testingPower

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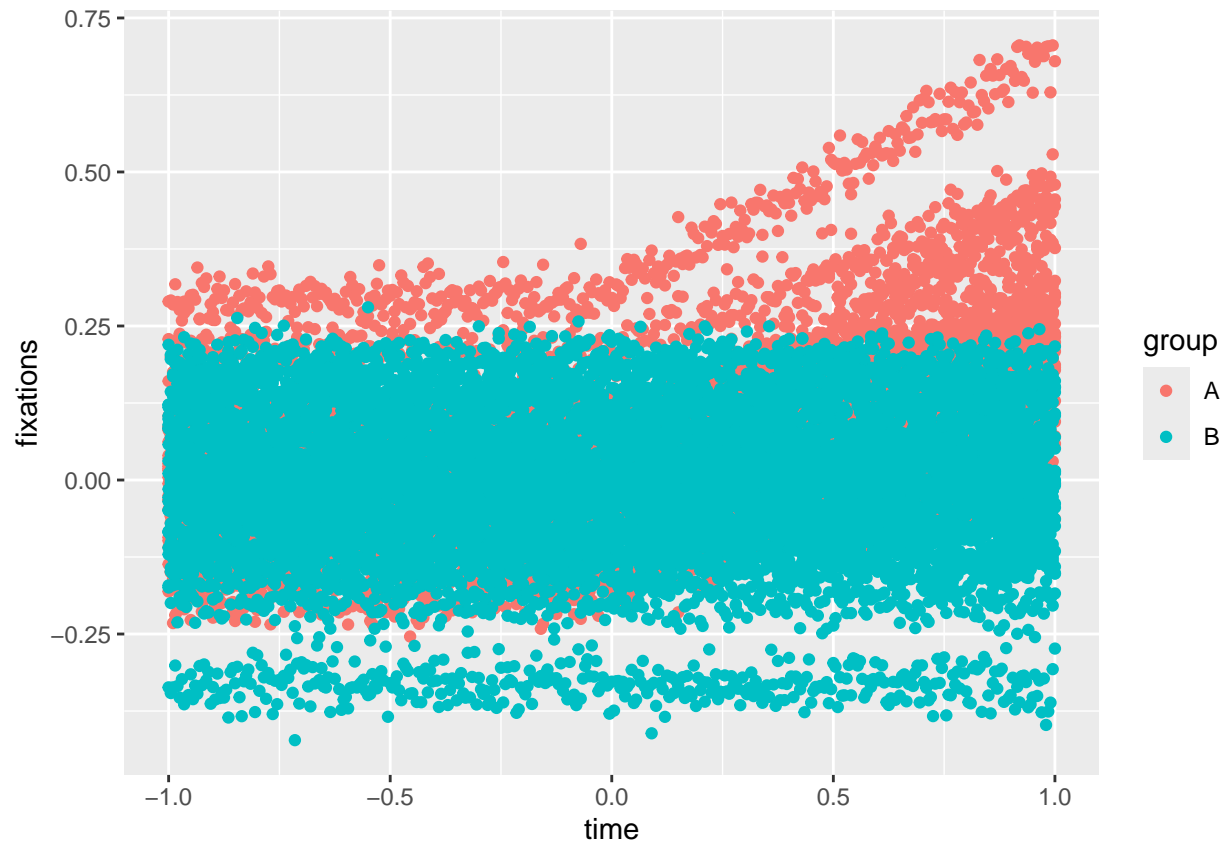
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For any given index

```r
idx <- 7
sidx <- sds[idx,]
slp <- sidx$slope
ppars <- c(0, slp)
dat <- createPlineData(manymeans = sidx$mm,
                       ar1 = FALSE,
                       distSig = sidx$sigVal,
                       paired = FALSE,
                       pars = ppars,
                       TIME = seq(-1,1, by = 0.005))
```

Check the data

```r
ggplot(dat, aes(time, fixations, color = group)) + geom_point()
```
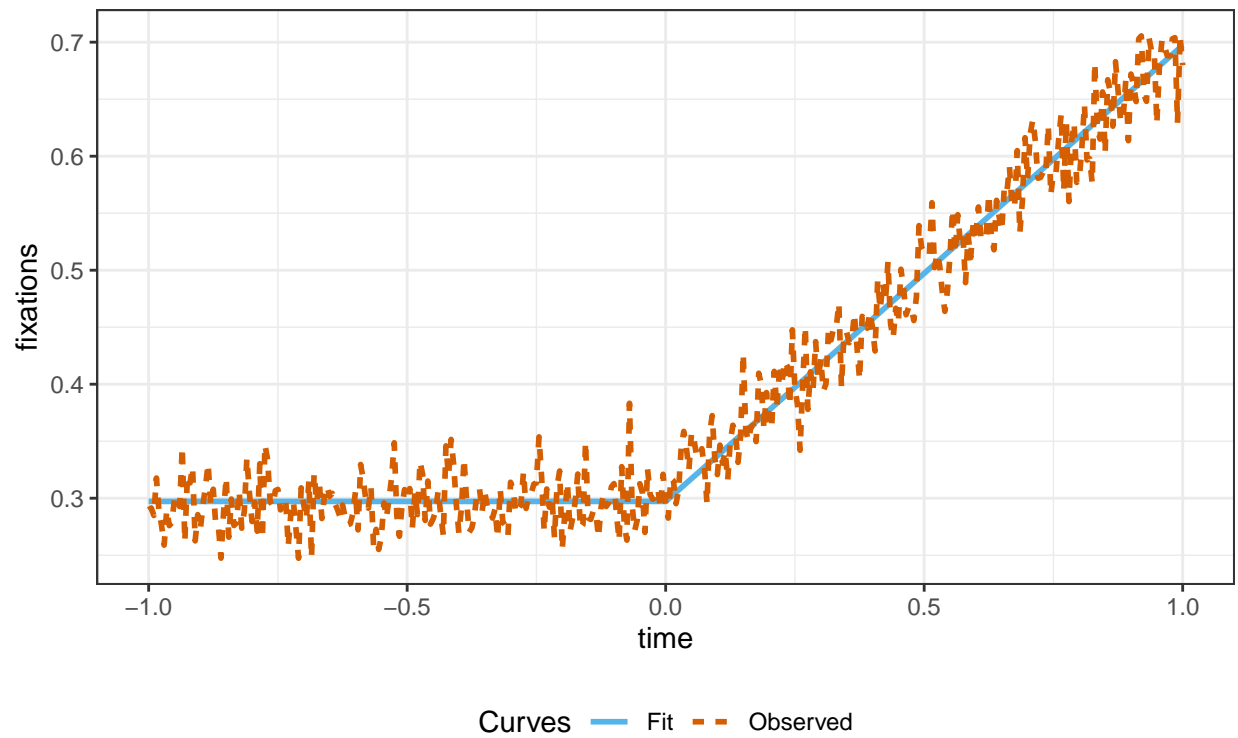
See if the generated line looks good

```
fit <- bfit(data = dat,
            y = "fixations",
            group = "group",
            subject = "id",
            time = "time",
            curveFun = plinePars(),
            cores = detectCores() - 1L,
            cor = FALSE)
# they look quite different among different
# trials
# GROUP A
plot(fit[1,])
```
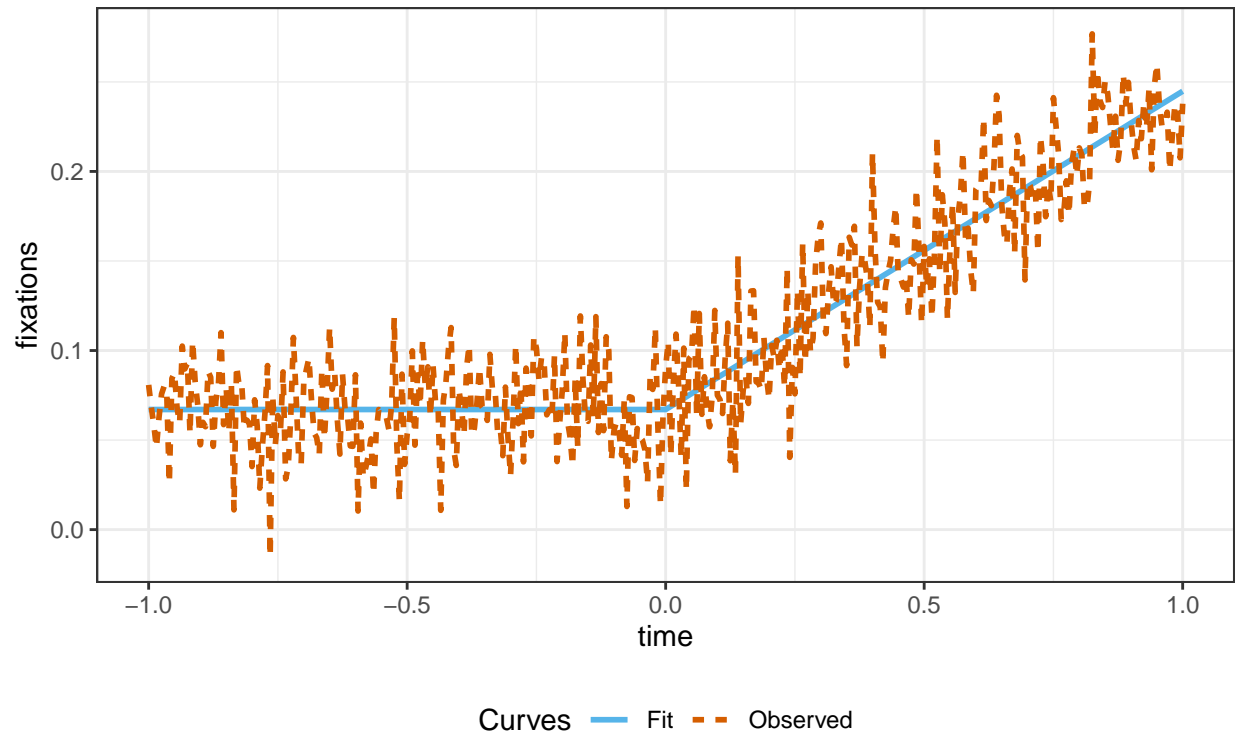
1 A
fitCode = 0, R2 = 0.968
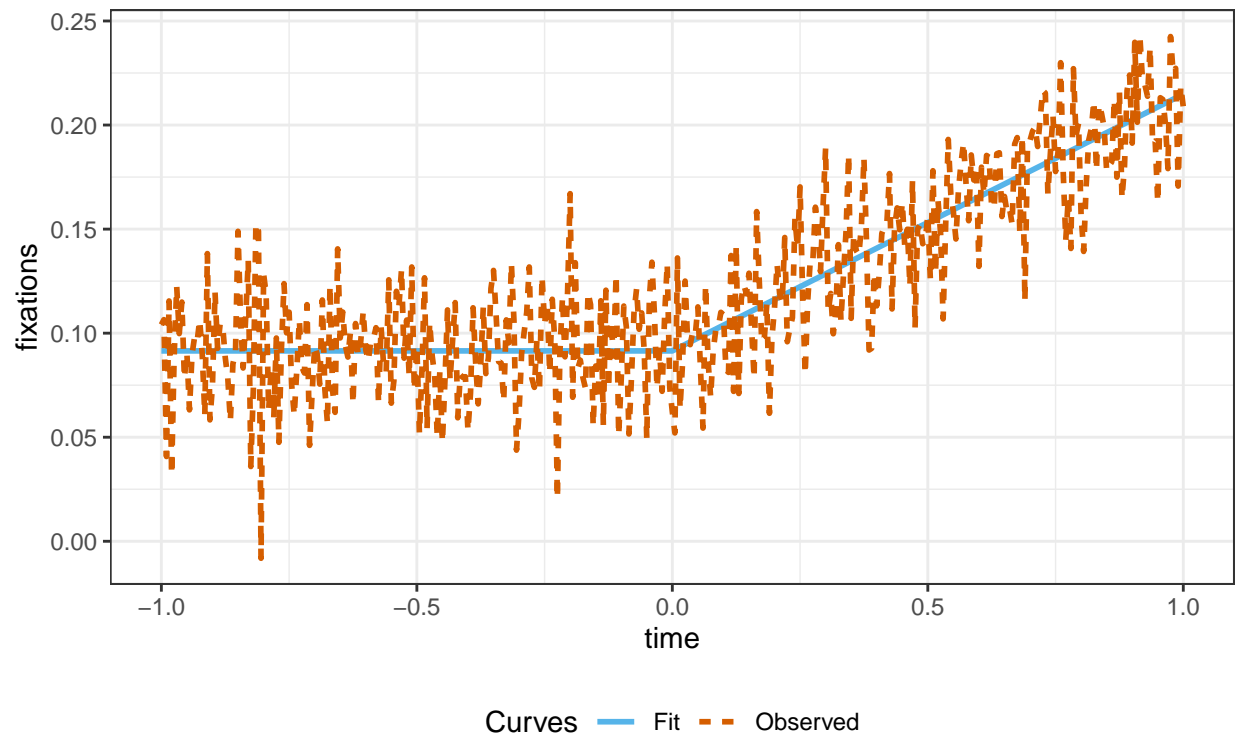
```
plot(fit[2,])
```

2 A
fitCode = 1, R2 = 0.838
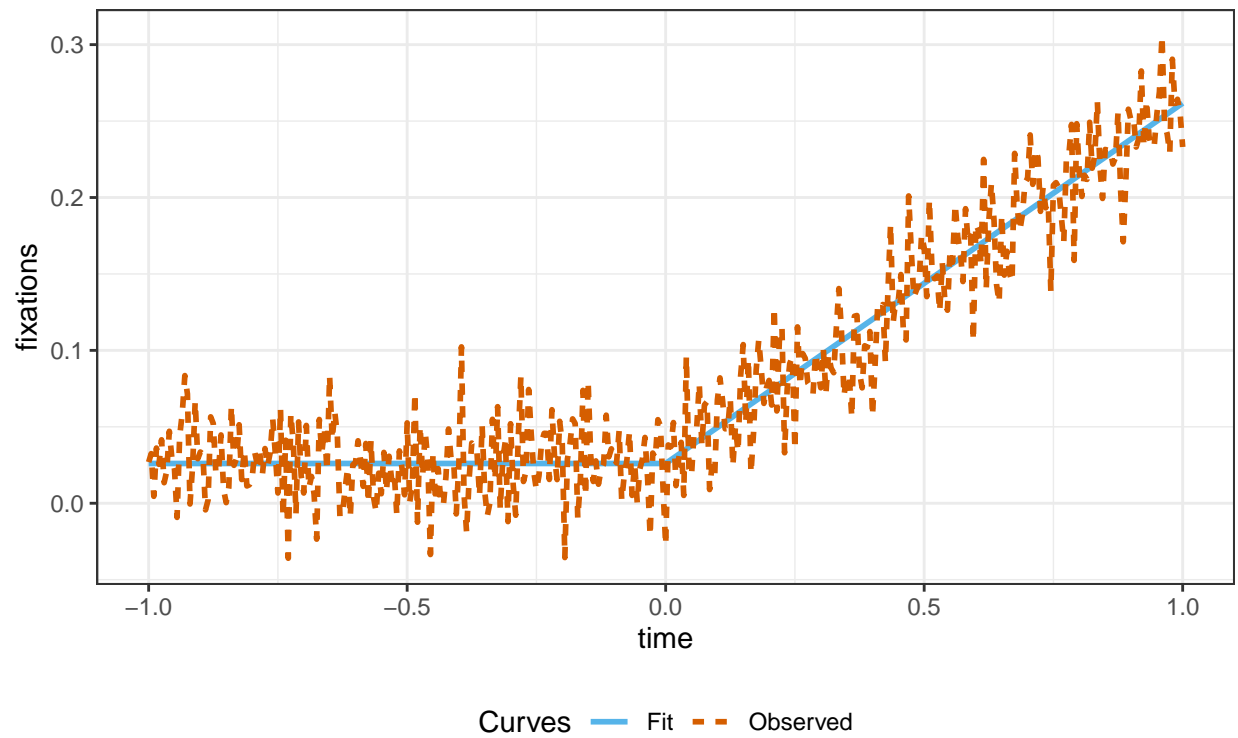


```r
plot(fit[3,])
```

3 A
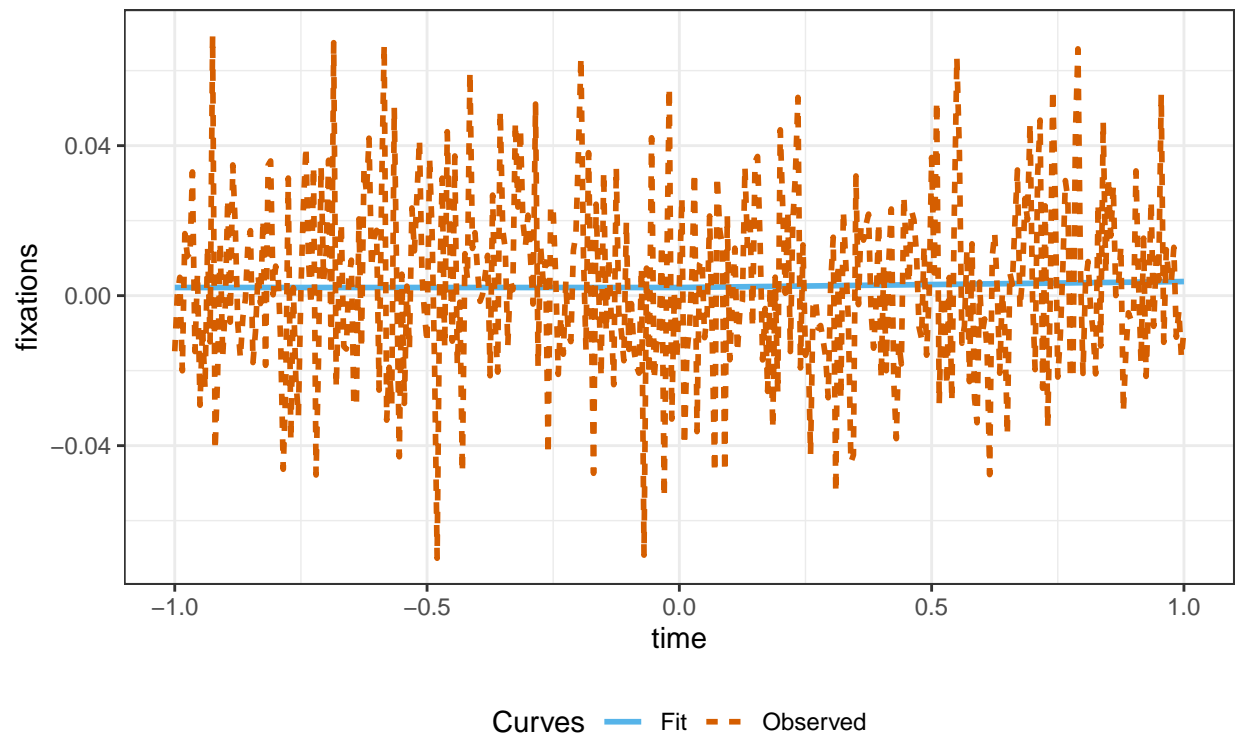## fitCode = 2, R2 = 0.72


```r
plot(fit[4,])
```
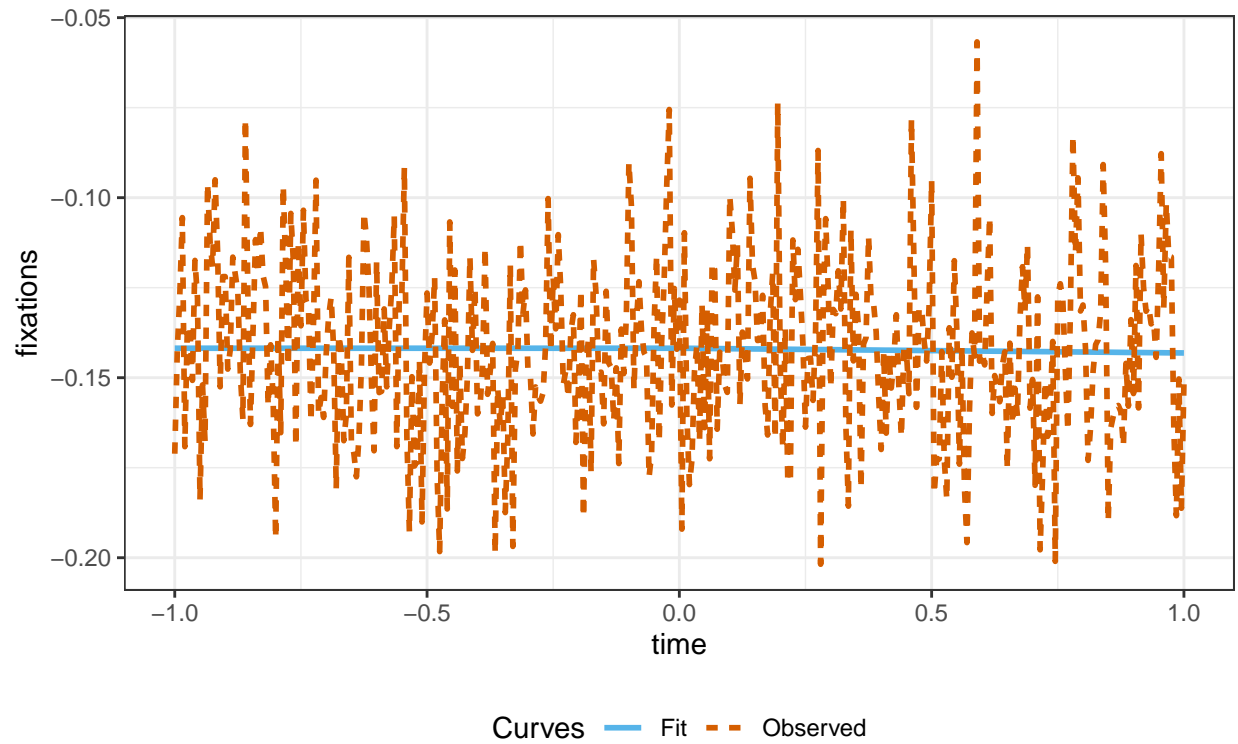
4 A
fitCode = 1, R2 = 0.905


```
# GROUP B
plot(fit[26,])
```

26 B
fitCode = 2, R2 = 0


```
plot(fit[28,])
```

28 B
fitCode = 2, R2 = 0

all the B's kinda look the same