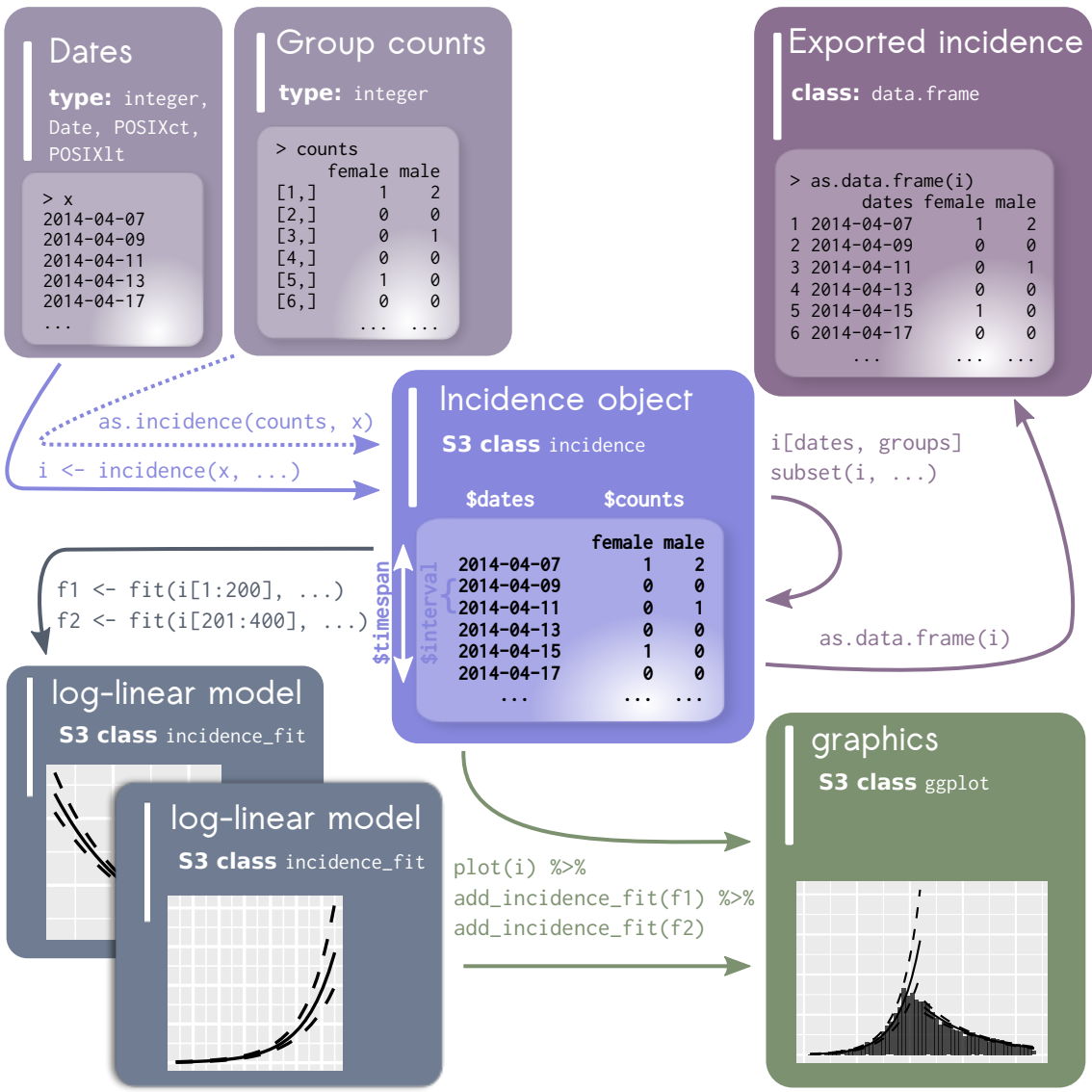
Dates
type: integer, Date, POSIXct, POSIXlt
> x
2014-04-07
2014-04-09
2014-04-11
2014-04-13
2014-04-17
...
Group counts
type: integer
> counts
female male
[1,] 1 2
[2,] 0 0
[3,] 0 1
[4,] 0 0
[5,] 1 0
[6,] 0 0
... ...
Exported incidence
class: data.frame
> as.data.frame(i)
dates female male
1 2014-04-07 1 2
2 2014-04-09 0 0
3 2014-04-11 0 1
4 2014-04-13 0 0
5 2014-04-15 1 0
6 2014-04-17 0 0
... ...
as.incidence(counts, x)
i <- incidence(x, ...)
Incidence object
S3 class incidence
$dates
$counts
female male
2014-04-07 1 2
2014-04-09 0 0
2014-04-11 0 1
2014-04-13 0 0
2014-04-15 1 0
2014-04-17 0 0
... ...
$timespan
$interval
i[dates, groups]
subset(i, ...)
as.data.frame(i)
f1 <- fit(i[1:200], ...)
f2 <- fit(i[201:400], ...)
log-linear model
S3 class incidence_fit
log-linear model
S3 class incidence_fit
plot(i) %>%
add_incidence_fit(f1) %>%
add_incidence_fit(f2)
graphics
S3 class ggplot