

Frequency ( $F$ ) = Non-Exceedance Probability  $P(X \leq x)$

0.001    0.07    0.37    0.69    0.87    0.95    0.98    0.99

Quantile

Return period

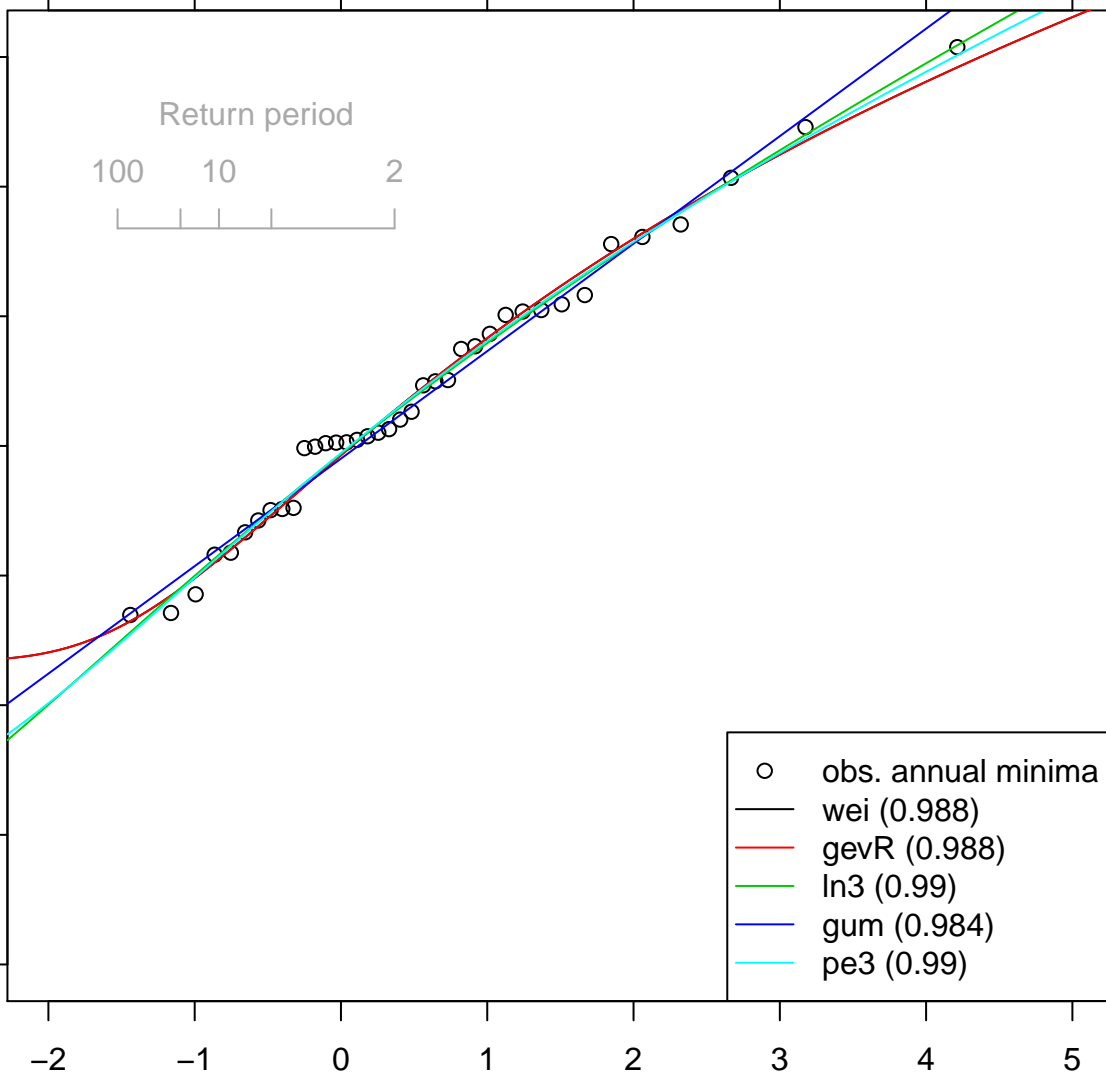
100

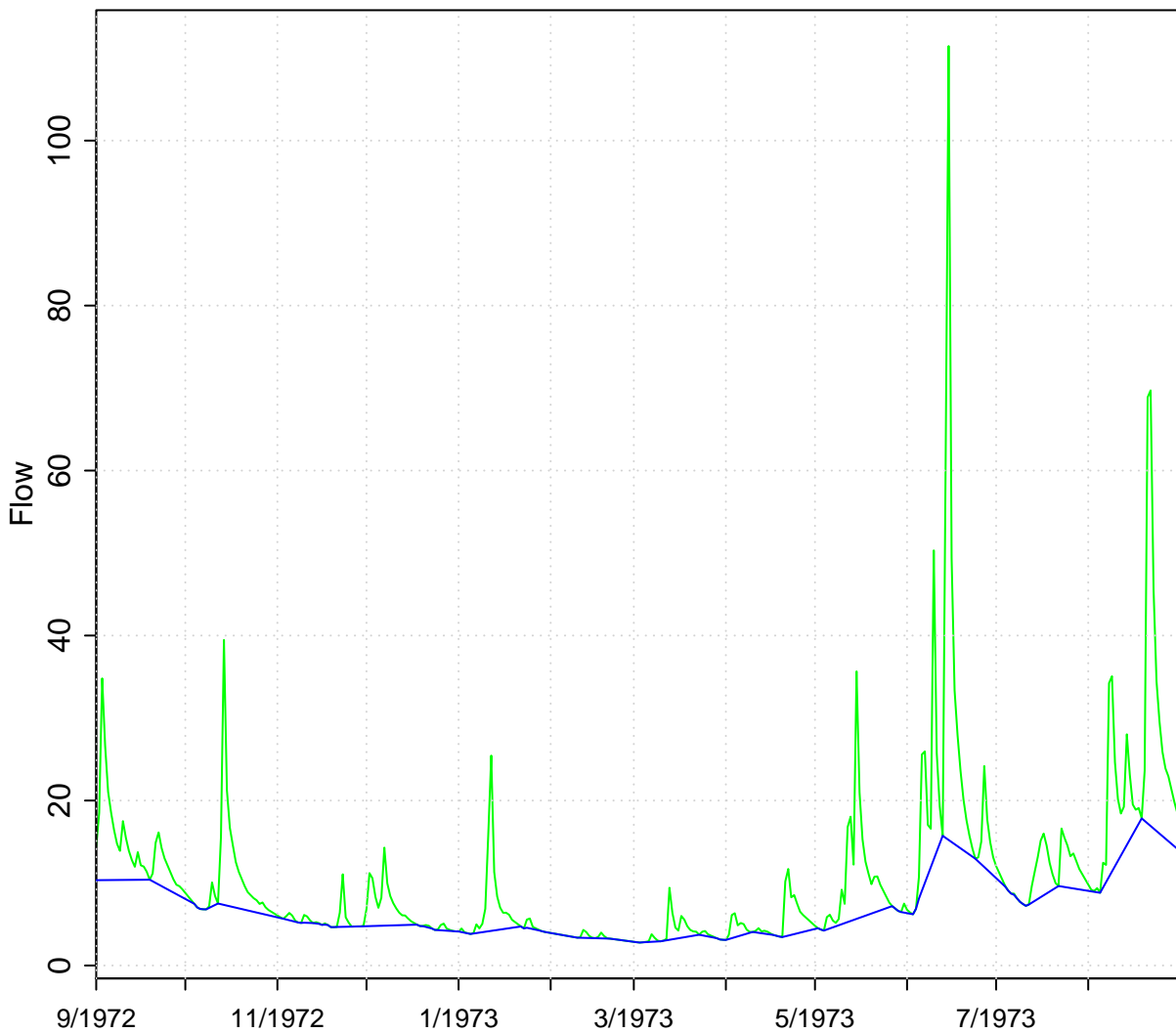
10

2

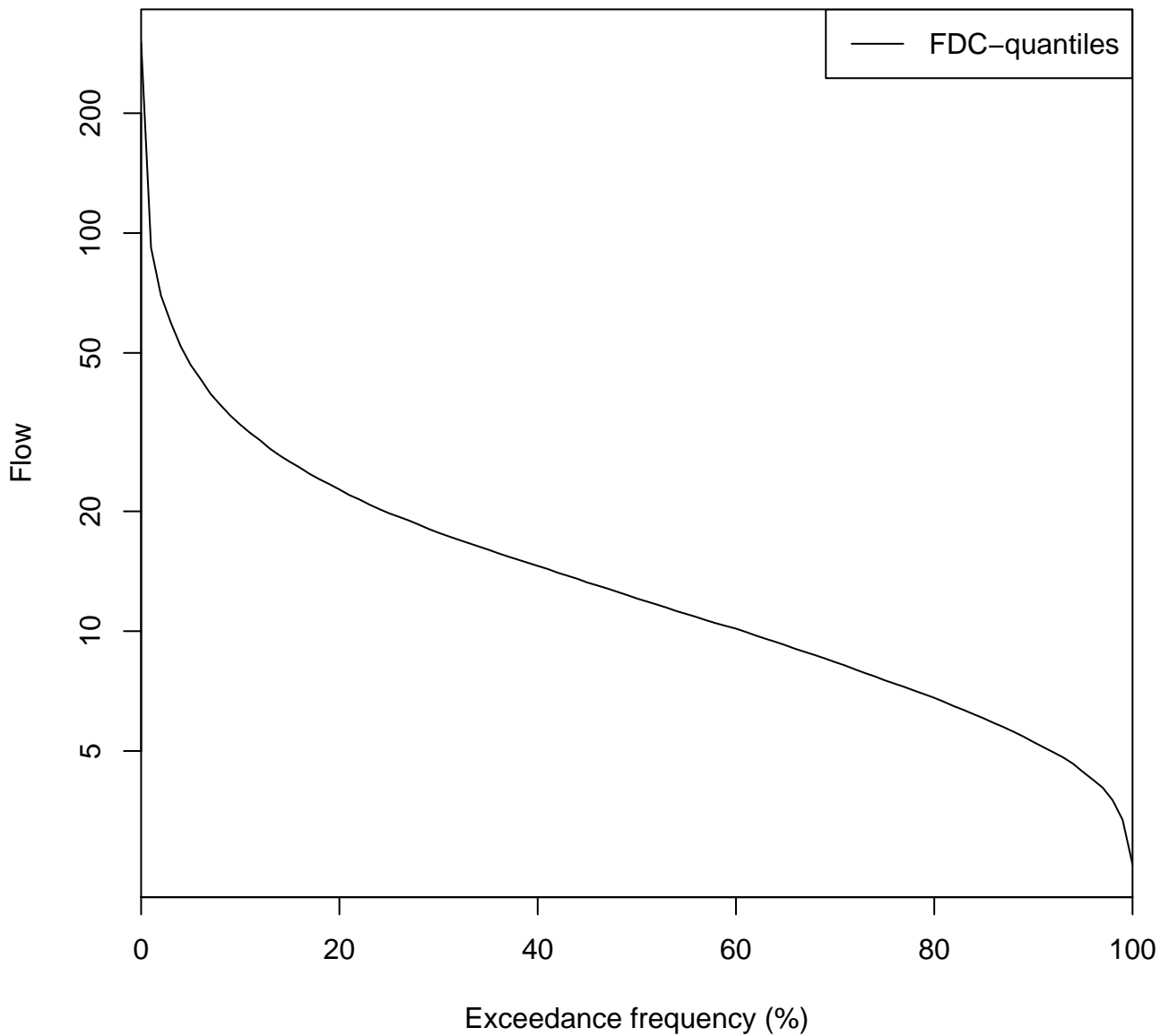
- obs. annual minima
- wei (0.988)
- gevR (0.988)
- ln3 (0.99)
- gum (0.984)
- pe3 (0.99)

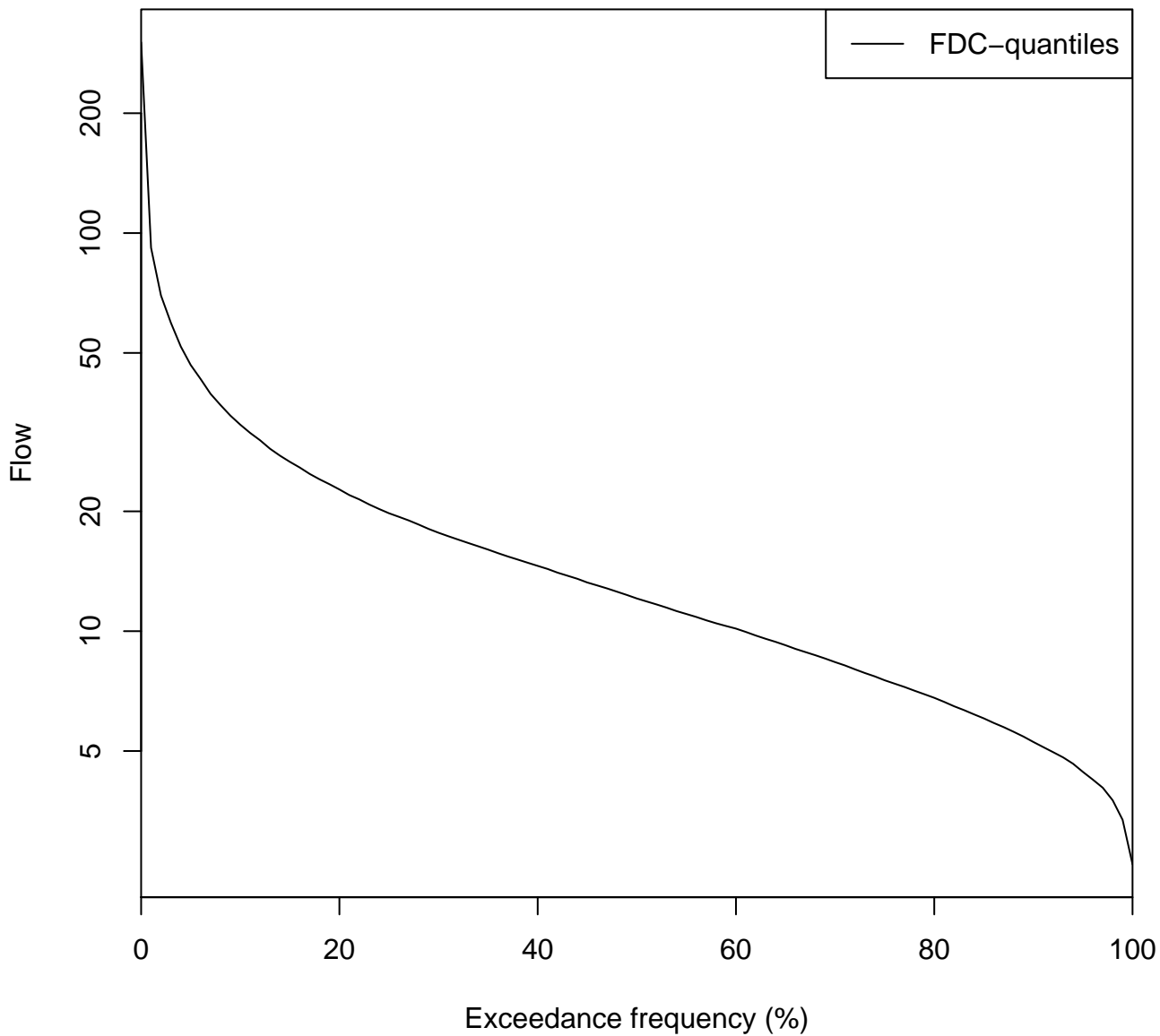
Reduced variate,  $-\log(-\log(F))$











Frequency ( $F$ ) = Non-Exceedance Probability  $P(X \leq x)$

0.001    0.07    0.37    0.69    0.87    0.95    0.98    0.99

Quantile

6

5

4

3

2

1

0

Return period

100

10

2

- obs. annual minima
- wei (0.983)
- gevR (0.983)
- ln3 (0.985)
- gum (0.977)
- pe3 (0.985)

Reduced variate,  $-\log(-\log(F))$

-2

-1

0

1

2

3

4

5

Frequency ( $F$ ) = Non-Exceedance Probability  $P(X \leq x)$

0.001    0.07    0.37    0.69    0.87    0.95    0.98    0.99

Quantile

6

5

4

3

2

1

0

Return period

100

10

2

○ obs. annual minima  
— wei

Reduced variate,  $-\log(-\log(F))$

-2

-1

0

1

2

3

4

5