

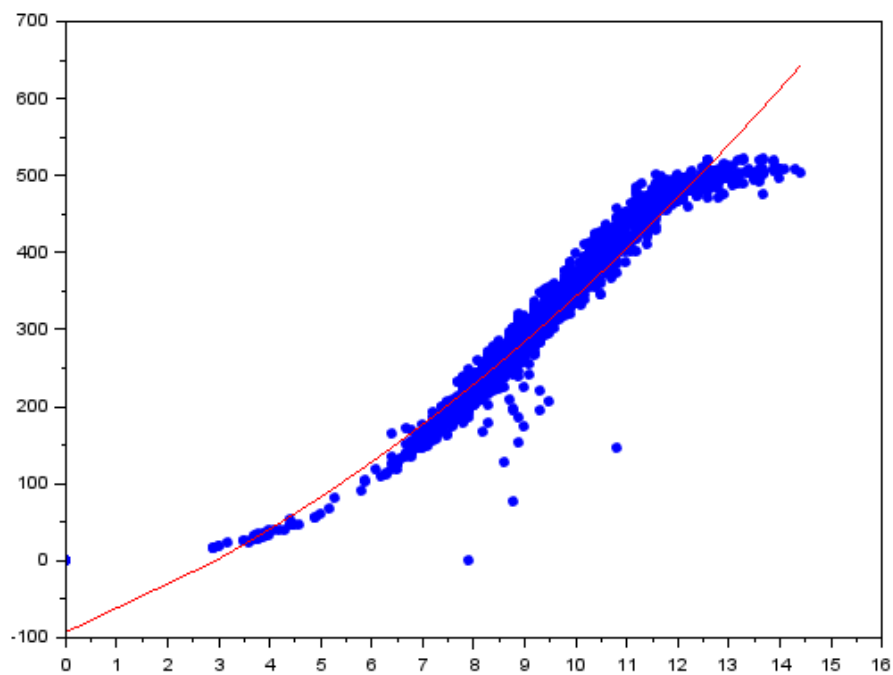
Implementação em SCILAB 6.1.1

Questão 02 - Trabalho 01 de Inteligência Computacional - 2022.2

	Grau 2	Grau 3	Grau 4	Grau 5	Grau 6	Grau 7
R^2	0.9434239	0.9690229	0.9737242	0.9737256	0.9737438	0.9737772
R^2_{aj}	0.9433735	0.9689815	0.9736774	0.9736671	0.9736736	0.9736954

Pode-se observar que a cada incremento de mais um grau no modelo de regressão linear múltipla para o aerogerador, temos um aumento nos valores de R^2 e R^2_{aj} , que mostram o quão bem as curvas desenhadas modelam os dados, sendo valor 1 o ideal. Porém a cada incremento de grau do polinômio, temos aumentos poucos significativos nos valores de R^2 e R^2_{aj} .

- Grau 2:



```
--> R2
R2 =

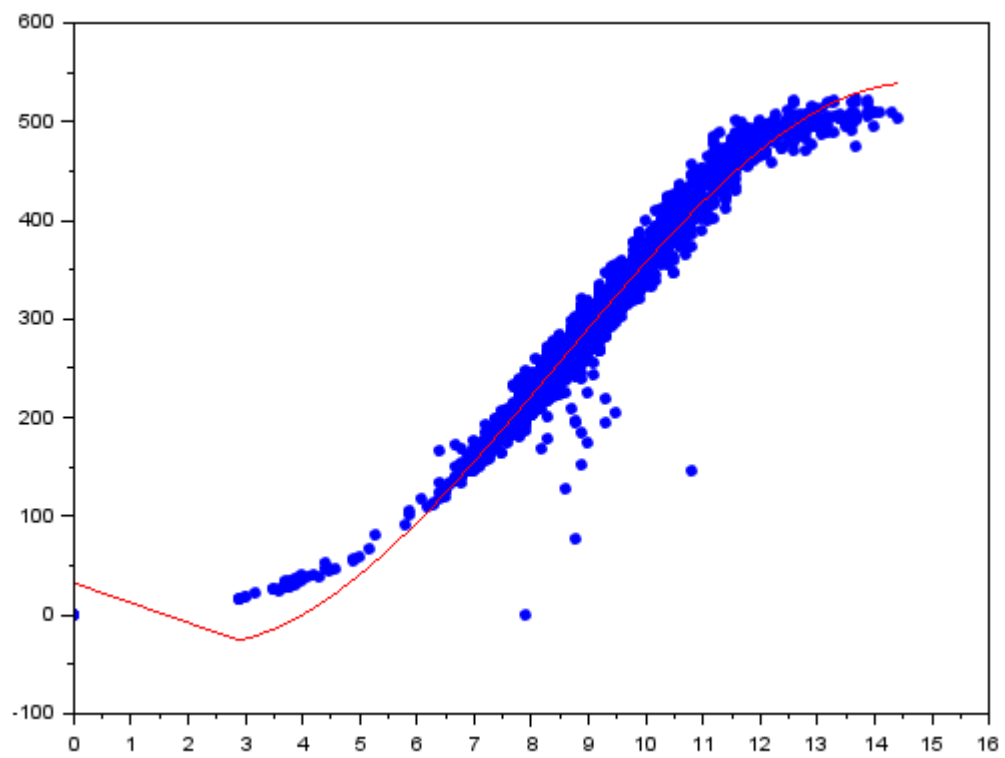
    0.9434239

--> R2aj
R2aj =

    0.9433735

-->
```

- Grau 3:

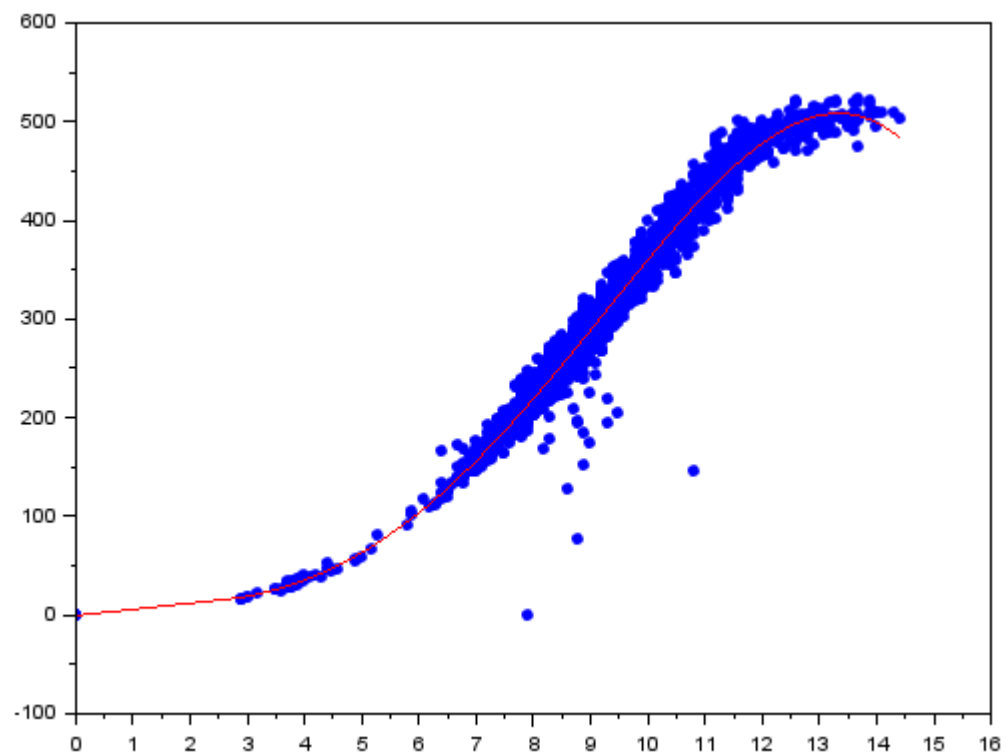


```
--> R2
R2 =
    0.9690229

--> R2aj
R2aj =
    0.9689815

-->
```

- Grau 4:

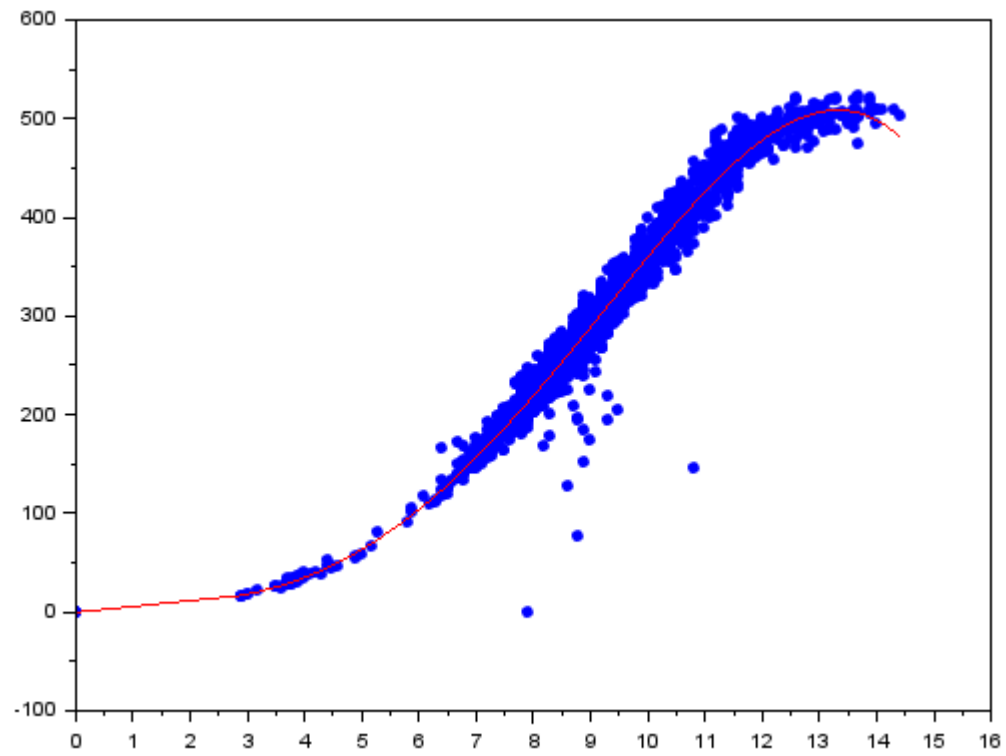


```
--> R2
R2 =
0.9737242

--> R2aj
R2aj =
0.9736774

-->
```

- Grau 5:



```
--> R2
R2 =

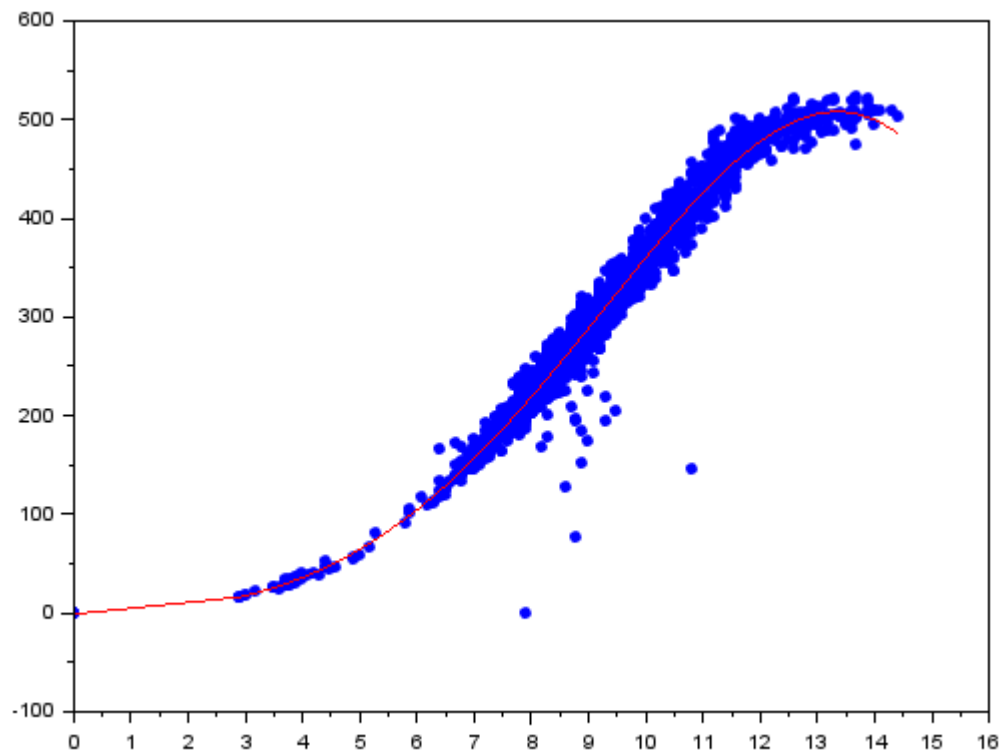
    0.9737256

--> R2aj
R2aj =

    0.9736671

-->
```

- Grau 6:

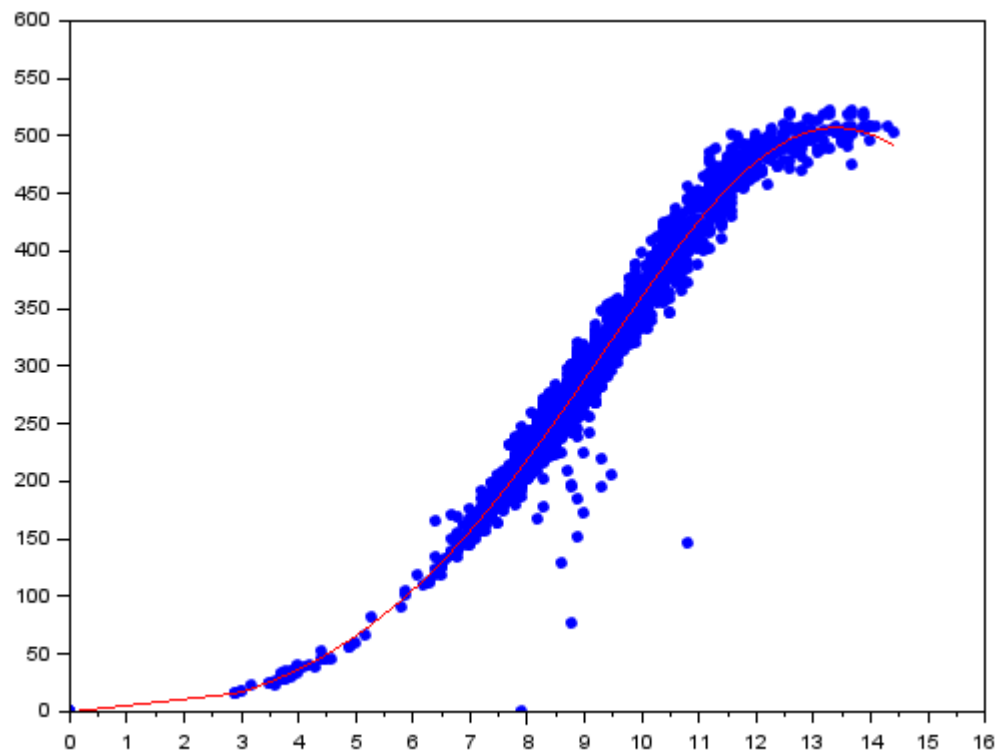


```
--> R2  
R2 =  
  
0.9737438
```

```
--> R2aj  
R2aj =  
  
0.9736736
```

```
-->
```

- Grau 7:

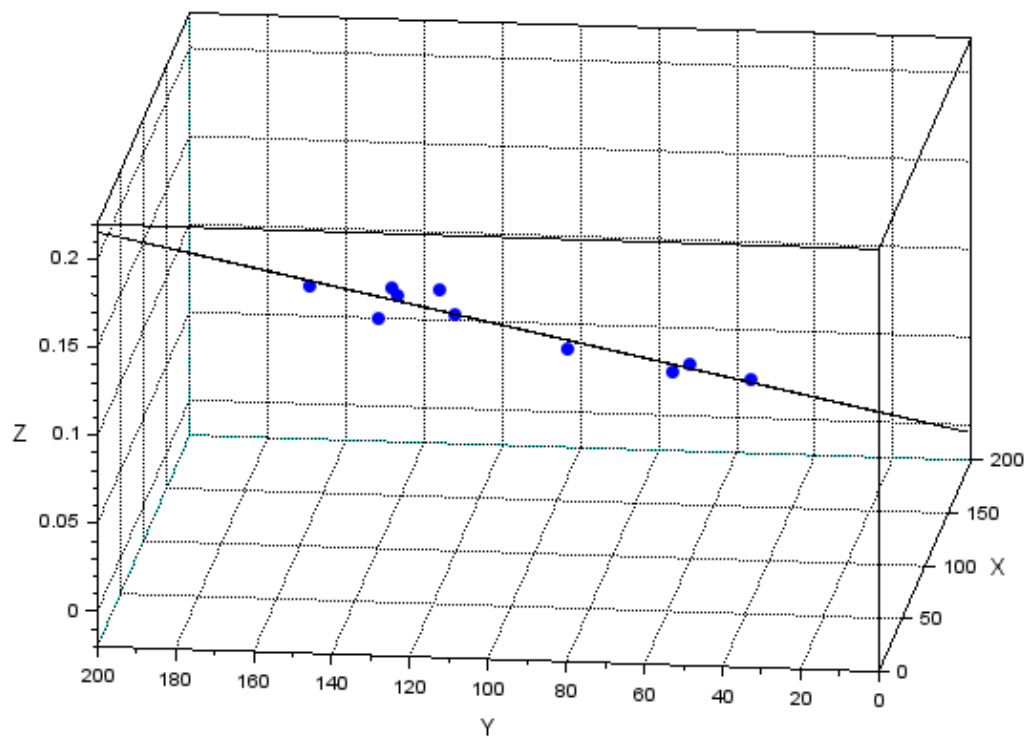
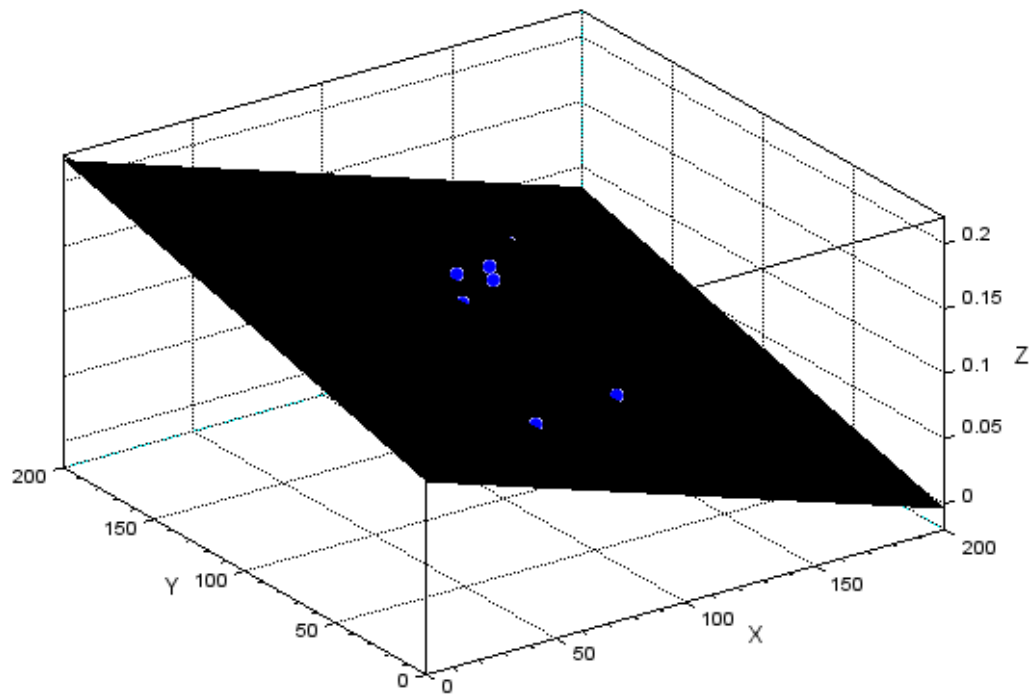


```
--> R2  
R2 =  
  
0.9737772
```

```
--> R2aj  
R2aj =  
  
0.9736954
```

```
-->
```

Questão 03 - Trabalho 01 de Inteligência Computacional - 2022.2



```
--> R2
R2 =

0.7238824
-->
```