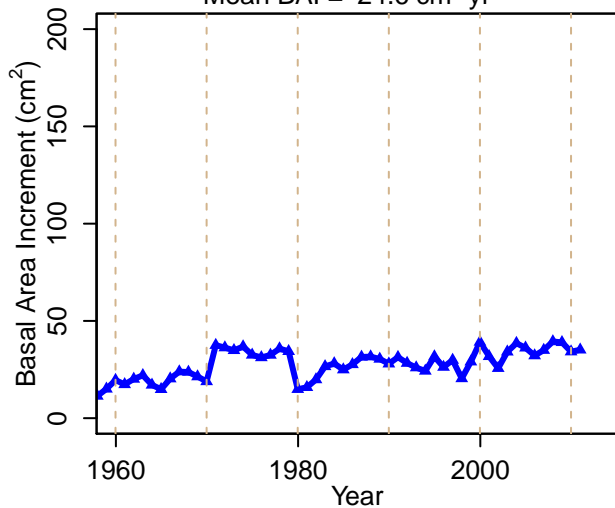
Mean BAI = $30.3 \text{ cm}^2 \text{ yr}^{-1}$



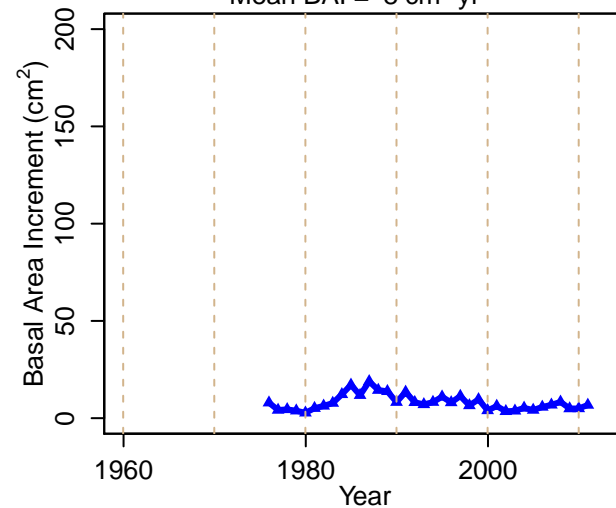
Mean BAI = $17.3 \text{ cm}^2 \text{ yr}^{-1}$



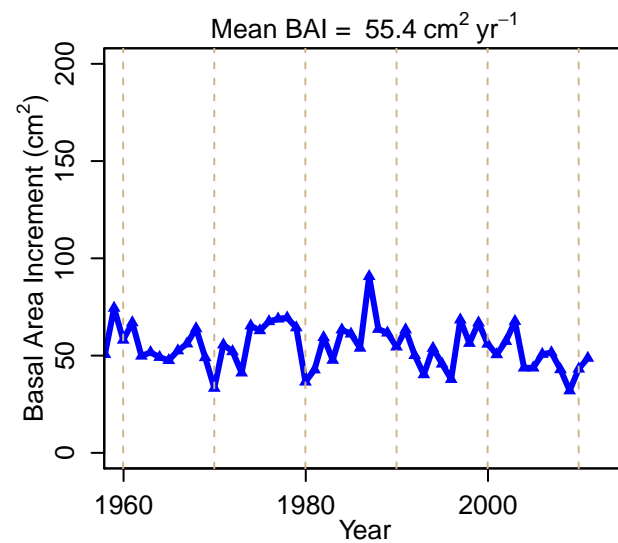
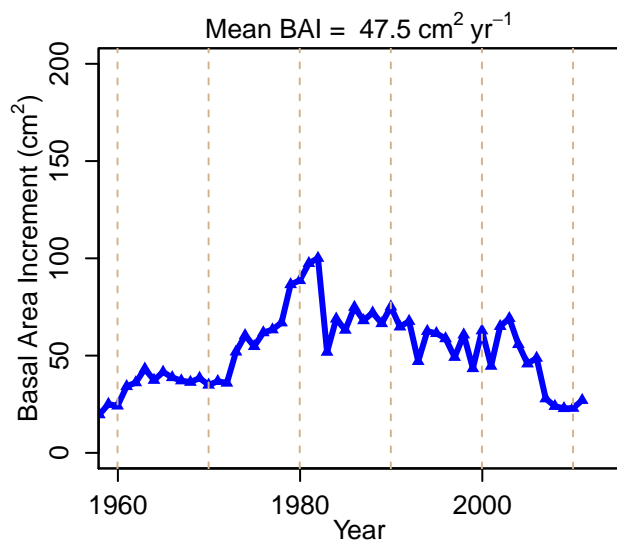
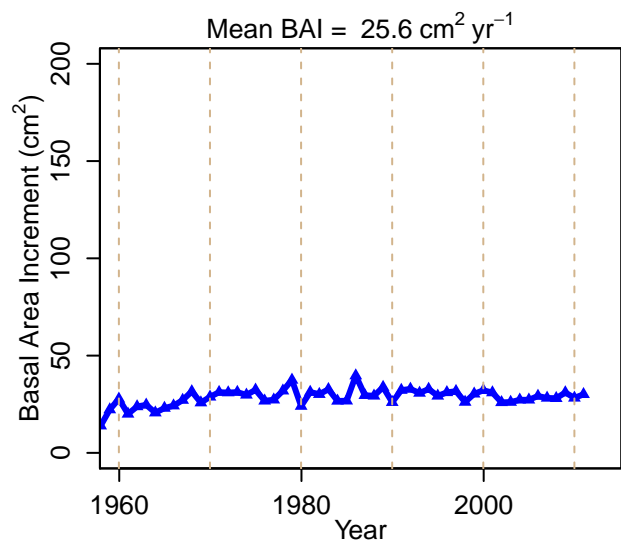
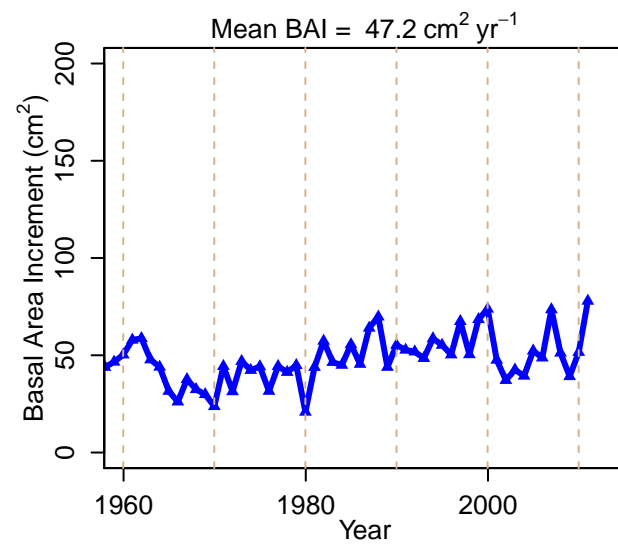
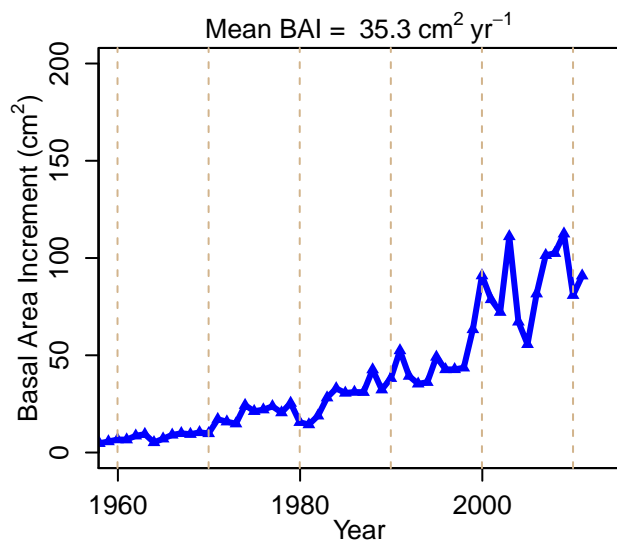
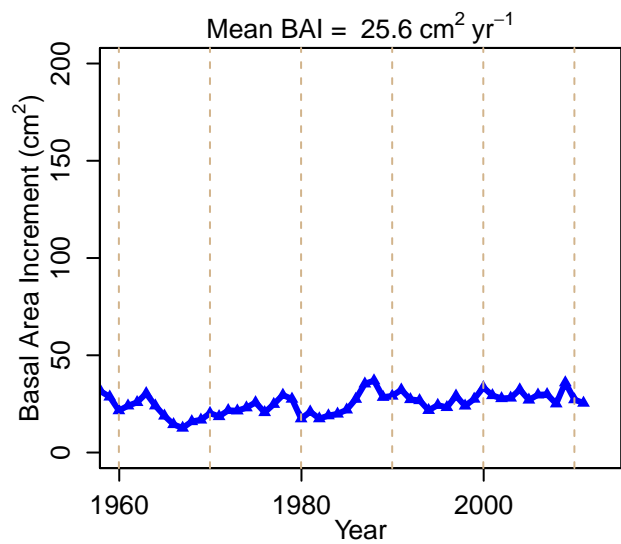
Mean BAI = $24.6 \text{ cm}^2 \text{ yr}^{-1}$



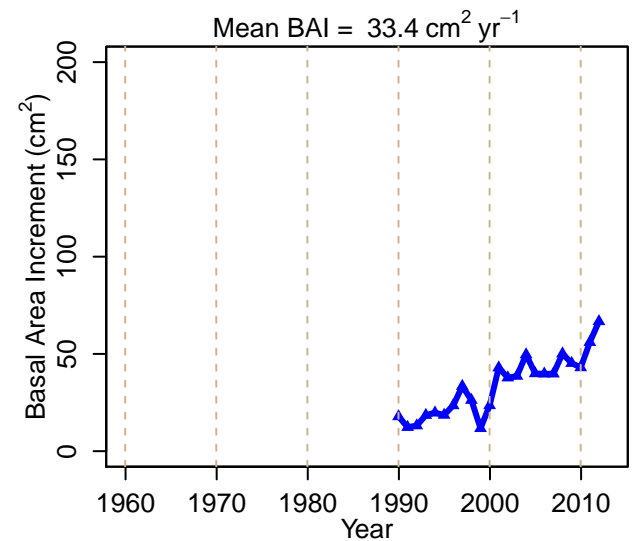
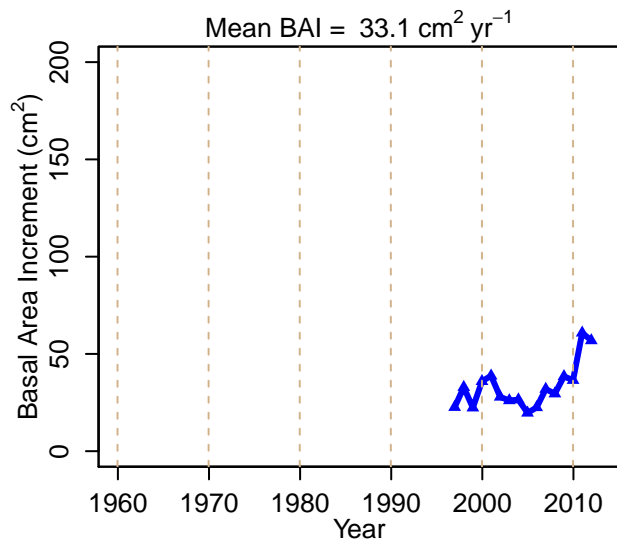
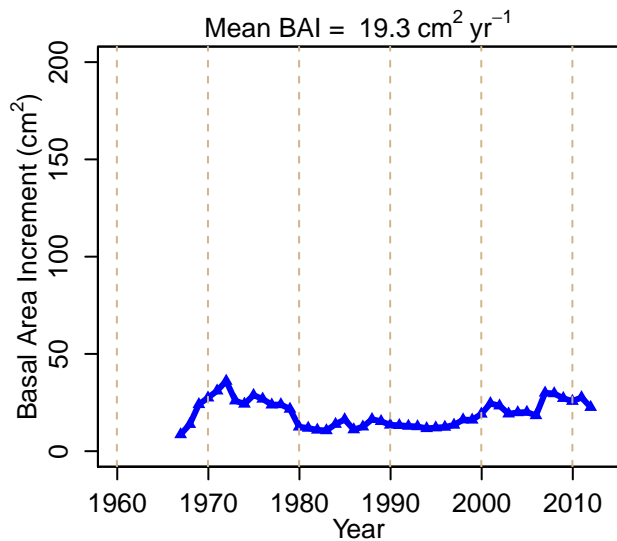
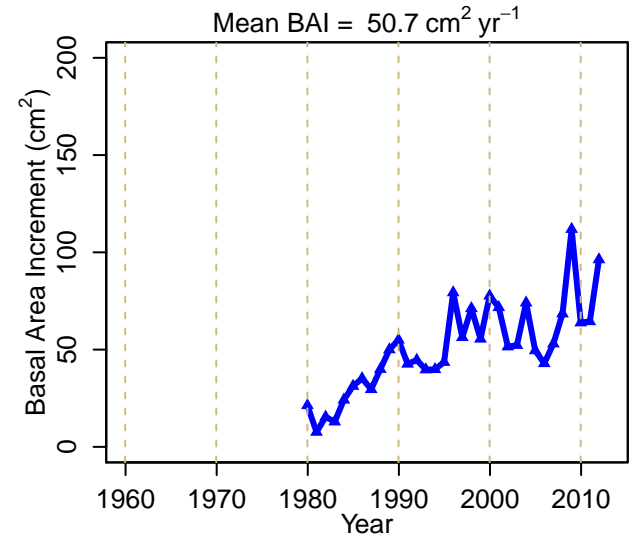
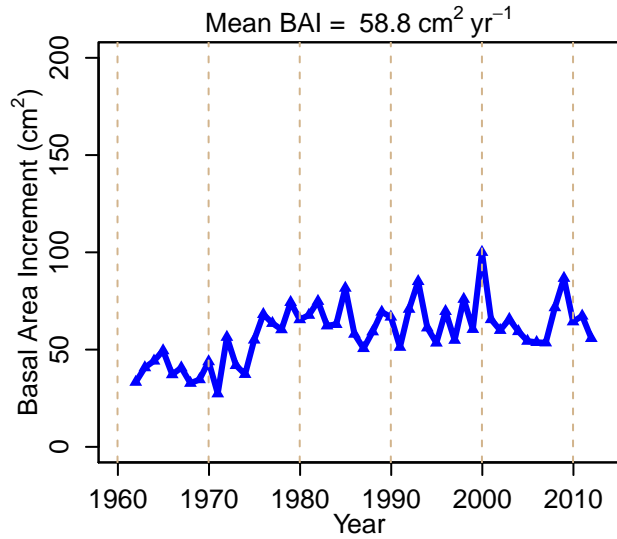
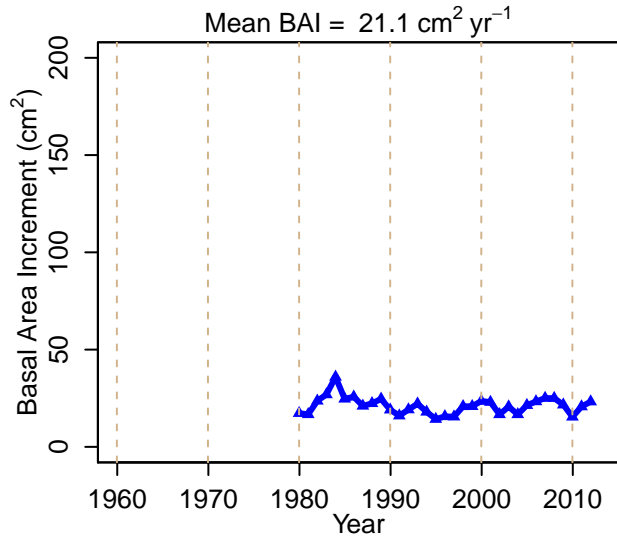
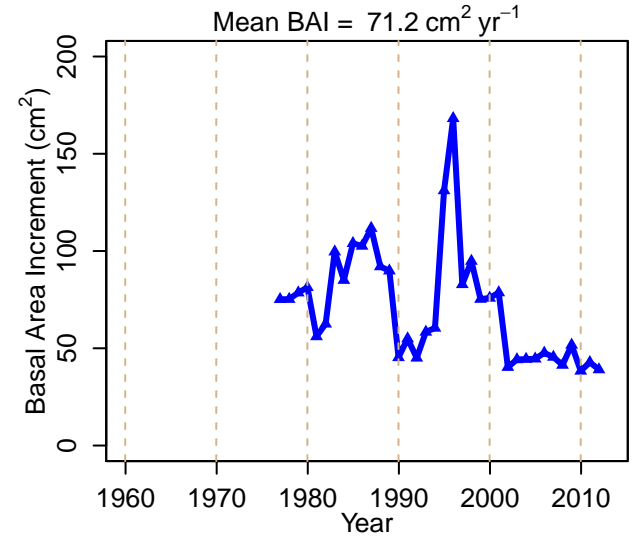
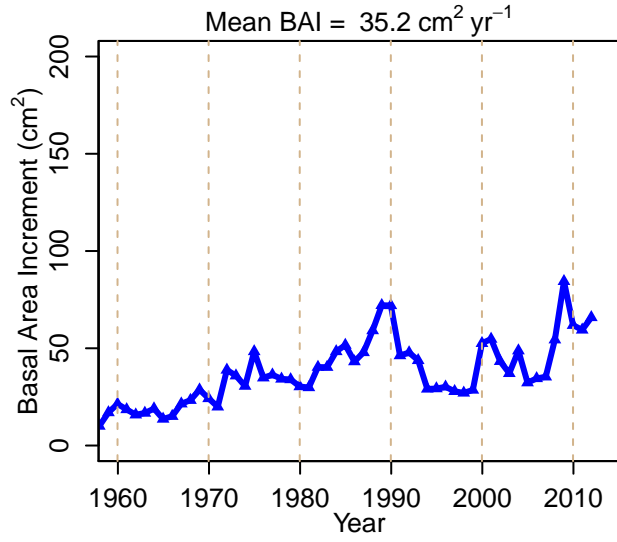
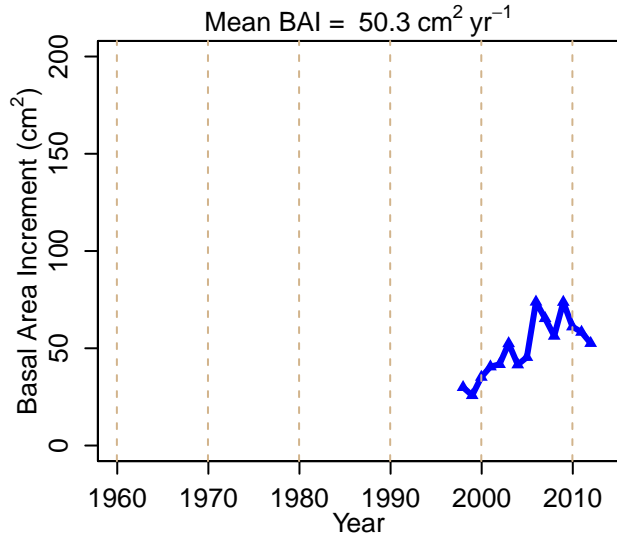
Mean BAI = $8 \text{ cm}^2 \text{ yr}^{-1}$



Stable Urban



Boston Street Trees



Boston Street Trees

