

# Theophylline PK

First Last

2024-02-28

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```
library(ggplot2)
```

## Exploring the data

See Figure 1 for concentration-time profiles

```
ggplot(Theoph, aes(Time, conc, group=Subject)) +  
  geom_line() +  
  geom_point(color="peru") +  
  theme_bw(base_size = 13) +  
  labs(x = "Time (hr)", y = "Concentration (mg/L)")
```

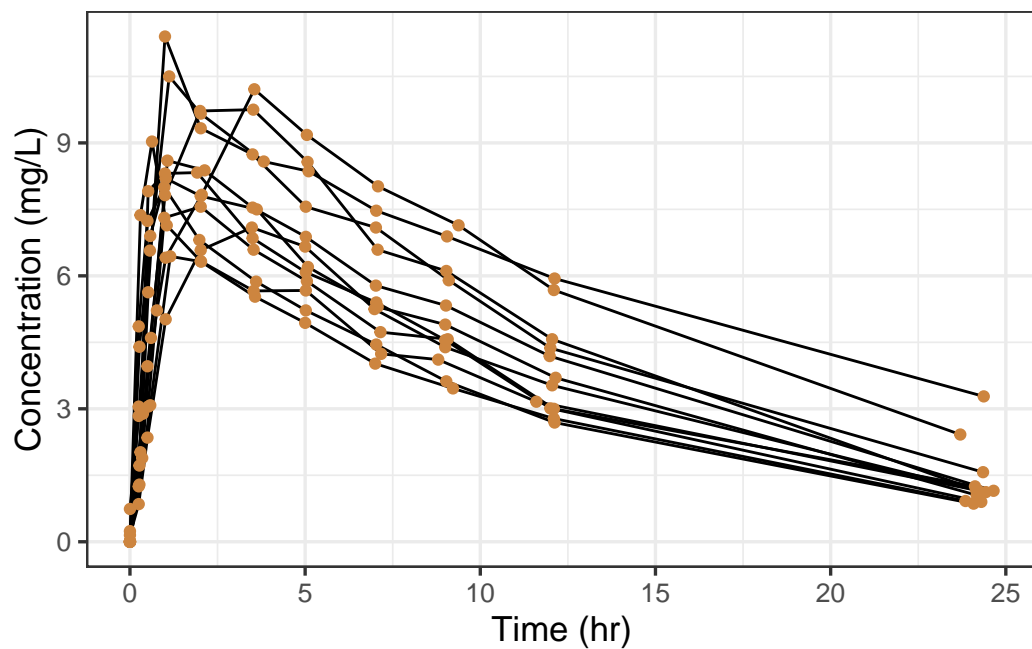


Figure 1: Concentration-time profile

One can also create a nice table as [Table 1](#)

```
Theoph |>
  dplyr::slice(1:5) |>
  knitr::kable()
```

Table 1: First 5 rows in Theophylline dataset

Subject	Wt	Dose	Time	conc
1	79.6	4.02	0.00	0.74
1	79.6	4.02	0.25	2.84
1	79.6	4.02	0.57	6.57
1	79.6	4.02	1.12	10.50
1	79.6	4.02	2.02	9.66