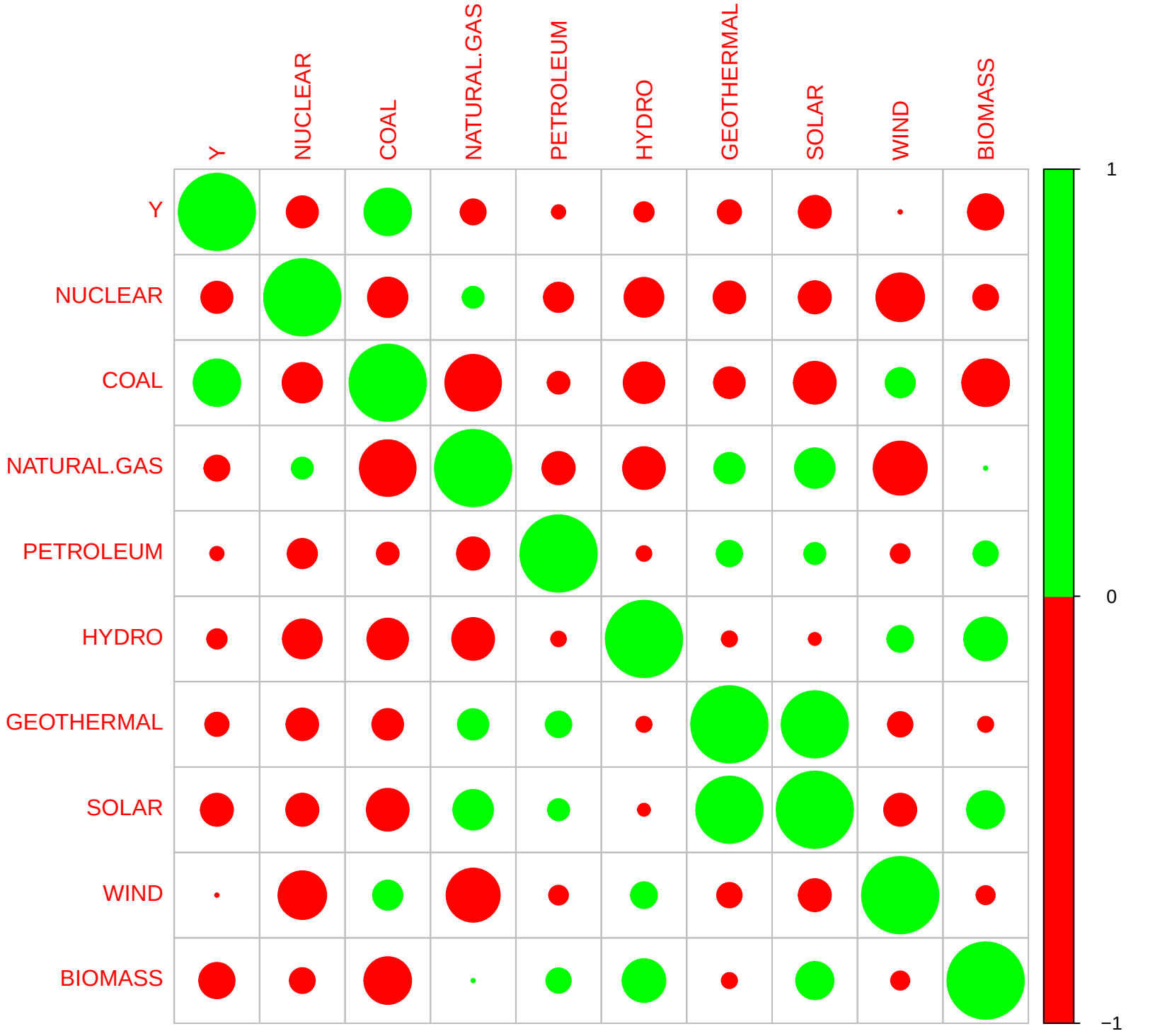
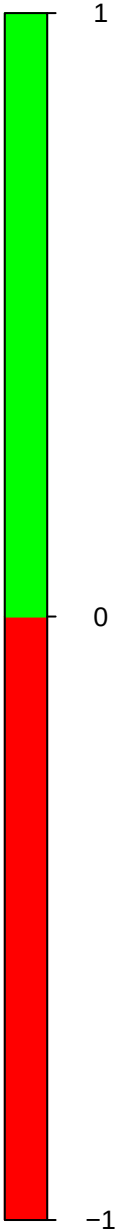
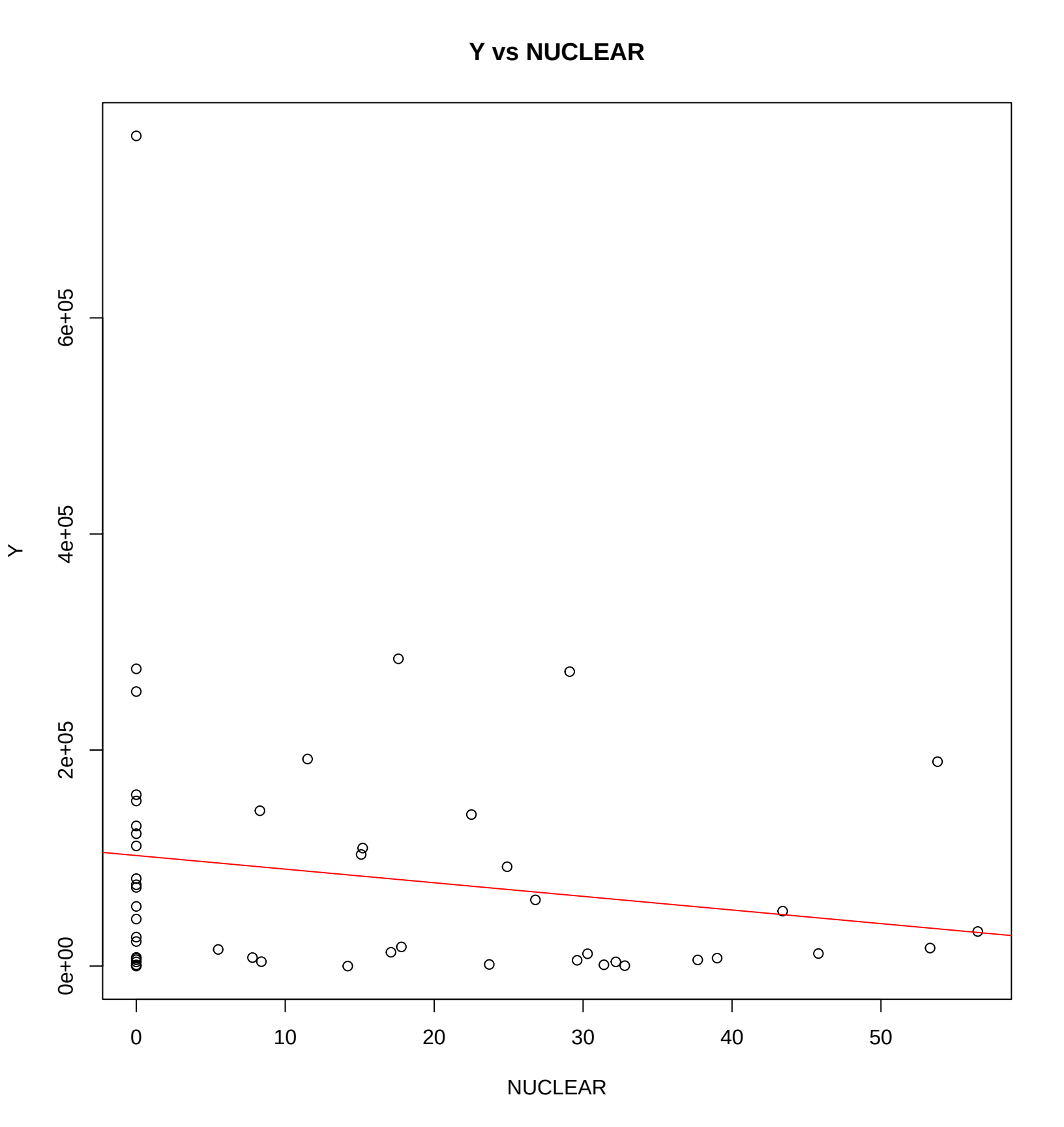
# Y= Oil Lobbying

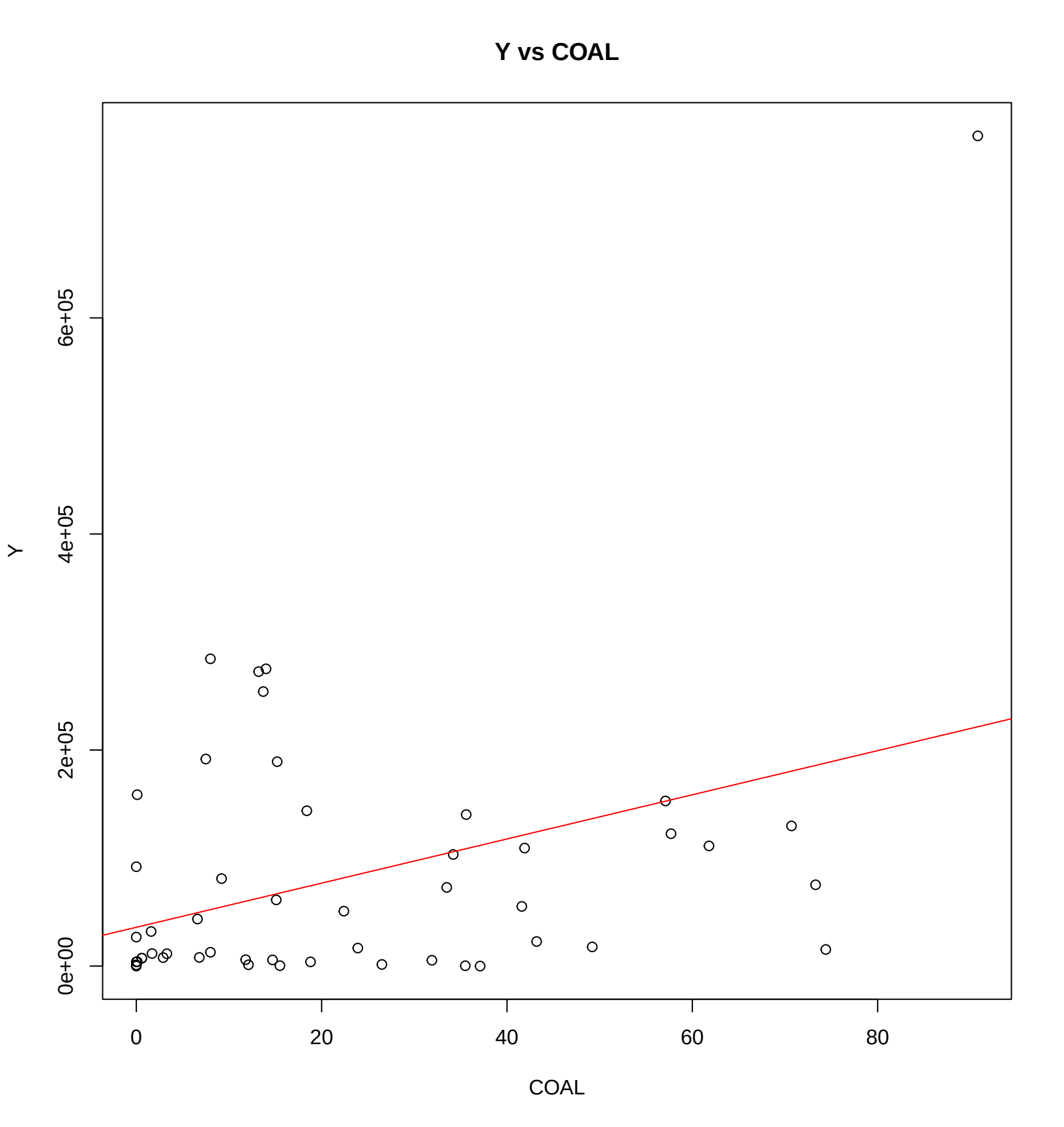


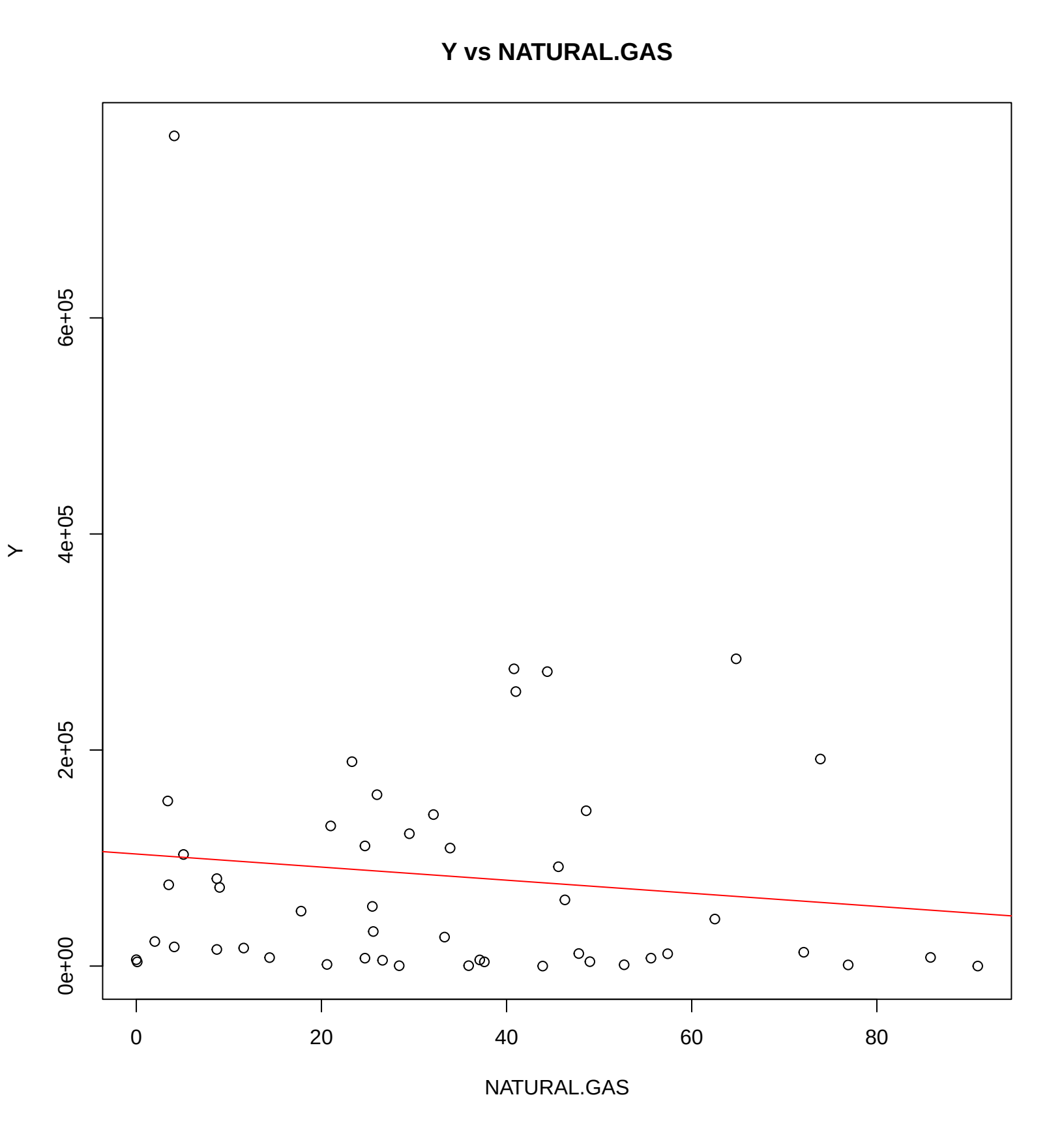
# Y= Oil Lobbying

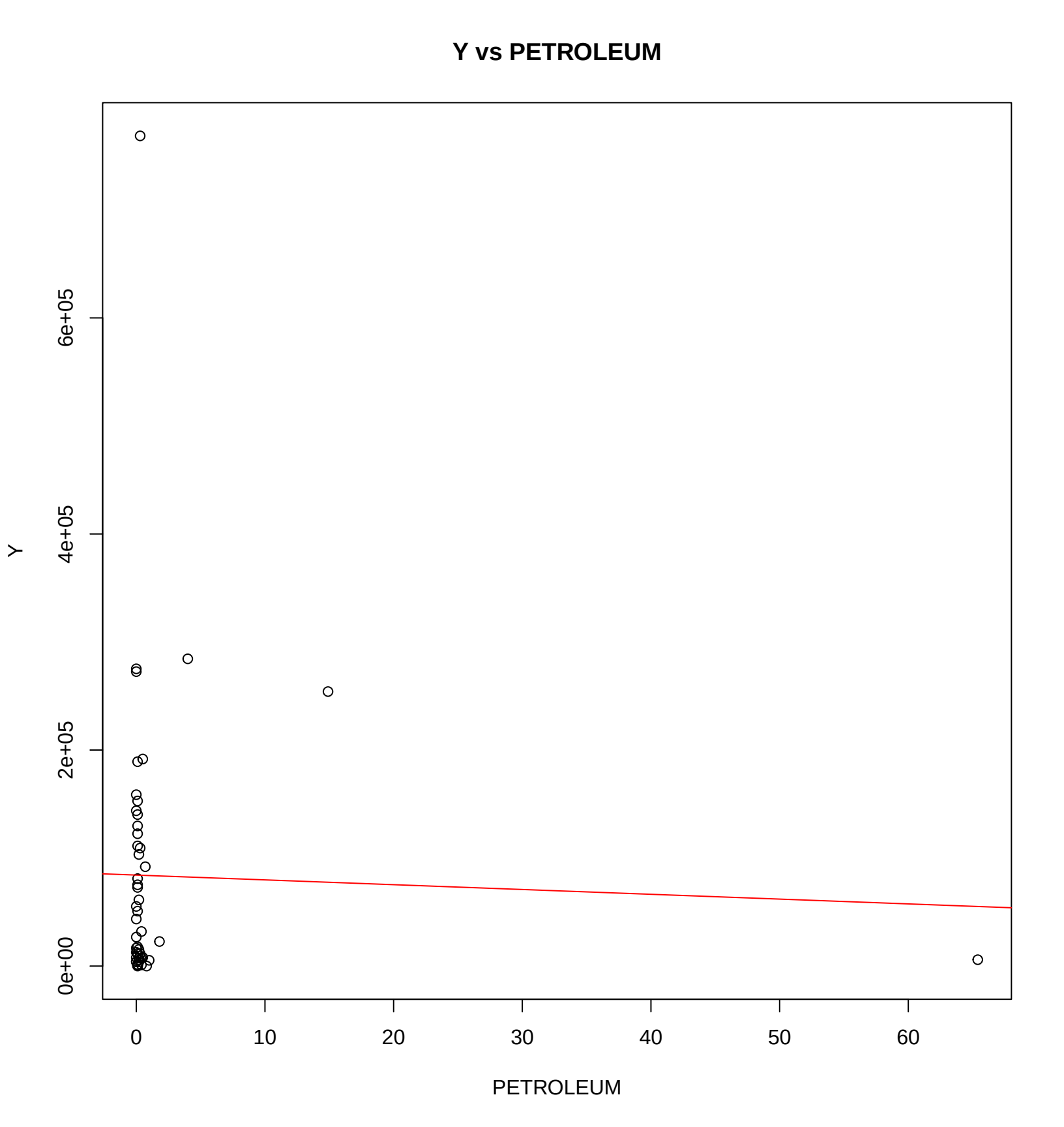
| | Y | NUCLEAR | COAL | NATURAL.GAS | PETROLEUM | HYDRO | GEOTHERMAL | SOLAR | WIND | BIOMASS |
|---|---|---|---|---|---|---|---|---|---|---|
| Y | 1.00 | −0.17 | 0.37 | −0.11 | −0.03 | −0.07 | −0.10 | −0.18 | 0.00 | −0.22 |
| NUCLEAR | −0.17 | 1.00 | −0.27 | 0.08 | −0.15 | −0.26 | −0.18 | −0.18 | −0.39 | −0.11 |
| COAL | 0.37 | −0.27 | 1.00 | −0.53 | −0.08 | −0.29 | −0.17 | −0.30 | 0.15 | −0.38 |
| NATURAL.GAS | −0.11 | 0.08 | −0.53 | 1.00 | −0.18 | −0.30 | 0.16 | 0.27 | −0.49 | 0.00 |
| PETROLEUM | −0.03 | −0.15 | −0.08 | −0.18 | 1.00 | −0.04 | 0.11 | 0.08 | −0.06 | 0.11 |
| HYDRO | −0.07 | −0.26 | −0.29 | −0.30 | −0.04 | 1.00 | −0.04 | −0.03 | 0.12 | 0.32 |
| GEOTHERMAL | −0.10 | −0.18 | −0.17 | 0.16 | 0.11 | −0.04 | 1.00 | 0.75 | −0.11 | −0.04 |
| SOLAR | −0.18 | −0.18 | −0.30 | 0.27 | 0.08 | −0.03 | 0.75 | 1.00 | −0.18 | 0.24 |
| WIND | 0.00 | −0.39 | 0.15 | −0.49 | −0.06 | 0.12 | −0.11 | −0.18 | 1.00 | −0.06 |
| BIOMASS | −0.22 | −0.11 | −0.38 | 0.00 | 0.11 | 0.32 | −0.04 | 0.24 | −0.06 | 1.00 |

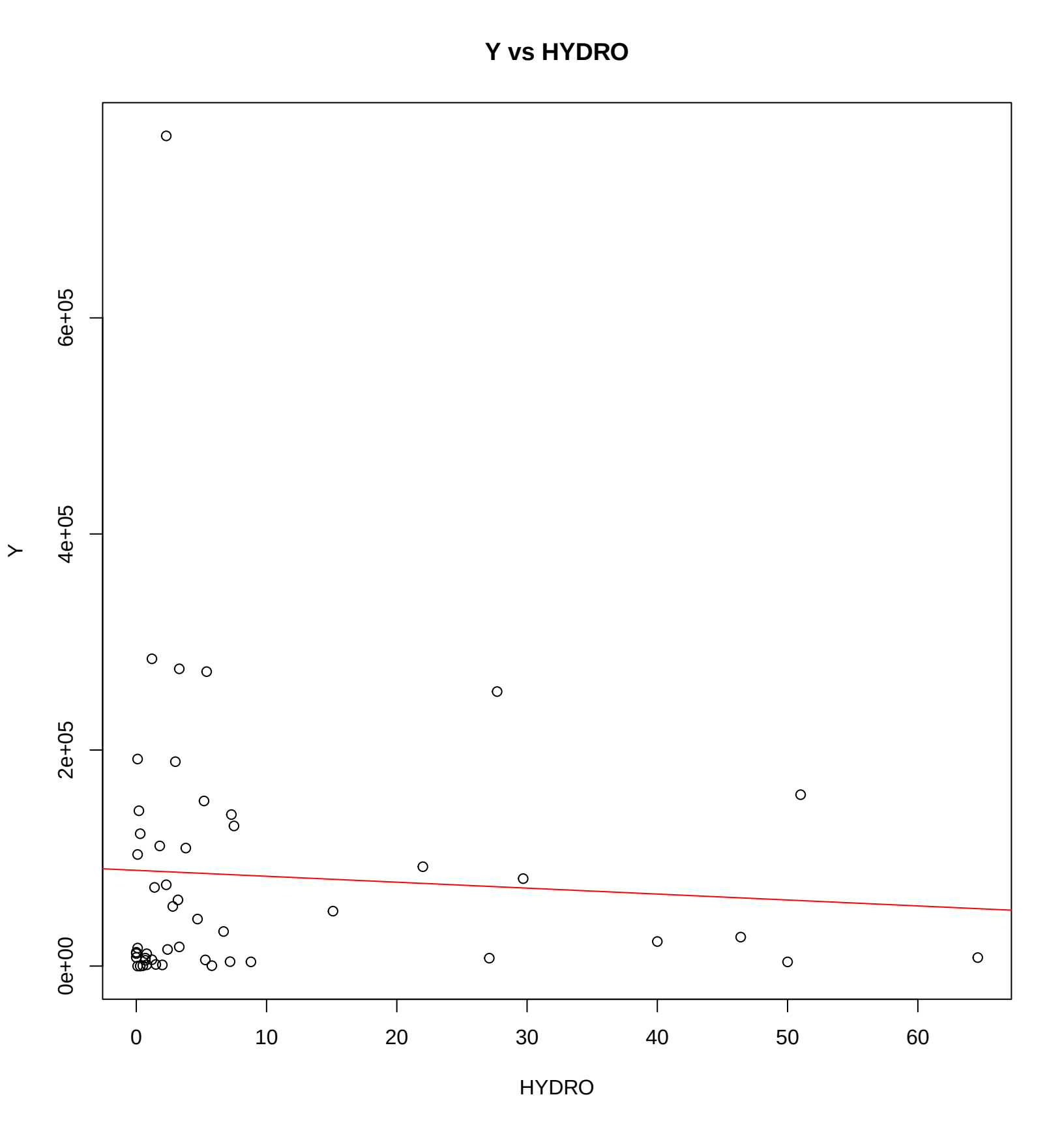


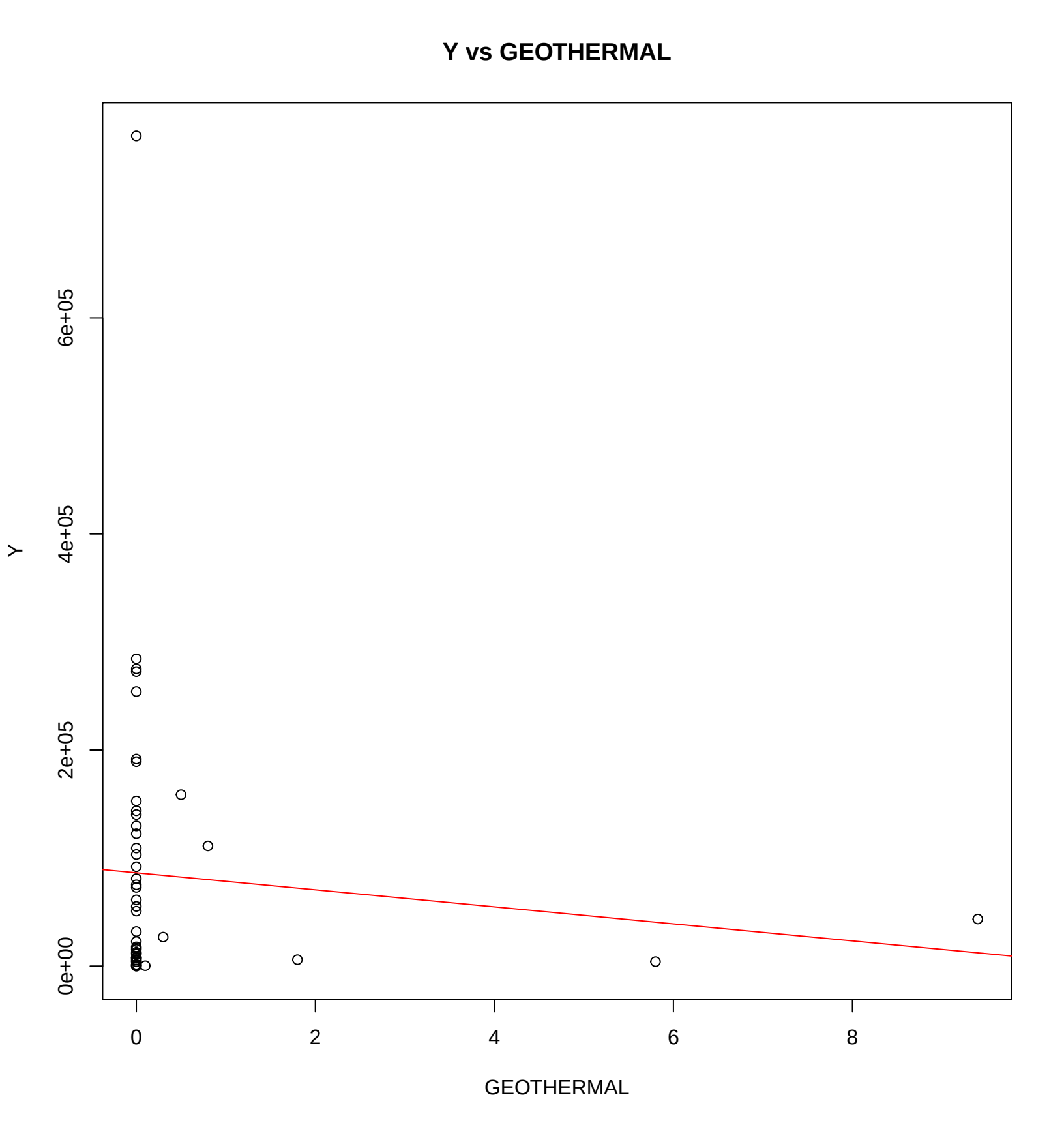

Y vs NUCLEAR
Y
0e+00
2e+05
4e+05
6e+05
0
10
20
30
40
50
NUCLEAR

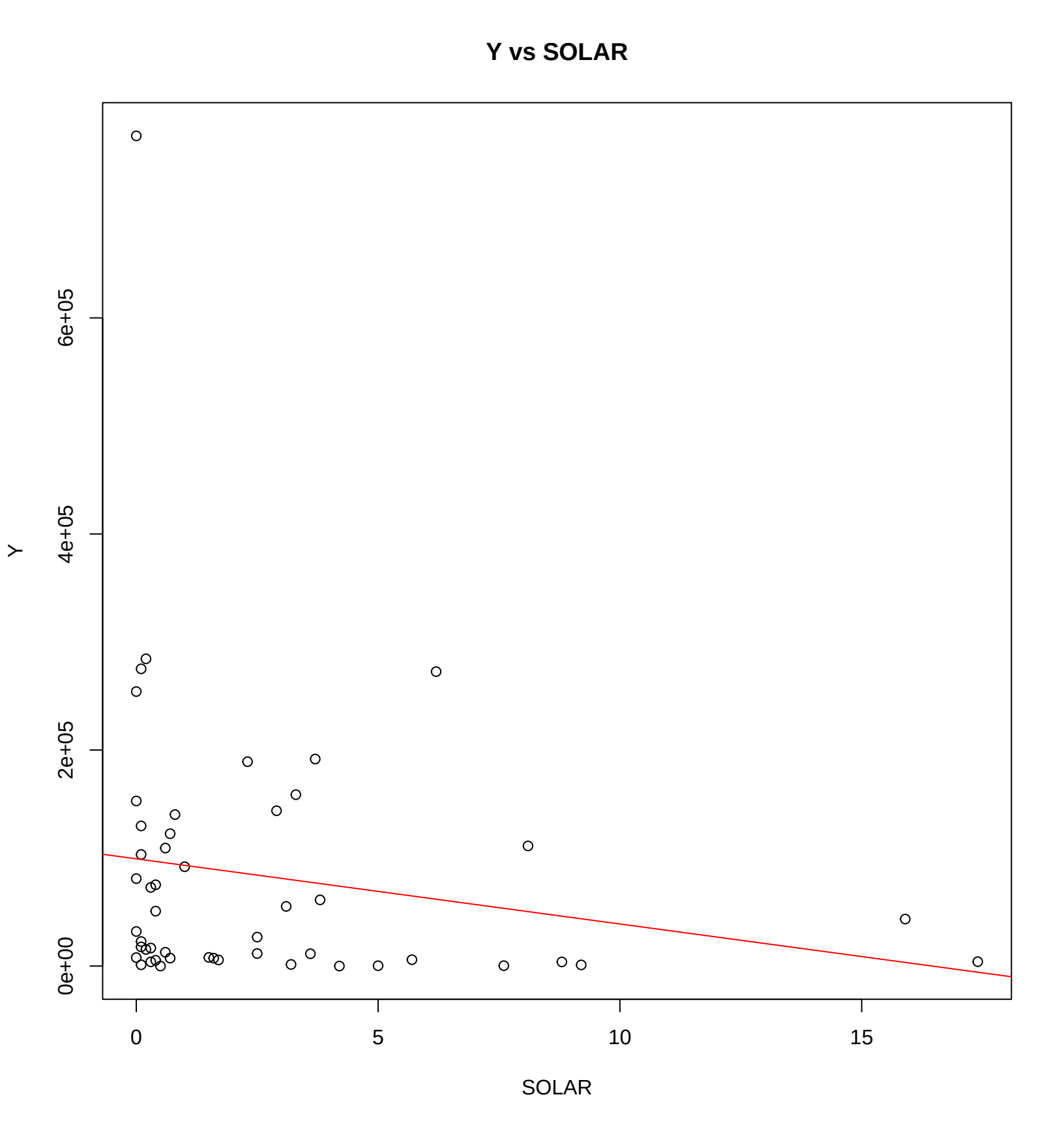

Y vs COAL
Y
0e+00
2e+05
4e+05
6e+05
0
20
40
60
80
COAL

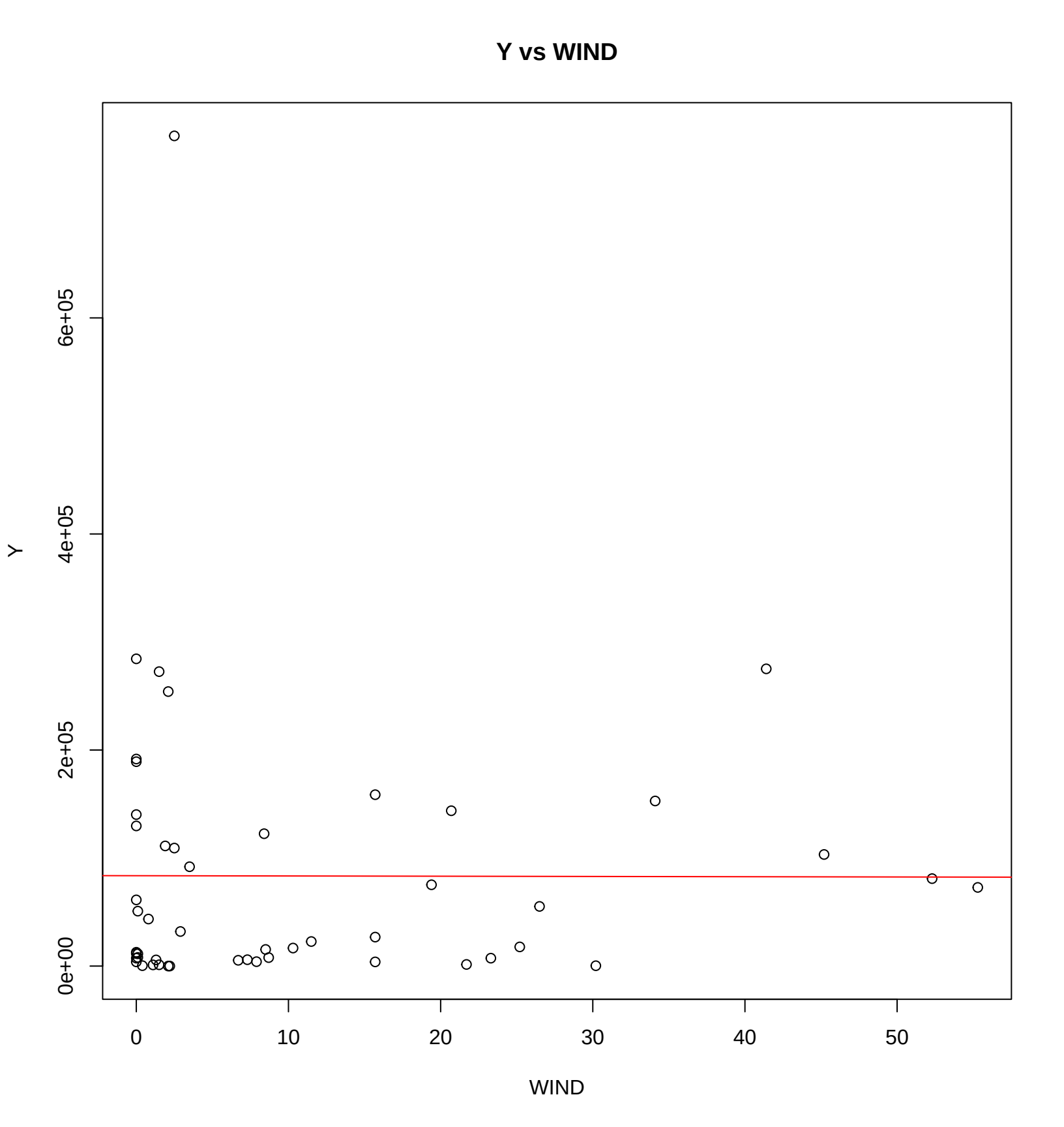

Y vs NATURAL.GAS
Y
0e+00
2e+05
4e+05
6e+05
0
20
40
60
80
NATURAL.GAS

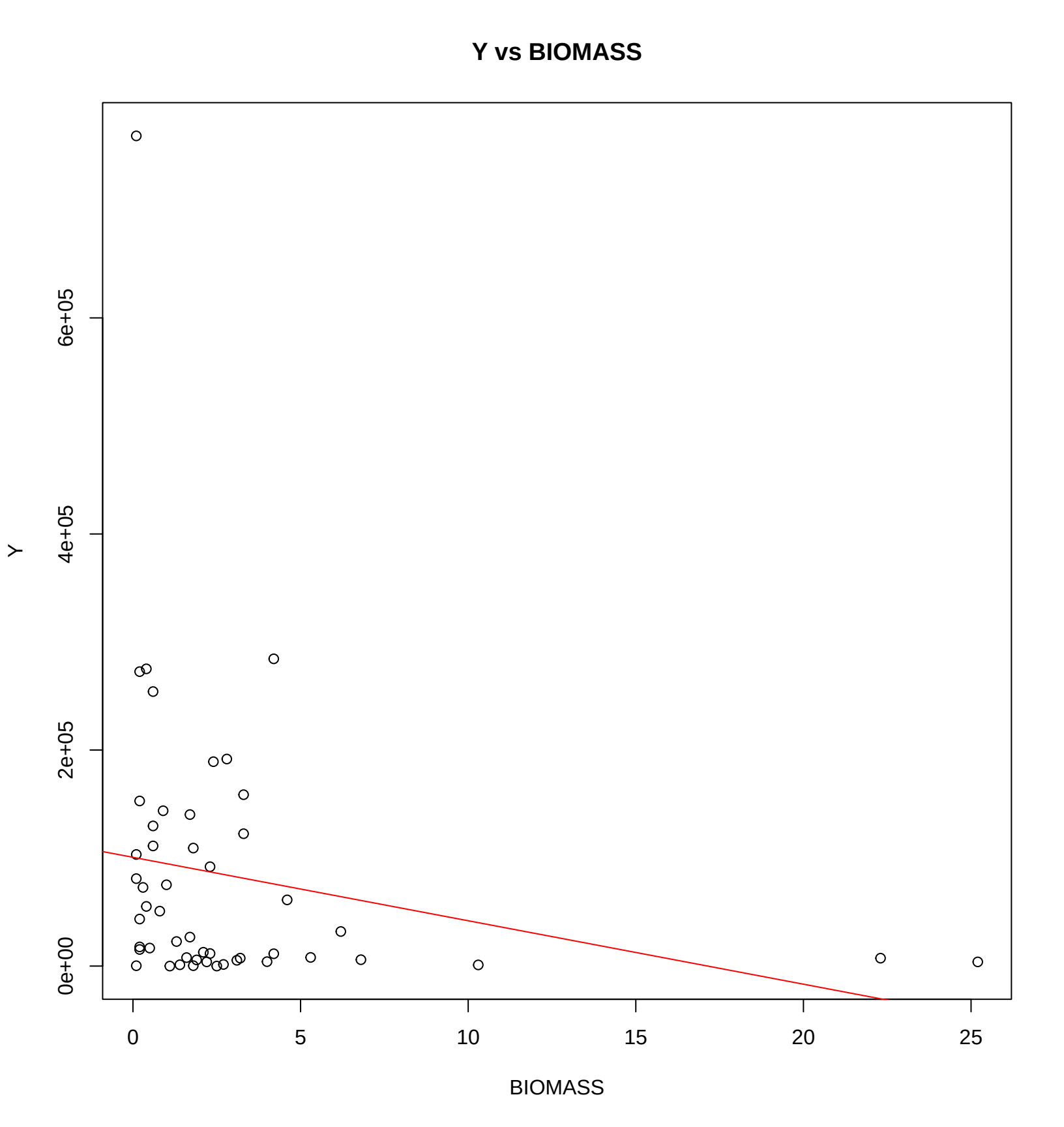

Y vs PETROLEUM
Y
0e+00
2e+05
4e+05
6e+05
0
10
20
30
40
50
60
PETROLEUM


Y vs HYDRO
Y
0e+00
2e+05
4e+05
6e+05
0
10
20
30
40
50
60
HYDRO

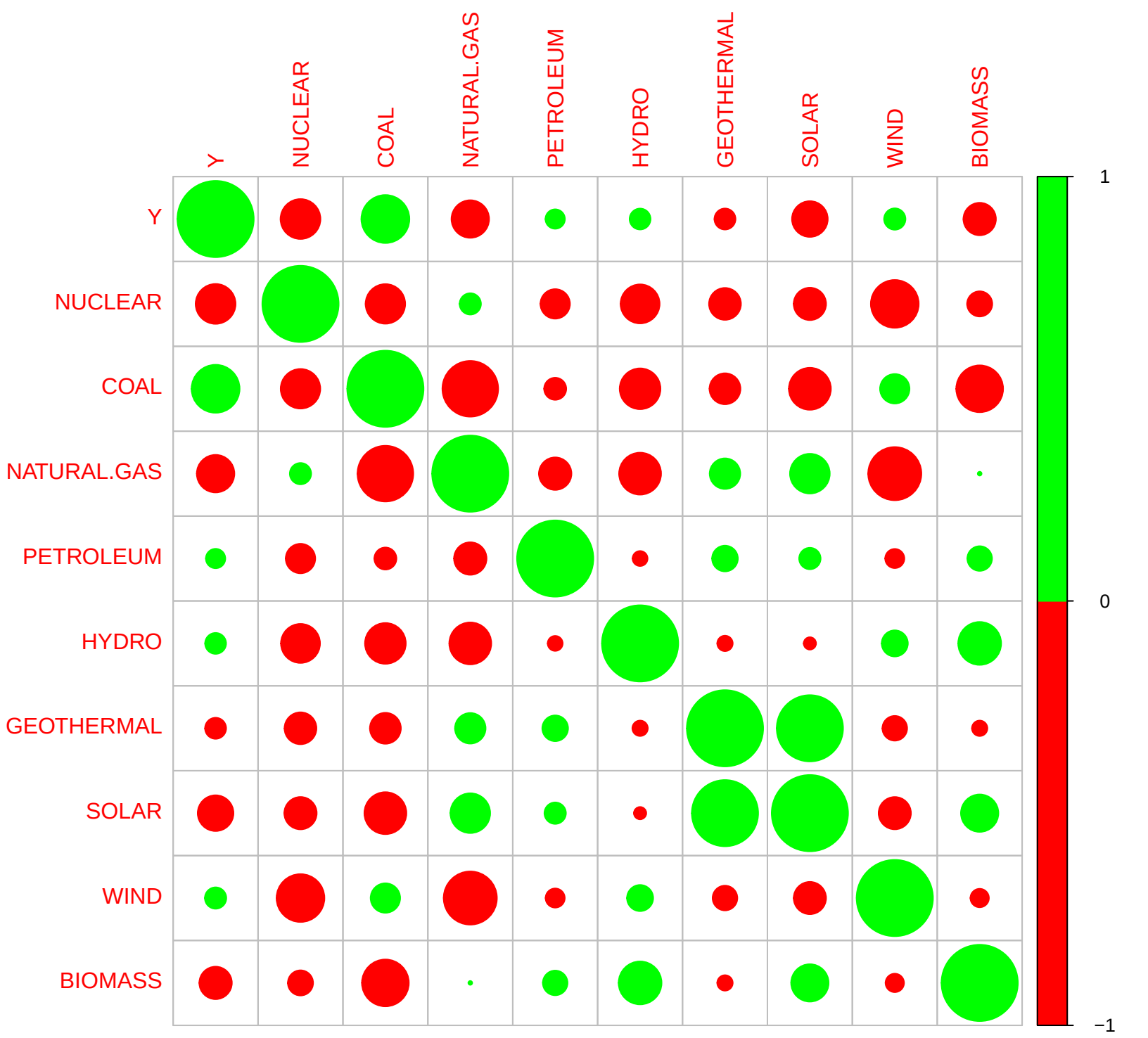

Y vs GEOTHERMAL
Y
0e+00
2e+05
4e+05
6e+05
0
2
4
6
8
GEOTHERMAL


Y vs SOLAR
Y
SOLAR
0e+00
2e+05
4e+05
6e+05
0
5
10
15


Y vs WIND
Y
0e+00
2e+05
4e+05
6e+05
0
10
20
30
40
50
WIND

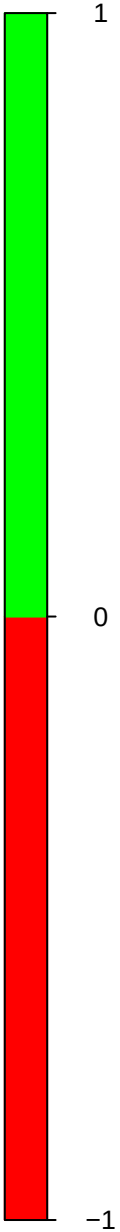

Y vs BIOMASS
Y
0e+00
2e+05
4e+05
6e+05
0
5
10
15
20
25
BIOMASS

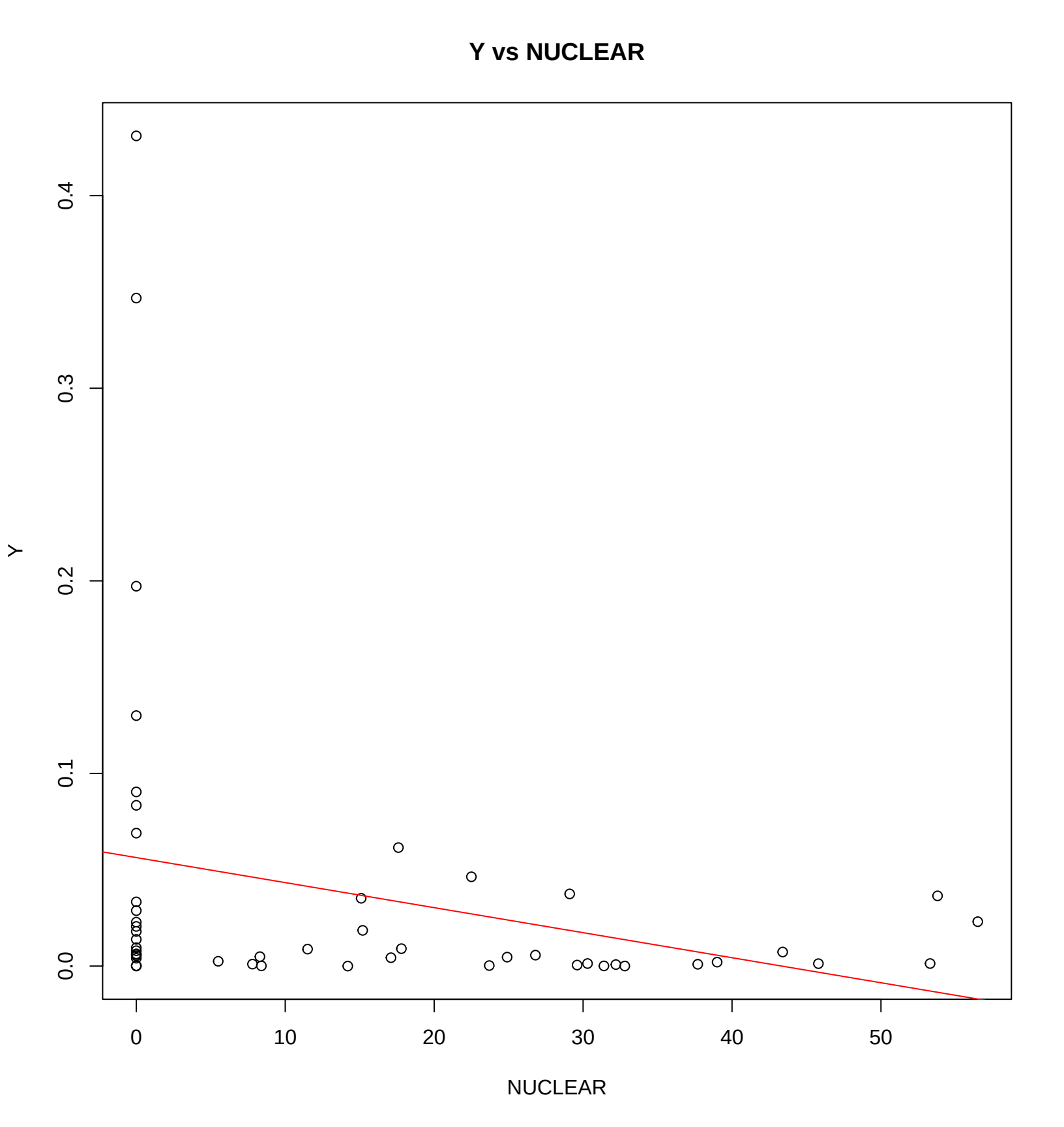
# Y= Oil Lobbying / Population

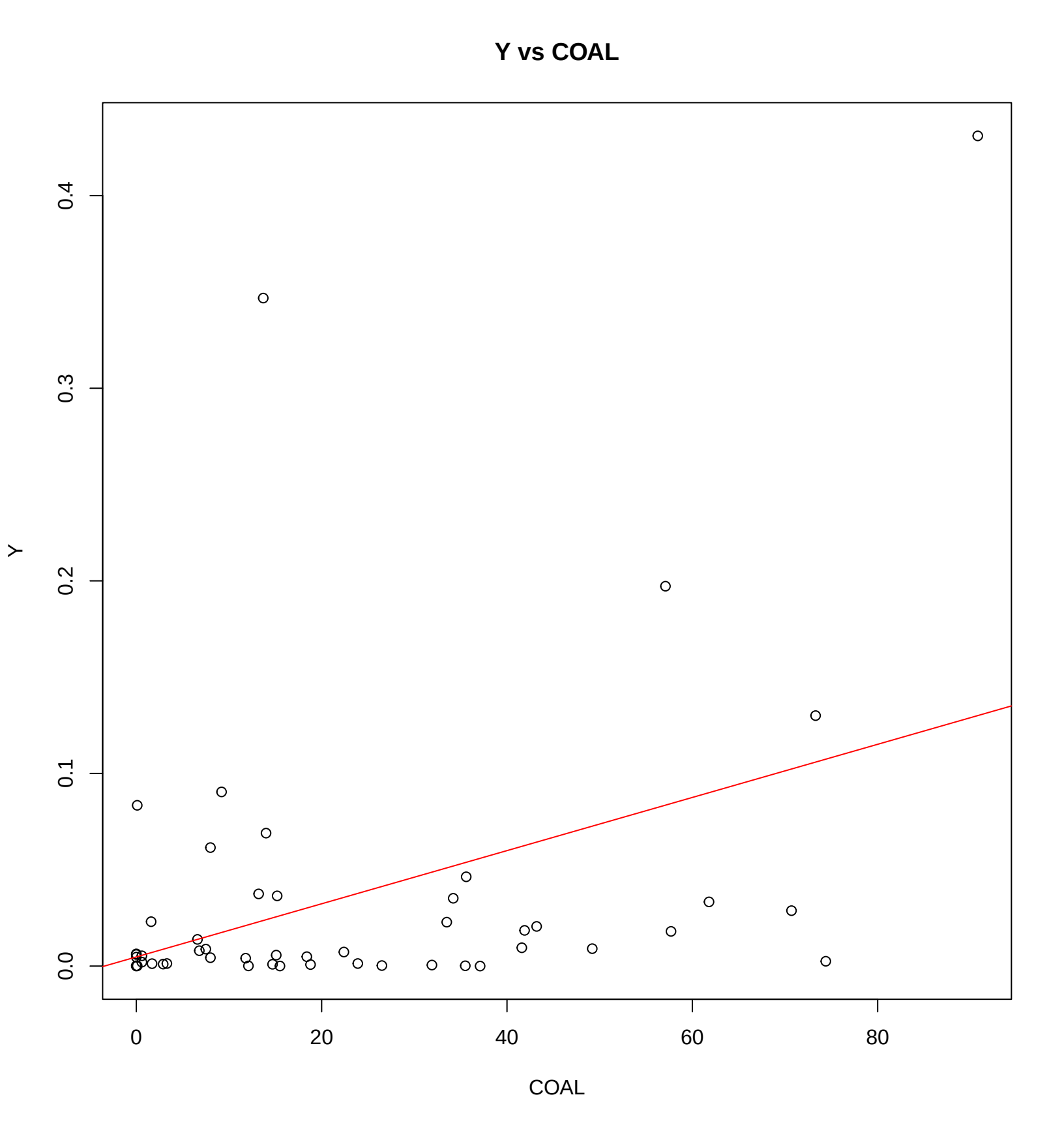


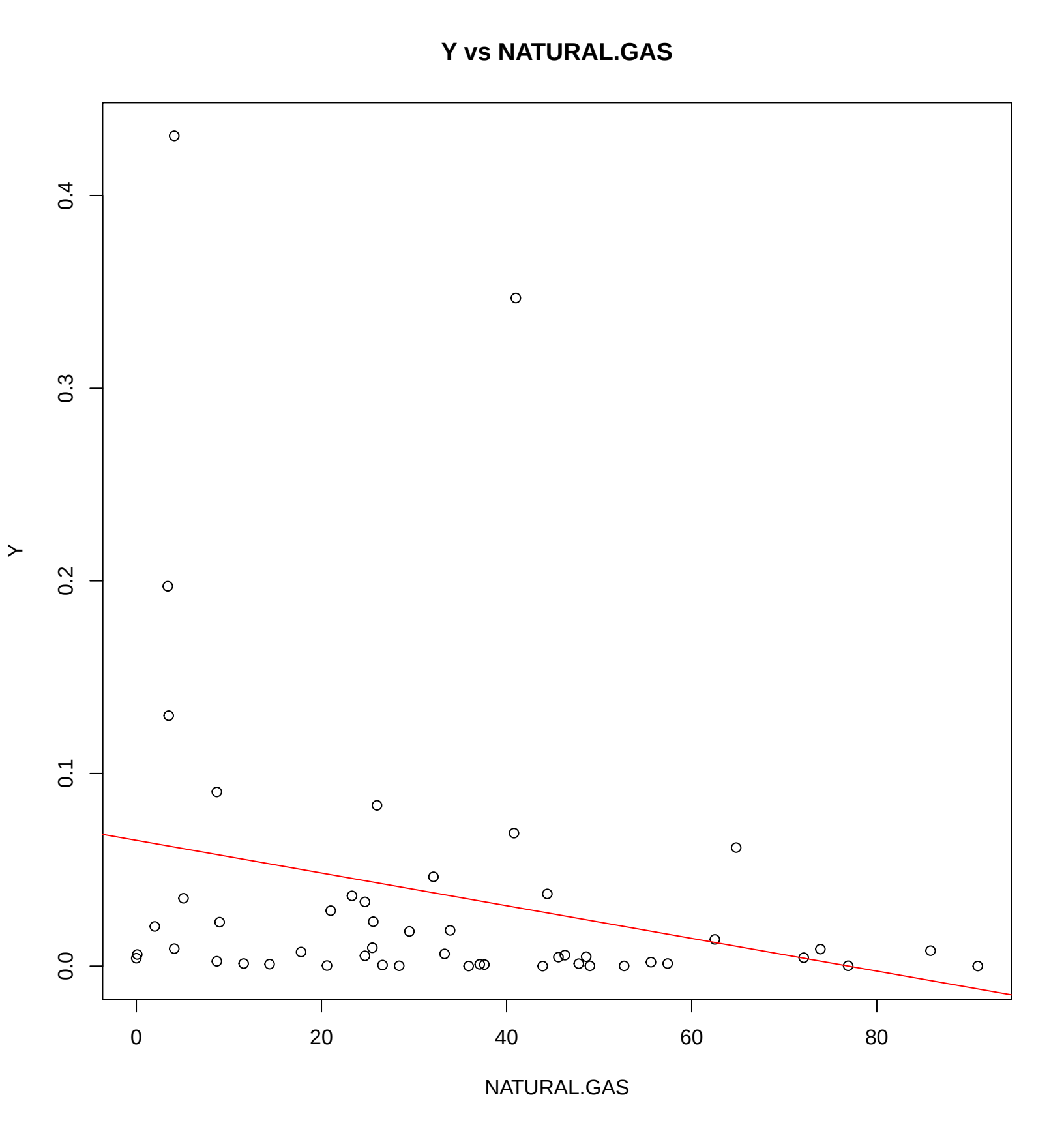
## Y= Oil Lobbying / Population

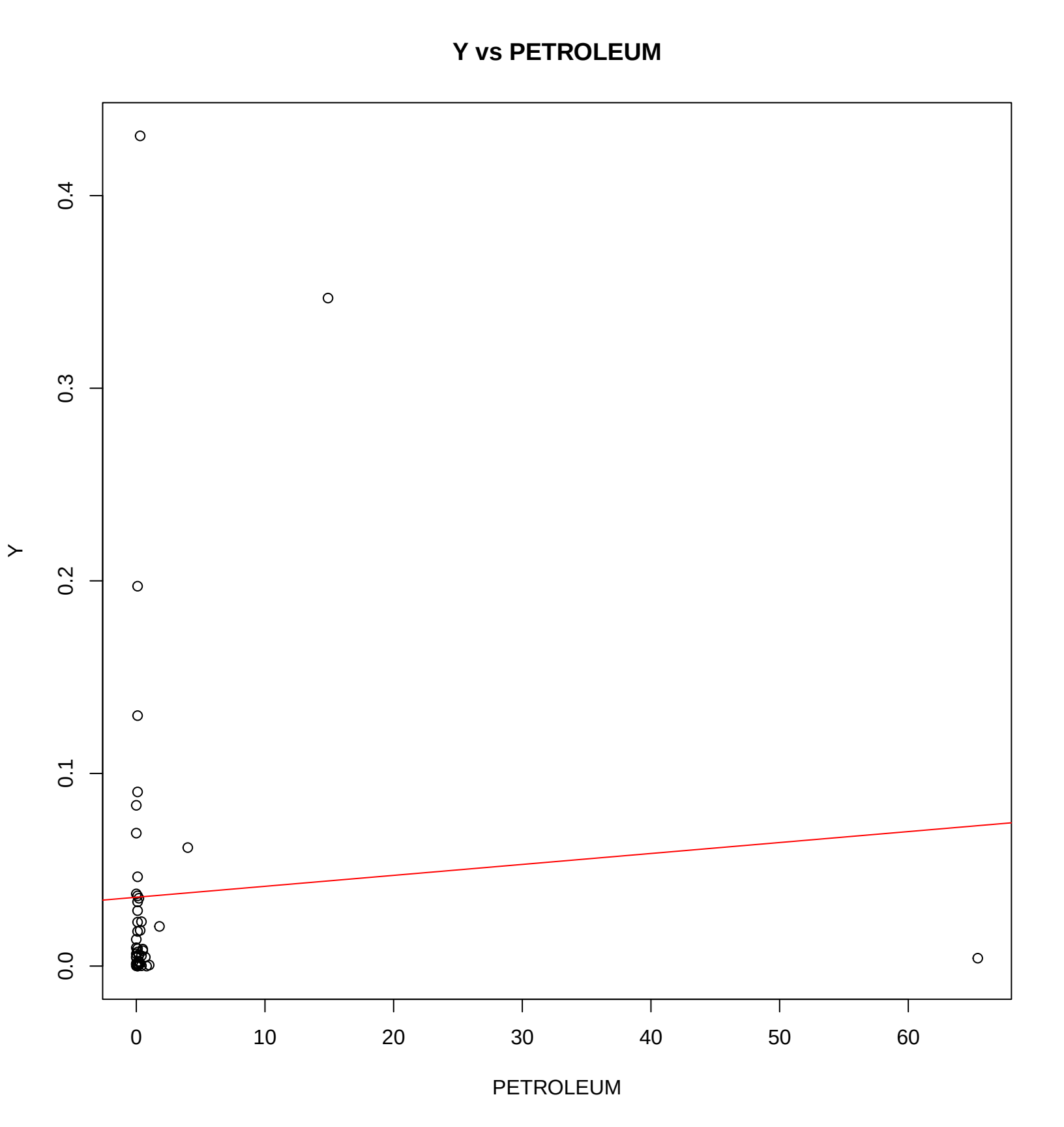
| | Y | NUCLEAR | COAL | NATURAL.GAS | PETROLEUM | HYDRO | GEOTHERMAL | SOLAR | WIND | BIOMASS |
|---|---|---|---|---|---|---|---|---|---|---|
| Y | 1.00 | −0.27 | 0.40 | −0.24 | 0.07 | 0.08 | −0.08 | −0.22 | 0.08 | −0.18 |
| NUCLEAR | −0.27 | 1.00 | −0.27 | 0.08 | −0.15 | −0.26 | −0.18 | −0.18 | −0.39 | −0.11 |
| COAL | 0.40 | −0.27 | 1.00 | −0.53 | −0.08 | −0.29 | −0.17 | −0.30 | 0.15 | −0.38 |
| NATURAL.GAS | −0.24 | 0.08 | −0.53 | 1.00 | −0.18 | −0.30 | 0.16 | 0.27 | −0.49 | 0.00 |
| PETROLEUM | 0.07 | −0.15 | −0.08 | −0.18 | 1.00 | −0.04 | 0.11 | 0.08 | −0.06 | 0.11 |
| HYDRO | 0.08 | −0.26 | −0.29 | −0.30 | −0.04 | 1.00 | −0.04 | −0.03 | 0.12 | 0.32 |
| GEOTHERMAL | −0.08 | −0.18 | −0.17 | 0.16 | 0.11 | −0.04 | 1.00 | 0.75 | −0.11 | −0.04 |
| SOLAR | −0.22 | −0.18 | −0.30 | 0.27 | 0.08 | −0.03 | 0.75 | 1.00 | −0.18 | 0.24 |
| WIND | 0.08 | −0.39 | 0.15 | −0.49 | −0.06 | 0.12 | −0.11 | −0.18 | 1.00 | −0.06 |
| BIOMASS | −0.18 | −0.11 | −0.38 | 0.00 | 0.11 | 0.32 | −0.04 | 0.24 | −0.06 | 1.00 |

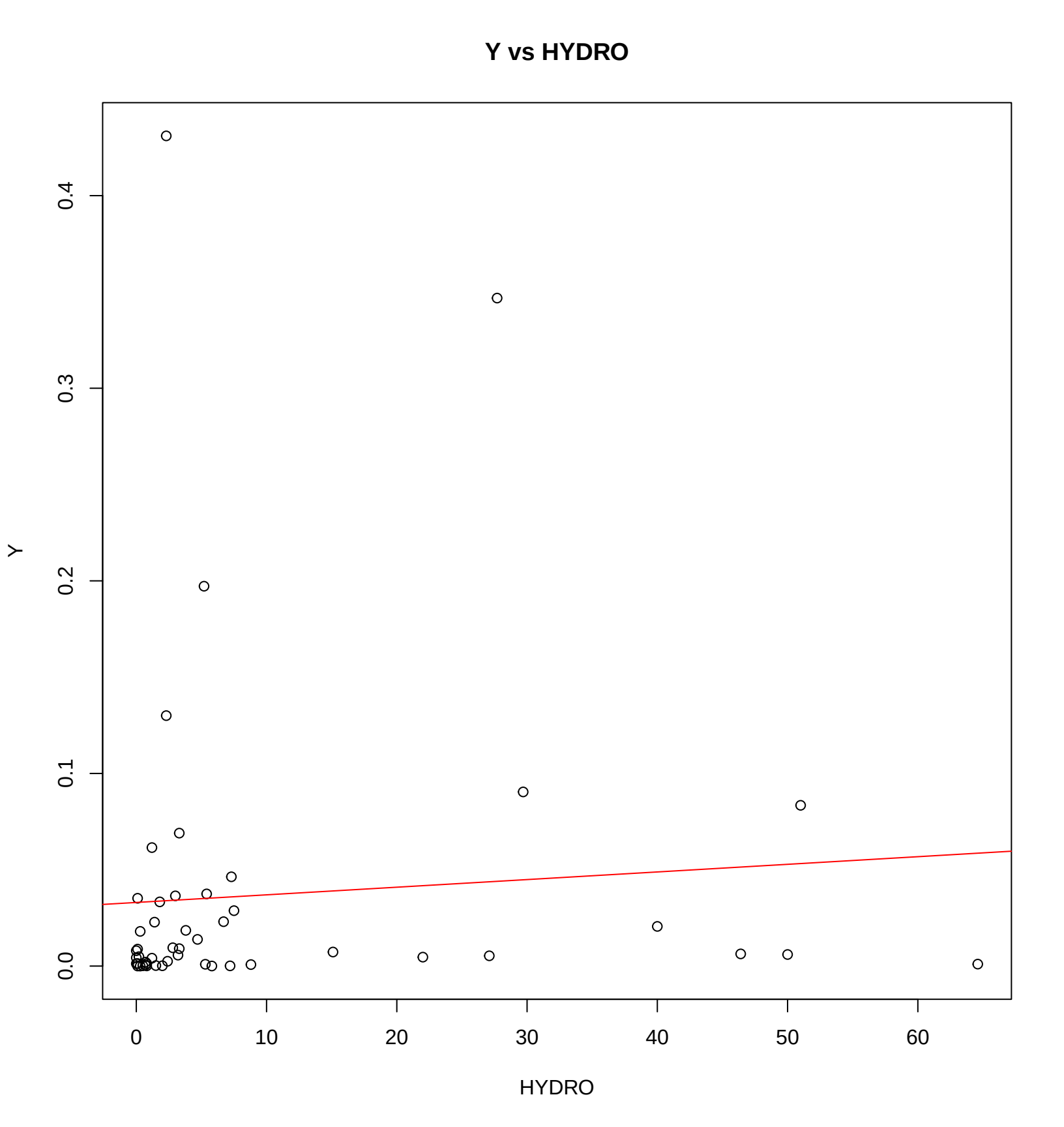


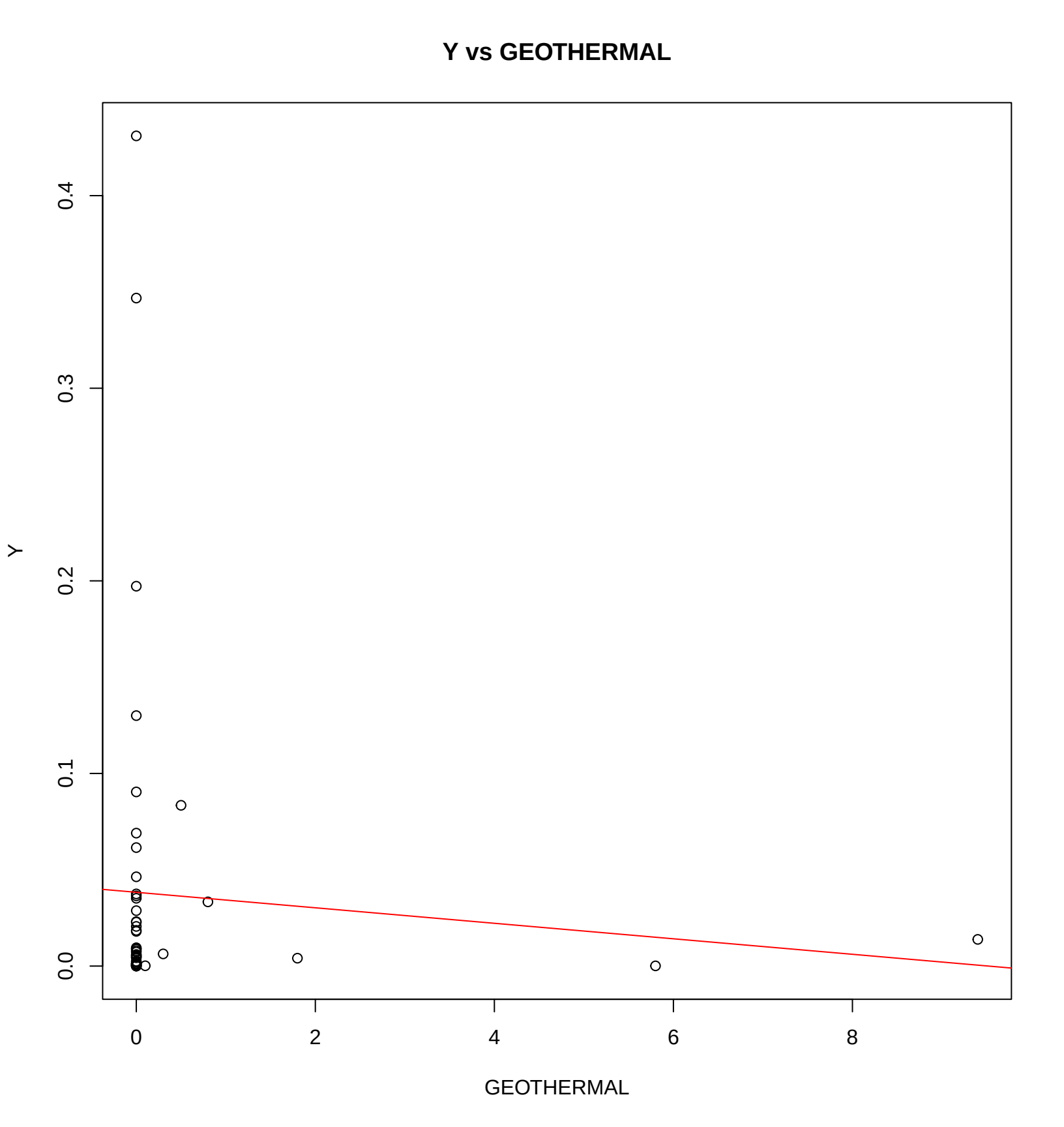

Y vs NUCLEAR
Y
0.0
0.1
0.2
0.3
0.4
0
10
20
30
40
50
NUCLEAR

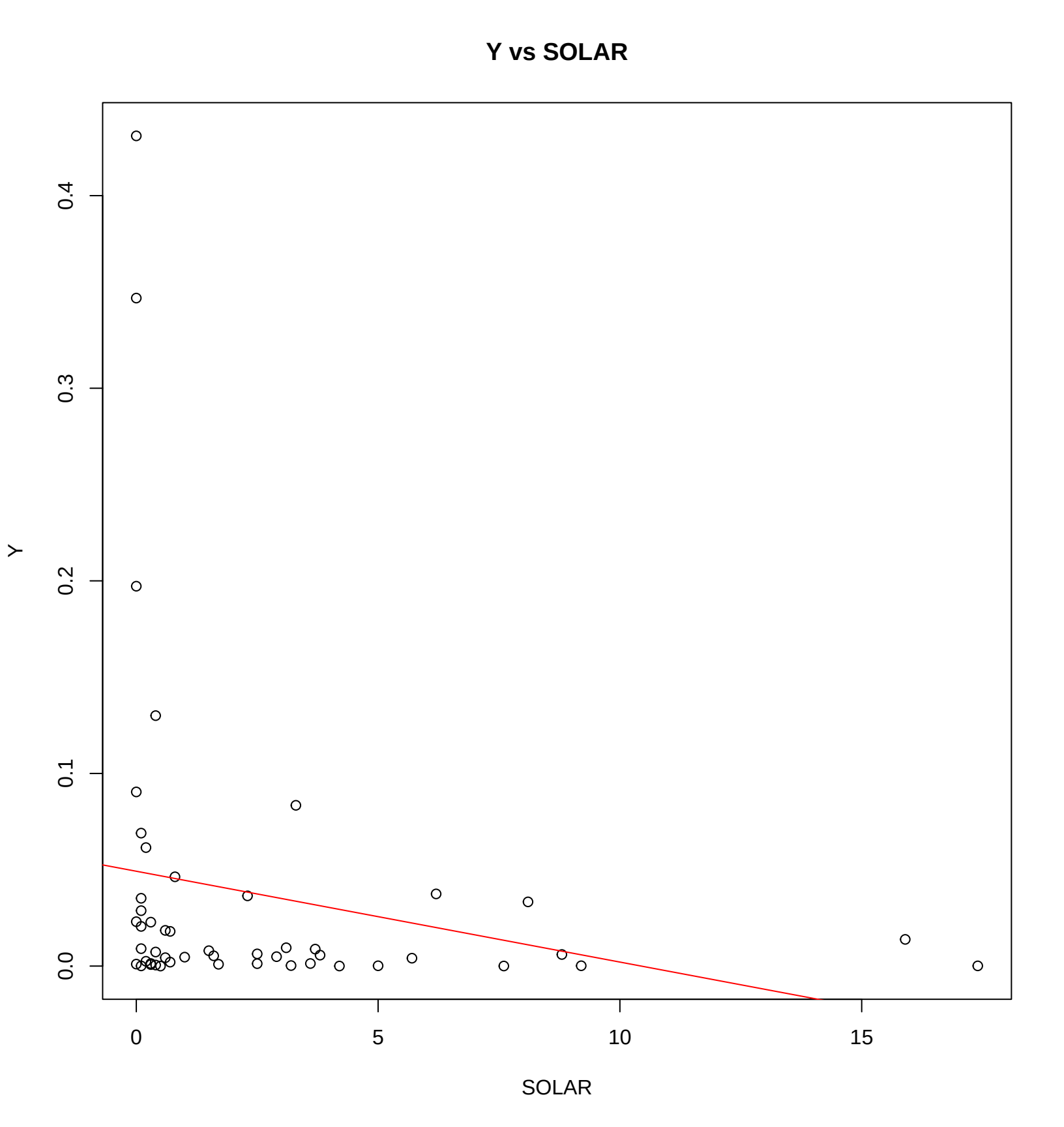

Y vs COAL
Y
0.0
0.1
0.2
0.3
0.4
0
20
40
60
80
COAL

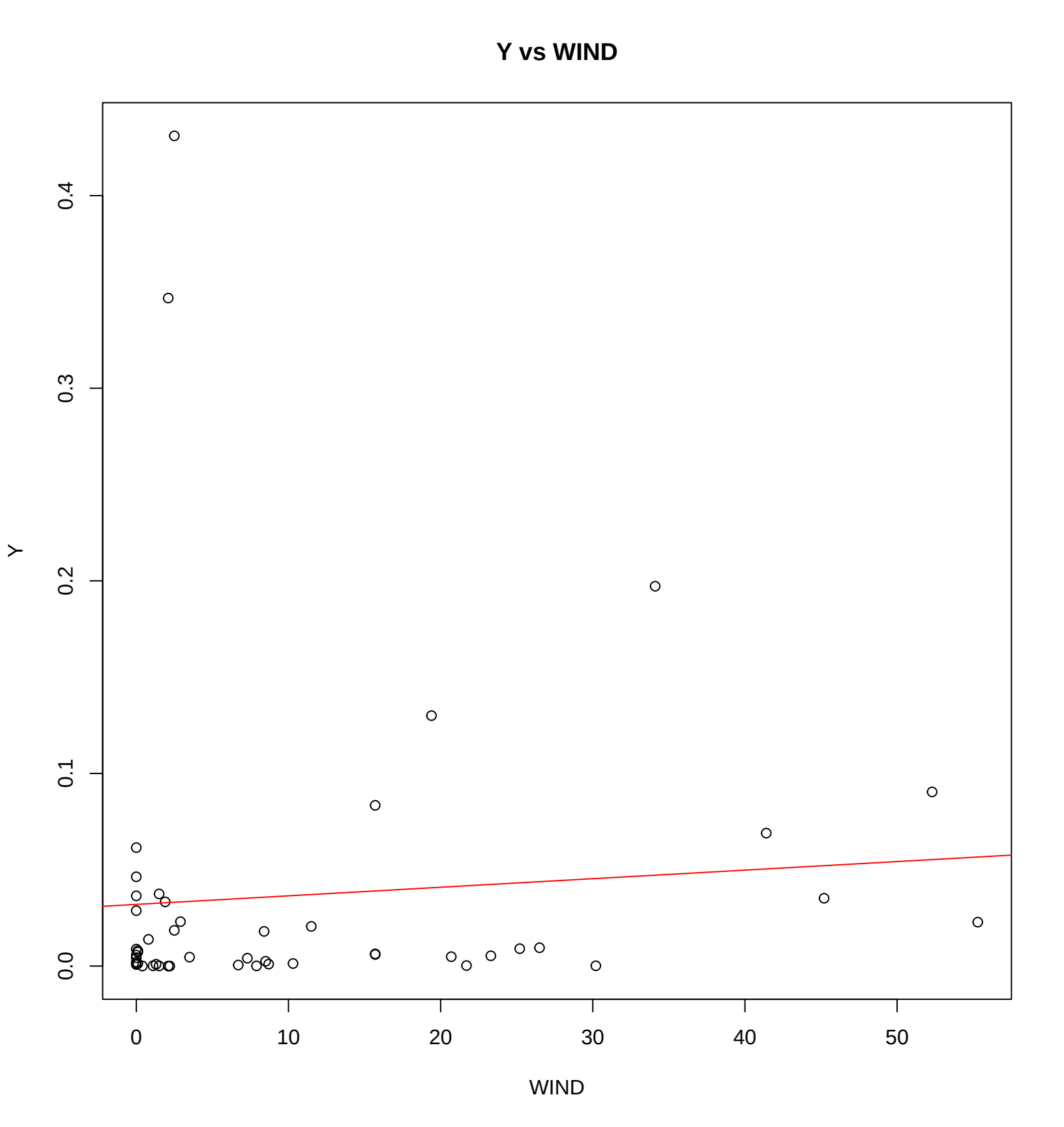

Y vs NATURAL.GAS
Y
0.0
0.1
0.2
0.3
0.4
0
20
40
60
80
NATURAL.GAS

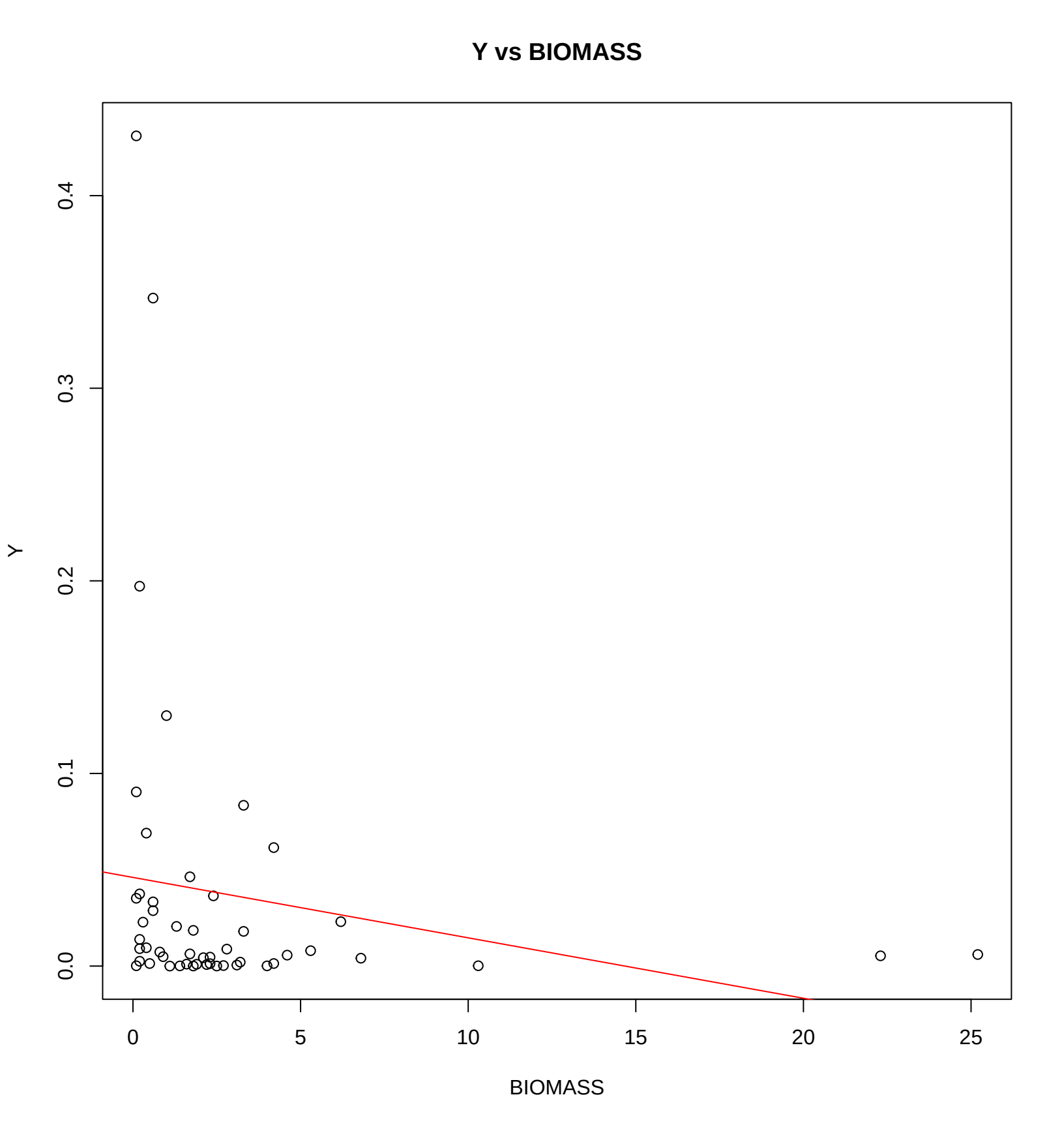

Y vs PETROLEUM
Y
0.0
0.1
0.2
0.3
0.4
0
10
20
30
40
50
60
PETROLEUM


Y vs HYDRO
Y
HYDRO
0.0
0.1
0.2
0.3
0.4
0
10
20
30
40
50
60

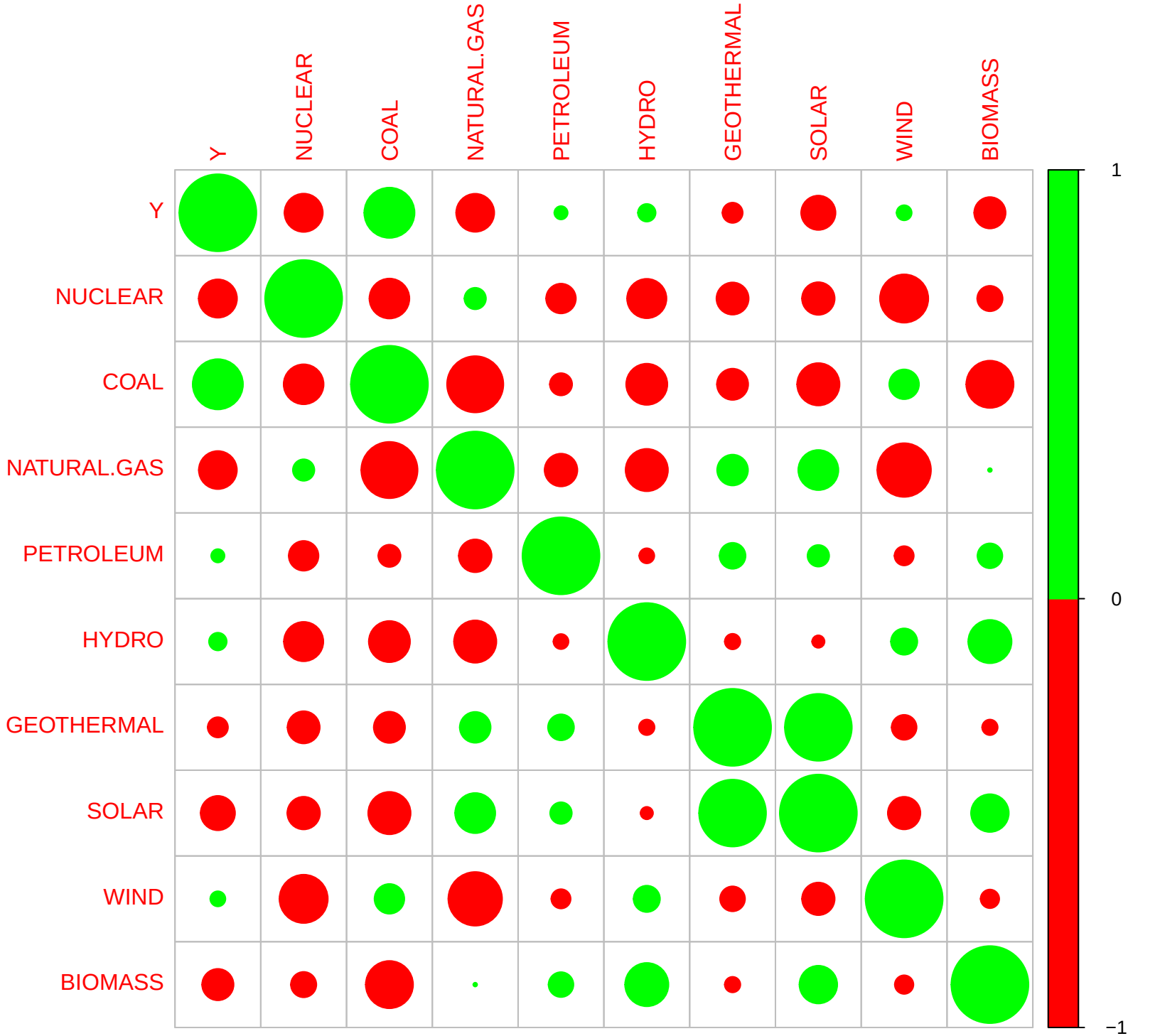

Y vs GEOTHERMAL
Y
0.0
0.1
0.2
0.3
0.4
0
2
4
6
8
GEOTHERMAL


Y vs SOLAR
Y
SOLAR
0.0
0.1
0.2
0.3
0.4
0
5
10
15


Y vs WIND
Y
WIND
0.0
0.1
0.2
0.3
0.4
0
10
20
30
40
50

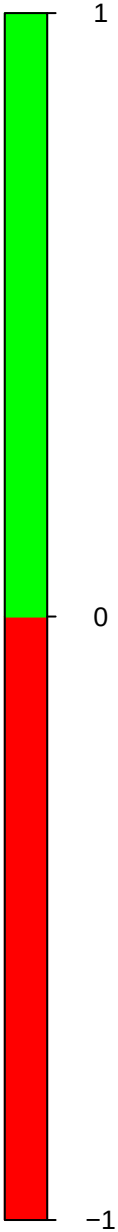

Y vs BIOMASS
Y
BIOMASS
0.0
0.1
0.2
0.3
0.4
0
5
10
15
20
25

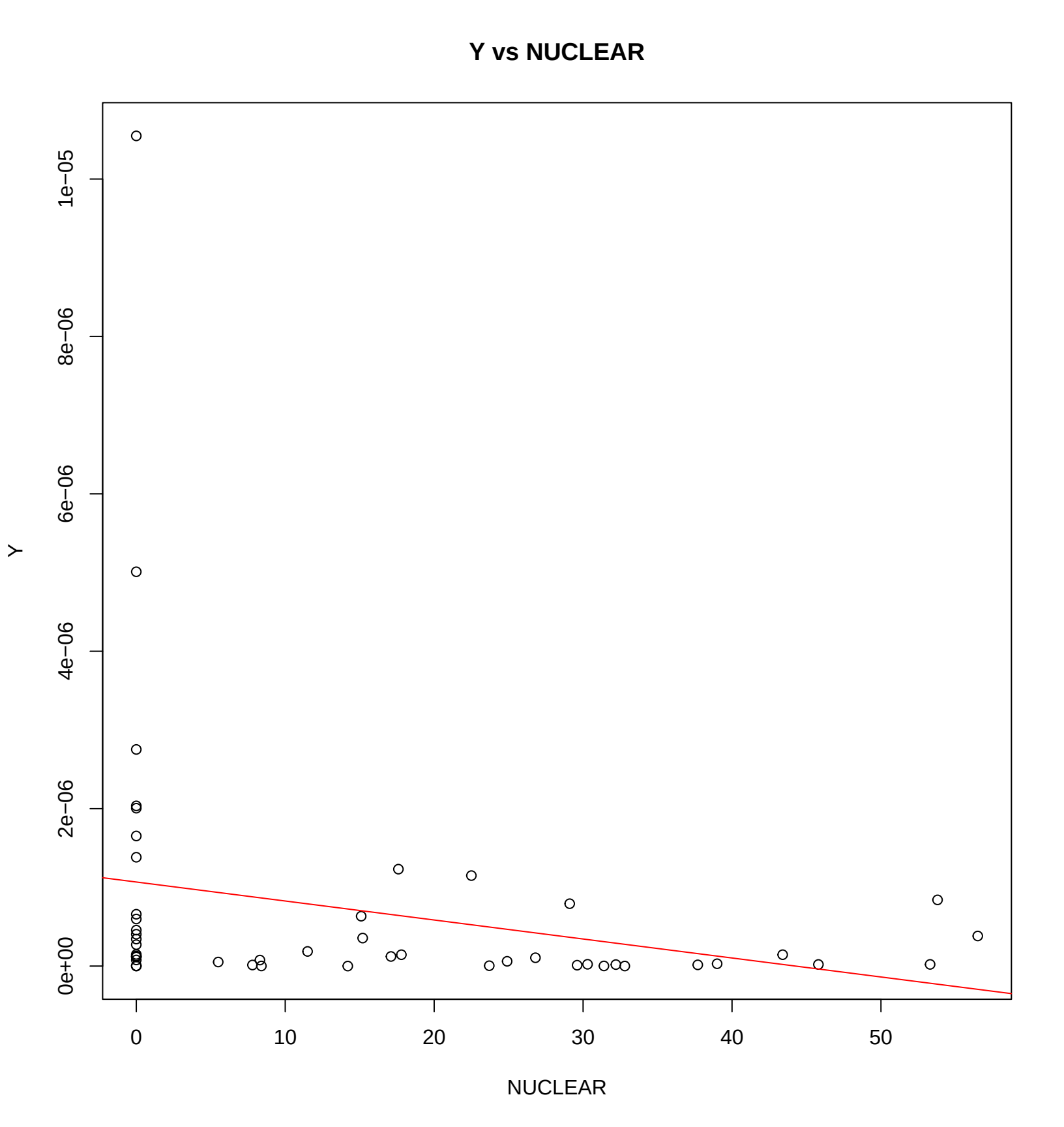
# Y= Oil Lobbying / State GDP

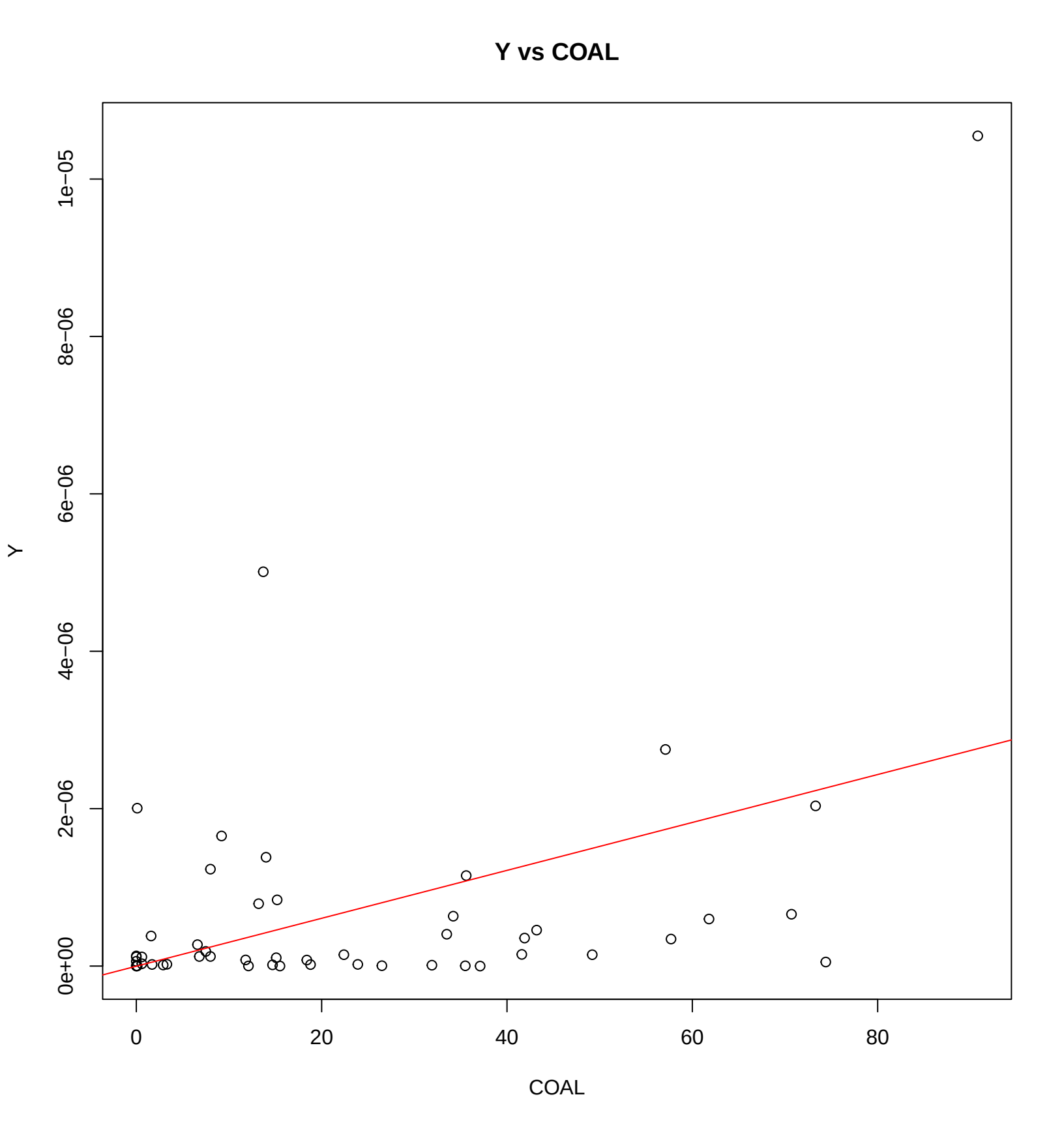


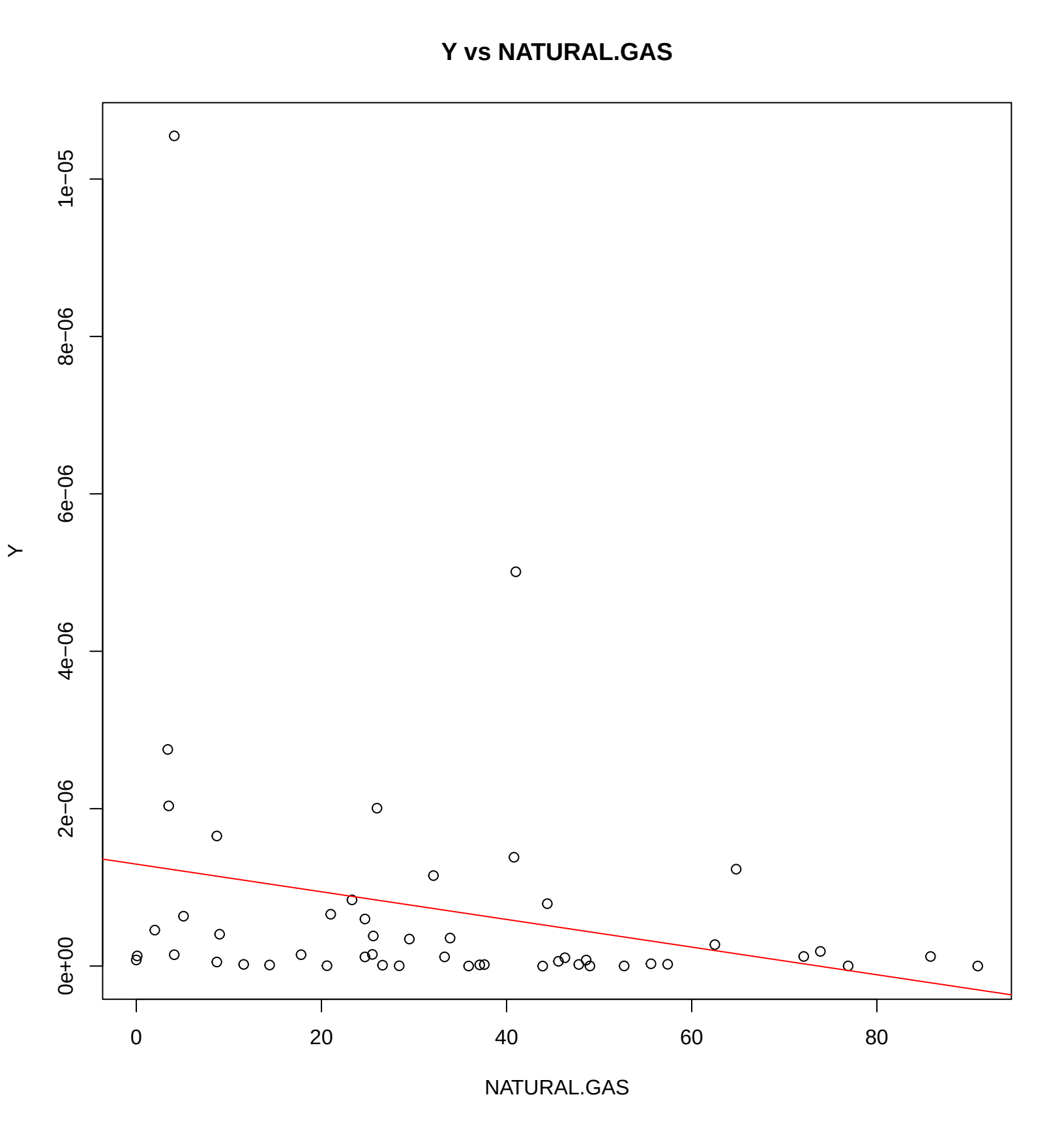
# Y= Oil Lobbying / State GDP

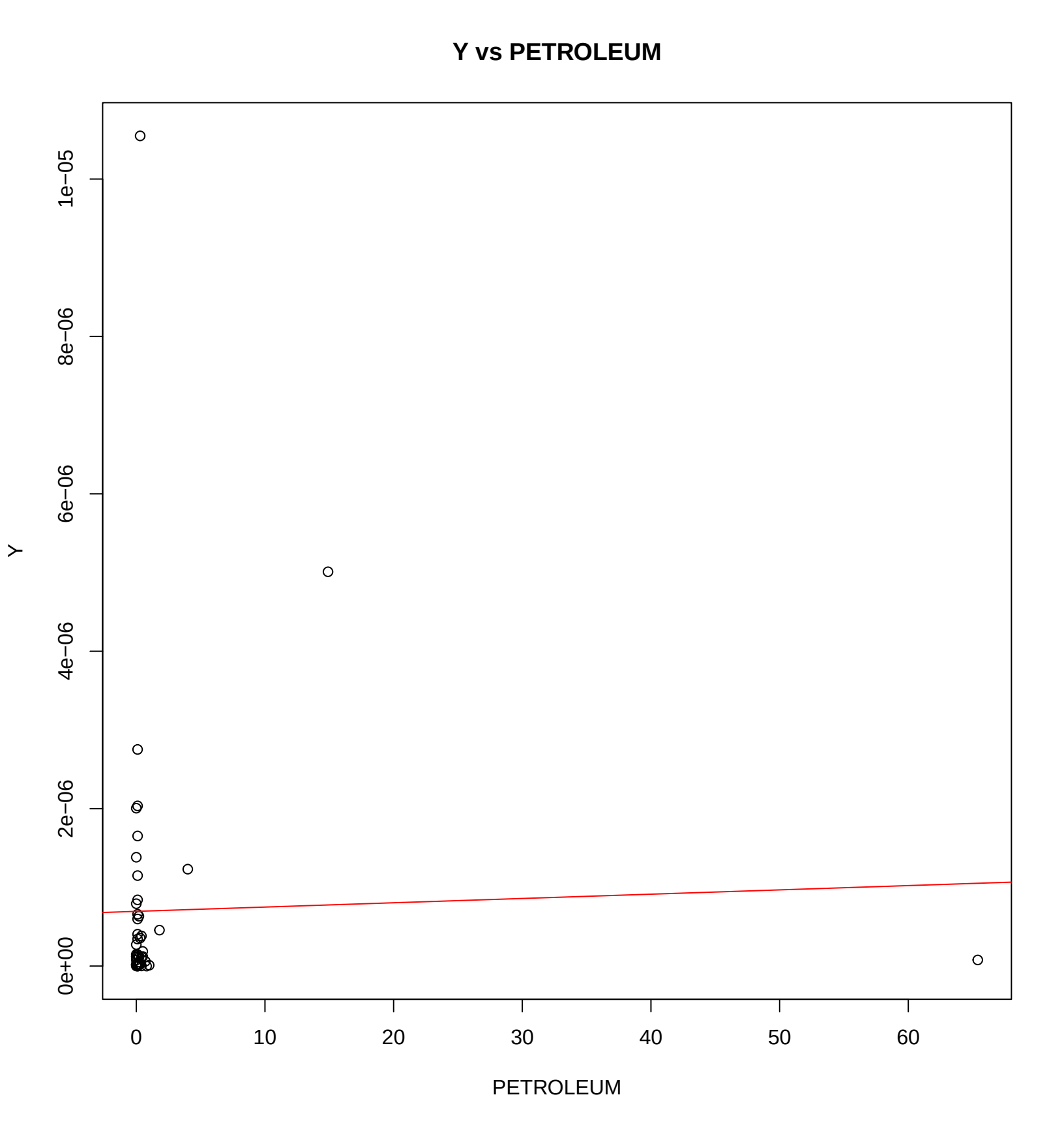
| | Y | NUCLEAR | COAL | NATURAL.GAS | PETROLEUM | HYDRO | GEOTHERMAL | SOLAR | WIND | BIOMASS |
|---|---|---|---|---|---|---|---|---|---|---|
| Y | 1.00 | −0.25 | 0.43 | −0.25 | 0.03 | 0.05 | −0.07 | −0.20 | 0.04 | −0.17 |
| NUCLEAR | −0.25 | 1.00 | −0.27 | 0.08 | −0.15 | −0.26 | −0.18 | −0.18 | −0.39 | −0.11 |
| COAL | 0.43 | −0.27 | 1.00 | −0.53 | −0.08 | −0.29 | −0.17 | −0.30 | 0.15 | −0.38 |
| NATURAL.GAS | −0.25 | 0.08 | −0.53 | 1.00 | −0.18 | −0.30 | 0.16 | 0.27 | −0.49 | 0.00 |
| PETROLEUM | 0.03 | −0.15 | −0.08 | −0.18 | 1.00 | −0.04 | 0.11 | 0.08 | −0.06 | 0.11 |
| HYDRO | 0.05 | −0.26 | −0.29 | −0.30 | −0.04 | 1.00 | −0.04 | −0.03 | 0.12 | 0.32 |
| GEOTHERMAL | −0.07 | −0.18 | −0.17 | 0.16 | 0.11 | −0.04 | 1.00 | 0.75 | −0.11 | −0.04 |
| SOLAR | −0.20 | −0.18 | −0.30 | 0.27 | 0.08 | −0.03 | 0.75 | 1.00 | −0.18 | 0.24 |
| WIND | 0.04 | −0.39 | 0.15 | −0.49 | −0.06 | 0.12 | −0.11 | −0.18 | 1.00 | −0.06 |
| BIOMASS | −0.17 | −0.11 | −0.38 | 0.00 | 0.11 | 0.32 | −0.04 | 0.24 | −0.06 | 1.00 |

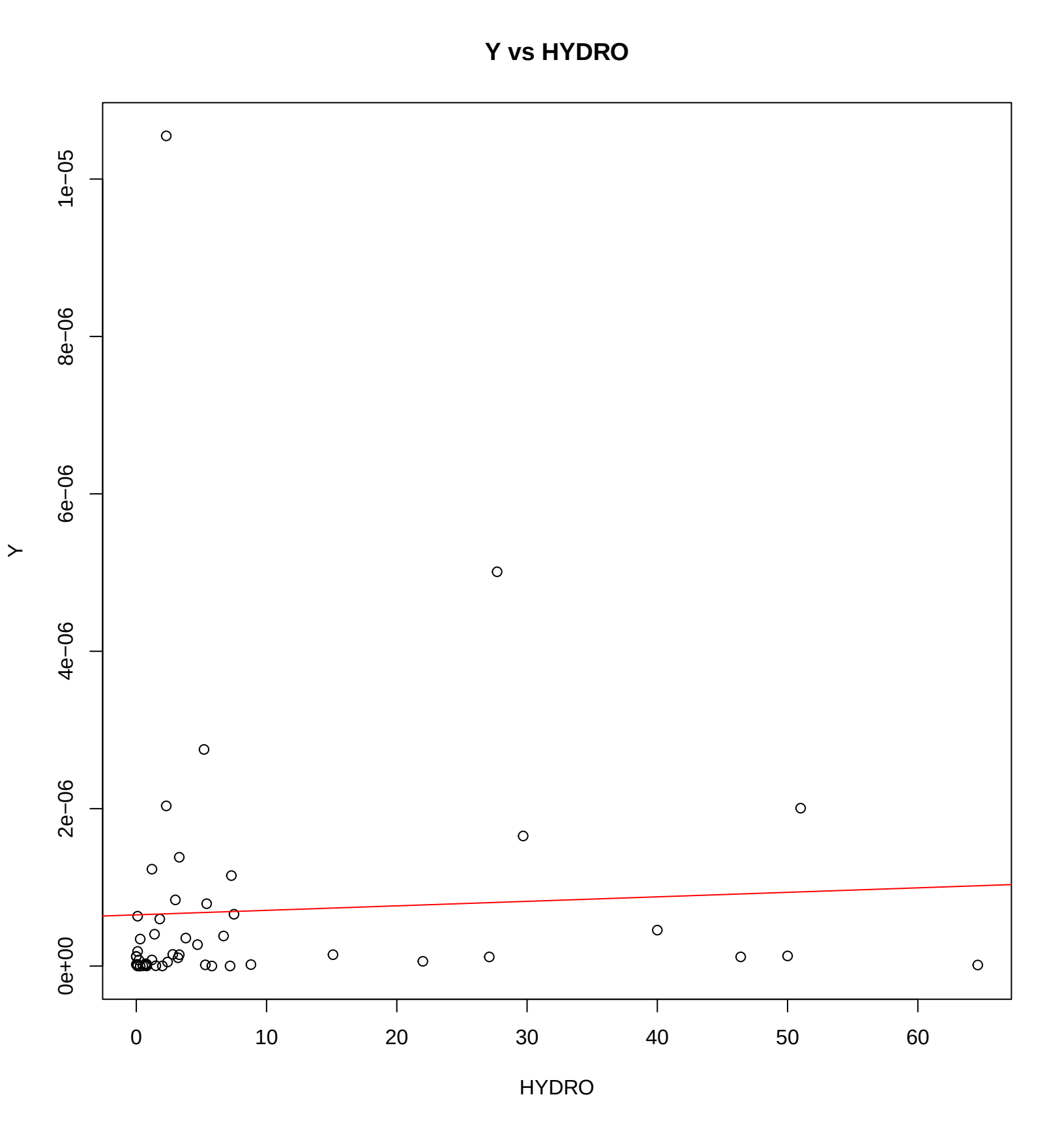



Y vs NUCLEAR
Y
NUCLEAR
0e+00
2e−06
4e−06
6e−06
8e−06
1e−05
0
10
20
30
40
50


Y vs COAL
Y
0e+00
2e−06
4e−06
6e−06
8e−06
1e−05
0
20
40
60
80
COAL


Y vs NATURAL.GAS
Y
NATURAL.GAS
0e+00
2e−06
4e−06
6e−06
8e−06
1e−05
0
20
40
60
80


Y vs PETROLEUM
Y
PETROLEUM
0e+00
2e−06
4e−06
6e−06
8e−06
1e−05
0
10
20
30
40
50
60


Y vs HYDRO
Y
HYDRO
0e+00
2e−06
4e−06
6e−06
8e−06
1e−05
0
10
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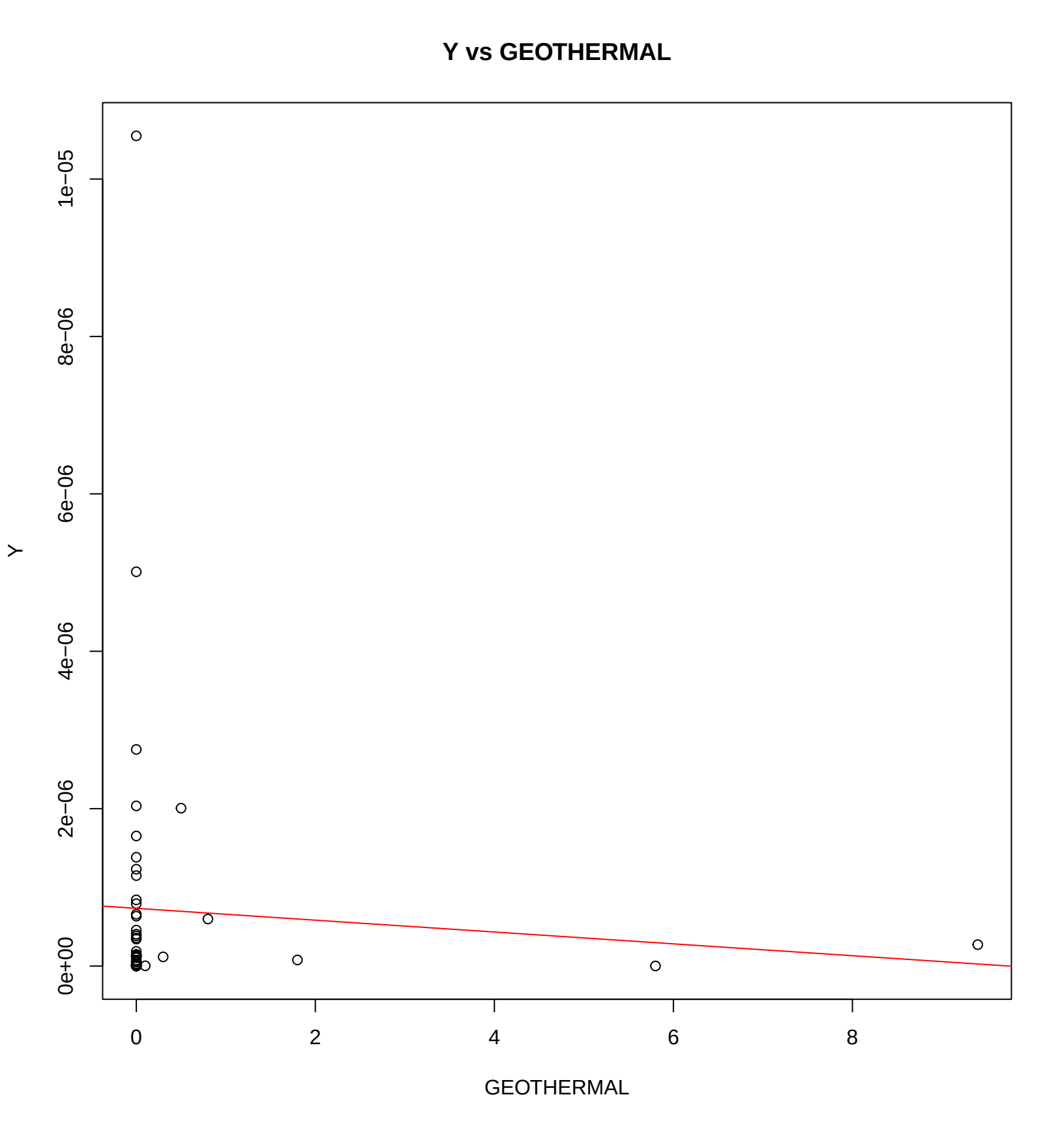
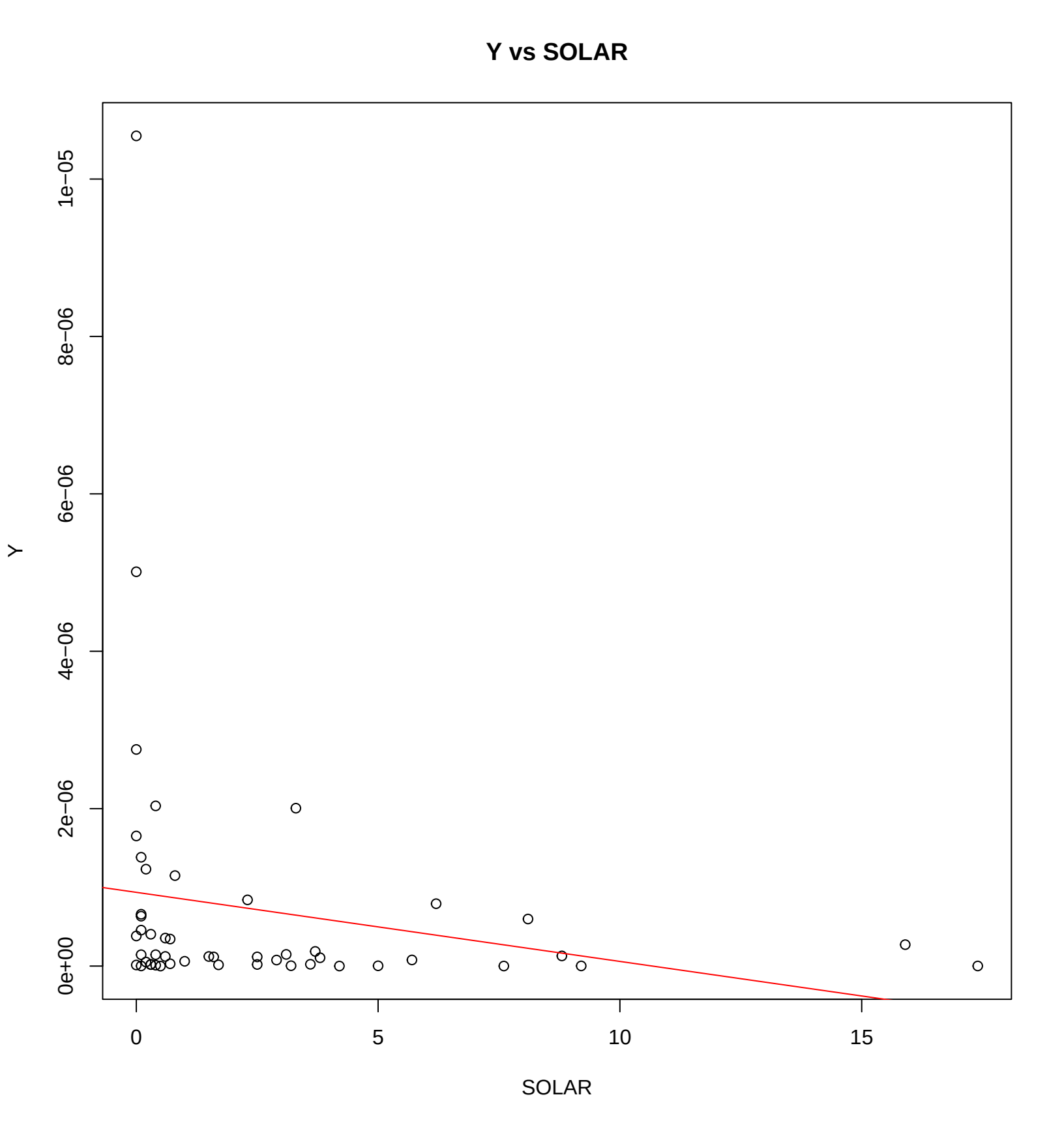
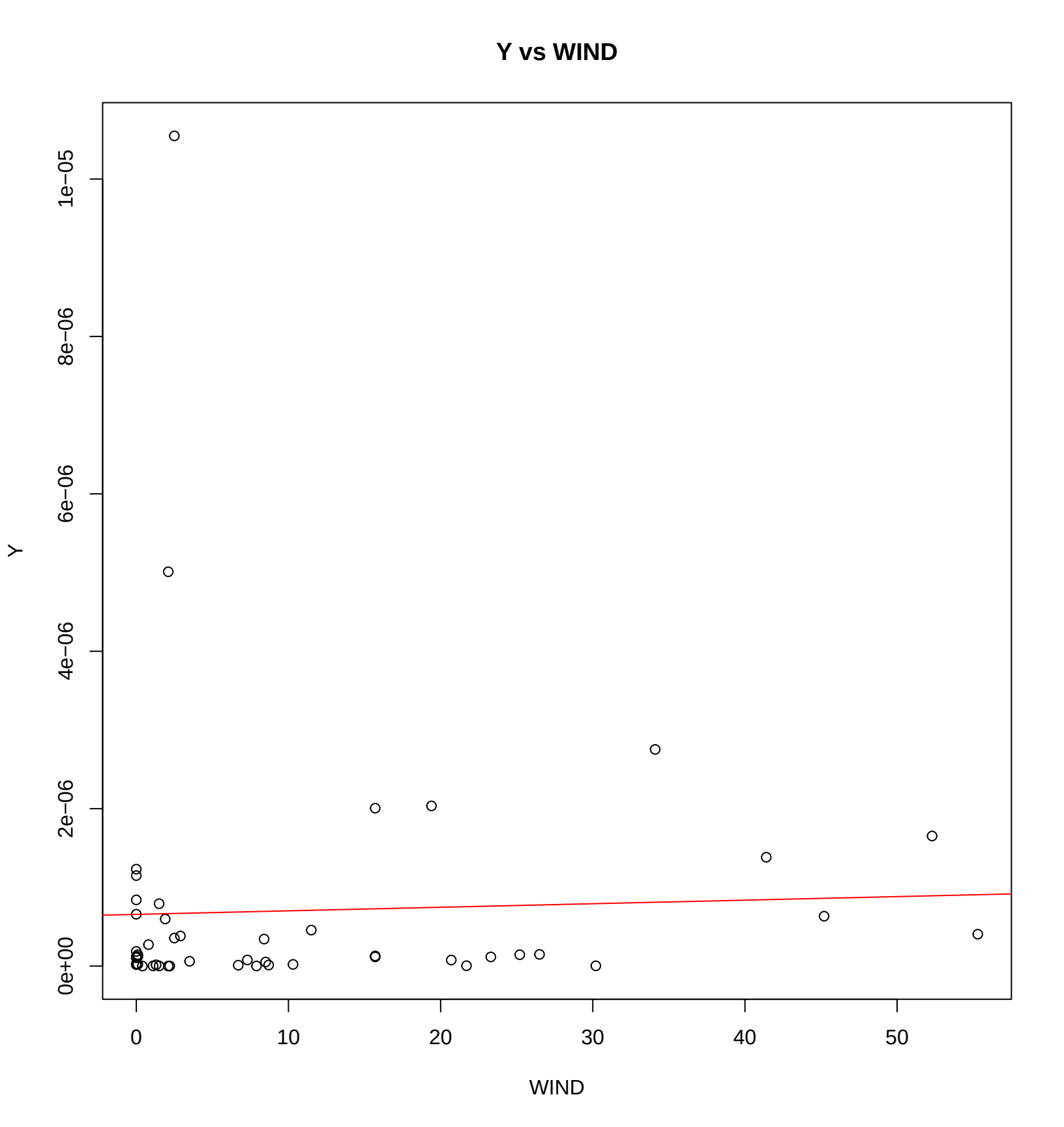
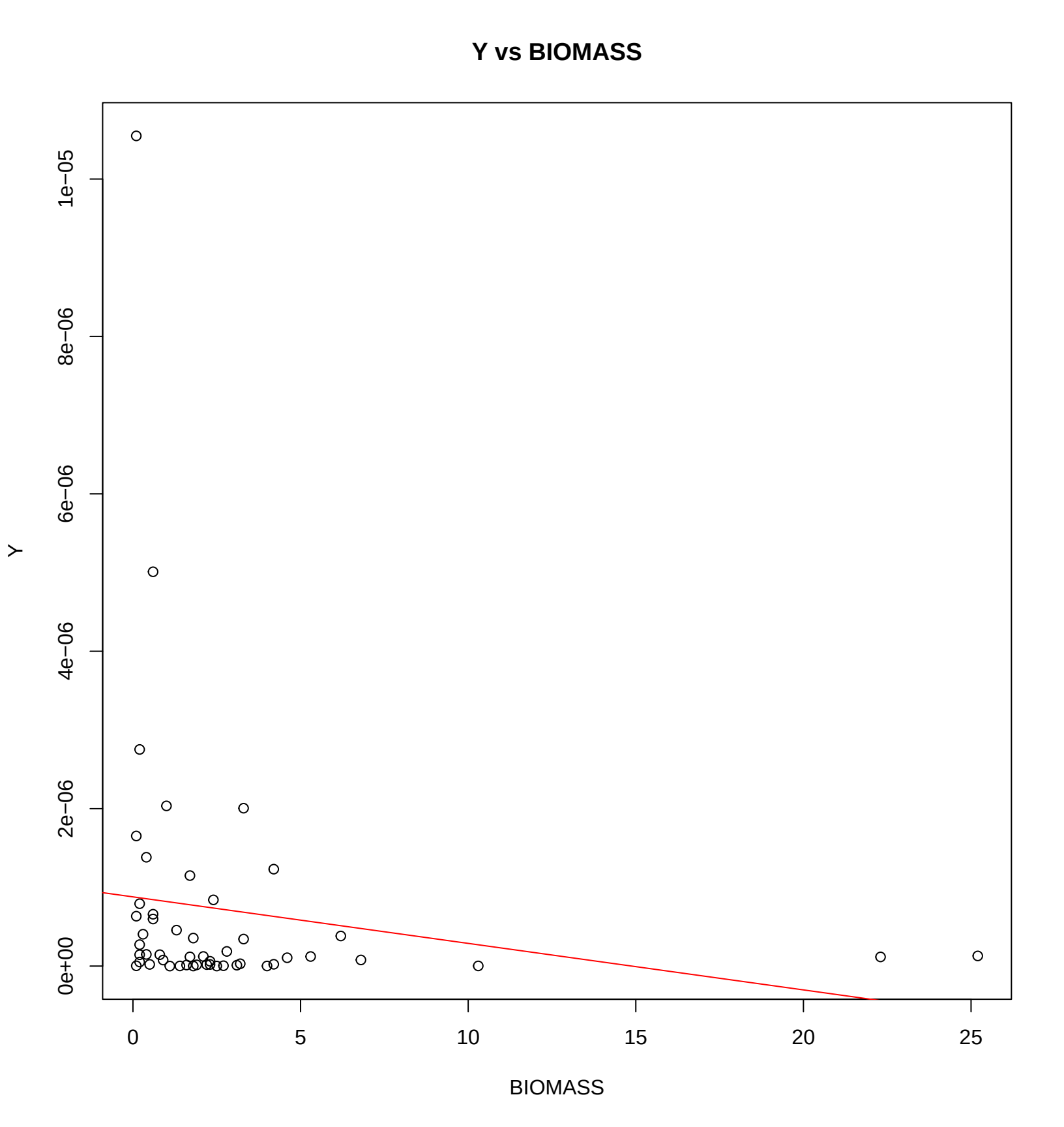
30
40
50
60

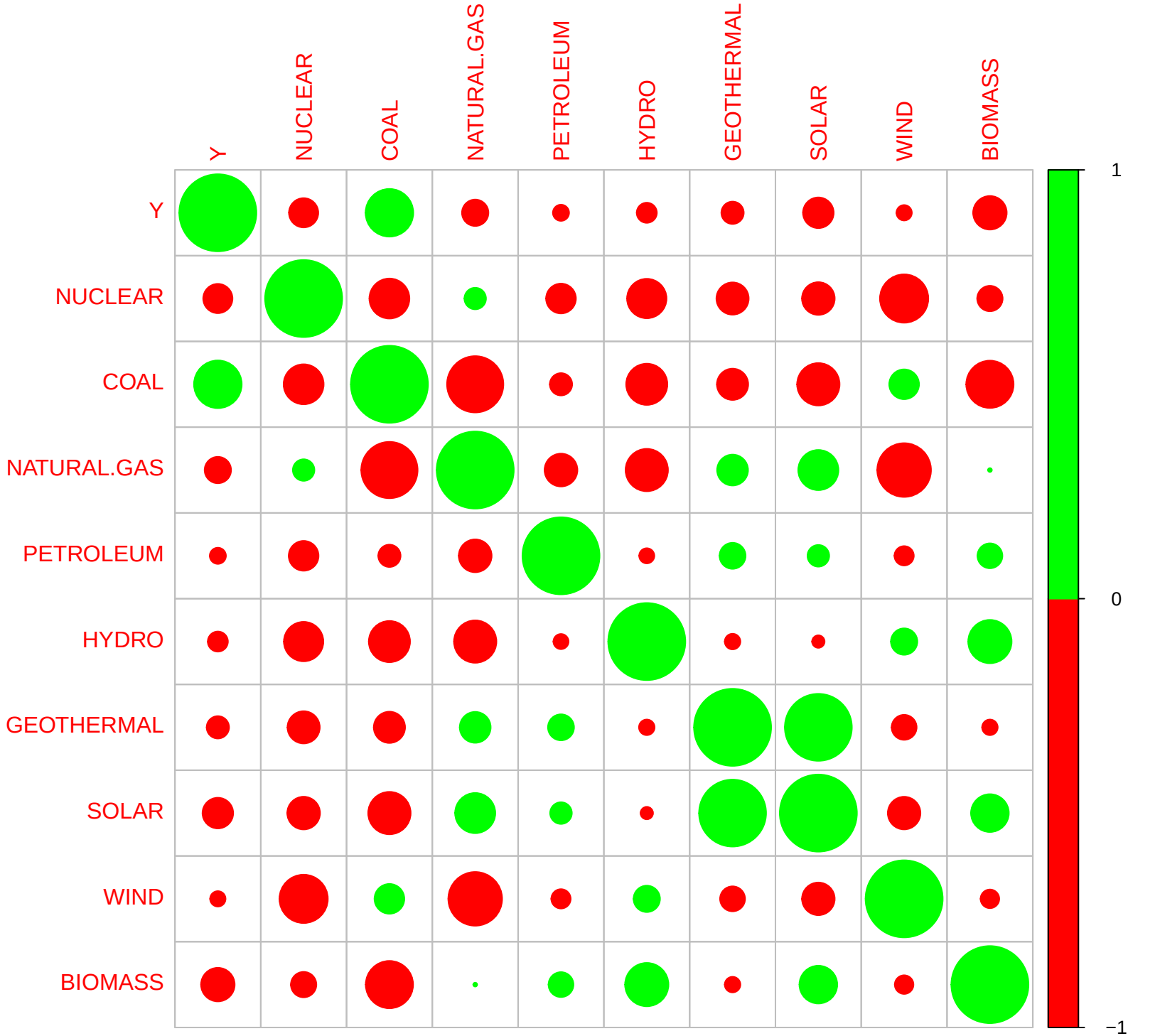

Y vs GEOTHERMAL
Y
0e+00
2e−06
4e−06
6e−06
8e−06
1e−05
0
2
4
6
8
GEOTHERMAL


Y vs SOLAR
Y
SOLAR
0e+00
2e−06
4e−06
6e−06
8e−06
1e−05
0
5
10
15


Y vs WIND
Y
WIND
0e+00
2e−06
4e−06
6e−06
8e−06
1e−05
0
10
20
30
40
50

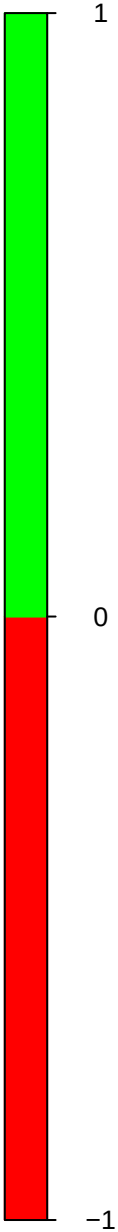

Y vs BIOMASS
Y
BIOMASS
0e+00
2e−06
4e−06
6e−06
8e−06
1e−05
0
5
10
15
20
25

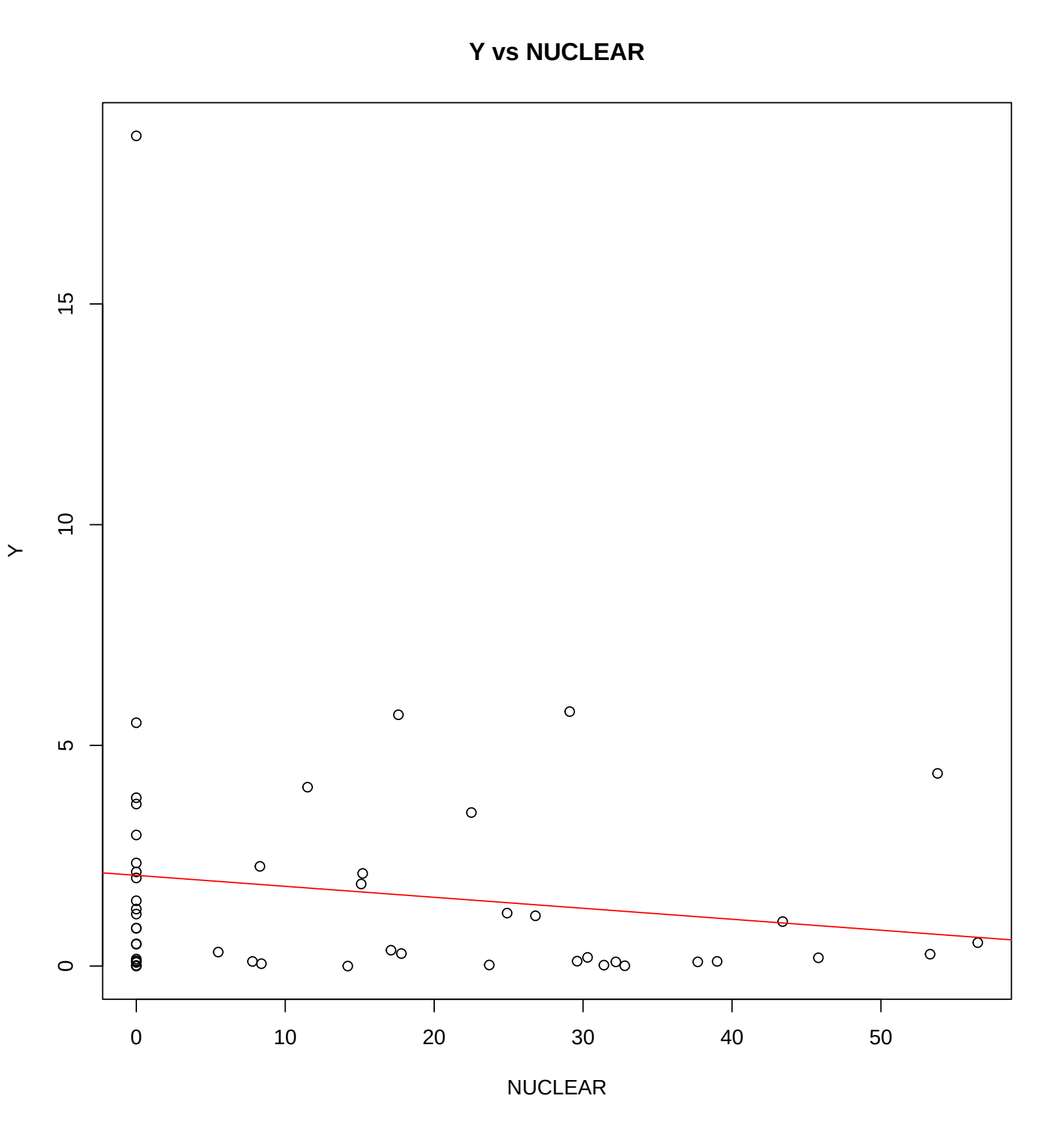
# Y= Oil Lobbying / State.GDP.Q4.2021 / Population

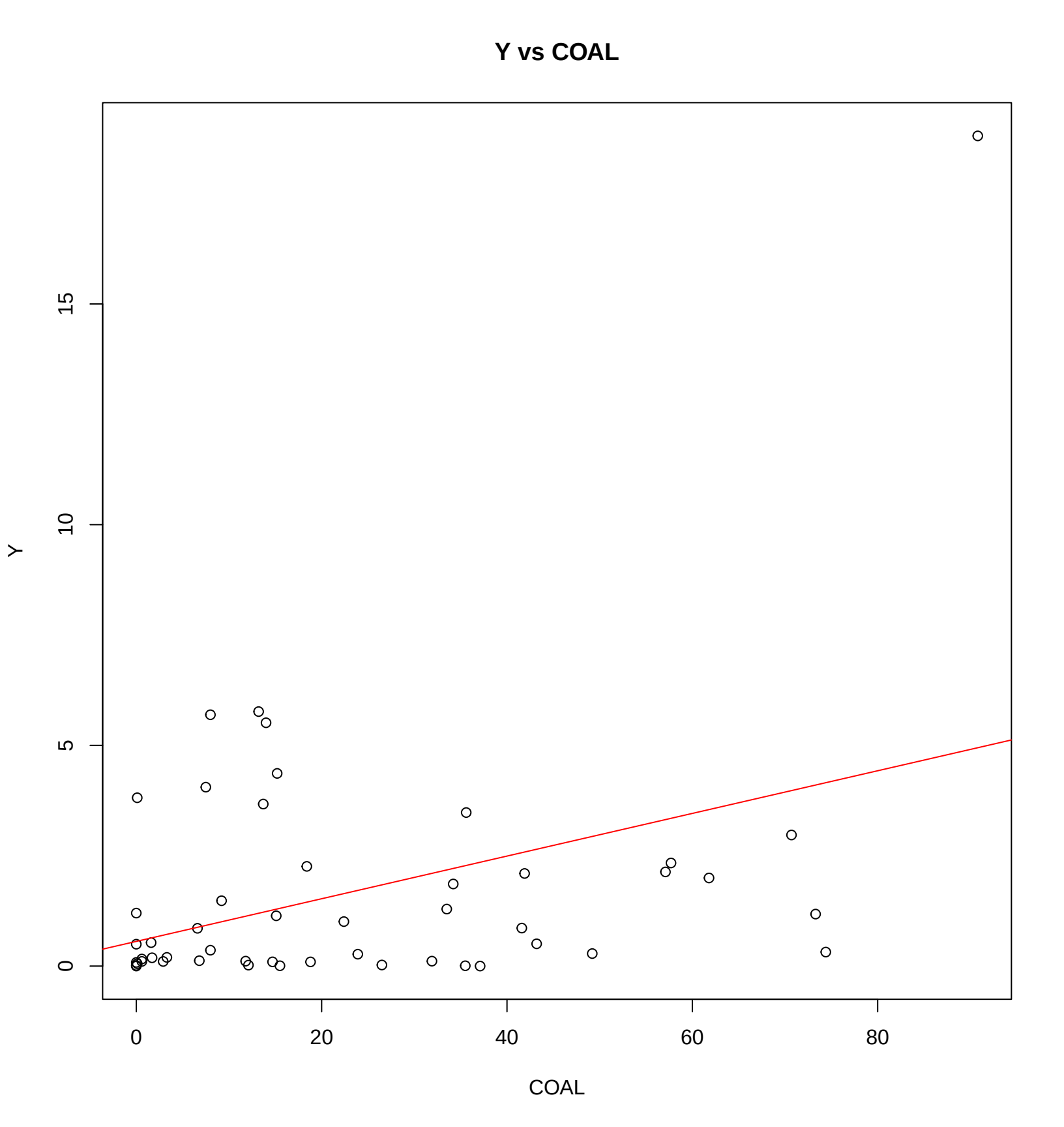


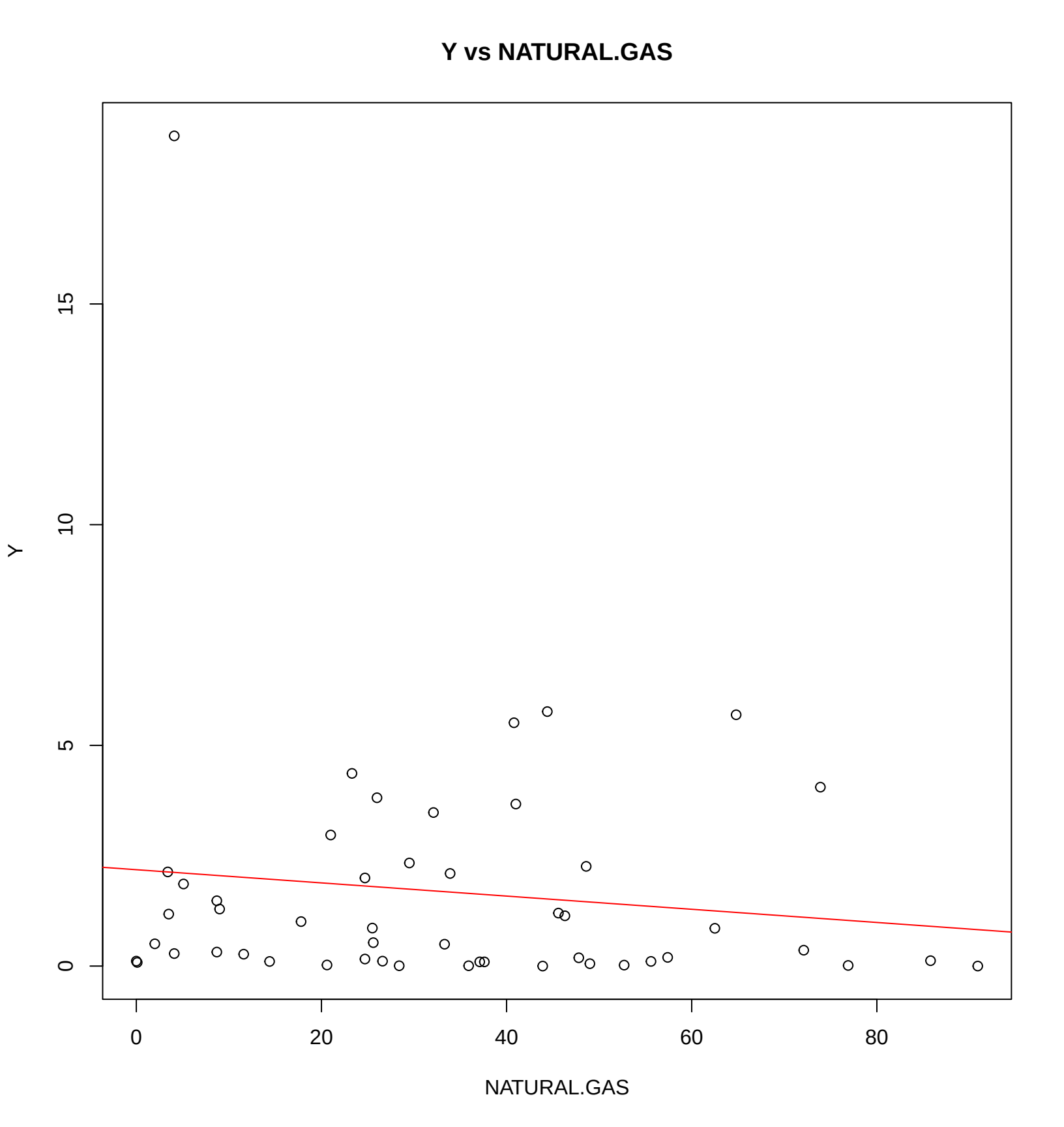
# Y= Oil Lobbying / State.GDP.Q4.2021 / Population

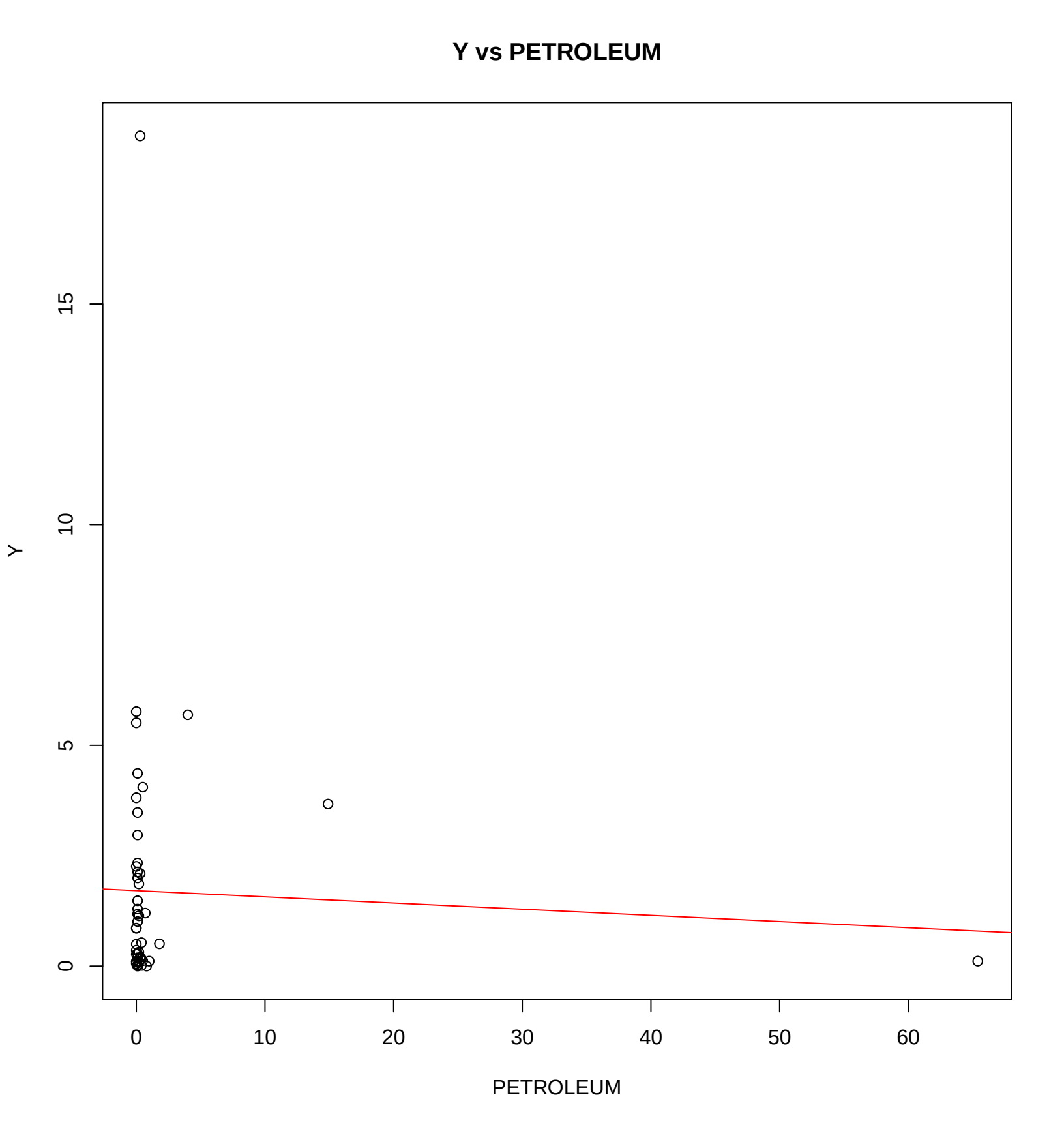
| | Y | NUCLEAR | COAL | NATURAL.GAS | PETROLEUM | HYDRO | GEOTHERMAL | SOLAR | WIND | BIOMASS |
|---|---|---|---|---|---|---|---|---|---|---|
| Y | 1.00 | −0.14 | 0.38 | −0.12 | −0.04 | −0.07 | −0.08 | −0.16 | −0.04 | −0.19 |
| NUCLEAR | −0.14 | 1.00 | −0.27 | 0.08 | −0.15 | −0.26 | −0.18 | −0.18 | −0.39 | −0.11 |
| COAL | 0.38 | −0.27 | 1.00 | −0.53 | −0.08 | −0.29 | −0.17 | −0.30 | 0.15 | −0.38 |
| NATURAL.GAS | −0.12 | 0.08 | −0.53 | 1.00 | −0.18 | −0.30 | 0.16 | 0.27 | −0.49 | 0.00 |
| PETROLEUM | −0.04 | −0.15 | −0.08 | −0.18 | 1.00 | −0.04 | 0.11 | 0.08 | −0.06 | 0.11 |
| HYDRO | −0.07 | −0.26 | −0.29 | −0.30 | −0.04 | 1.00 | −0.04 | −0.03 | 0.12 | 0.32 |
| GEOTHERMAL | −0.08 | −0.18 | −0.17 | 0.16 | 0.11 | −0.04 | 1.00 | 0.75 | −0.11 | −0.04 |
| SOLAR | −0.16 | −0.18 | −0.30 | 0.27 | 0.08 | −0.03 | 0.75 | 1.00 | −0.18 | 0.24 |
| WIND | −0.04 | −0.39 | 0.15 | −0.49 | −0.06 | 0.12 | −0.11 | −0.18 | 1.00 | −0.06 |
| BIOMASS | −0.19 | −0.11 | −0.38 | 0.00 | 0.11 | 0.32 | −0.04 | 0.24 | −0.06 | 1.00 |

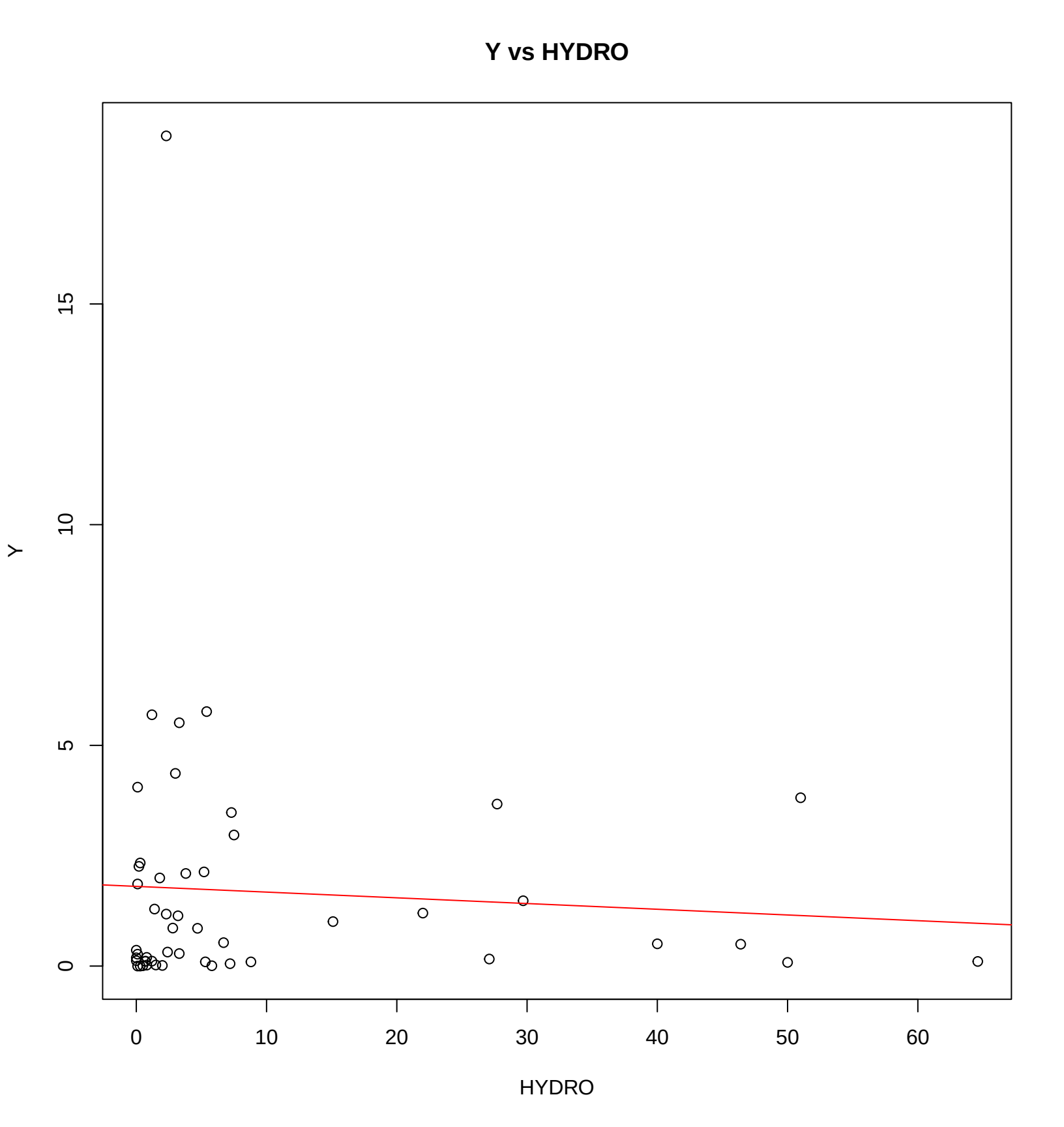


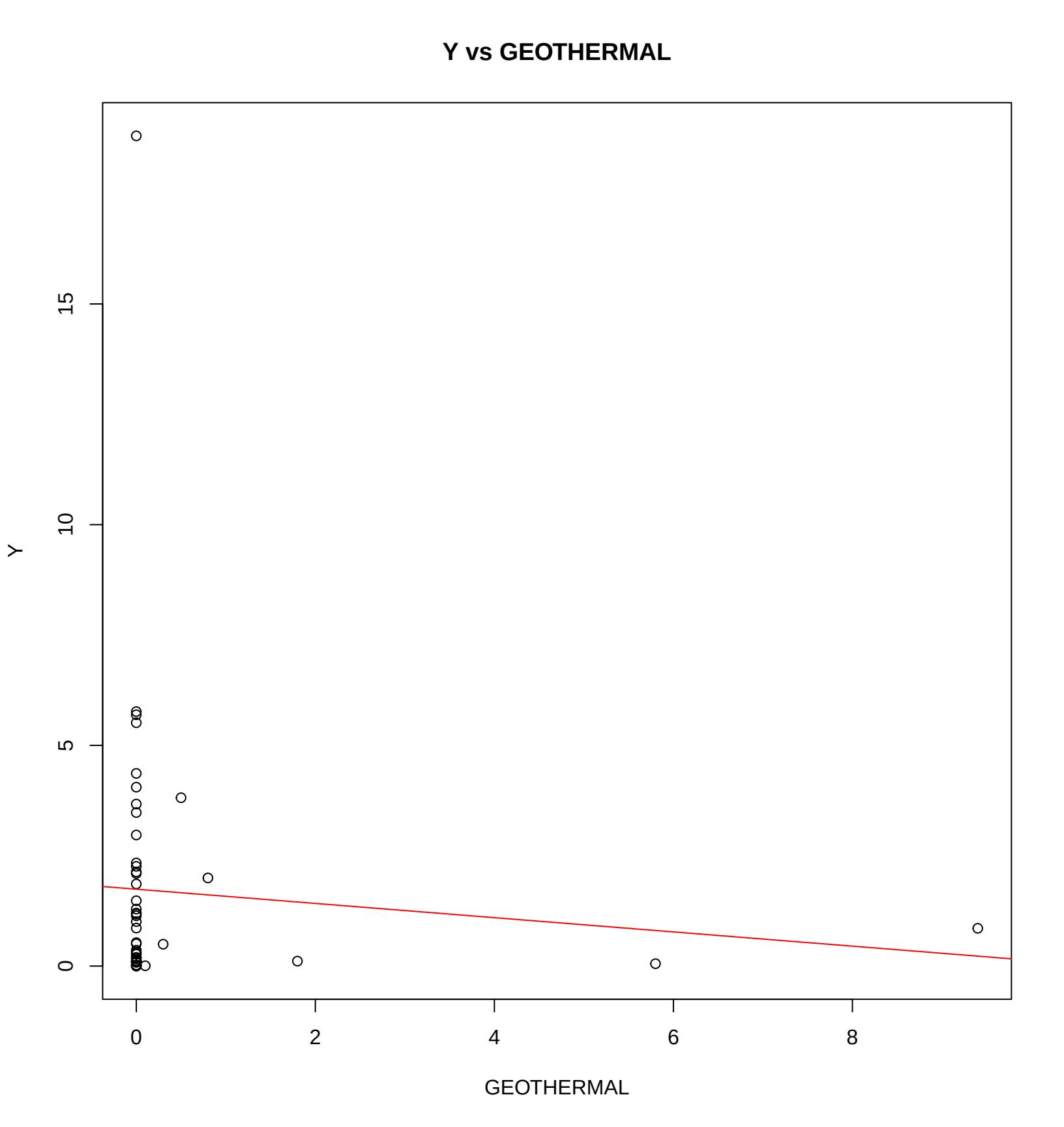

Y vs NUCLEAR
Y
0
5
10
15
0
10
20
30
40
50
NUCLEAR

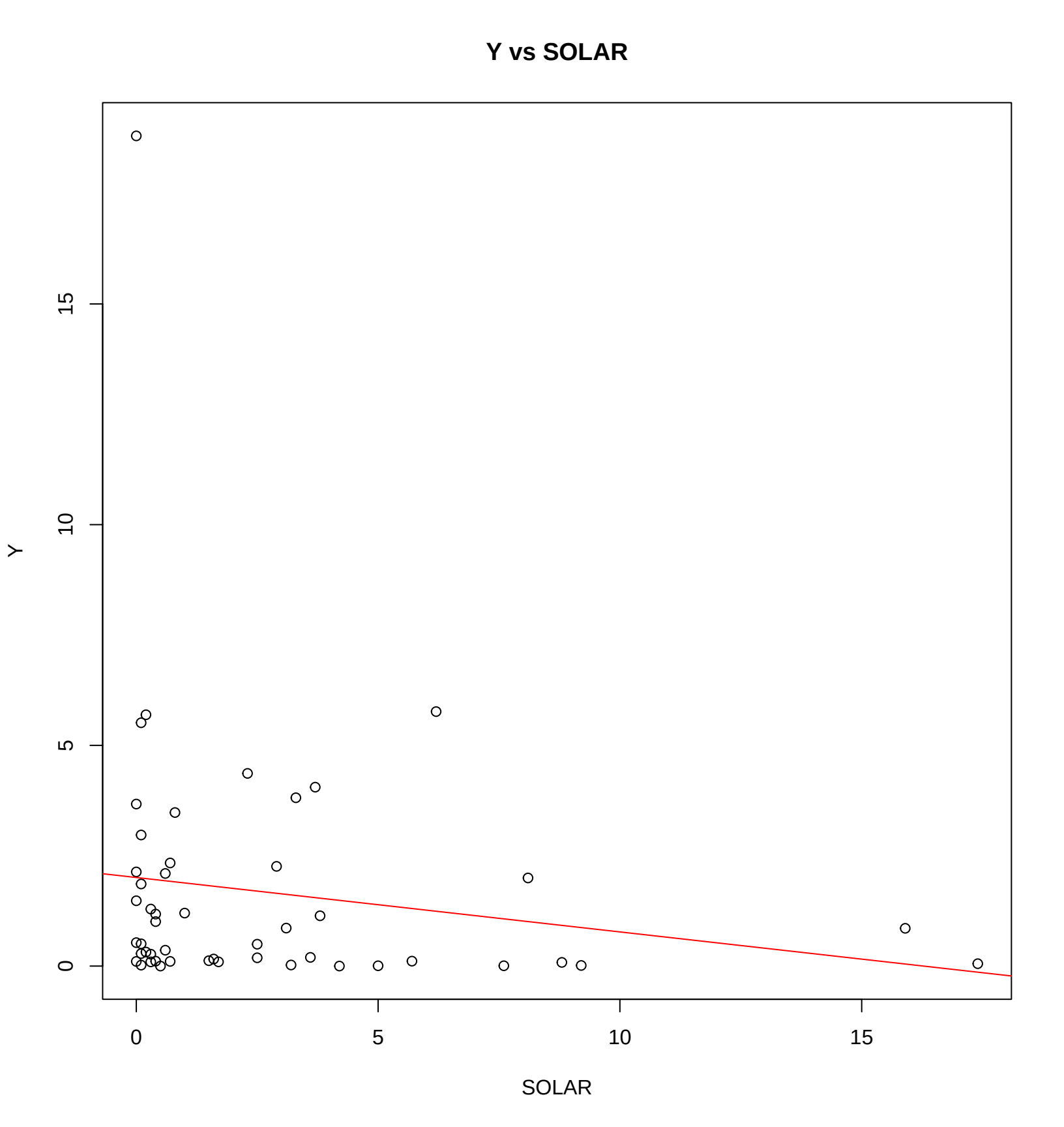

Y vs COAL
Y
0
5
10
15
0
20
40
60
80
COAL

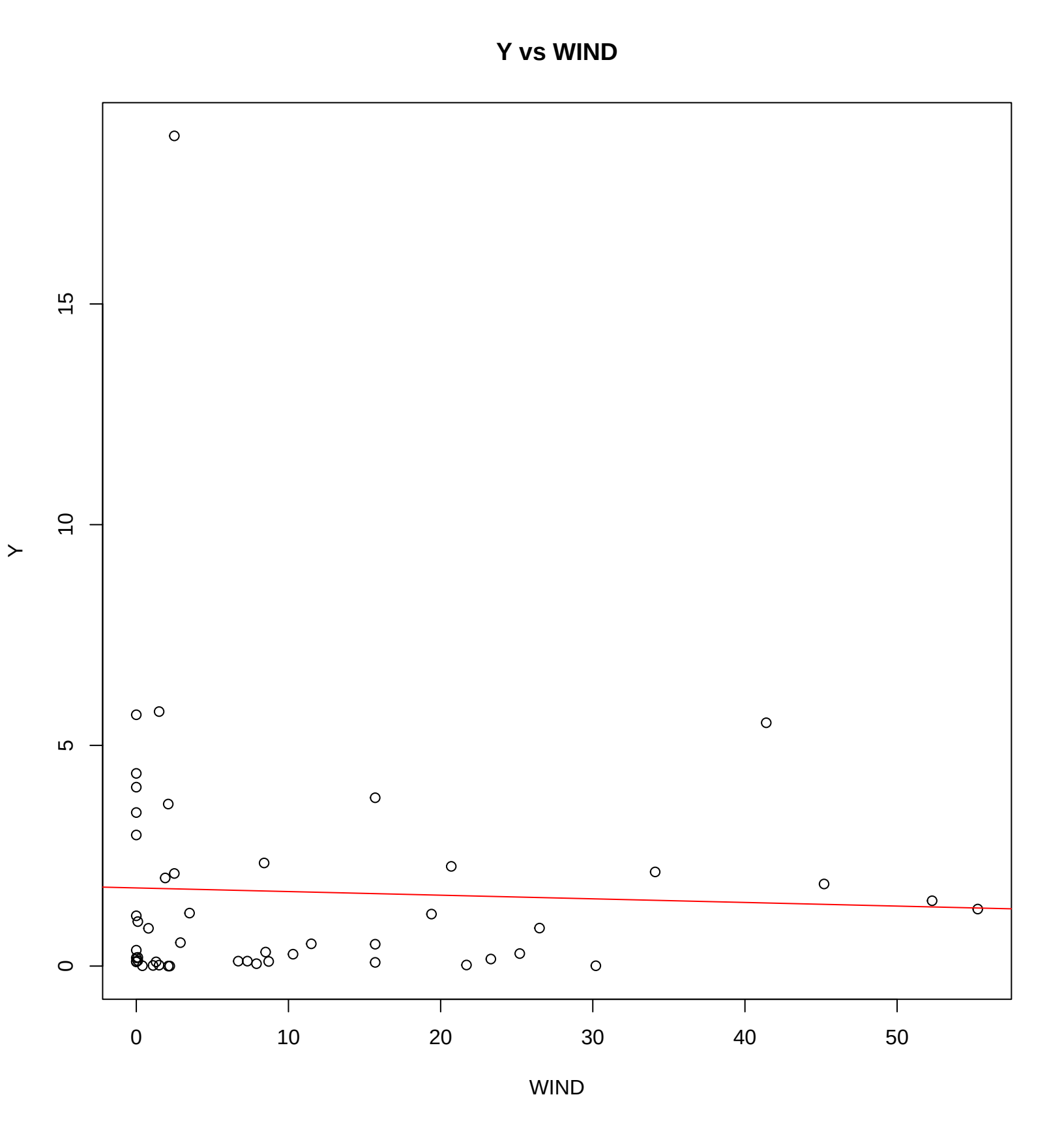

Y vs NATURAL.GAS
Y
0
5
10
15
0
20
40
60
80
NATURAL.GAS

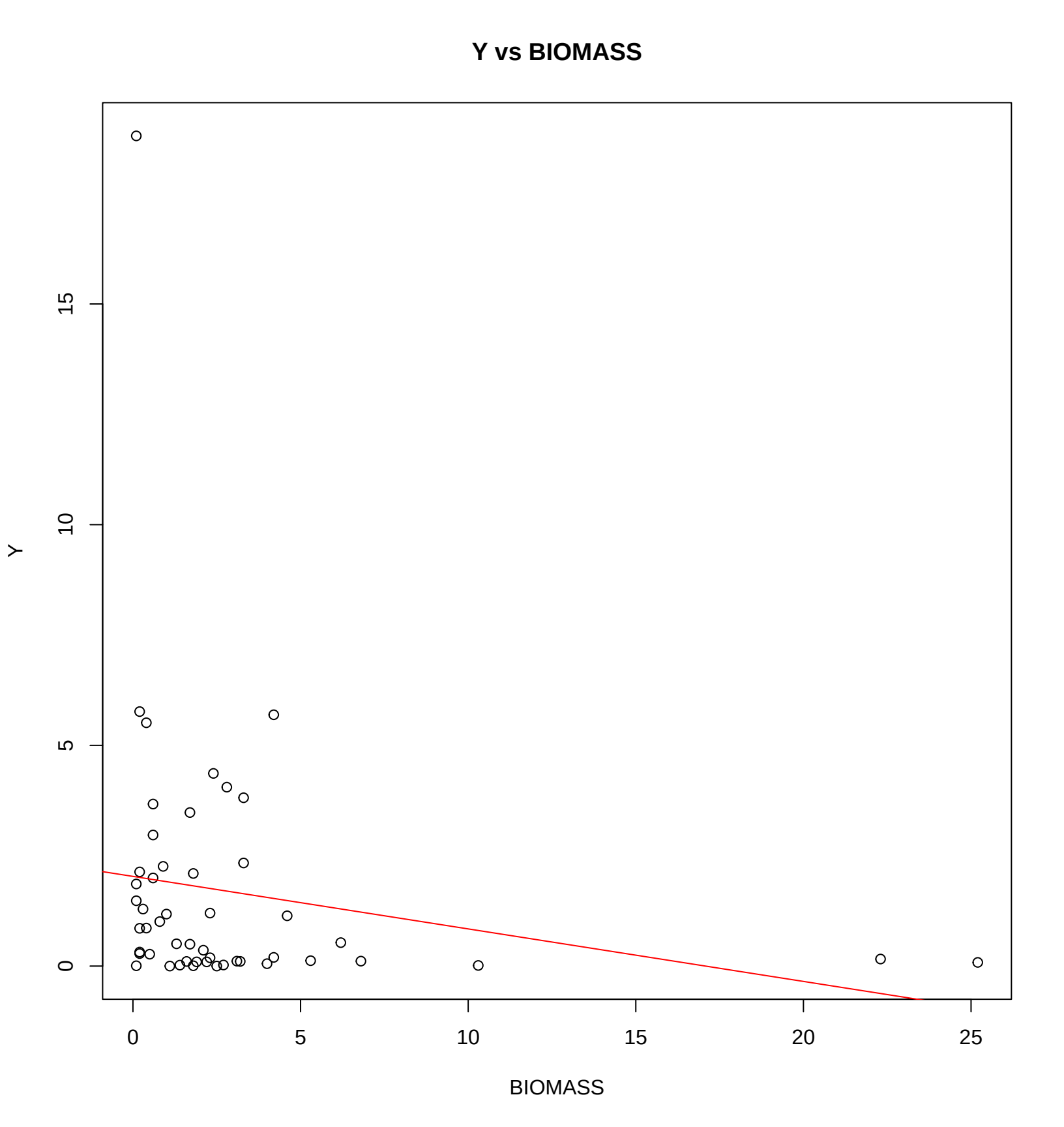

Y vs PETROLEUM
Y
PETROLEUM
0
5
10
15
0
10
20
30
40
50
60


Y vs HYDRO
Y
HYDRO
0
5
10
15
0
10
20
30
40
50
60


Y vs GEOTHERMAL
Y
0
5
10
15
0
2
4
6
8
GEOTHERMAL


Y vs SOLAR
Y
SOLAR
0
5
10
15
0
5
10
15


Y vs WIND
Y
WIND
0
5
10
15
0
10
20
30
40
50


Y vs BIOMASS
Y
BIOMASS
0
5
10
15
0
5
10
15
20
25