

Lampiran 16 Output Plot Rate of Return Saham

```

> library(reshape2)
> ror=read.delim("clipboard")
> head(ror)
      Date      ROR Average.ROR
1 2017-03-01      NA          NA
2 2017-03-02  1.3953488  0.08089235
3 2017-03-03  0.4587156  0.08089235
4 2017-03-06  8.6757991  0.08089235
5 2017-03-07 -2.5210084  0.08089235
6 2017-03-08  0.0000000  0.08089235
> library(ggplot2)
> library(tidyr)
> library(dplyr)
> df <- ror %>%
+   select(Date, ROR, Average.ROR) %>%
+   gather(key = "variable", value = "value", -Date)
> head(df, 10)
      Date variable      value
1 2017-03-01      ROR          NA
2 2017-03-02      ROR  1.3953488
3 2017-03-03      ROR  0.4587156
4 2017-03-06      ROR  8.6757991
5 2017-03-07      ROR -2.5210084
6 2017-03-08      ROR  0.0000000
7 2017-03-09      ROR -1.2931034
8 2017-03-10      ROR -1.7467249
9 2017-03-13      ROR  2.6666667
10 2017-03-14      ROR  0.8658009
> df$Date = as.Date(df$Date)
> ggplot(df, aes(x = Date, y = value)) +
+   geom_line(aes(color = variable), size = 1) +
+   scale_color_manual(values = c("#E67E22", "#00AFBB")) +
+   theme_light()
warning message:
Removed 2 rows containing missing values (geom_path).

```

