

Lucas Kikkawa Perpetua
RA: 11201810415

Análise de Dados para o Planejamento Territorial

Aula 04 – Parte 1

Diagrama de Dispersão - R

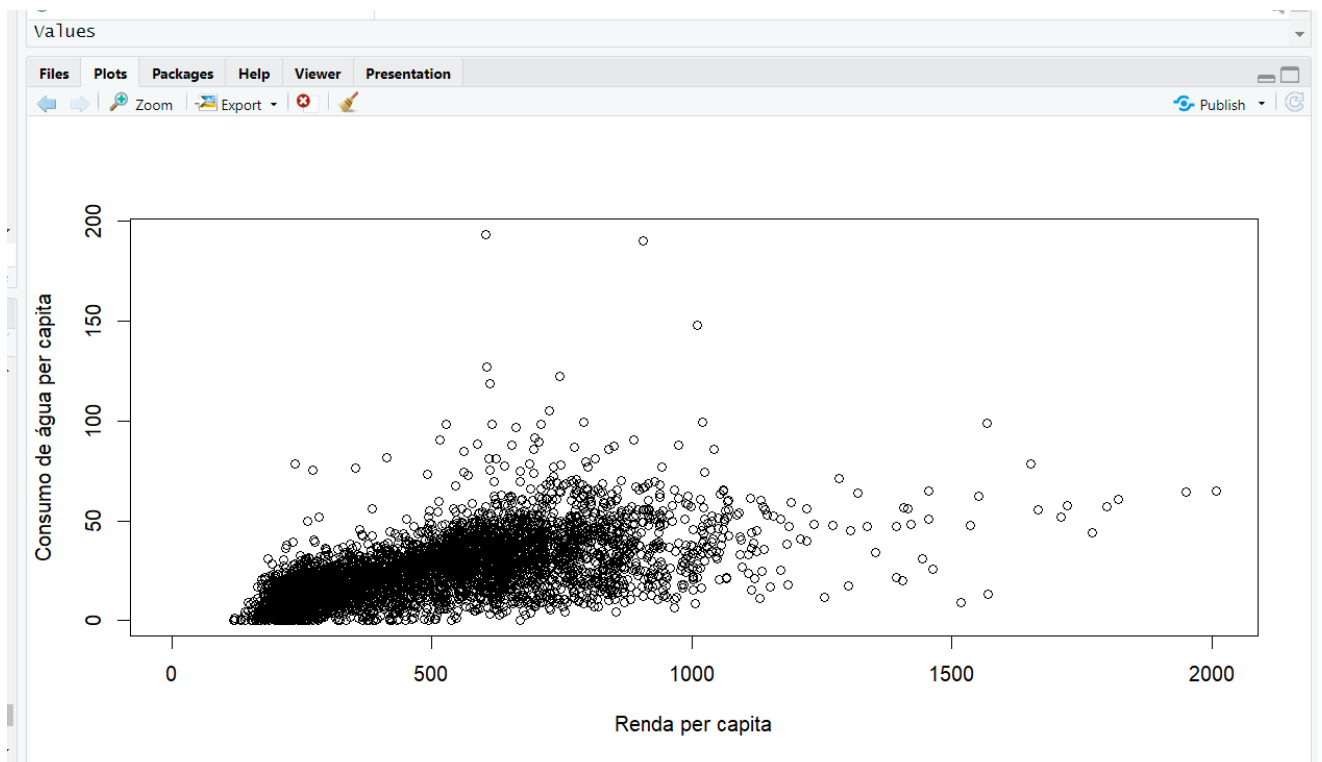


Diagrama de Dispersão – ggplot2

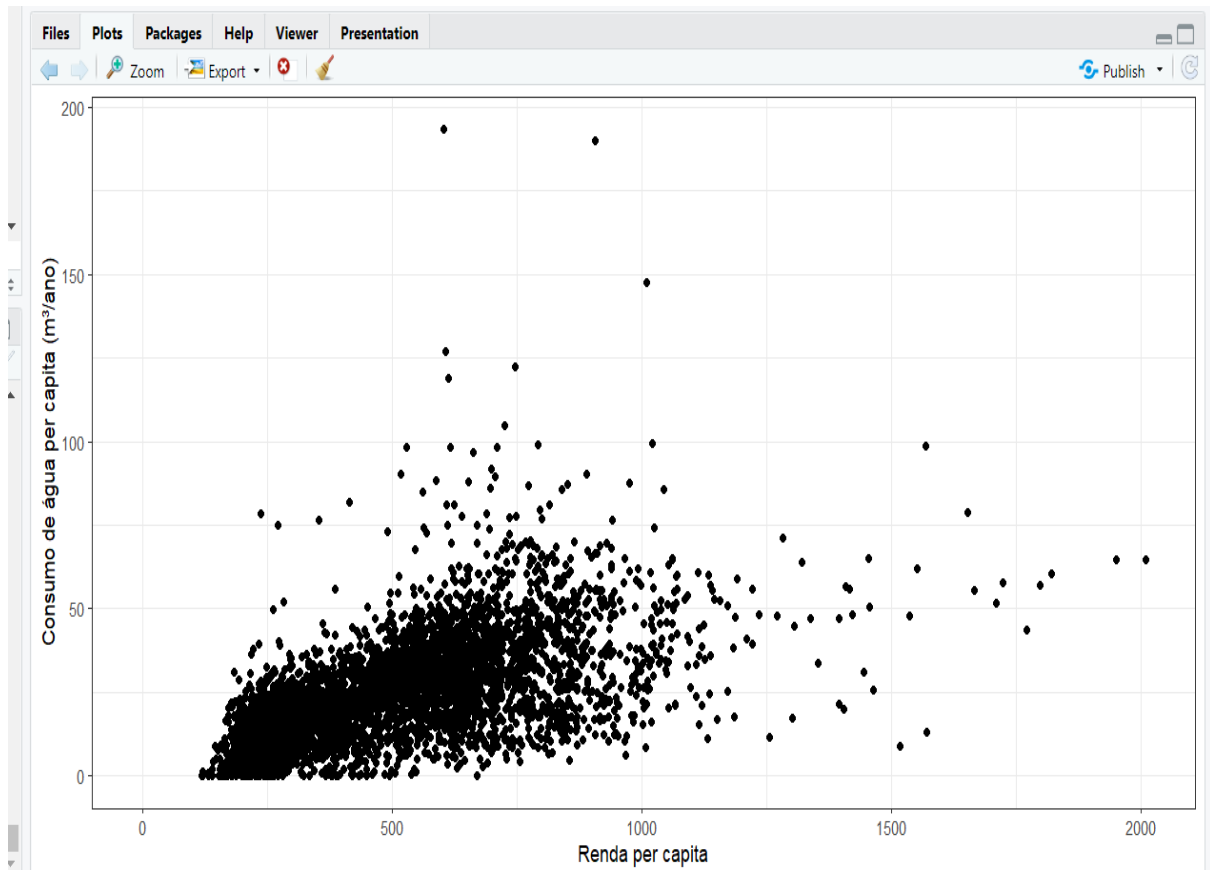
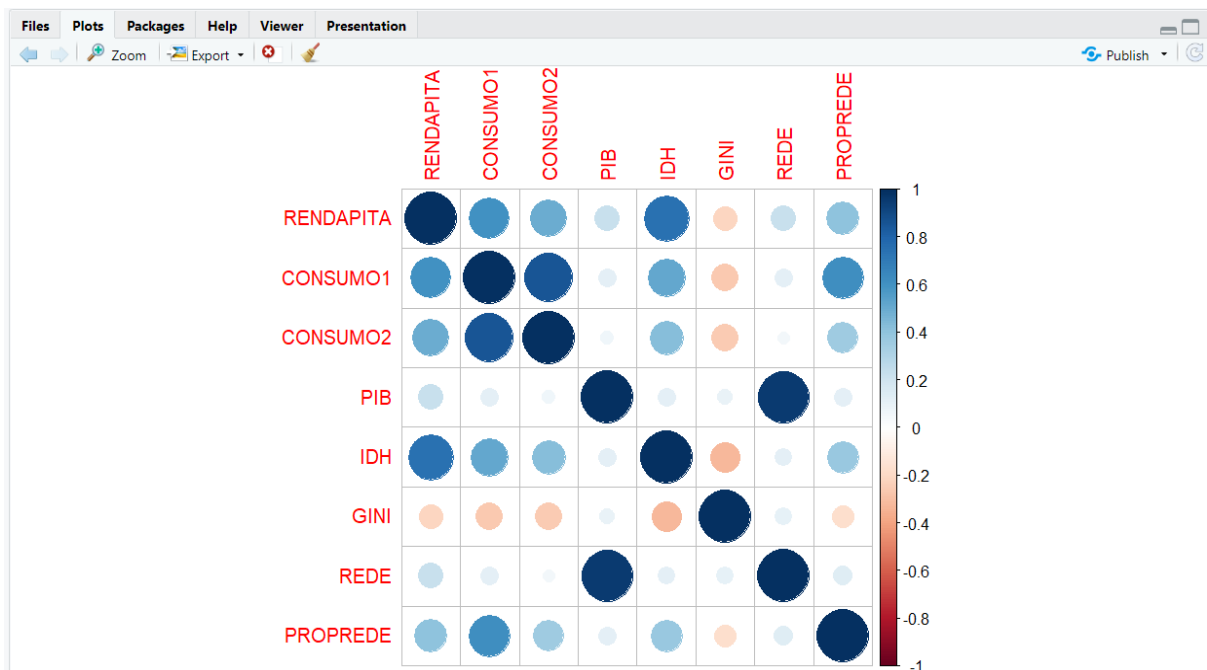


Gráfico Matriz de Coeficiente de Correlação Entre par de variáveis



Matrizes de Coeficiente de Correlação, Número de observações e p-valor entre par de variáveis

```

R 4.3.1 · ~/
> agua_rede1 %>%
+   select(RENDAPITA, CONSUMO1, CONSUMO2, PIB, IDH, GINI, REDE, PROPREDE) %>%
+   as.matrix() %>%
+   rcorr(type = "pearson")
      RENDAPITA CONSUMO1 CONSUMO2 PIB IDH GINI REDE PROPREDE
RENDAPITA    1.00    0.60    0.49 0.22 0.69 -0.28 0.21    0.42
CONSUMO1     0.60    1.00    0.86 0.12 0.51 -0.27 0.12    0.61
CONSUMO2     0.49    0.86    1.00 0.07 0.43 -0.26 0.06    0.35
PIB          0.22    0.12    0.07 1.00 0.11 0.08 0.95    0.11
IDH          0.69    0.51    0.43 0.11 1.00 -0.32 0.11    0.36
GINI        -0.28   -0.27   -0.26 0.08 -0.32 1.00 0.09   -0.25
REDE         0.21    0.12    0.06 0.95 0.11 0.09 1.00    0.12
PROPREDE     0.42    0.61    0.35 0.11 0.36 -0.25 0.12    1.00

n
      RENDAPITA CONSUMO1 CONSUMO2 PIB IDH GINI REDE PROPREDE
RENDAPITA    5566    4417    4417 4939 4939 5566 5560    5560
CONSUMO1     4417    4417    4417 4417 4417 4417 4417    4417
CONSUMO2     4417    4417    4417 4417 4417 4417 4417    4417
PIB          4939    4417    4417 4939 4939 4939 4939    4939
IDH          4939    4417    4417 4939 4939 4939 4939    4939
GINI         5566    4417    4417 4939 4939 5566 5560    5560
REDE         5560    4417    4417 4939 4939 5560 5560    5560
PROPREDE     5560    4417    4417 4939 4939 5560 5560    5560

P
      RENDAPITA CONSUMO1 CONSUMO2 PIB IDH GINI REDE PROPREDE
RENDAPITA         0         0         0 0 0 0 0 0
CONSUMO1    0         0         0 0 0 0 0 0
CONSUMO2    0         0         0 0 0 0 0 0
PIB         0         0         0 0 0 0 0 0
IDH         0         0         0 0 0 0 0 0
GINI        0         0         0 0 0 0 0 0
REDE        0         0         0 0 0 0 0 0
PROPREDE    0         0         0 0 0 0 0 0
>

```