

Lampiran 5 Output Plot Weighted Exponential Moving Average (WEMA)

```

> library(reshape2)
> data.plot.wema =read.delim("clipboard")
> head(data.plot.wema)
  Date Close Forecast.WEMA
1 2017-03-01 2150          NA
2 2017-03-02 2180          NA
3 2017-03-03 2190          NA
4 2017-03-06 2380          NA
5 2017-03-07 2320          NA
6 2017-03-08 2320        2280
> library(ggplot2)
> library(tidyr)
> library(dplyr)
> df <- data.plot.wema %>%
+   select(Date, Close, Forecast.WEMA) %>%
+   gather(key = "variable", value = "value", -Date)
> head(df, 10)
  Date variable value
1 2017-03-01   Close 2150
2 2017-03-02   Close 2180
3 2017-03-03   Close 2190
4 2017-03-06   Close 2380
5 2017-03-07   Close 2320
6 2017-03-08   Close 2320
7 2017-03-09   Close 2290
8 2017-03-10   Close 2250
9 2017-03-13   Close 2310
10 2017-03-14   Close 2330
> 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("#3498DB", "#CD5C5C")) +
+   theme_light()
Warning message:
Removed 6 rows containing missing values (geom_path).

```

