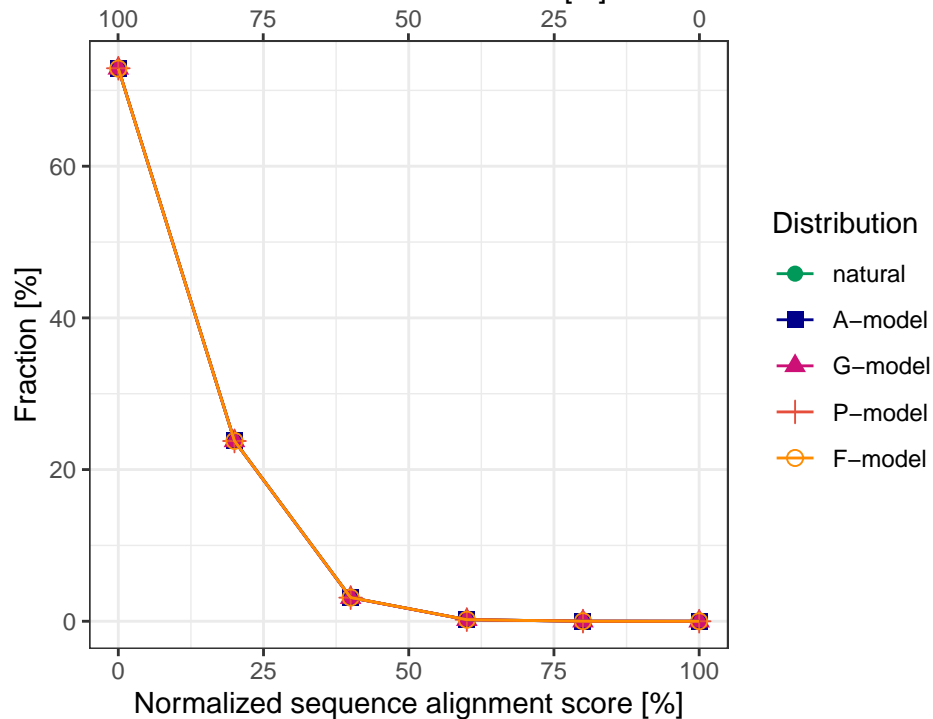


Distance Distribution of 5mers, Metric=NWLn

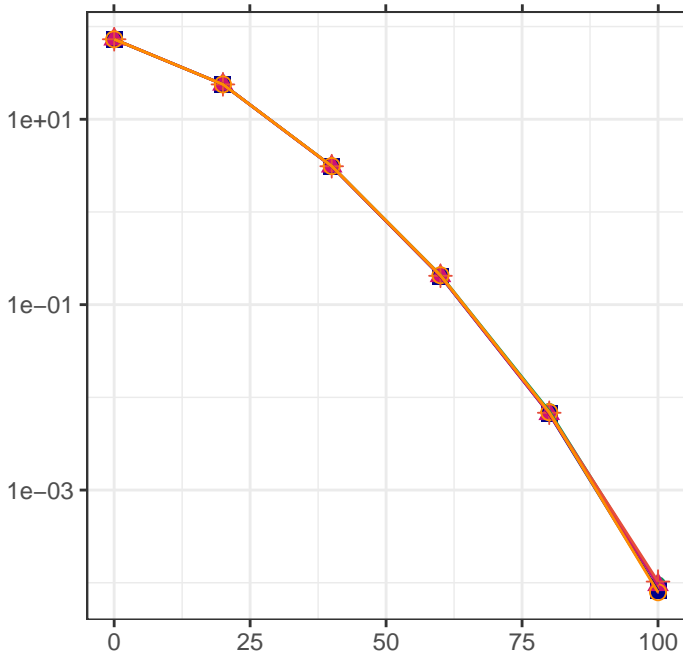
Share of maximal distance [%]



Distance Distribution of 5mers, Metric=NWLn

Share of maximal distance [%]

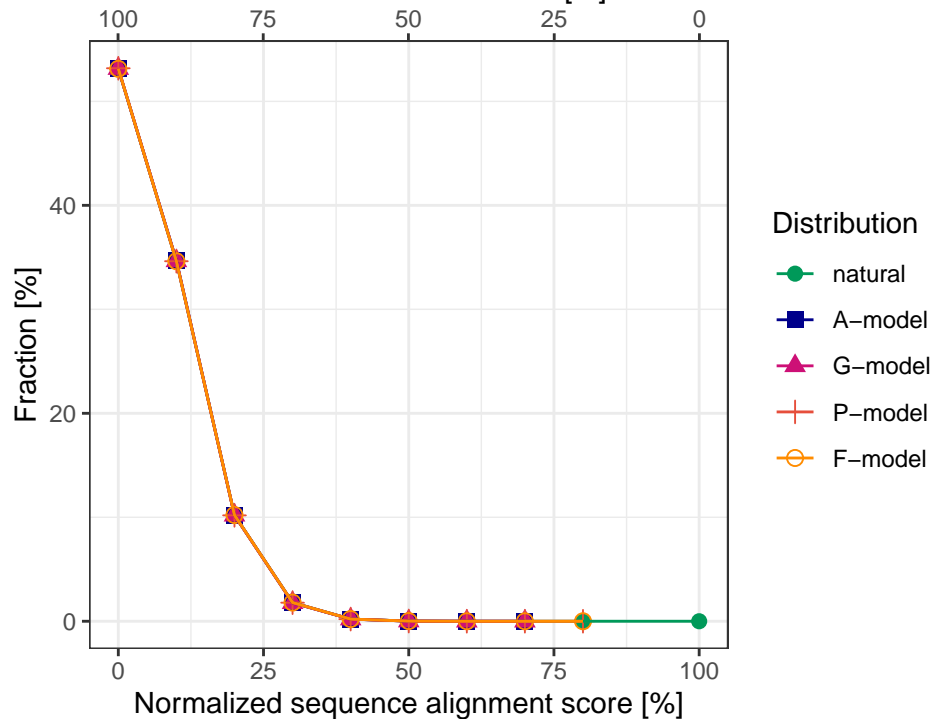
100 75 50 25 0



Normalized sequence alignment score [%]

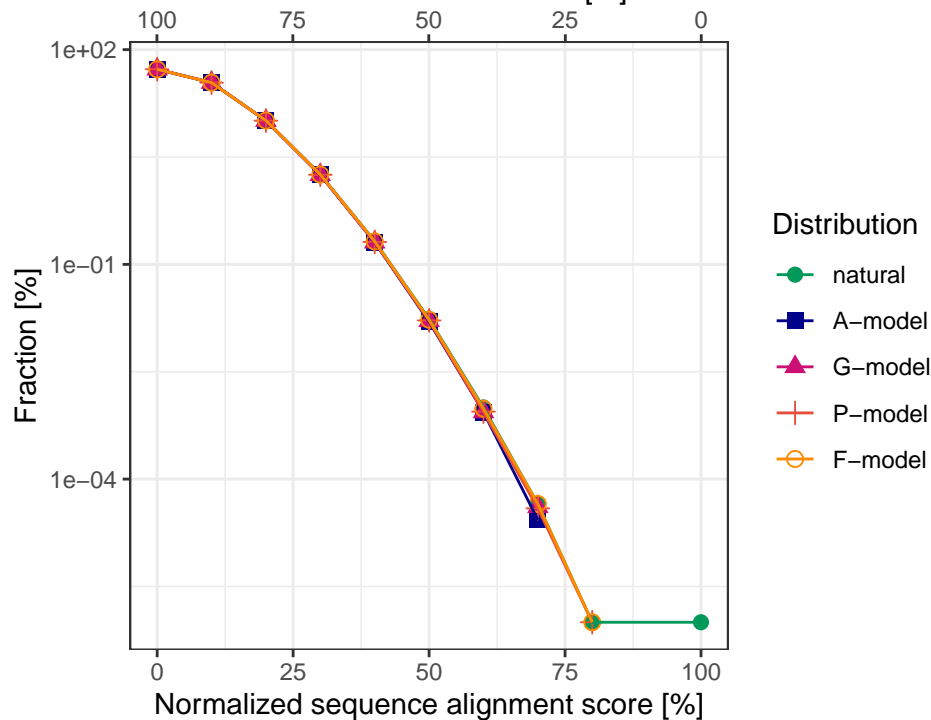
Distance Distribution of 10mers, Metric=NWLn

Share of maximal distance [%]



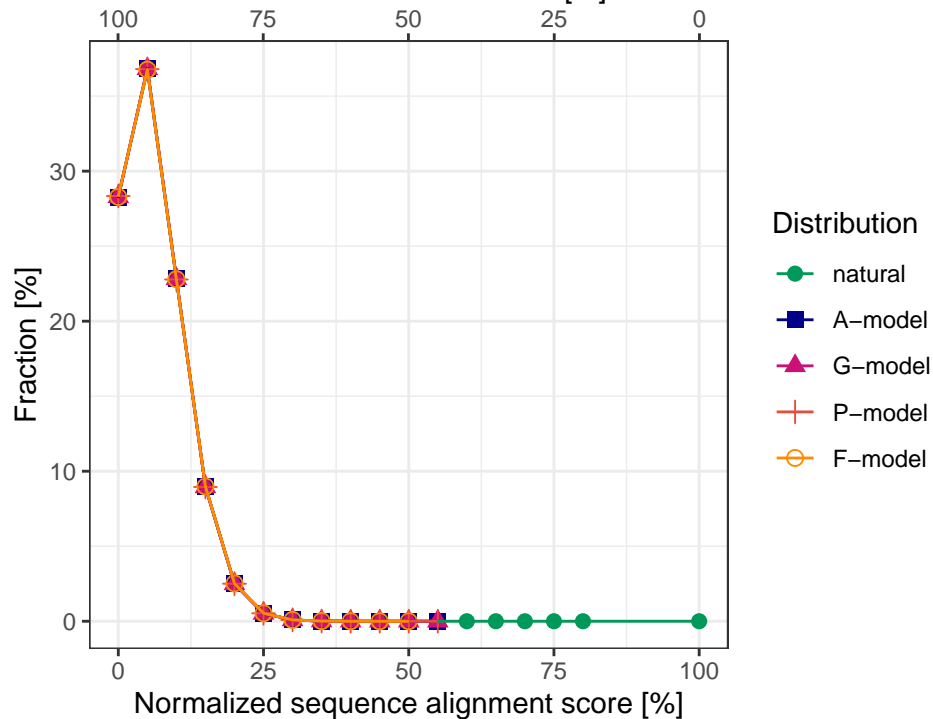
Distance Distribution of 10mers, Metric=NWLn

Share of maximal distance [%]



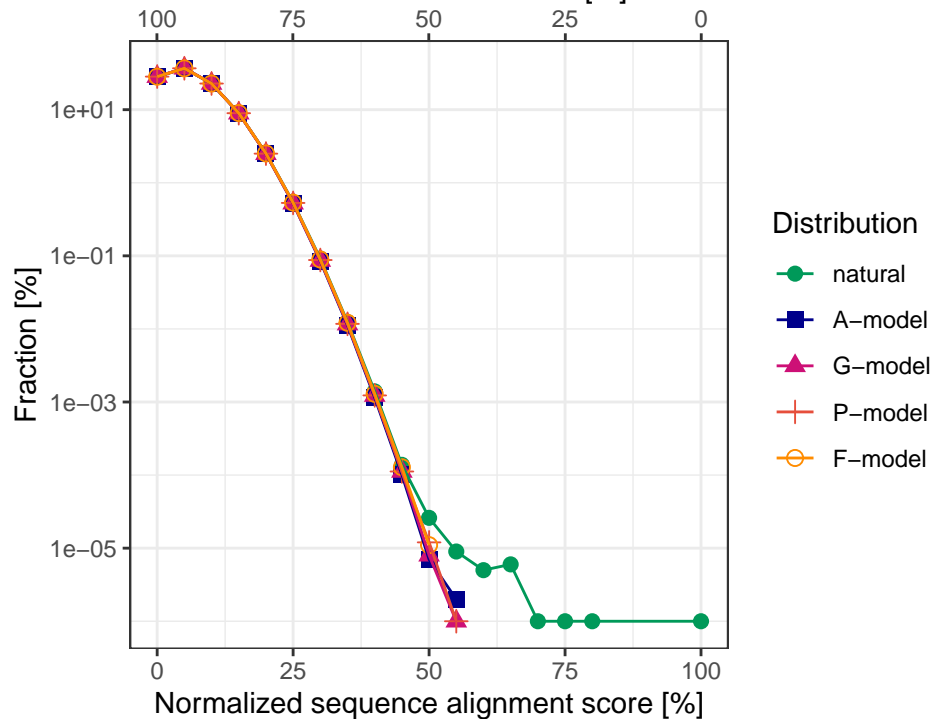
Distance Distribution of 20mers, Metric=NWLn

Share of maximal distance [%]



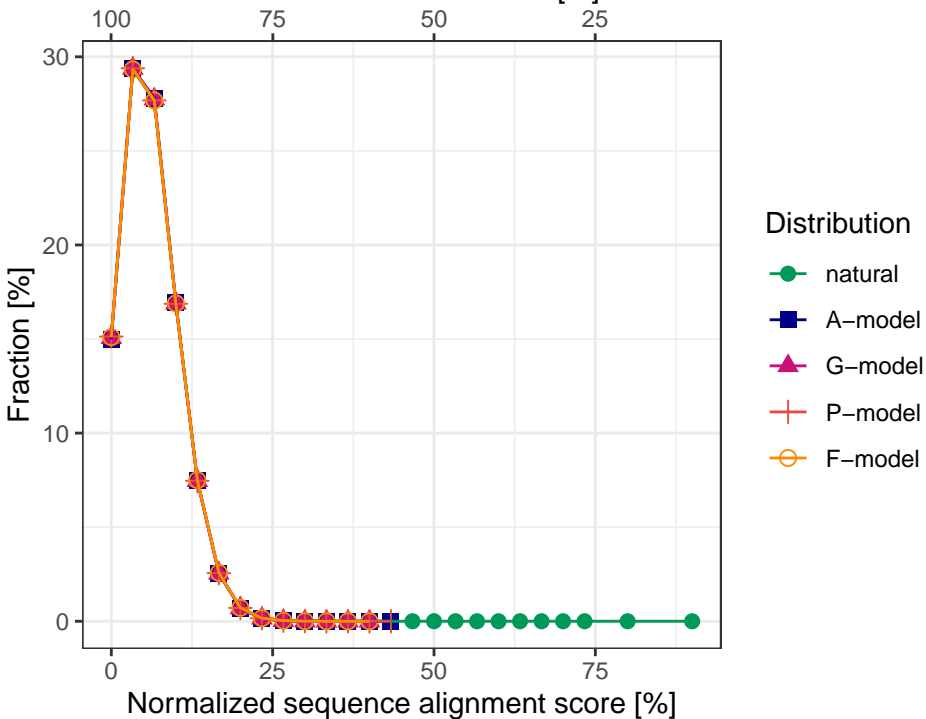
Distance Distribution of 20mers, Metric=NWLn

Share of maximal distance [%]



Distance Distribution of 30mers, Metric=NWLn

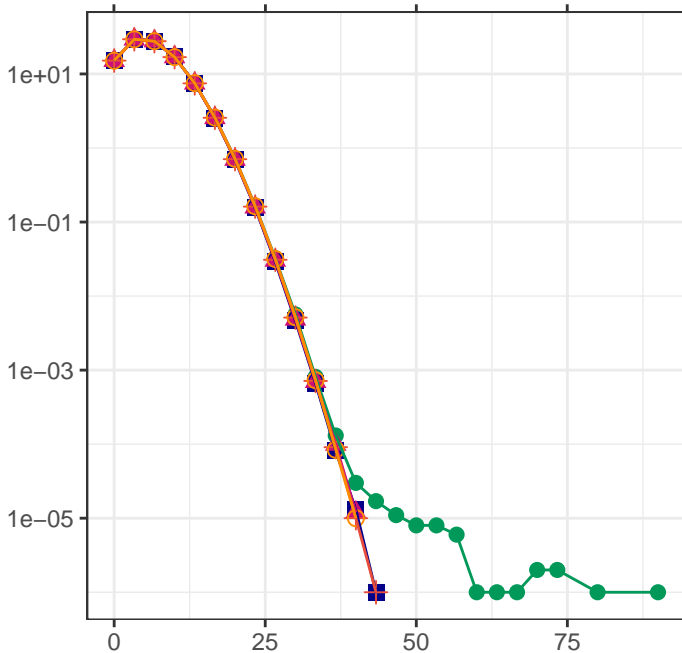
Share of maximal distance [%]



Distance Distribution of 30mers, Metric=NWLn

Share of maximal distance [%]

100 75 50 25



Distribution

● natural

■ A-model

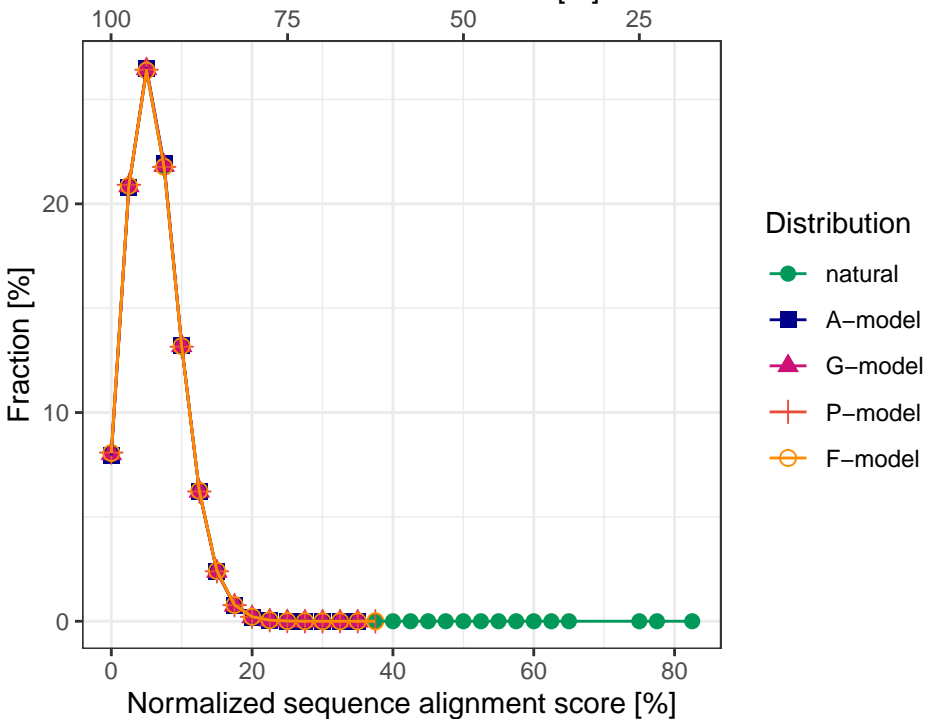
▲ G-model

+ P-model

○ F-model

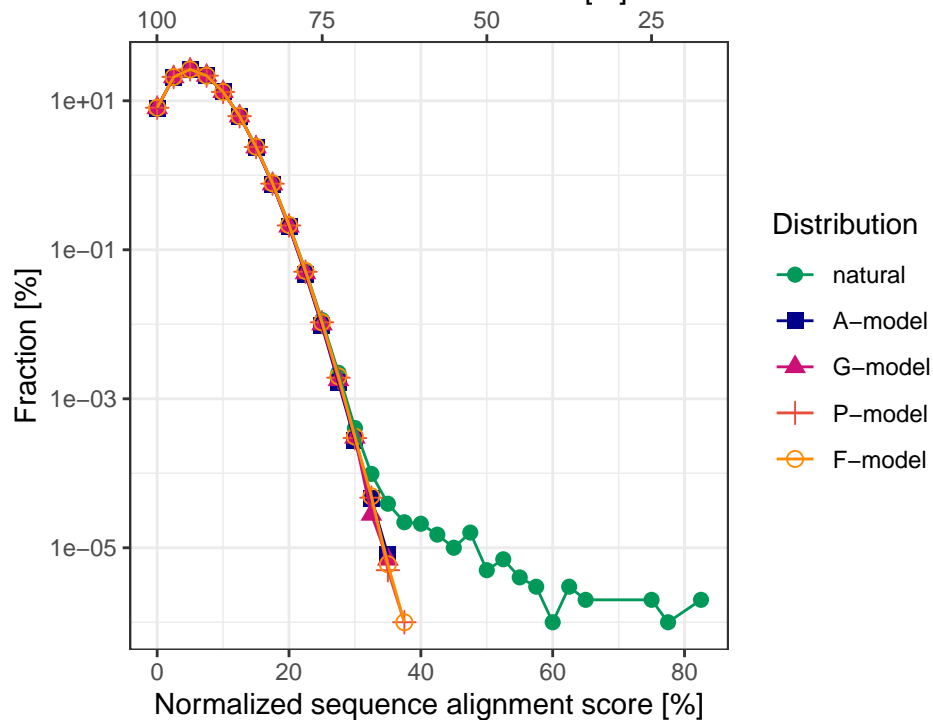
Distance Distribution of 40mers, Metric=NWLn

Share of maximal distance [%]



Distance Distribution of 40mers, Metric=NWLn

Share of maximal distance [%]



Distance Distribution of 50mers, Metric=NWLn

Share of maximal distance [%]

100

75

50

25

20

15

10

5

0

Distribution

—●— natural

—■— A-model

—▲— G-model

—+— P-model

—○— F-model

Normalized sequence alignment score [%]

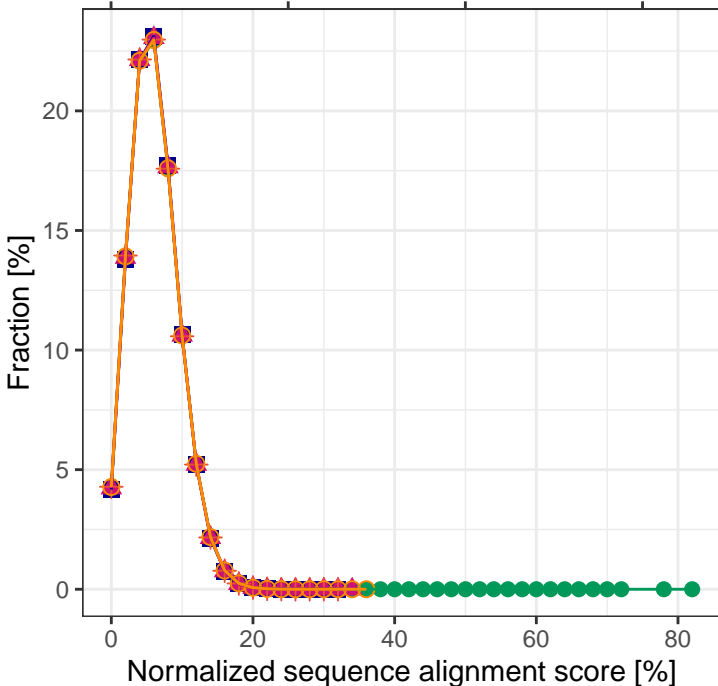
0

20

40

60

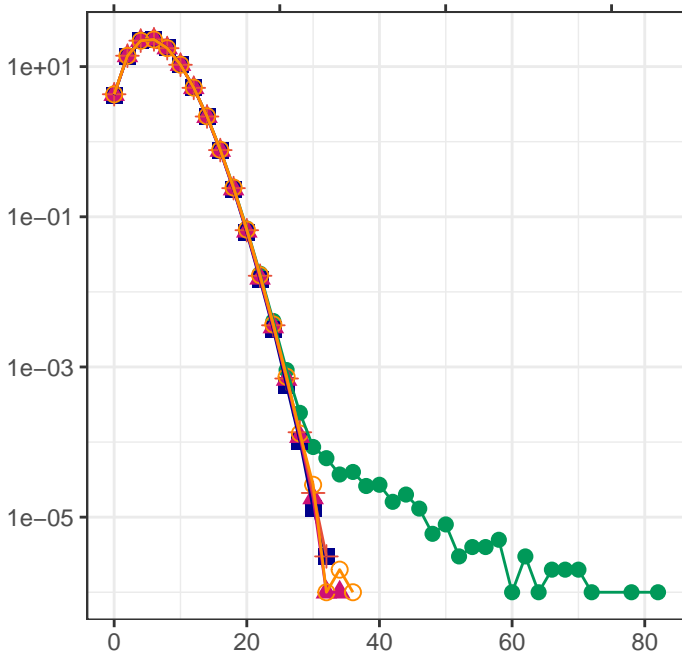
80



Distance Distribution of 50mers, Metric=NWLn

Share of maximal distance [%]

100 75 50 25



Distribution

● natural

■ A-model

▲ G-model

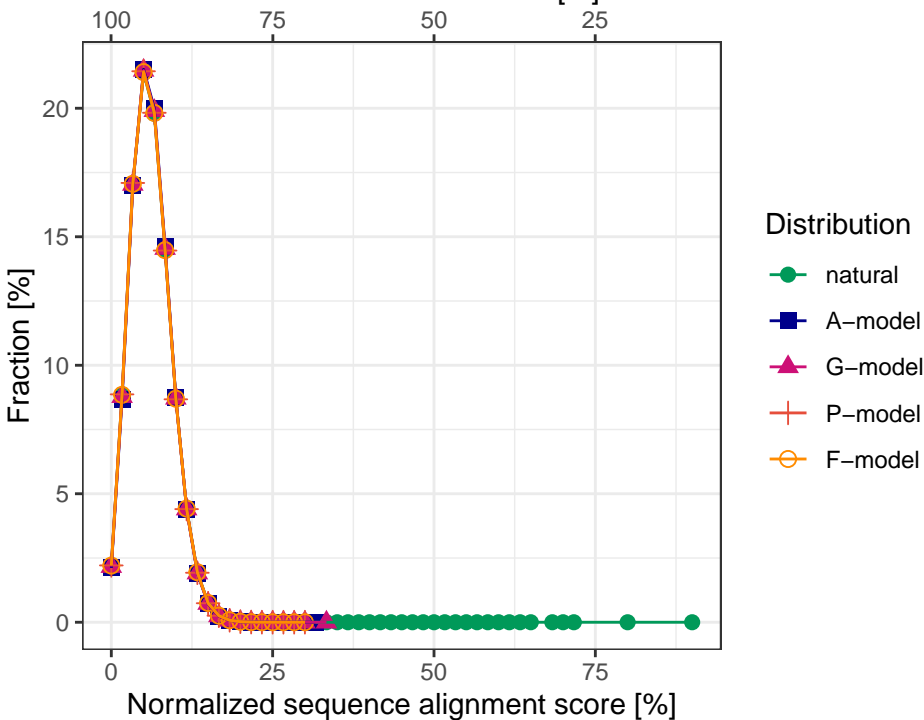
+ P-model

○ F-model

Normalized sequence alignment score [%]

Distance Distribution of 60mers, Metric=NWLn

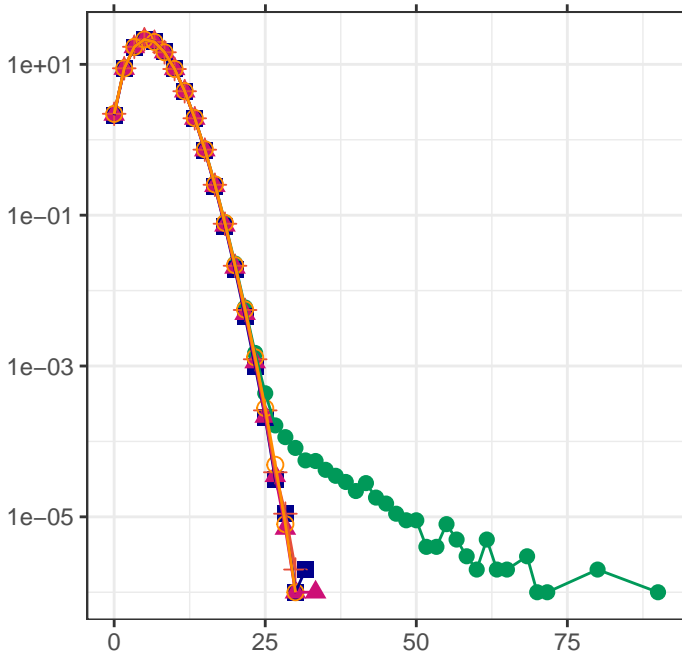
Share of maximal distance [%]



Distance Distribution of 60mers, Metric=NWLn

Share of maximal distance [%]

100 75 50 25



Distribution

—●— natural

—■— A-model

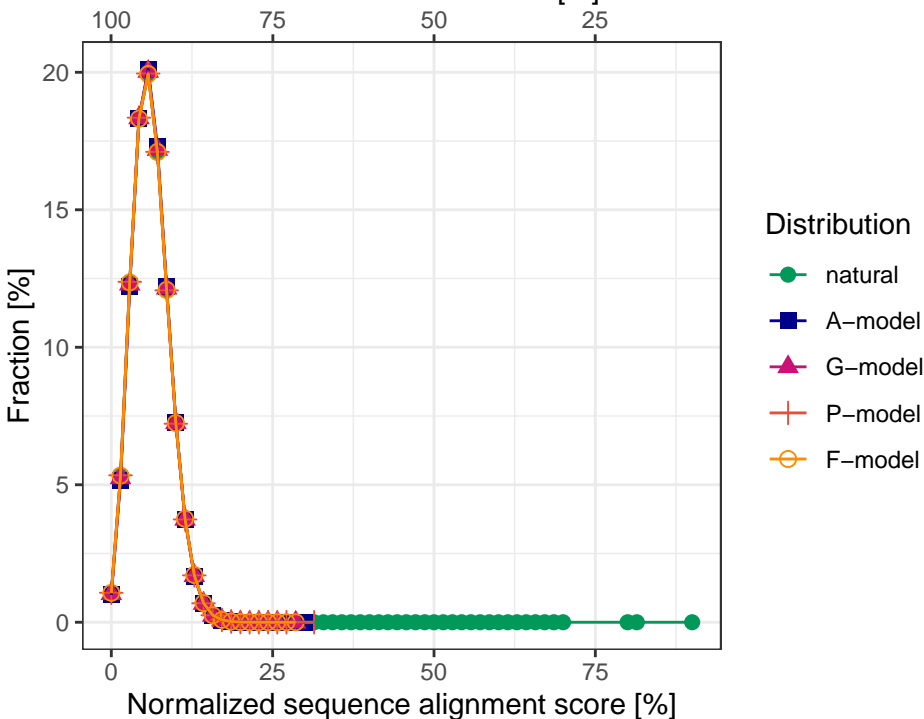
—▲— G-model

—+— P-model

—○— F-model

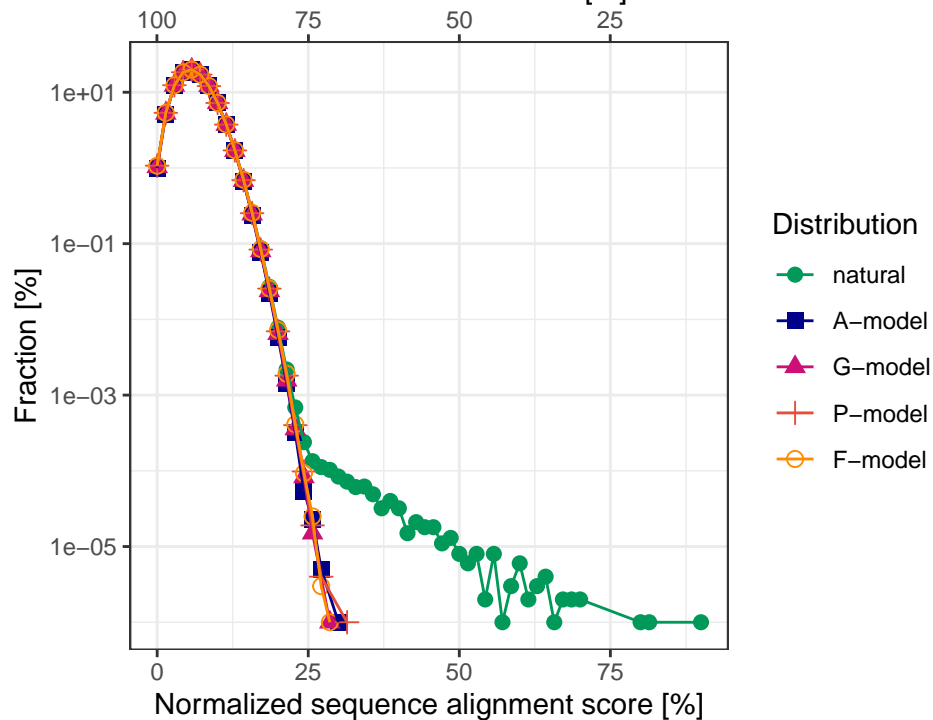
Distance Distribution of 70mers, Metric=NWLn

Share of maximal distance [%]



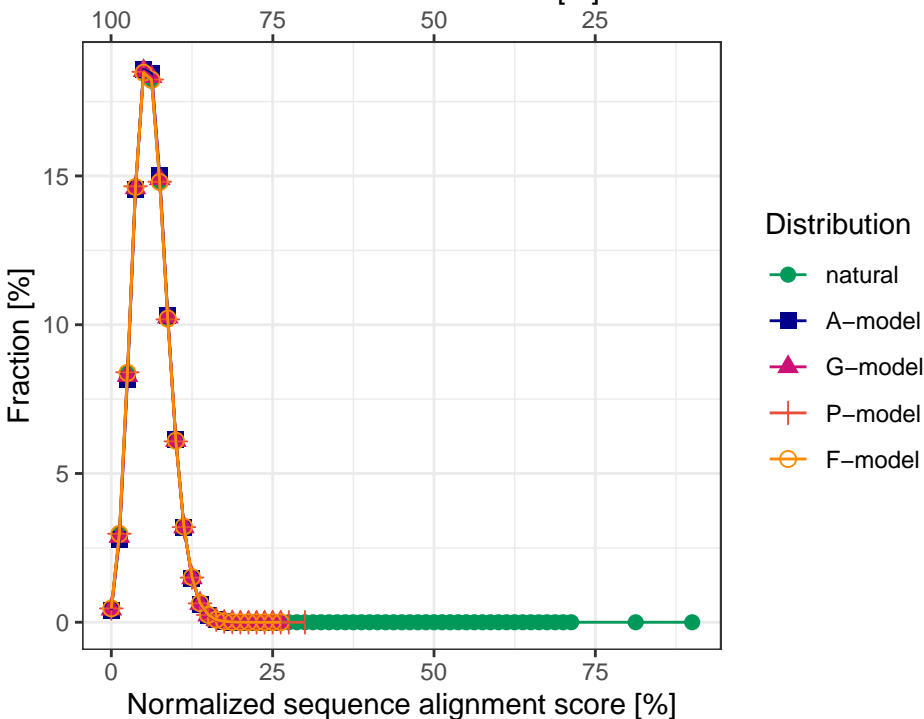
Distance Distribution of 70mers, Metric=NWLn

Share of maximal distance [%]



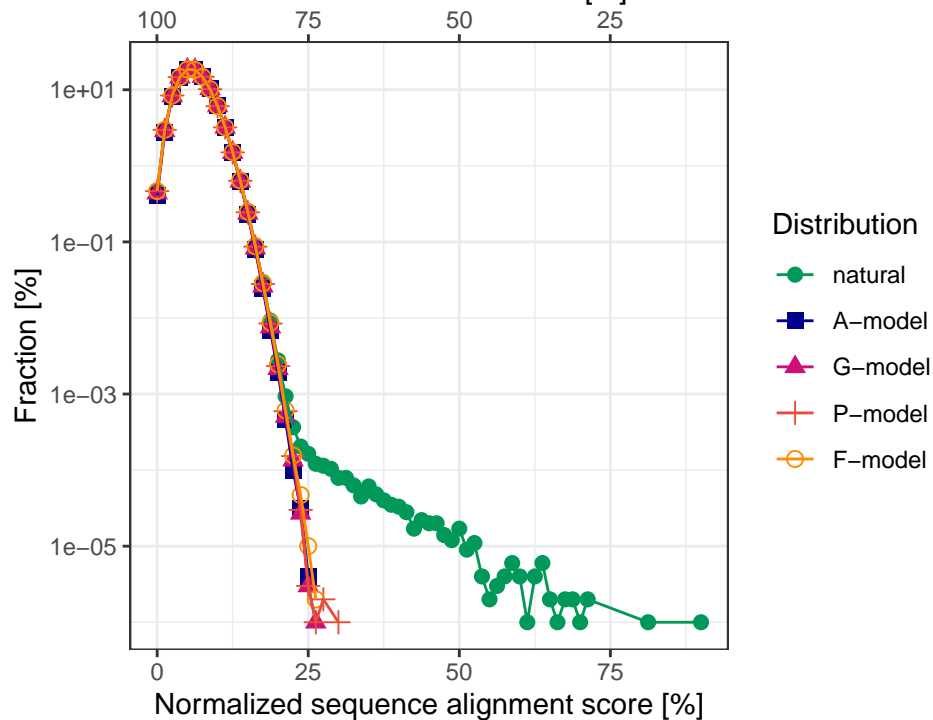
Distance Distribution of 80mers, Metric=NWLn

Share of maximal distance [%]



Distance Distribution of 80mers, Metric=NWLn

Share of maximal distance [%]



Distance Distribution of 90mers, Metric=NWLn

Share of maximal distance [%]

100

75

50

25

15

10

5

0

Distribution

—●— natural

—■— A-model

—▲— G-model

—+— P-model

—○— F-model

Normalized sequence alignment score [%]

Fraction [%]

0

5

10

15

0

25

50

75

100

25

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100

25

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75

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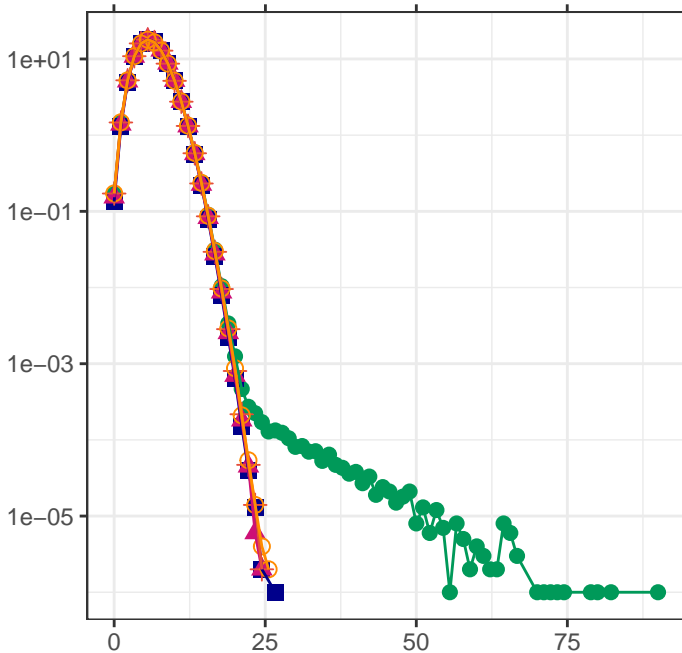
75

100

Distance Distribution of 90mers, Metric=NWLn

Share of maximal distance [%]

100 75 50 25



Distribution

—●— natural

—■— A-model

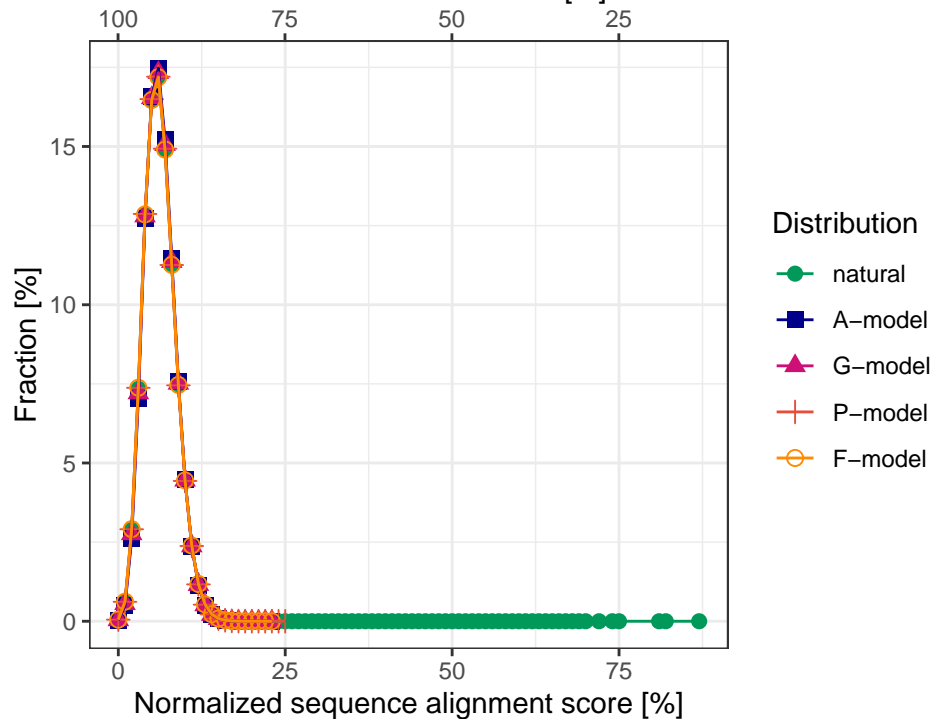
—▲— G-model

—+— P-model

—○— F-model

Distance Distribution of 100mers, Metric=NWLn

Share of maximal distance [%]



Distance Distribution of 100mers, Metric=NWLn

Share of maximal distance [%]

100 75 50 25

1e+01

1e-01

1e-03

1e-05

Fraction [%]

0 25 50 75

Normalized sequence alignment score [%]

Distribution

—●— natural

—■— A-model

—▲— G-model

—+— P-model

—○— F-model

