```
library(ggplot2)
library(ggpmisc)
```

```
# plot
ggplot(data = my.data, mapping=aes(x = x, y = y2, colour = group)) +
 geom_point() +
  geom_smooth(method = "lm", se = FALSE,
            formula = y ~ poly(x=x, degree = 2, raw = TRUE)) +
  stat_poly_eq(
  mapping = aes(label = paste("$", ..eq.label.., "$\\ \\ \\ \\ ",
                                ..rr.label.., "$", sep = ""))
               = "text"
   , geom
   , output.type = "LaTeX"
  ) +
 theme_bw()
## [1] "\\hat{Y} = 13900 - 2230 x + 67.5 x^2"
## [1] "\hat{Y} = 169000 - 14400 x + 327 x^2"
```

