

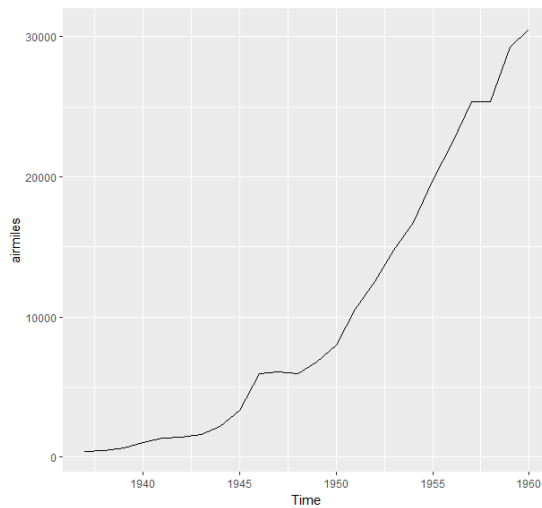
Séries Temporais e Análises Preditivas

EXEMPLOS

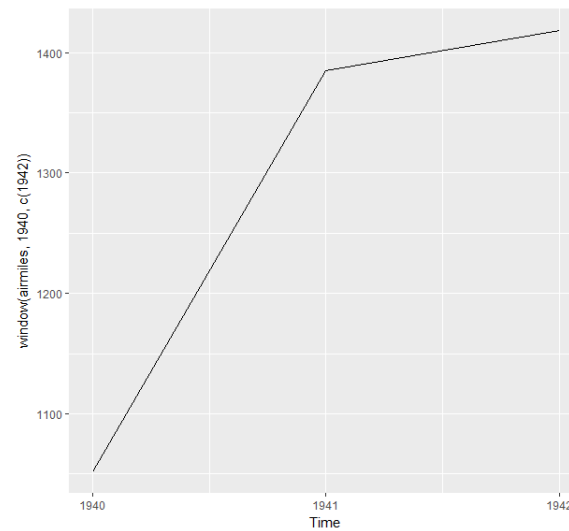
airmiles

Milhas áreas de passageiros nos EUA de 1937 até 1960

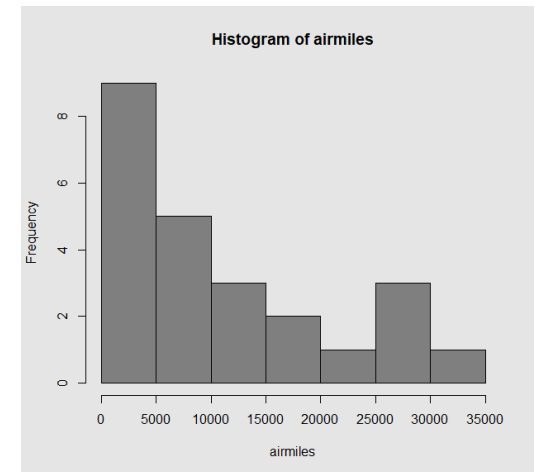
Gráfico



Janela 1940-1942



Histograma



Estatísticas

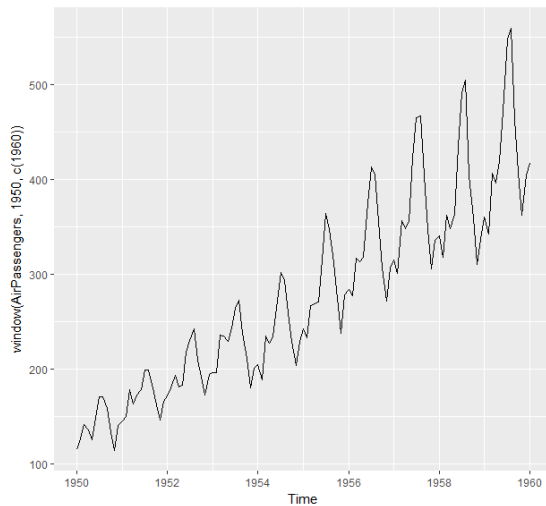
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
412	1580	6431	10528	17532	30514



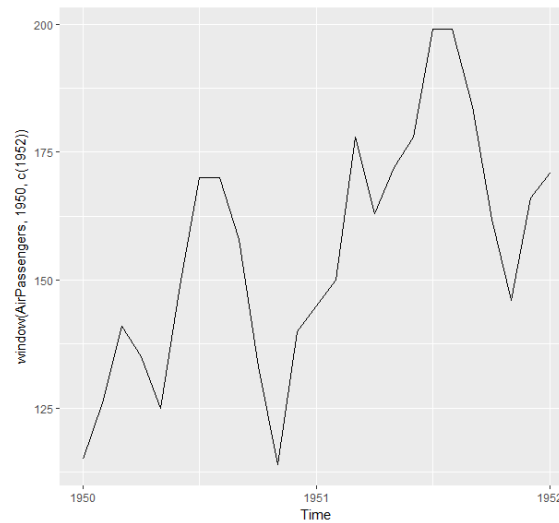
AirPassengers

Passageiros de linha aéreas mensais de 1949 até 1960

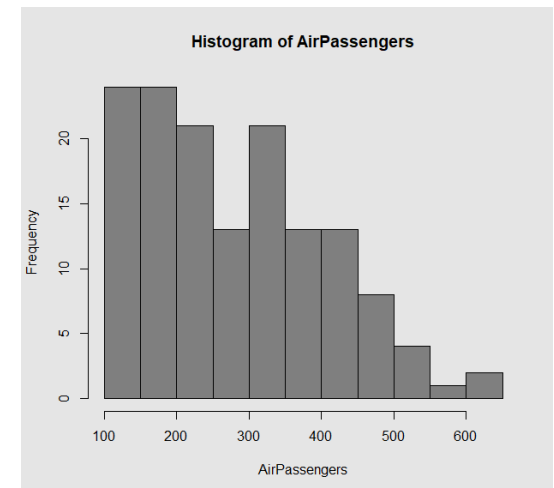
Gráfico



Janela 1950-1952



Histograma



Estatísticas

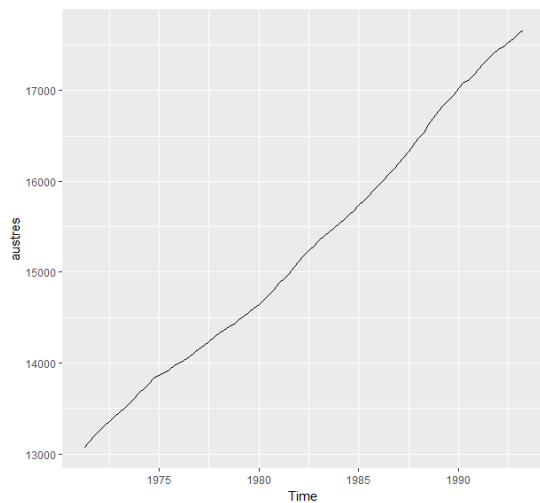
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
104.0	180.0	265.5	280.3	360.5	622.0



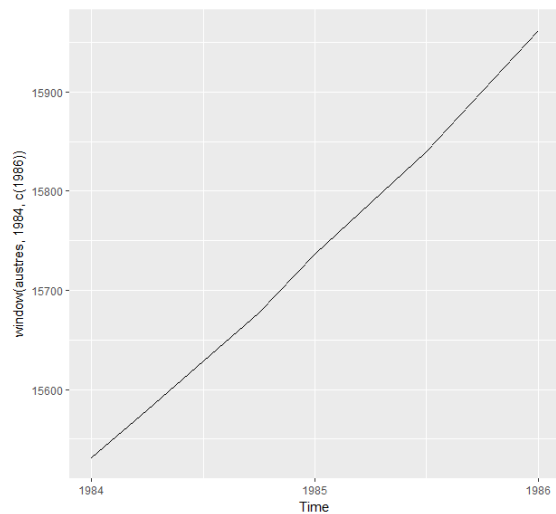
austres

Dados trimestrais de residentes australianos 1971- 1994

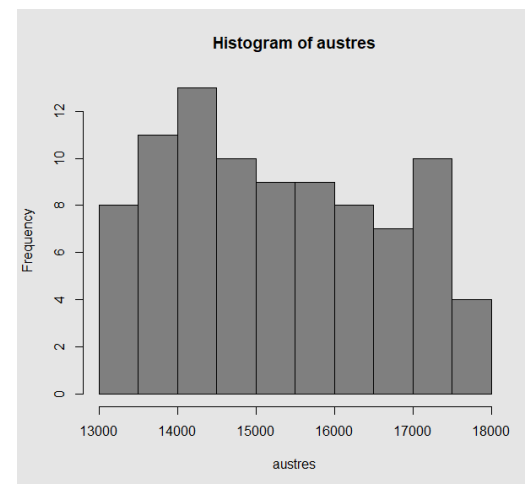
Gráfico



Janela 1984-1986



Histograma



Estatísticas

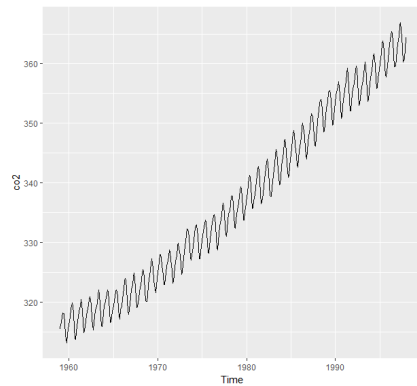
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
13067	14110	15184	15273	16399	17662



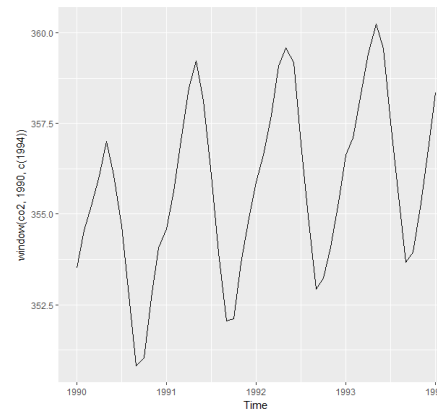
co2

Concentração de co2 em Mauna Loa de 1959 a 1997 (trimestral)

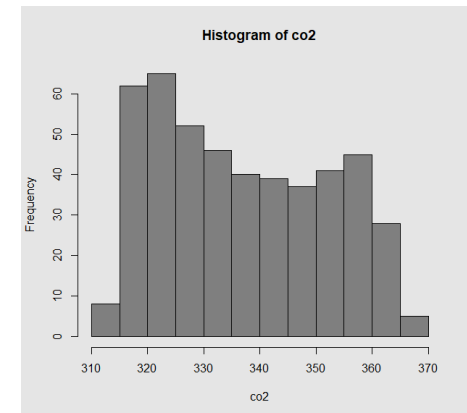
Gráfico



Janela 1990-1994



Histograma



Estatísticas

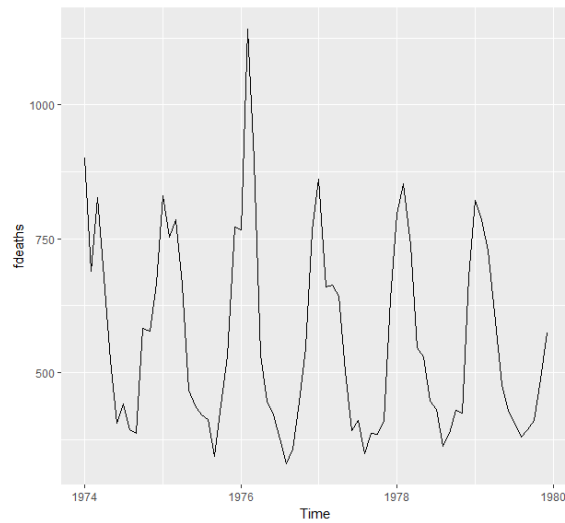
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
313.2	323.5	335.2	337.1	350.3	366.8



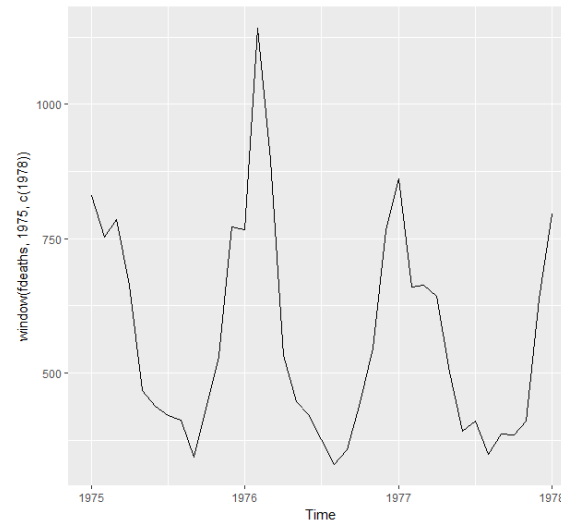
fdeaths

Mortes mensais de doenças pulmonares no Reino Unido de 1974-1979

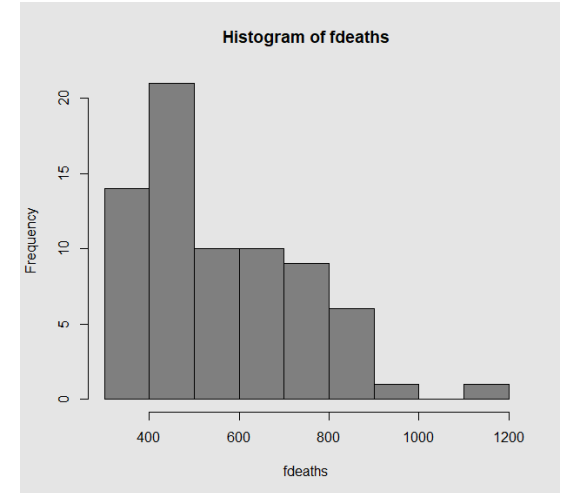
Gráfico



Janela 1975-1978



Histograma



Estatísticas

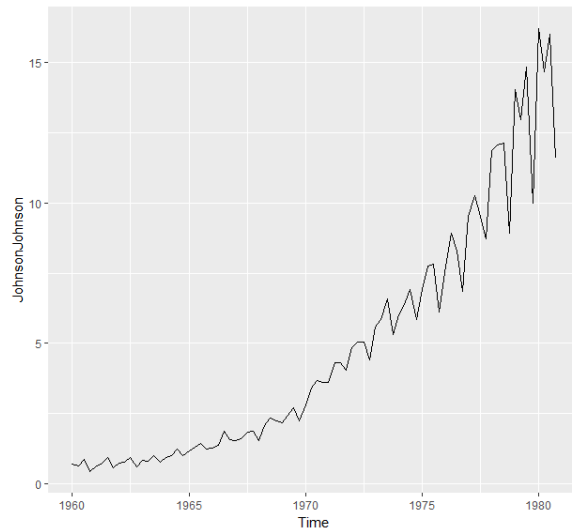
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
330.0	411.0	512.0	560.7	681.5	1141.0



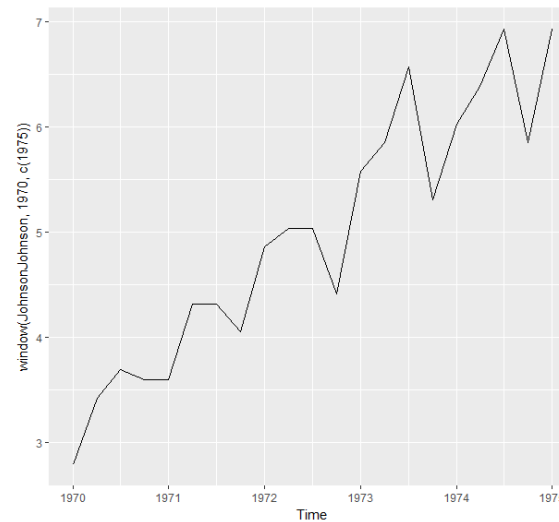
JohnsonJohnson

Lucro trimestral por ação da Johnson & Johnson de 1960 a 1980

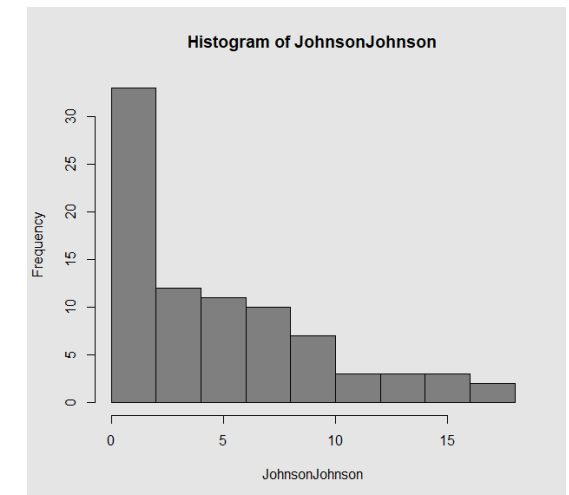
Gráfico



Janela 1970-1975



Histograma



Estatísticas

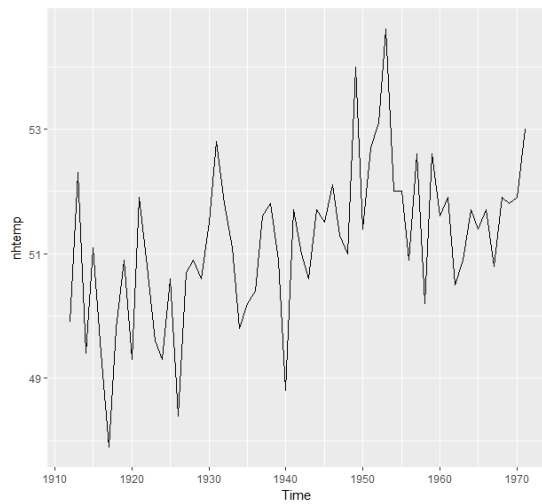
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.440	1.248	3.510	4.800	7.133	16.200



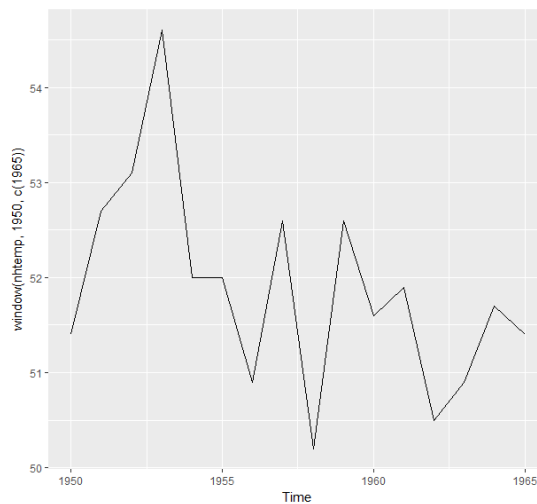
nhtemp

Temperatura anual in Fahrenheit in New Heaven de 1912 até 1971

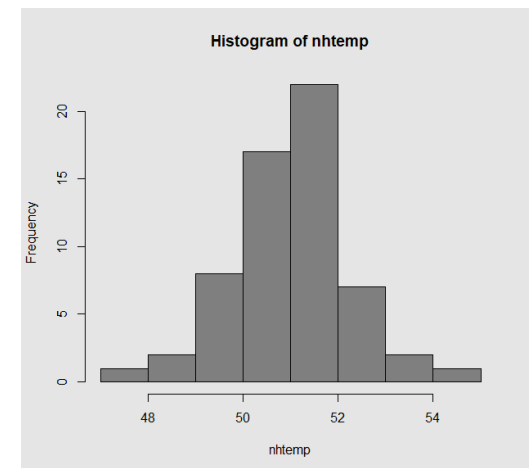
Gráfico



Janela 1950-1965



Histograma



Estatísticas

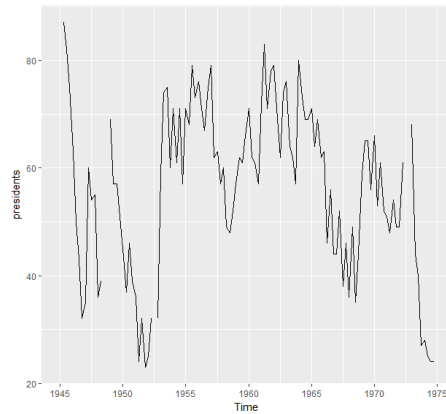
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
47.90	50.58	51.20	51.16	51.90	54.60



presidents

Aprovação trimestral dos presidentes americanos de 1945 até 1974

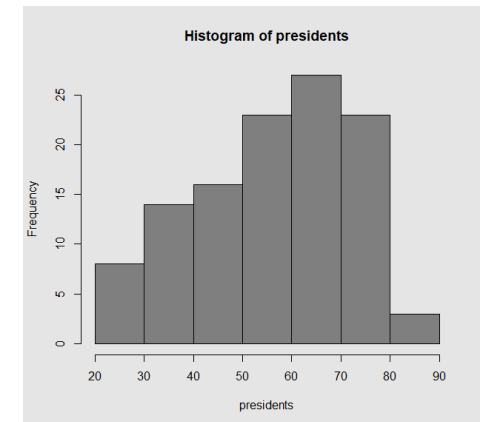
Gráfico



Janela 1950-1955



Histograma



Estatísticas

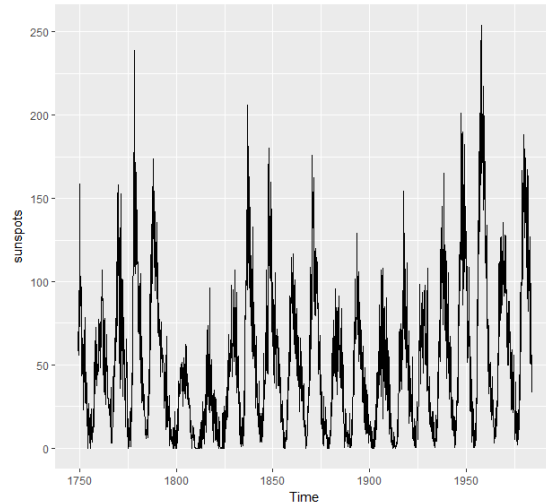
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
23.00	46.00	59.00	56.31	69.00	87.00	6



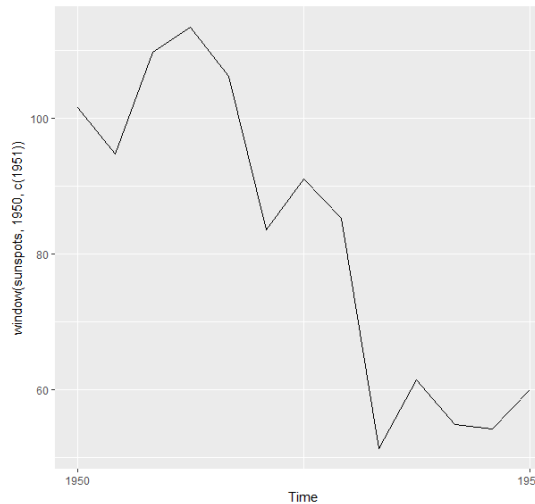
sunspots

Número médio de manchas solares de 1749 a 1983

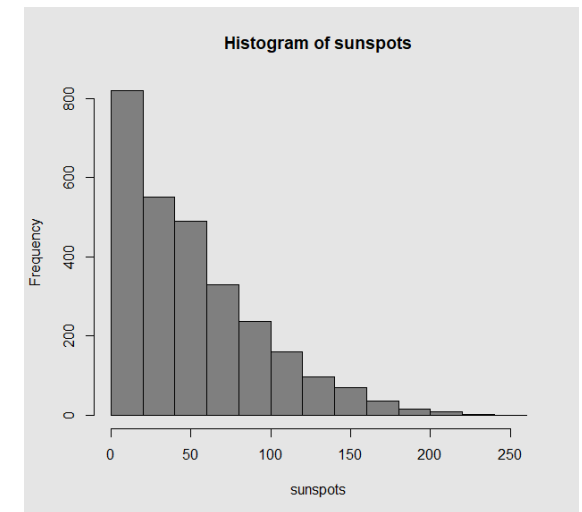
Gráfico



Janela 1950-1951



Histograma



Estatísticas

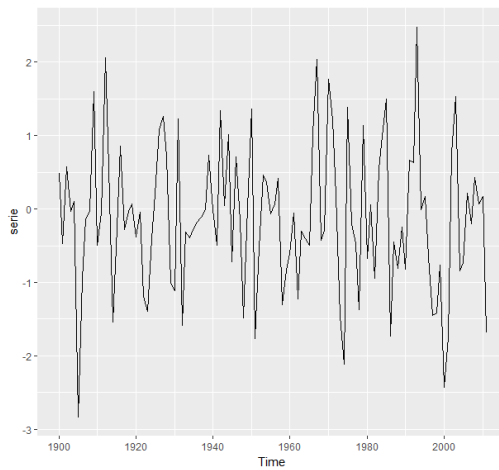
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.00	15.70	42.00	51.27	74.92	253.80



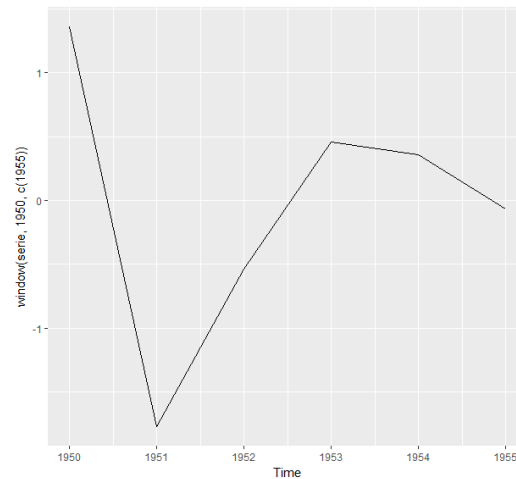
rnorm

Dados Aleatórios entre 1900 e 2000

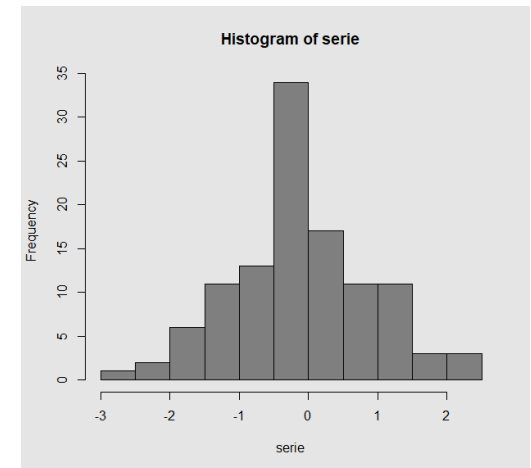
Gráfico



Janela 1950-1955



Histograma



Estatísticas

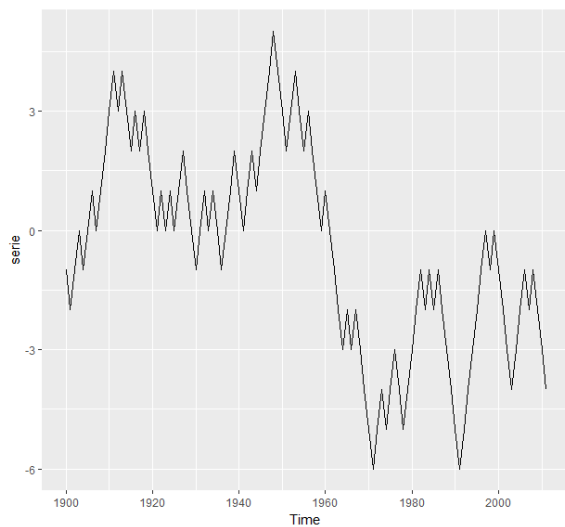
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-2.8292	-0.7213	-0.1255	-0.1221	0.5008	2.4685



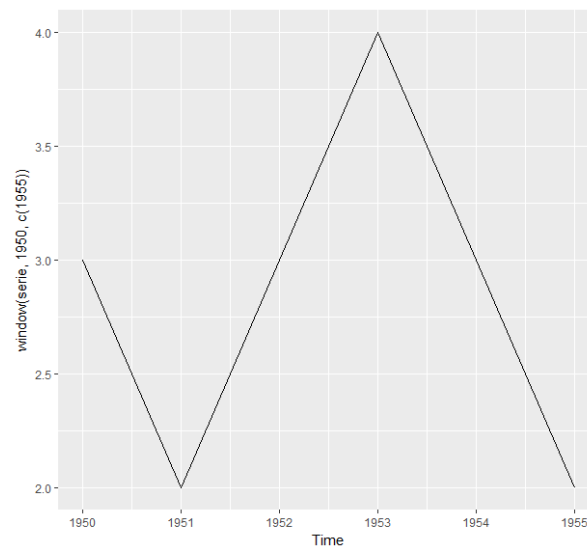
Random Walk (Passeio Aleatório)

Passeio Aleatório entre 1900 e 2000

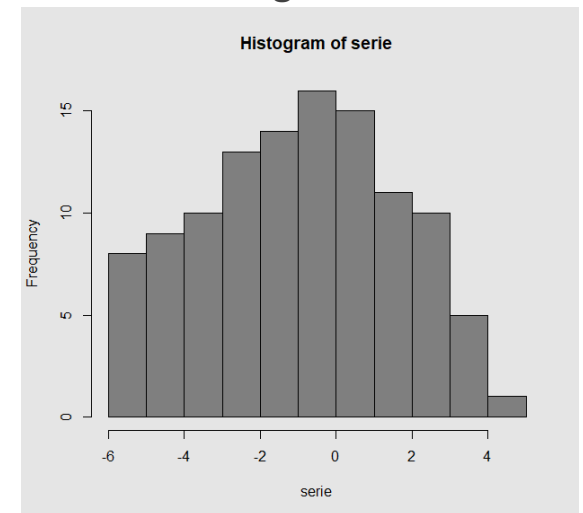
Gráfico



Janela 1950-1955



Histograma



Estatísticas

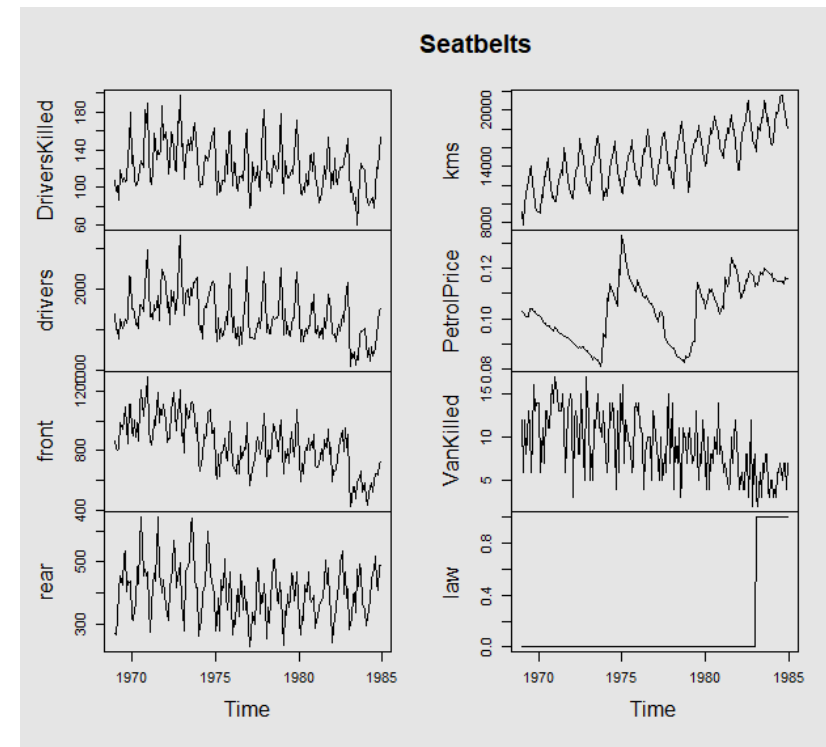
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-6.0	-2.0	0.0	-0.5	1.0	5.0



Seatbelts

Mortes ou gravemente feridos em acidentes de carros de 1969 até 1984

- DriversKilled: motoristas mortos
- Front: passageiros do banco da frente mortos
- Rear: passageiros do banco traseiro mortos
- Kms: distância dirigida
- PetrolPrice: preço do combustível
- VanKilled: número de motoristas de vans
- Law: 0/1: vigência da lei de obrigatoriedade do uso do cinto



EuStockMarkets

Preço de Fechamento das Bolsas Europeias de 1991 até 1998

Alemanha (DAX)

Suíça (SMI)

França (CAC)

Reino Unido (FTSE)

