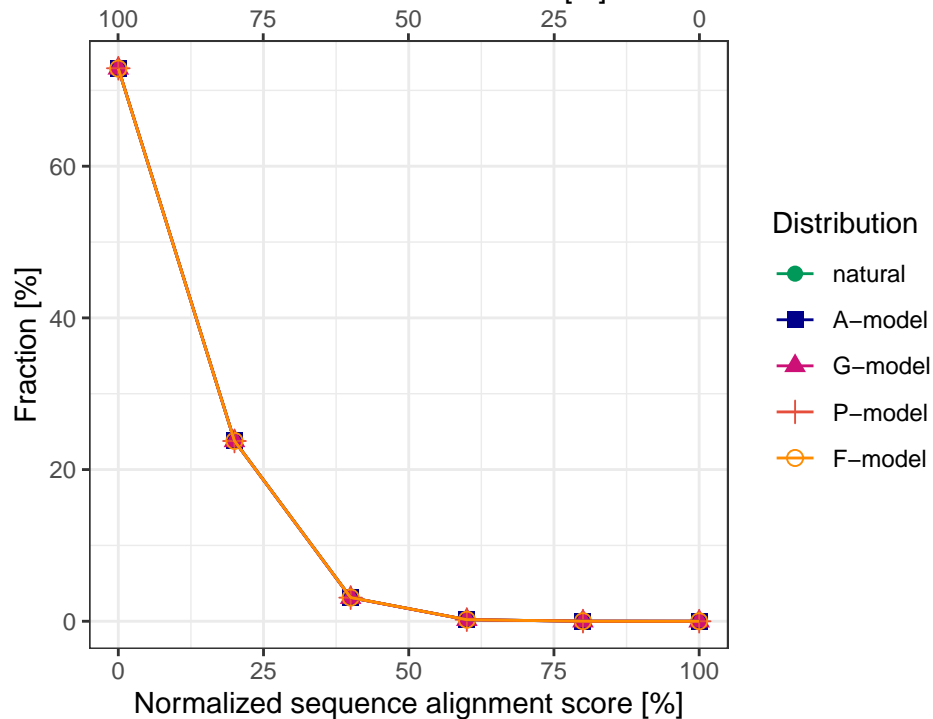


# Distance Distribution of 5mers, Metric=NWSn

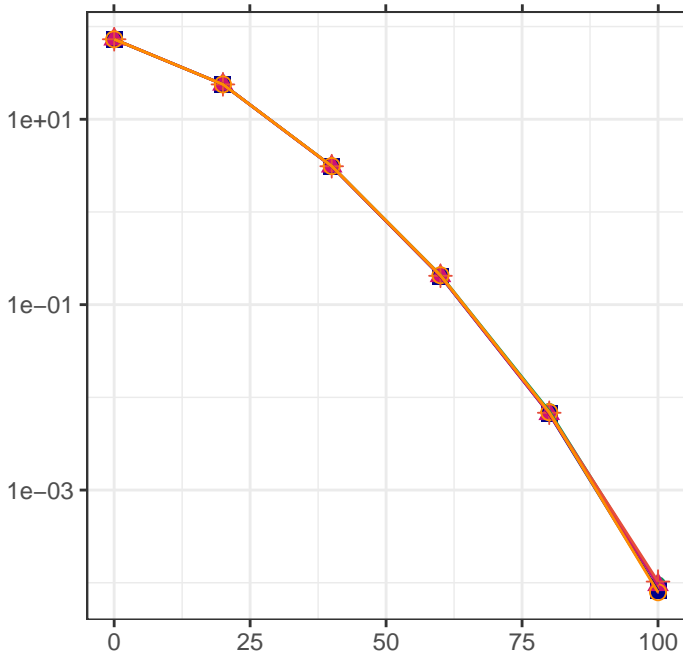
Share of maximal distance [%]



# Distance Distribution of 5mers, Metric=NWSn

Share of maximal distance [%]

100 75 50 25 0



Distribution

—●— natural

—■— A-model

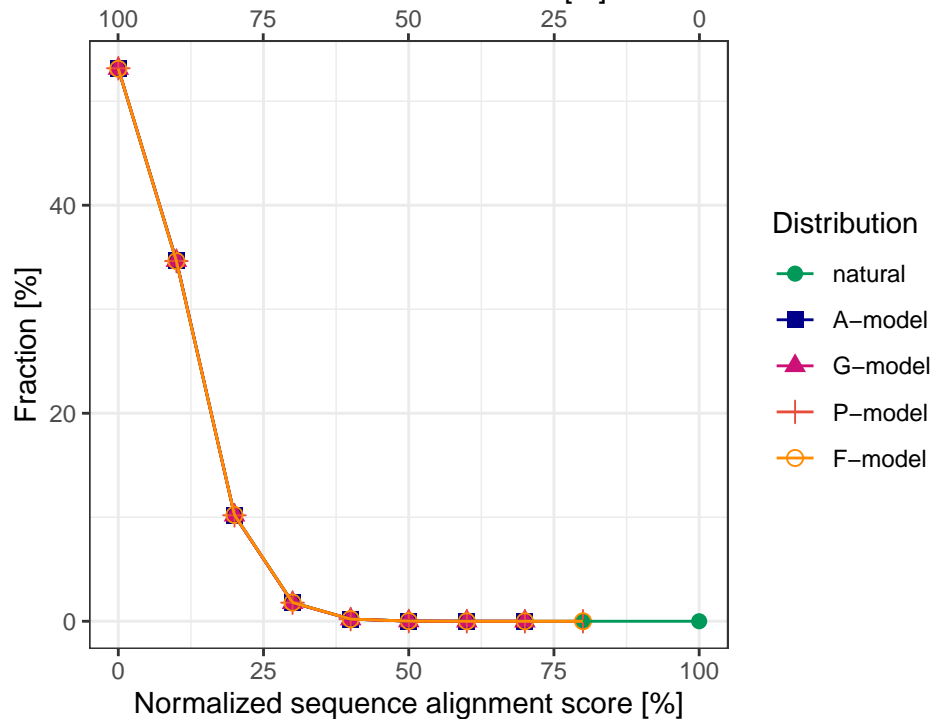
—▲— G-model

—+— P-model

—○— F-model

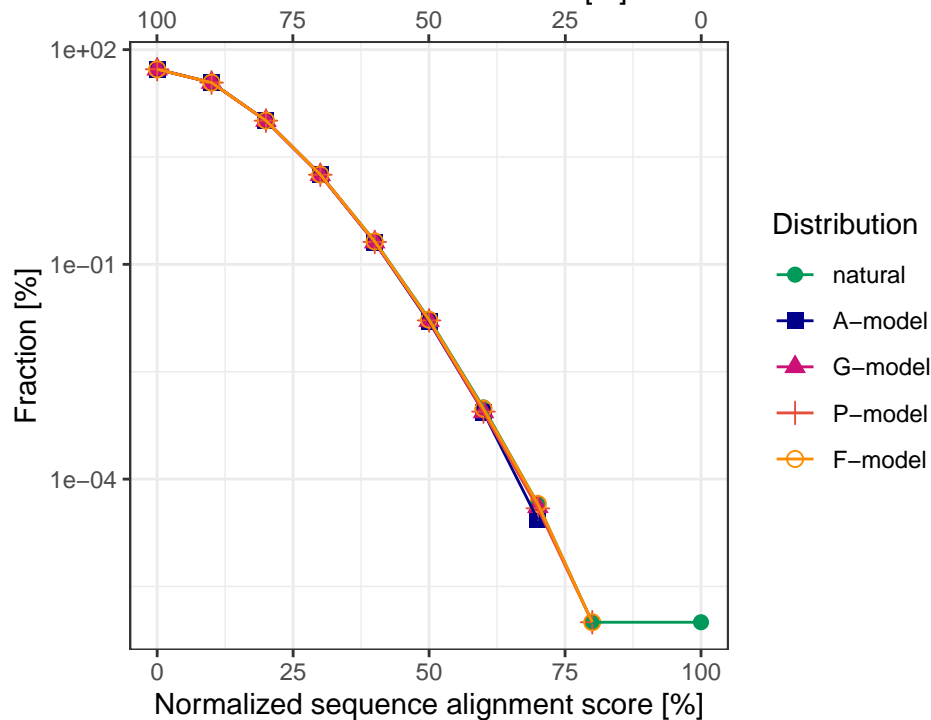
# Distance Distribution of 10mers, Metric=NWSn

Share of maximal distance [%]



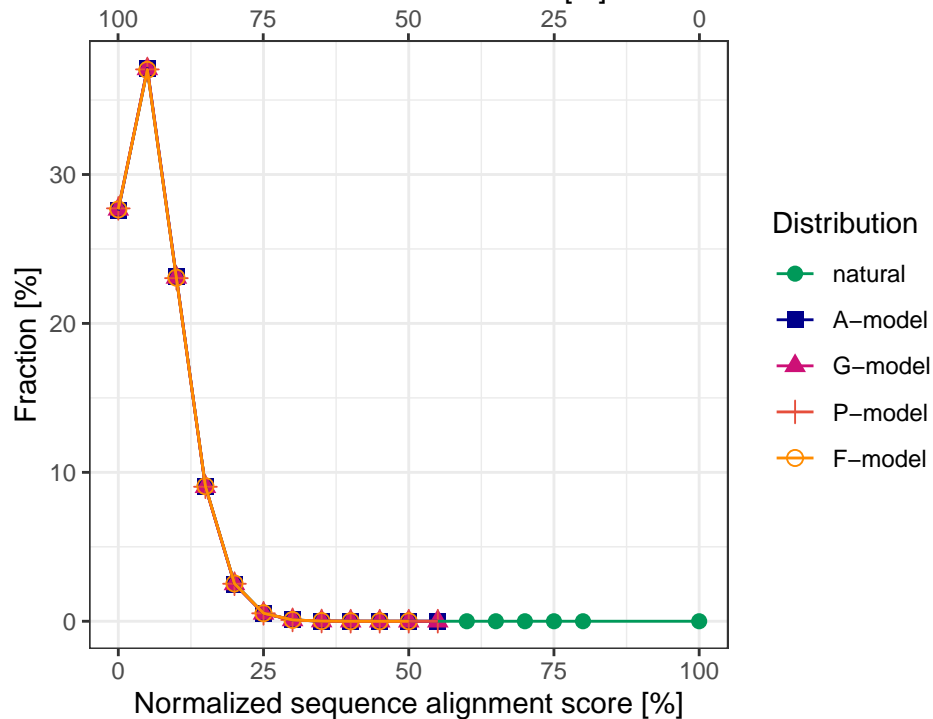
# Distance Distribution of 10mers, Metric=NWSn

Share of maximal distance [%]



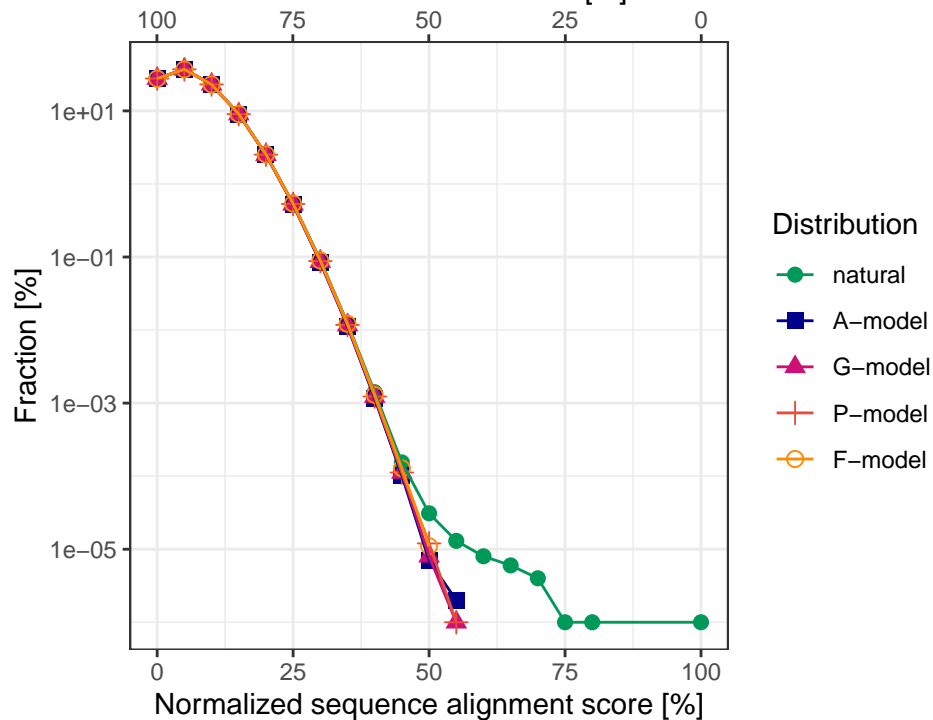
# Distance Distribution of 20mers, Metric=NWSn

Share of maximal distance [%]



# Distance Distribution of 20mers, Metric=NWSn

Share of maximal distance [%]



# Distance Distribution of 30mers, Metric=NWSn

Share of maximal distance [%]

100

75

50

25

30

20

10

0

Distribution

—●— natural

—■— A-model

—▲— G-model

—+— P-model

—○— F-model

Normalized sequence alignment score [%]

0

25

50

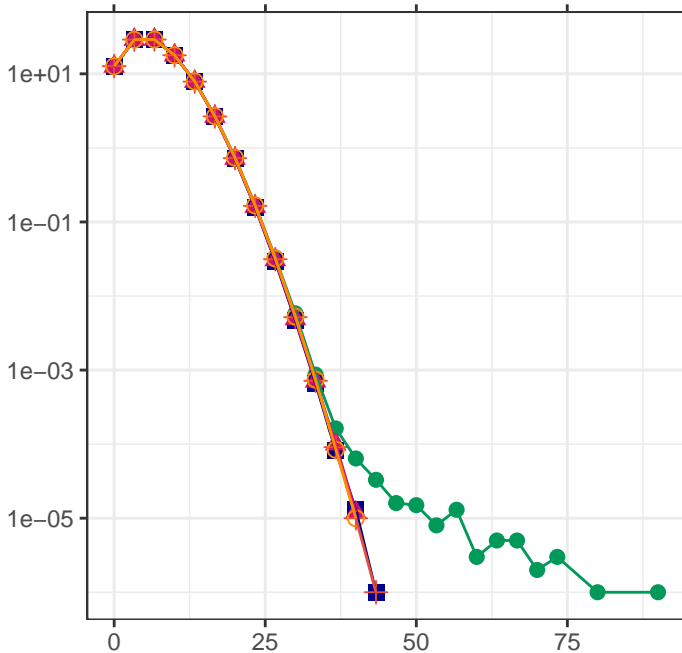
75

Fraction [%]

# Distance Distribution of 30mers, Metric=NWSn

Share of maximal distance [%]

100 75 50 25



Distribution

● natural

■ A-model

▲ G-model

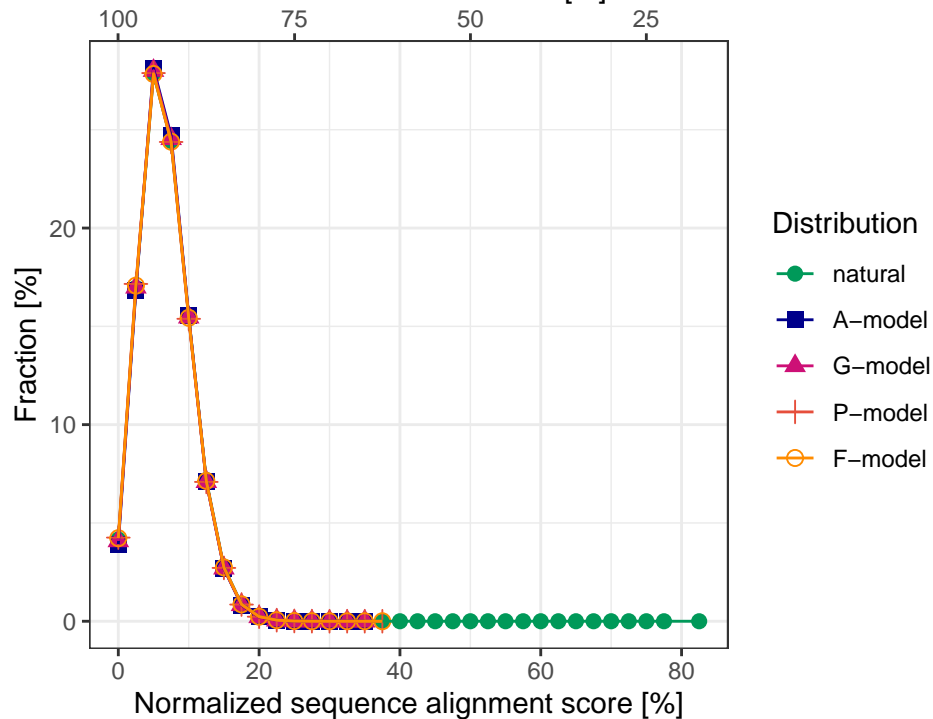
+ P-model

○ F-model



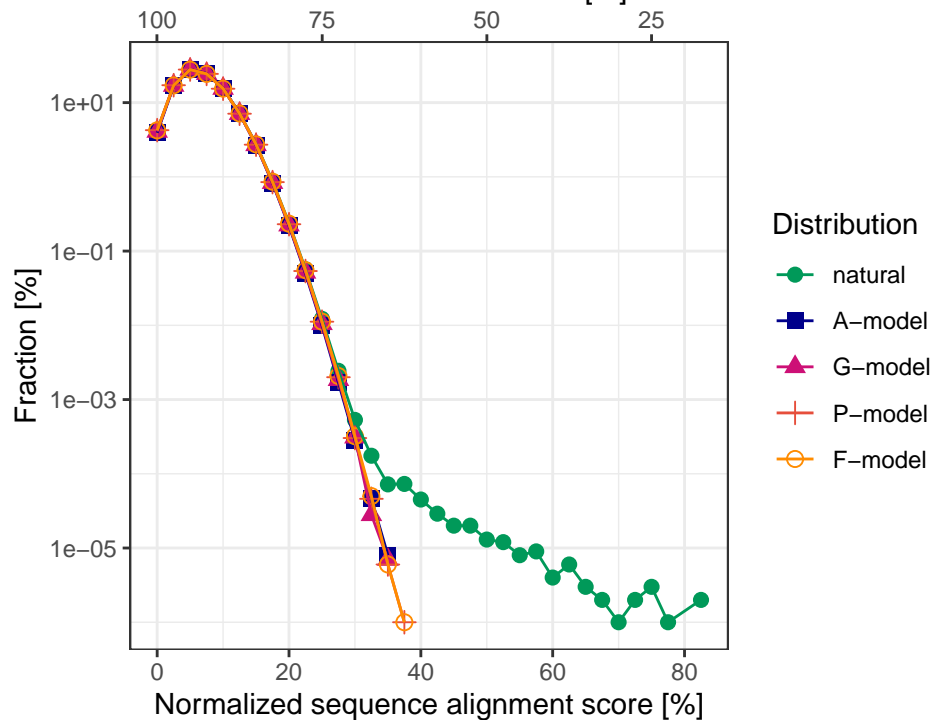
# Distance Distribution of 40mers, Metric=NWSn

Share of maximal distance [%]



# Distance Distribution of 40mers, Metric=NWSn

Share of maximal distance [%]



# Distance Distribution of 50mers, Metric=NWSn

Share of maximal distance [%]

100

75

50

25

20

10

0

Distribution

—●— natural

—■— A-model

—▲— G-model

—+— P-model

—○— F-model

Normalized sequence alignment score [%]

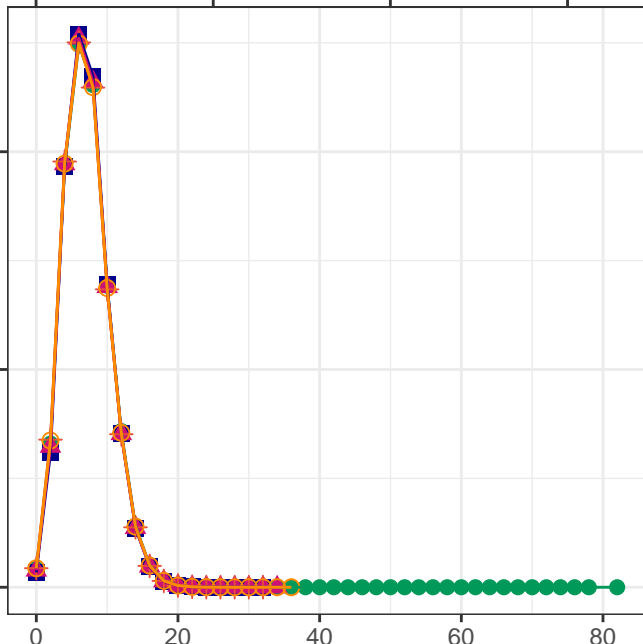
0

20

40

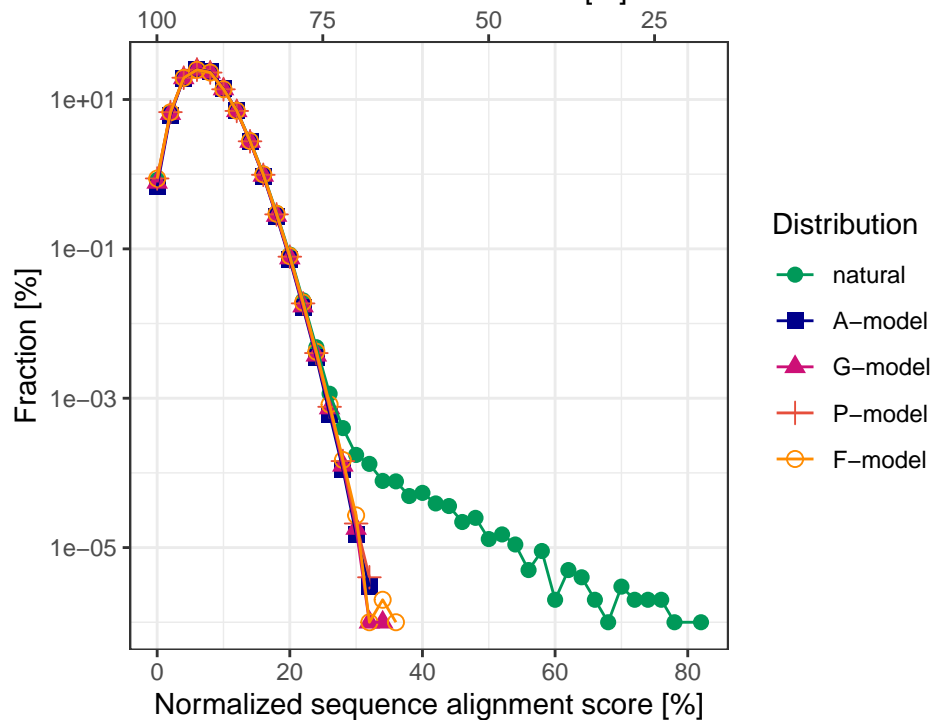
60

80



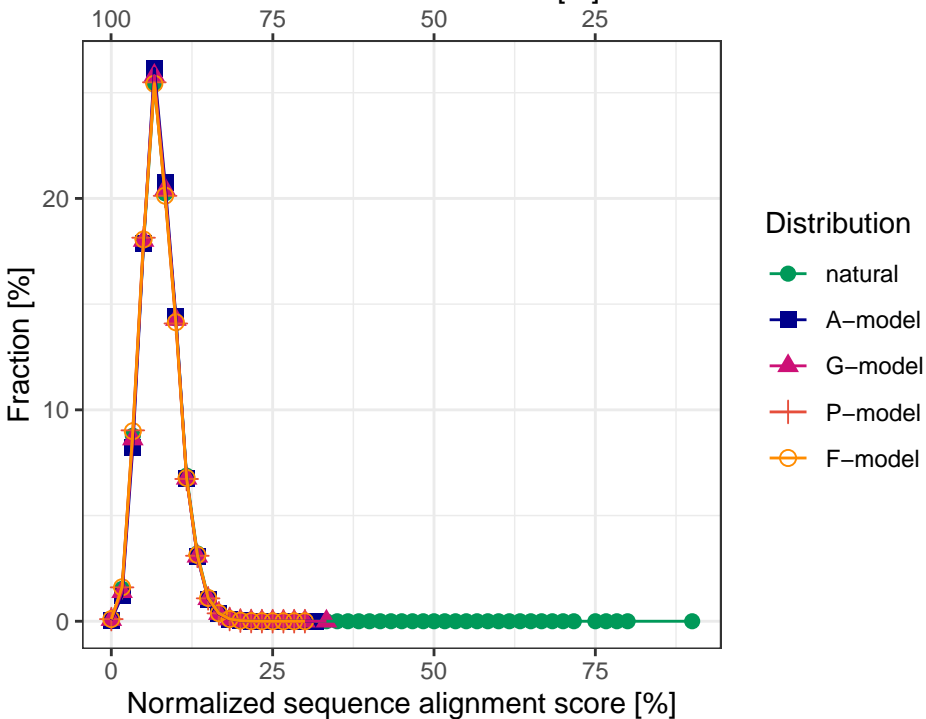
# Distance Distribution of 50mers, Metric=NWSn

Share of maximal distance [%]



# Distance Distribution of 60mers, Metric=NWSn

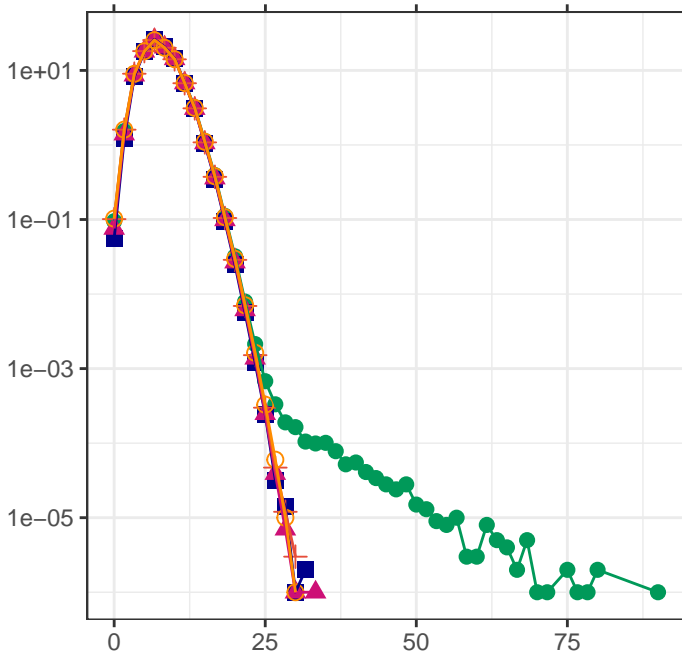
Share of maximal distance [%]



# Distance Distribution of 60mers, Metric=NWSn

Share of maximal distance [%]

100 75 50 25



Distribution

—●— natural

—■— A-model

—▲— G-model

—+— P-model

—○— F-model

# Distance Distribution of 70mers, Metric=NWSn

Share of maximal distance [%]

100

75

50

25

20

15

10

5

0

Distribution

—●— natural

—■— A-model

—▲— G-model

—+— P-model

—○— F-model

Fraction [%]

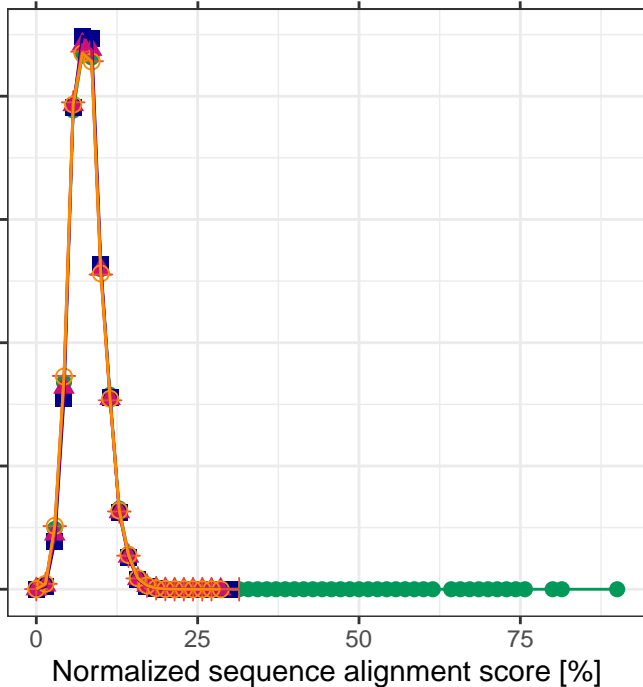
0

25

50

75

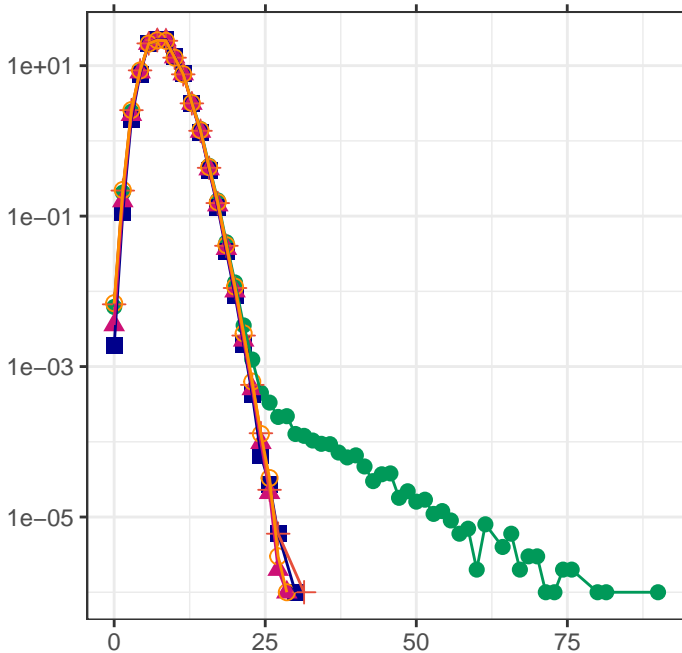
Normalized sequence alignment score [%]



# Distance Distribution of 70mers, Metric=NWSn

Share of maximal distance [%]

100 75 50 25



Distribution

—●— natural

—■— A-model

—▲— G-model

—+— P-model

—○— F-model



# Distance Distribution of 80mers, Metric=NWSn

Share of maximal distance [%]

100

75

50

25

25

20

15

10

5

0

Fraction [%]

0

25

50

75

Normalized sequence alignment score [%]

Distribution

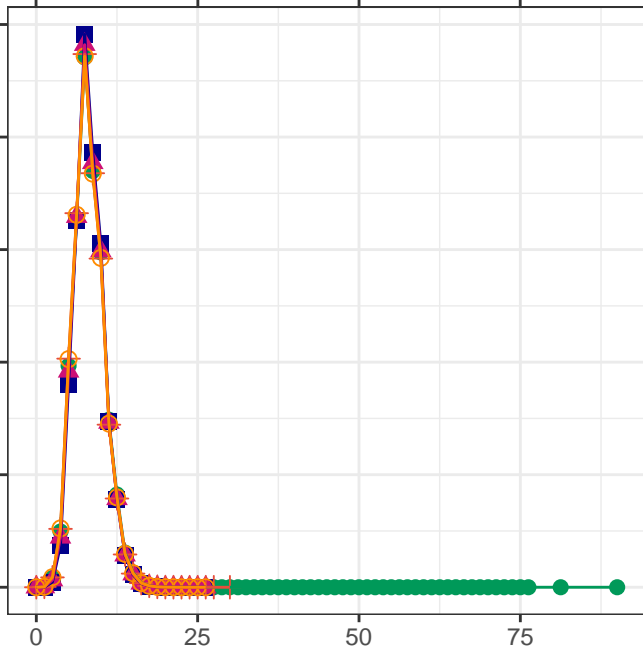
—●— natural

—■— A-model

—▲— G-model

—+— P-model

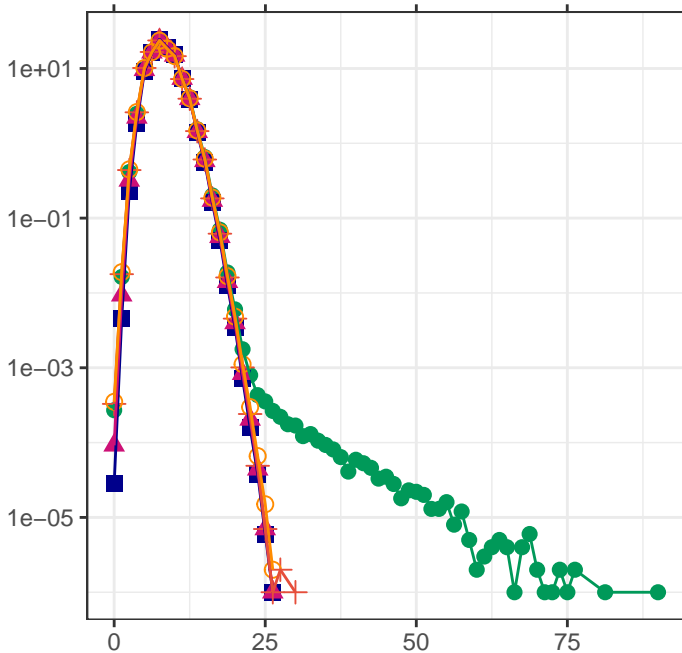
—○— F-model



# Distance Distribution of 80mers, Metric=NWSn

Share of maximal distance [%]

100 75 50 25



Distribution

● natural

■ A-model

▲ G-model

+ P-model

○ F-model

# Distance Distribution of 90mers, Metric=NWSn

Share of maximal distance [%]

100

75

50

25

20

15

10

5

0

Fraction [%]

0

25

50

75

Normalized sequence alignment score [%]

Distribution

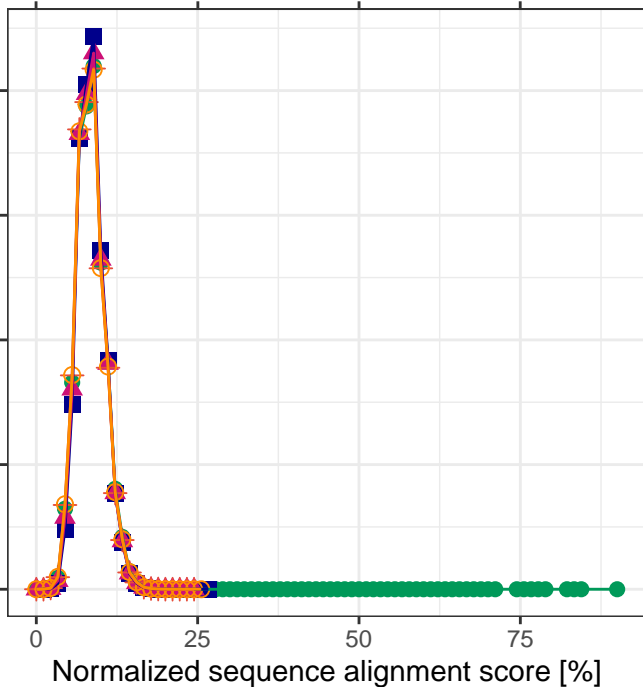
—●— natural

—■— A-model

—▲— G-model

—+— P-model

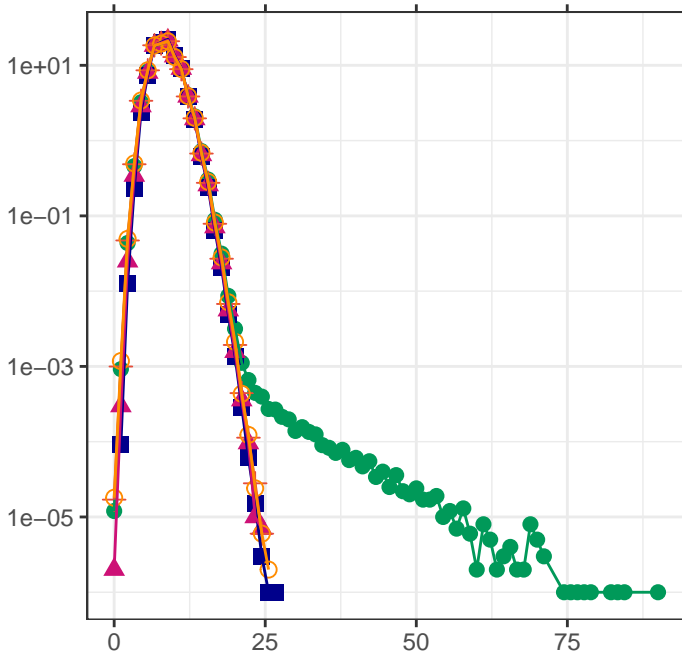
—○— F-model



# Distance Distribution of 90mers, Metric=NWSn

Share of maximal distance [%]

100 75 50 25



Distribution

—●— natural

—■— A-model

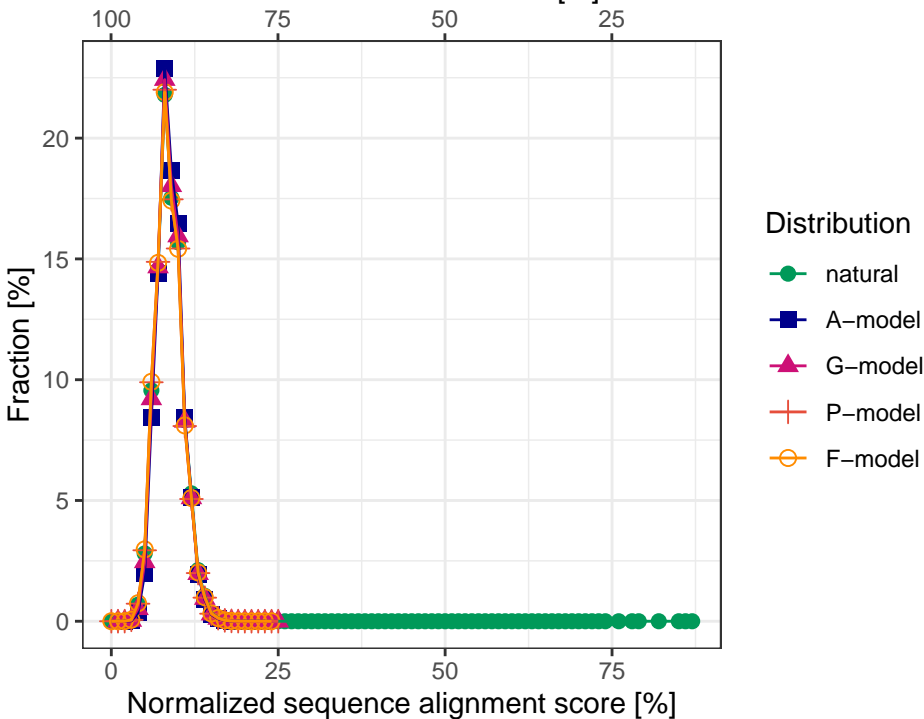
—▲— G-model

—+— P-model

—○— F-model

# Distance Distribution of 100mers, Metric=NWSn

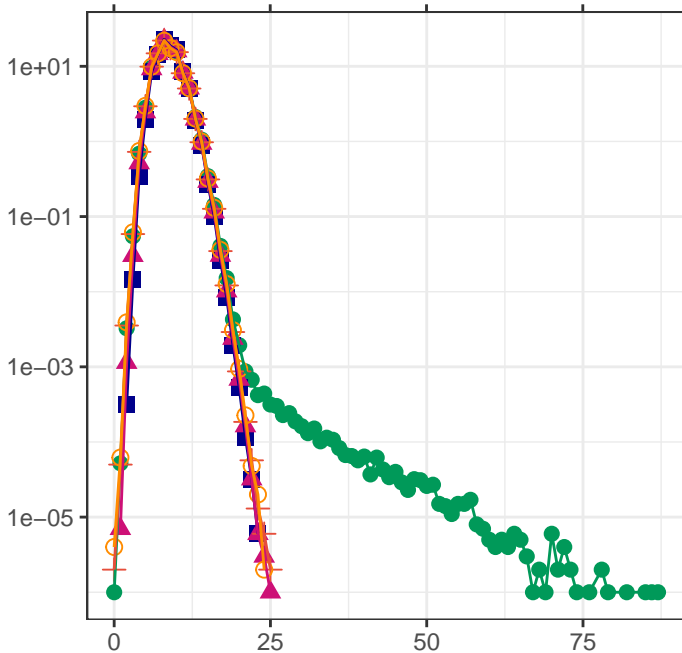
Share of maximal distance [%]



# Distance Distribution of 100mers, Metric=NWSn

Share of maximal distance [%]

100 75 50 25



Distribution

natural

A-model

G-model

P-model

F-model

Normalized sequence alignment score [%]