

IBC Model Verification

Sensitivity TXT Input

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Results: Mortality



```
1 ggplot(alltrtwl1%>% filter(EP=="Mortality" & HT == "Fixed"), aes(x=Time, y=Mean)) + annotat
```

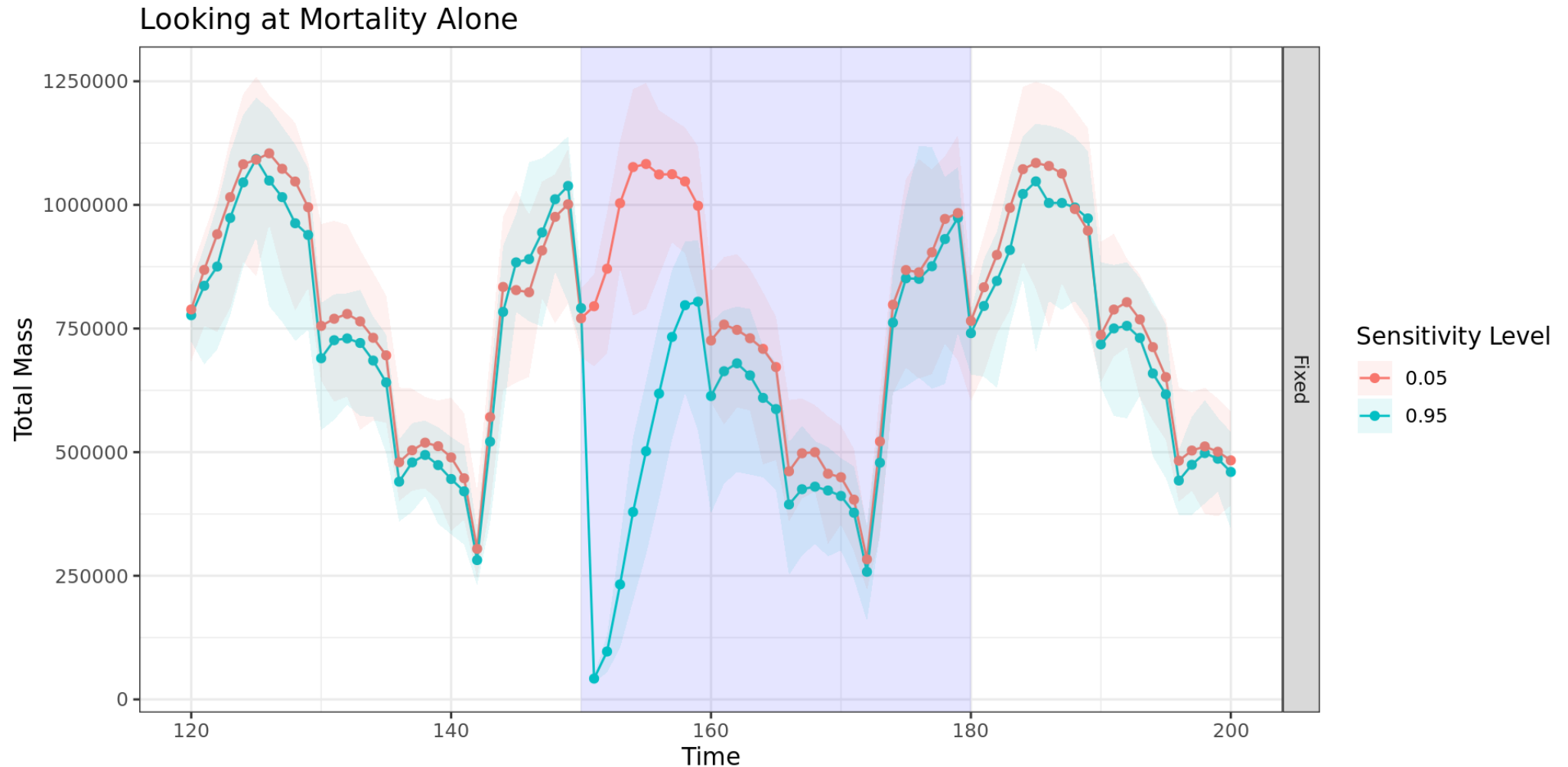


Figure 1: Total Mass Response with Mortality Effect

R-Ladies theme for Quarto Presentations. Code available on [GitHub](#).

Results: Effect parameters

```
1 ggplot(alltrtw1%>% filter(HT == "Fixed"), aes(x=Time, y=Mean)) + annotate("rect", xmin = 5
```

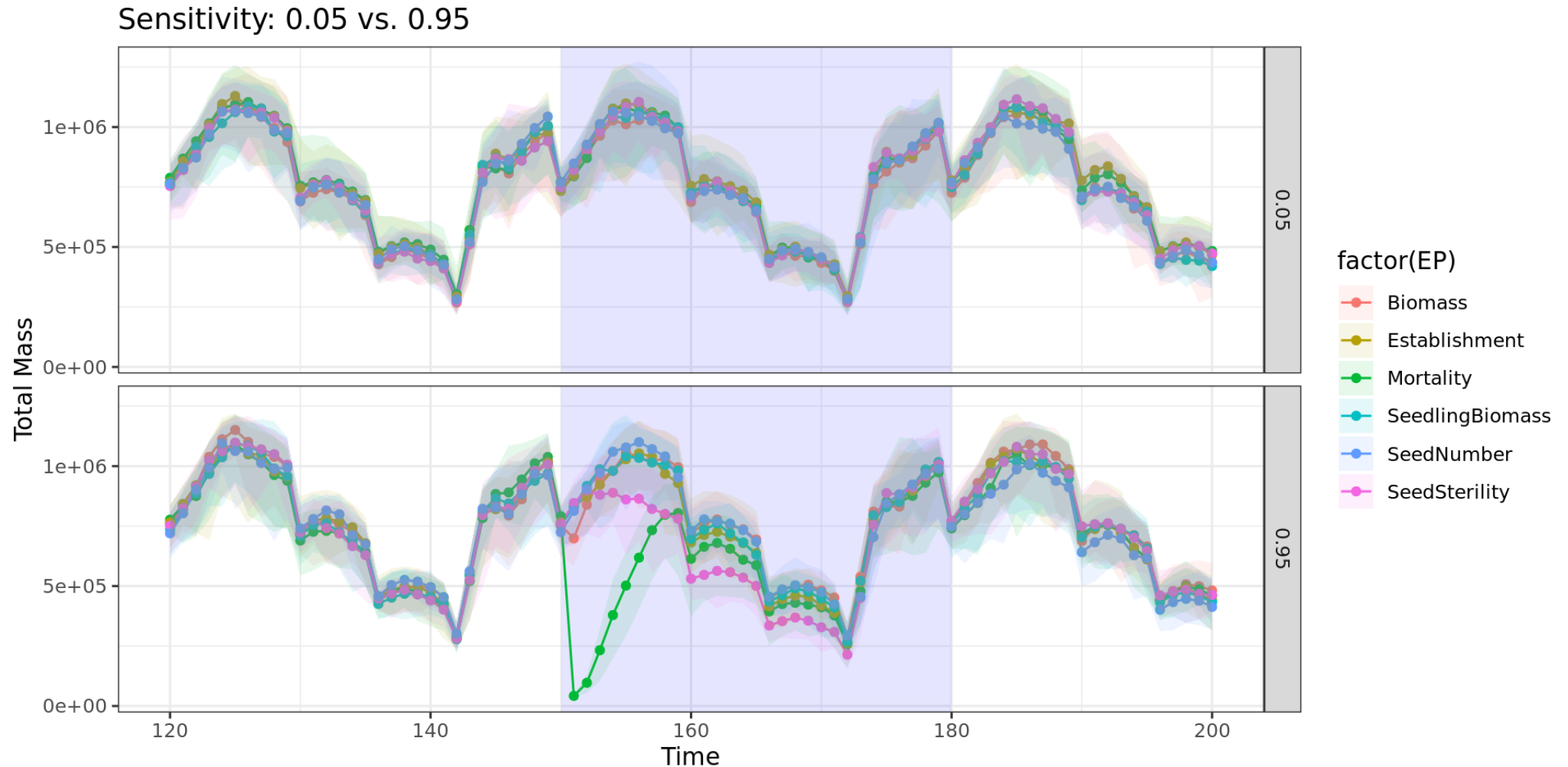


Figure 2: Total Mass Response with different Effects

R-Ladies theme for Quarto Presentations. Code available on [GitHub](#).

Looking at each EP



```
1 ggplot(alltrtw1%>% filter(HT == "Fixed"), aes(x=Time, y=Mean)) + annotate("rect", xmin = 5
```

Sensitivity==0.05 vs. 0.95

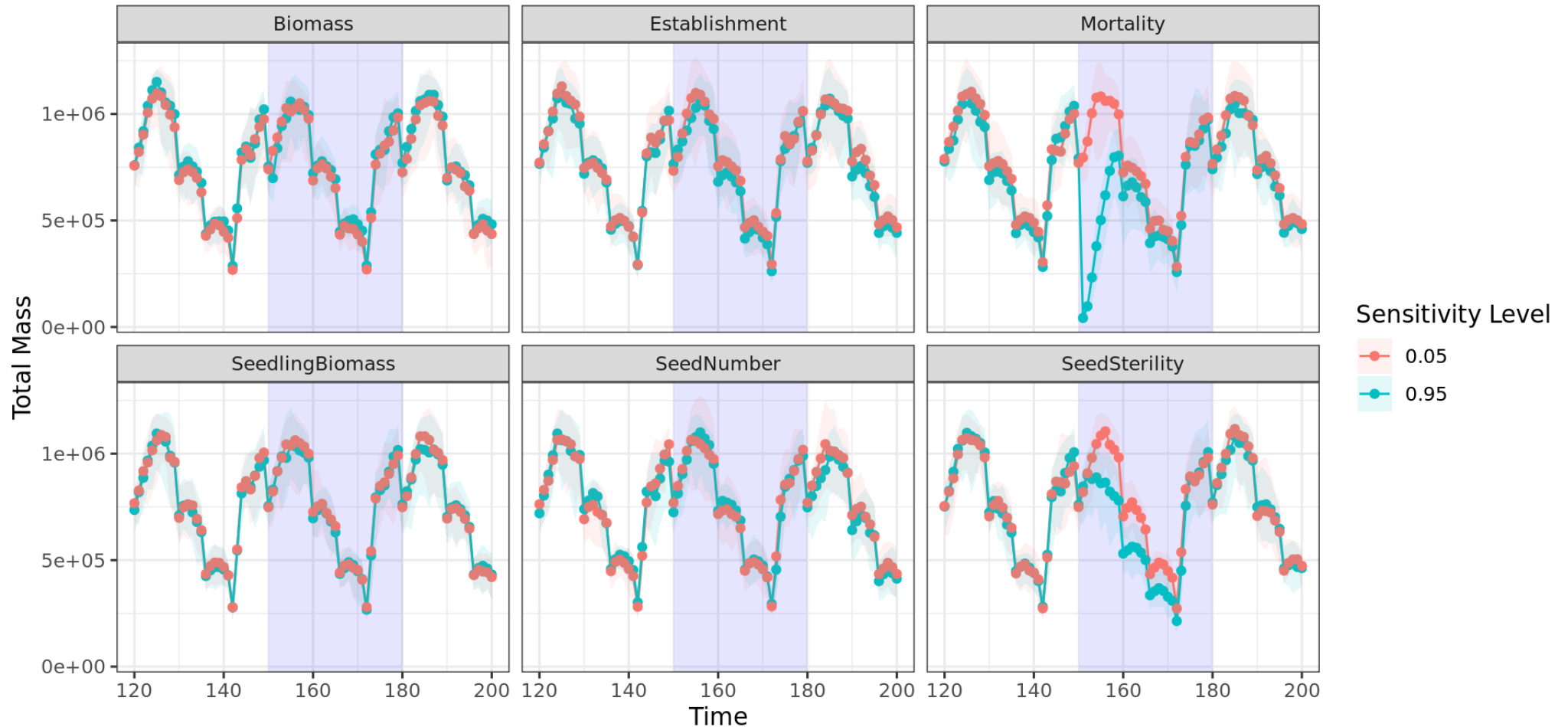


Figure 3: Total Mass Response with different Effects

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Above Mass



```
1 ggplot(alltrtw1%>% filter(HT == "Fixed"), aes(x=Time, y=Mean)) + annotate("rect", xmin = 5
```

Sensitivity==0.05 vs. 0.95

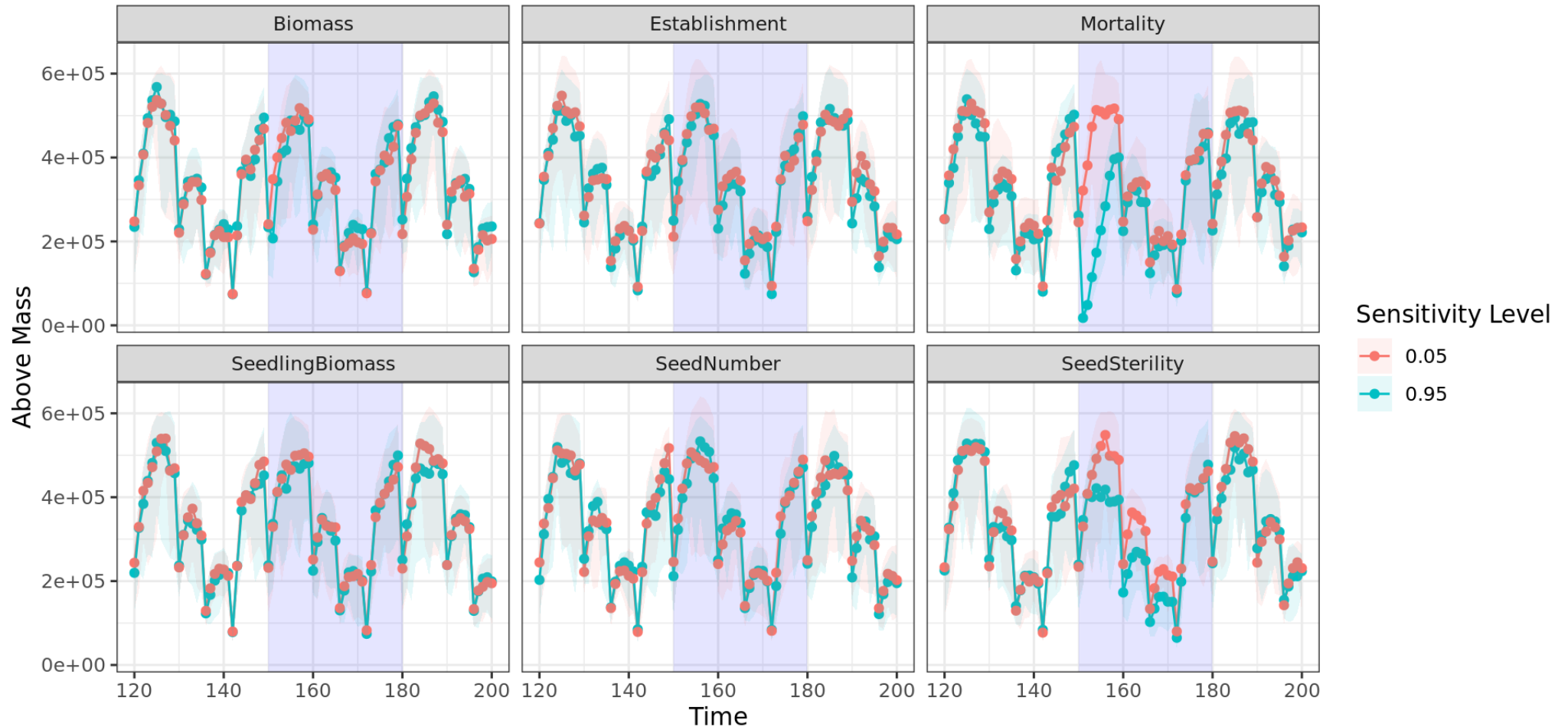


Figure 4: Total Mass Response with different Effects

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Below Mass



```
1 ggplot(alltrtw1%>% filter(HT == "Fixed"), aes(x=Time, y=Mean)) + annotate("rect", xmin = 5
```

Sensitivity: 0.05 vs. 0.95

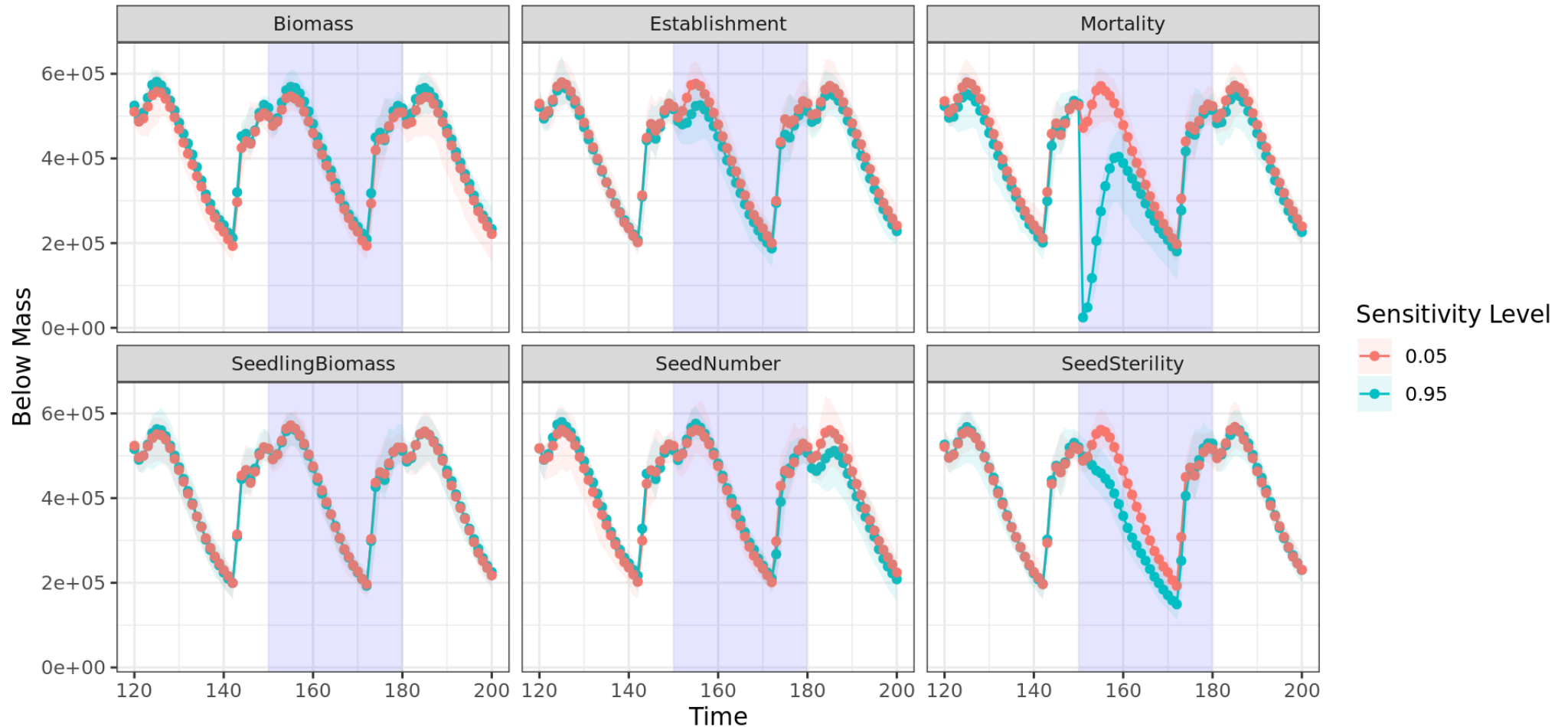


Figure 5: Above Mass Response with different Effects

```
1 ggplot(alltrtw1%>% filter(HT == "Fixed"), aes(x=Time, y=Mean)) + annotate("rect", xmin = 5
```

Sensitivity==0.05 vs. 0.95

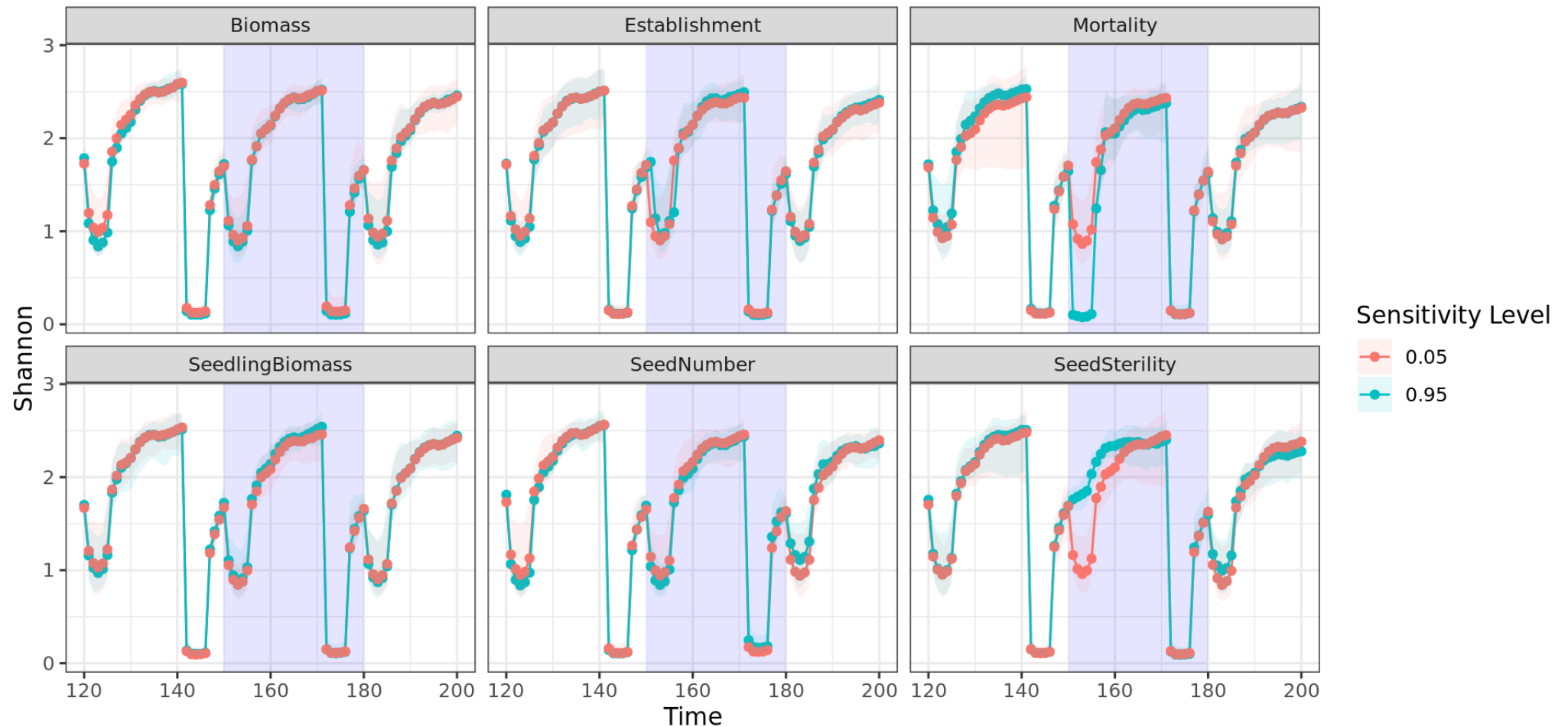


Figure 6: Shannon Response with different Effects

```
1 ggplot(alltrtw1%>% filter(HT == "Fixed"), aes(x=Time, y=Mean)) + annotate("rect", xmin = 5
```

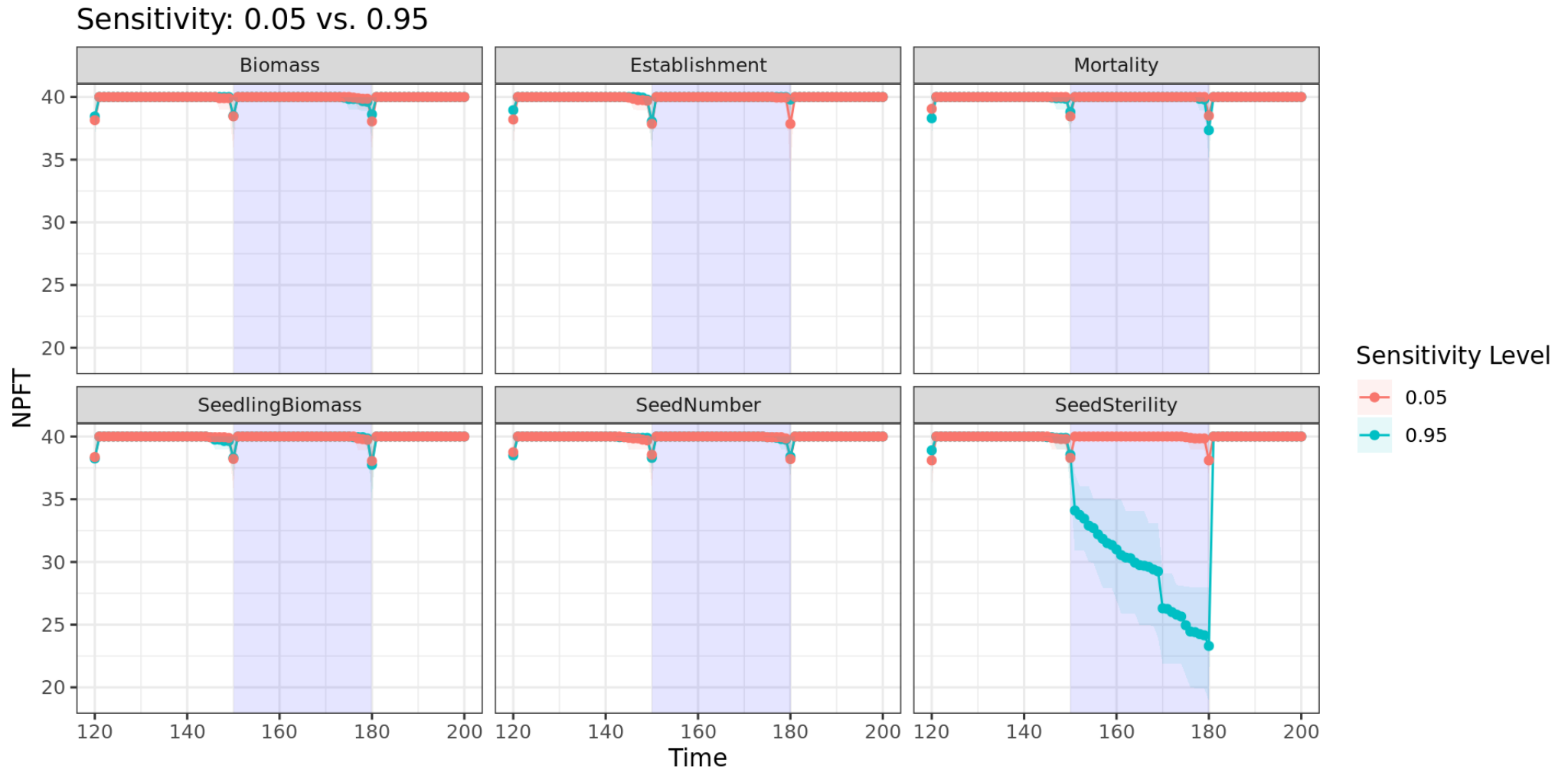


Figure 7: NPFT Response with different Effects

R-Ladies theme for Quarto Presentations. Code available on [GitHub](#).

Issues



