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**Stats 202A: Assignment 6**

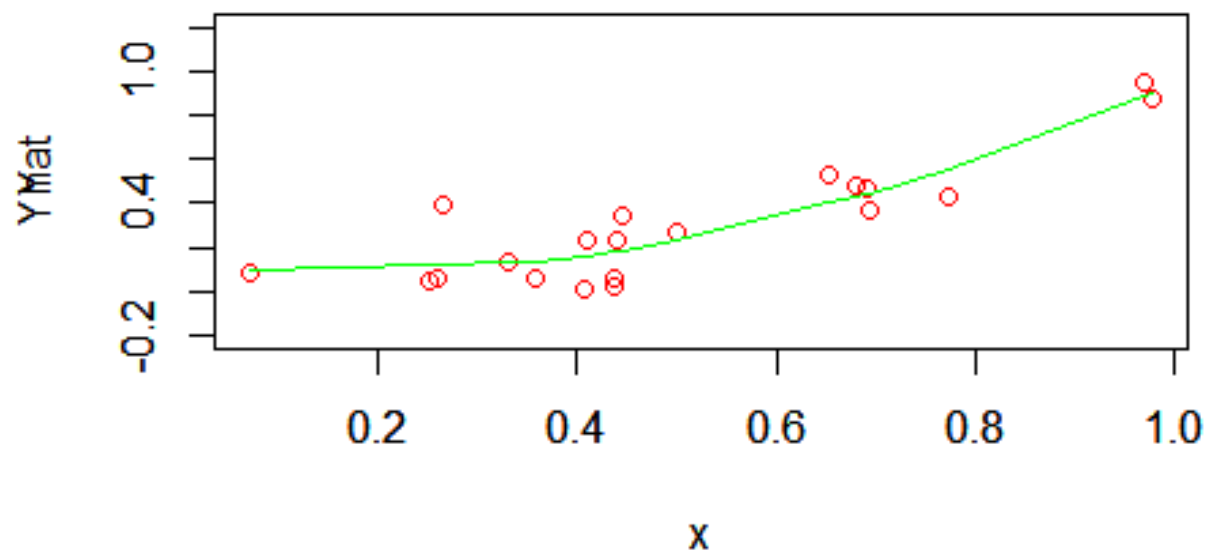
**Q4: Comparison of R and Rcpp**

1. Sweep using R

```
[1] "Execution time for N= 20 P= 500"
```

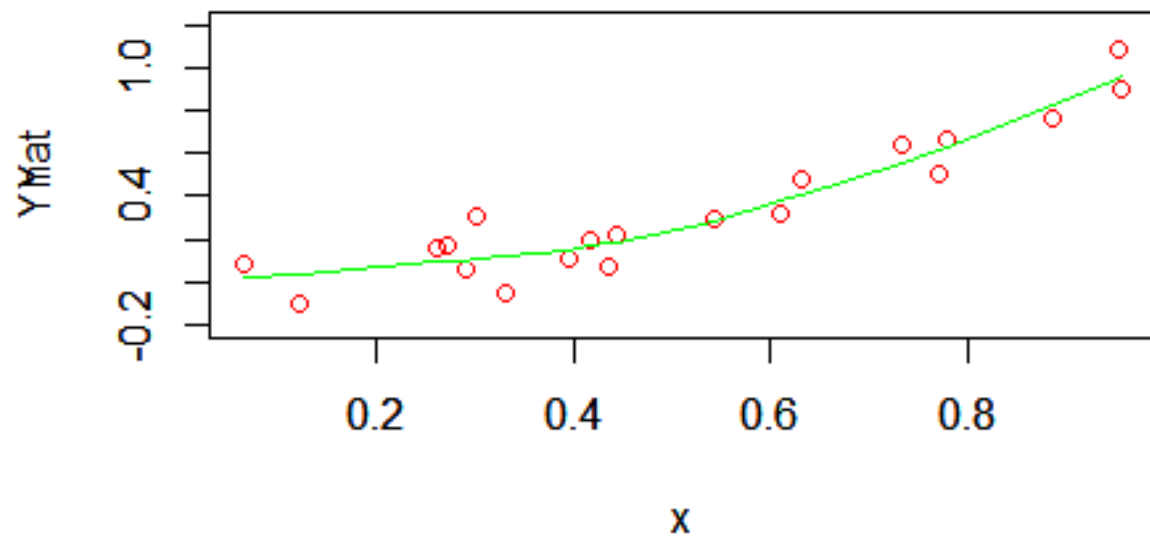
```
[1] "R"
```

	user	system	elapsed
	398.72	0.31	404.27



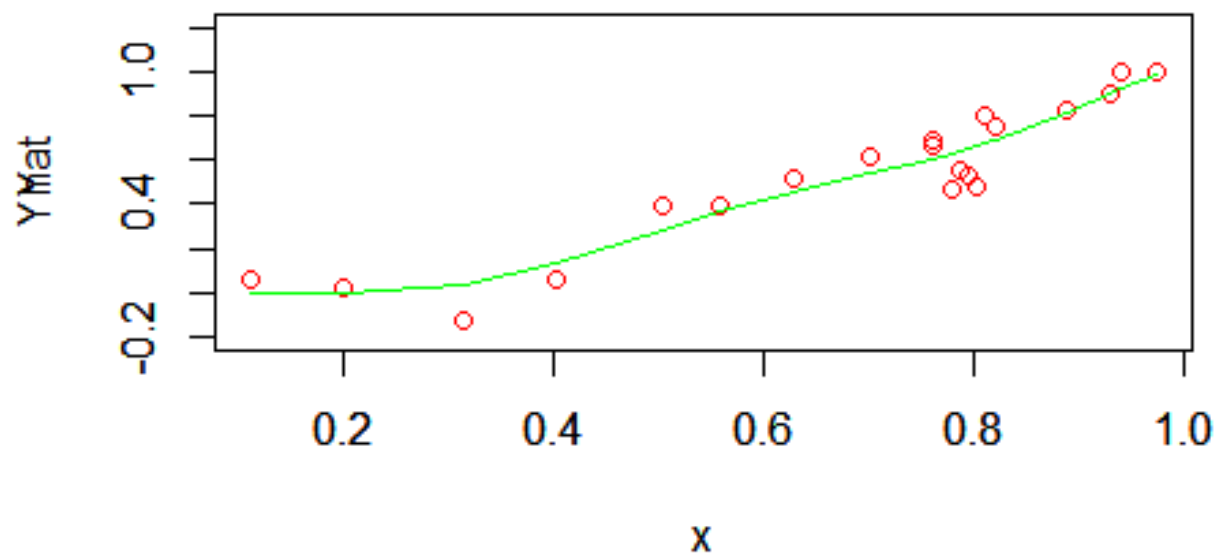
## 2. Sweep using Rcpp

```
[1] "Execution time for N= 20 P= 500"  
[1] "Rcpp"  
user system elapsed  
0.72   0.03   0.83
```



## 3. QR using R

```
[1] "Execution time for N= 20 P= 500"  
[1] "R"  
user system elapsed  
2.50   0.39   2.91
```



#### 4. QR using Rcpp

```
[1] "Execution time for N= 20 P= 500"  
[1] "Rcpp"  
  user  system elapsed  
1.22    0.44    1.68
```

