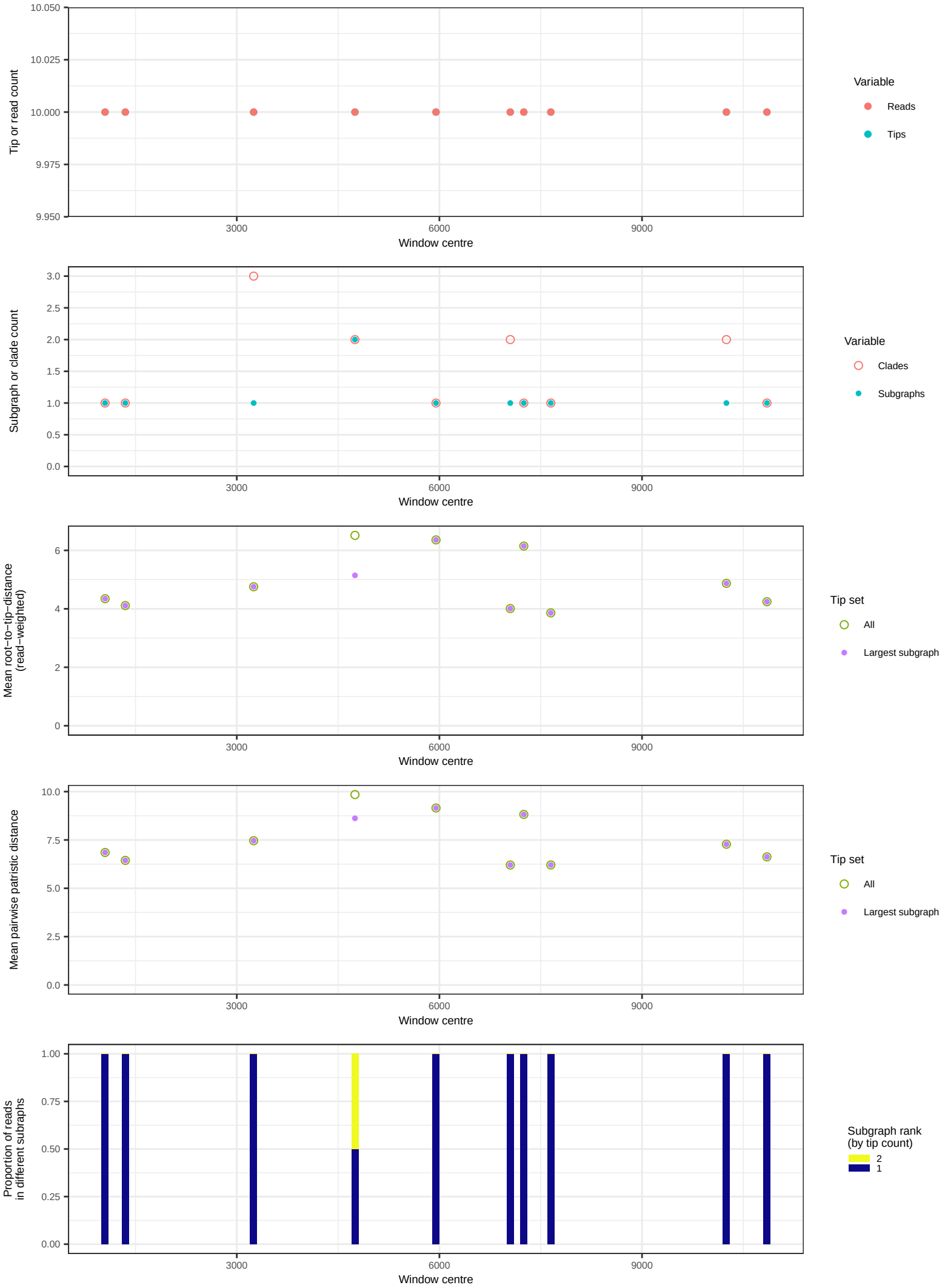
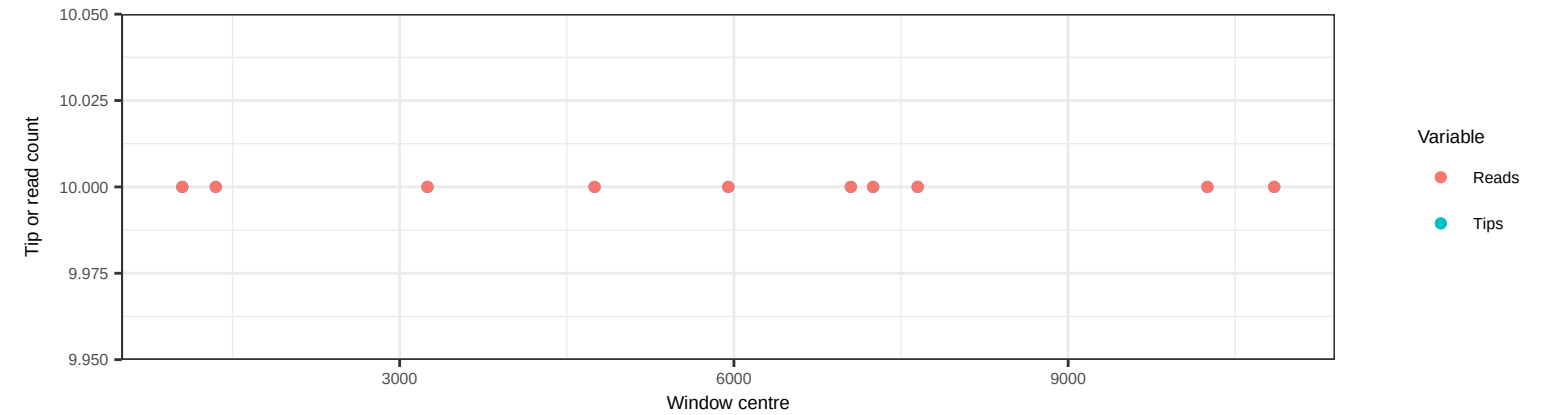
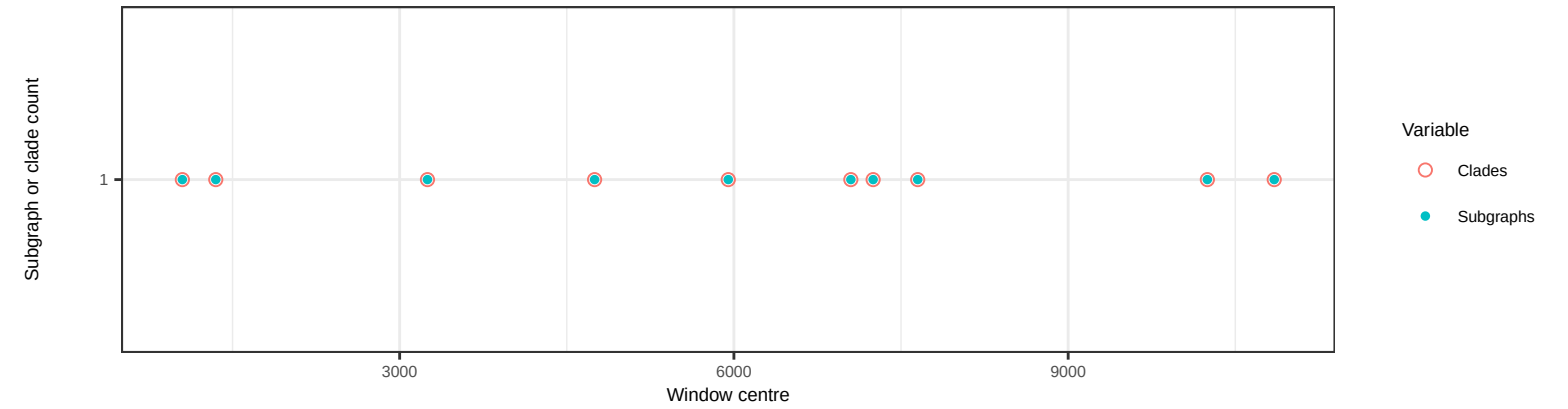
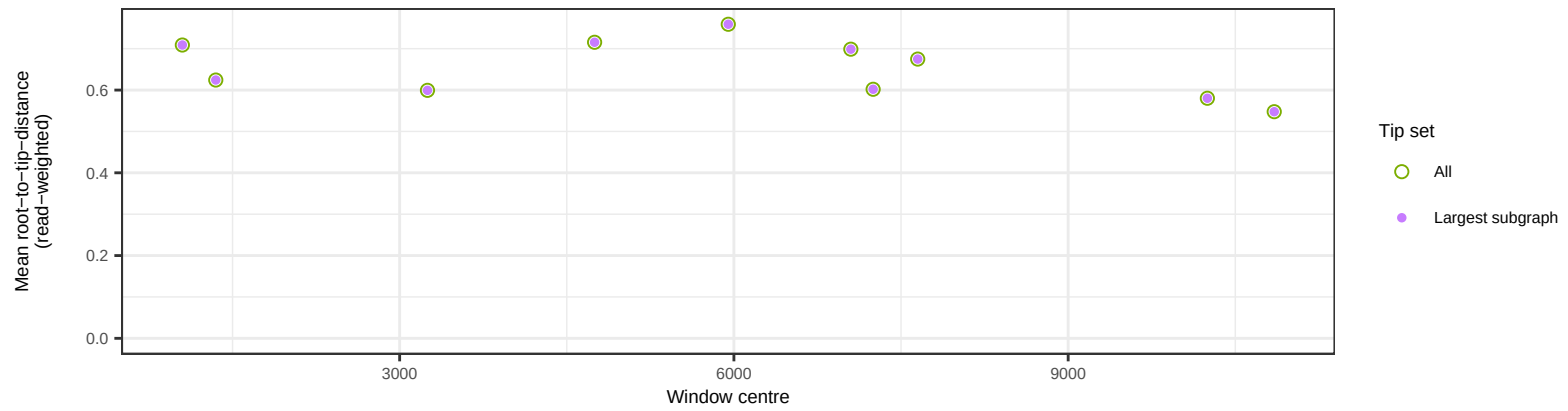
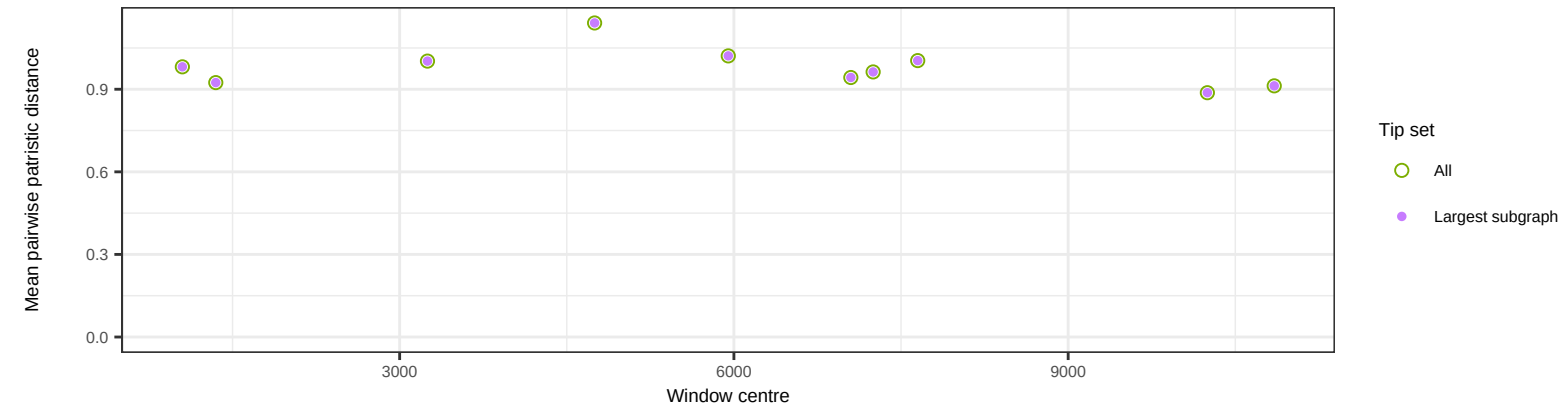
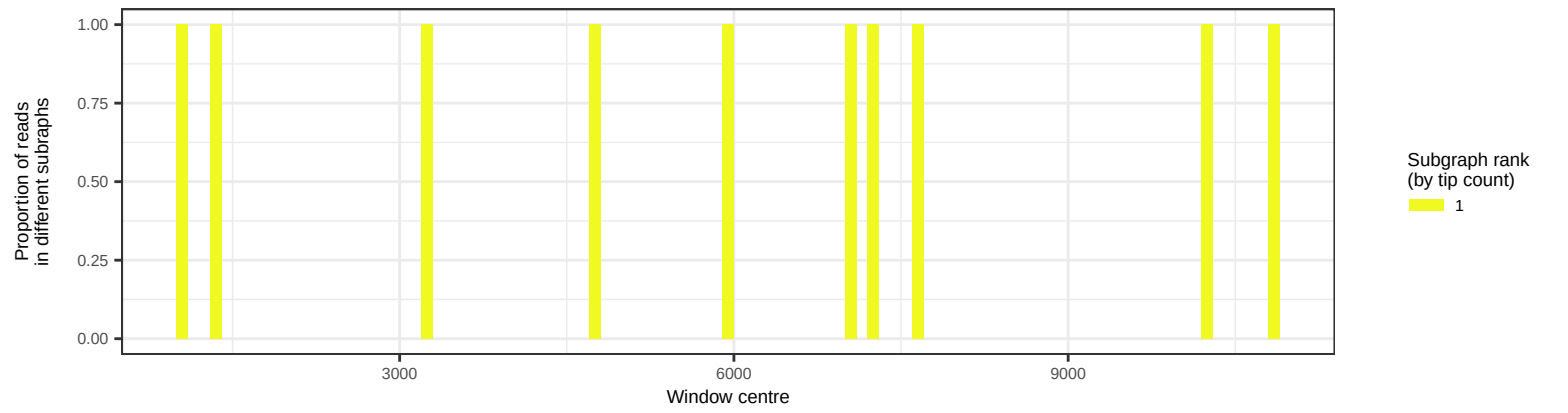

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
10.0
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1

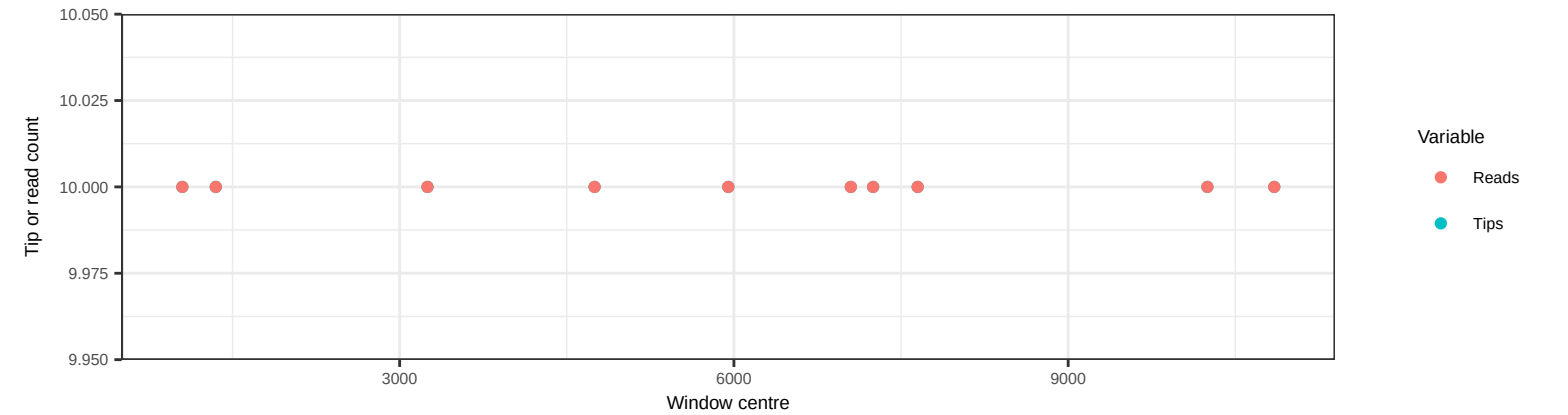

10.050
10.025
10.000
9.975
9.950
Tip or read count
3000
6000
9000
Window centre
Variable
Reads
Tips

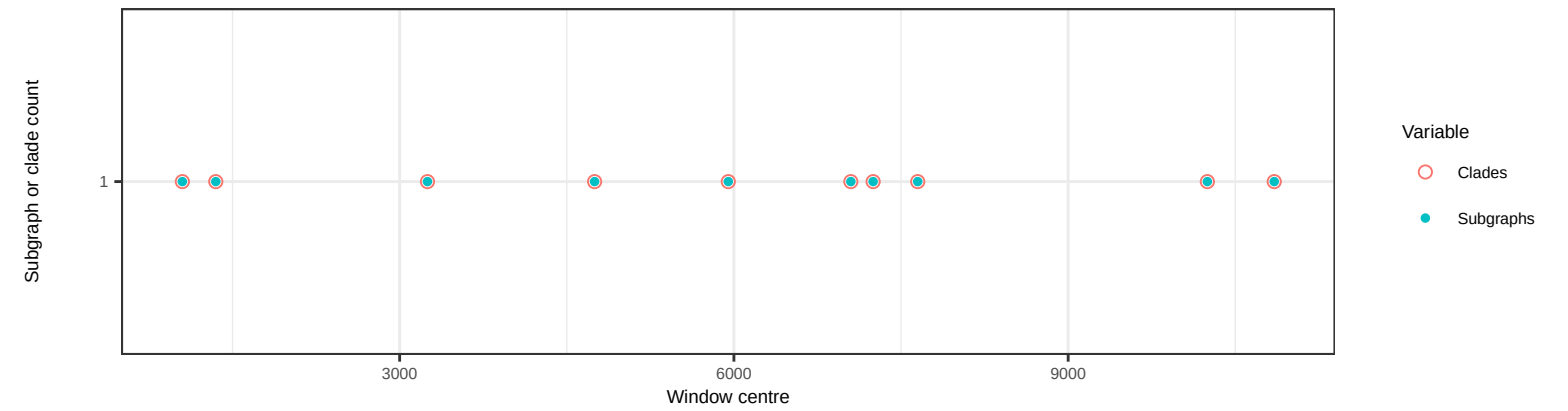

1
Subgraph or clade count
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

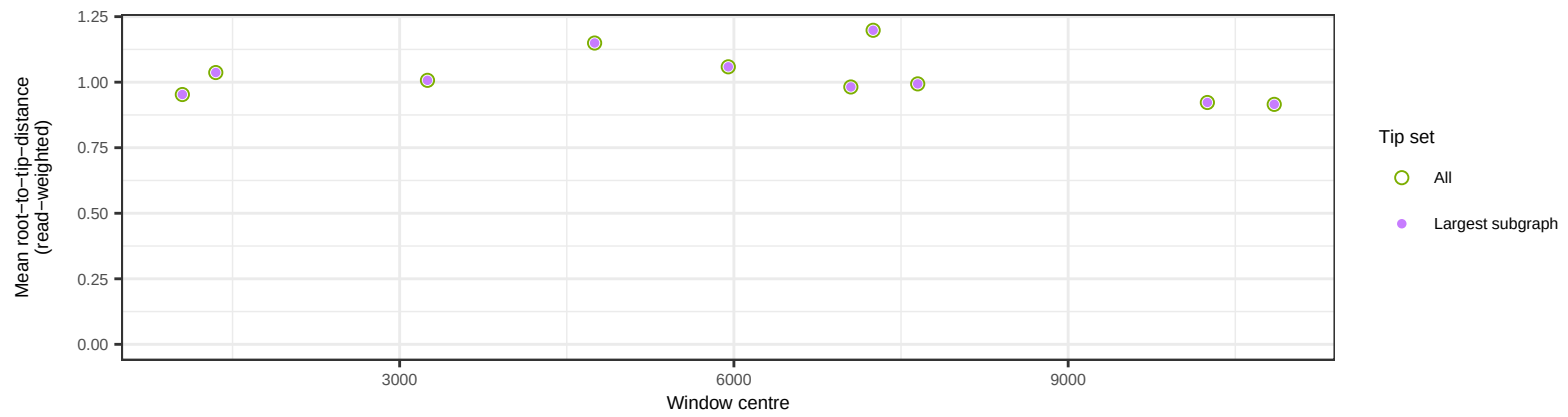

0.6
0.4
0.2
0.0
Mean root−to−tip−distance
(read−weighted)
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

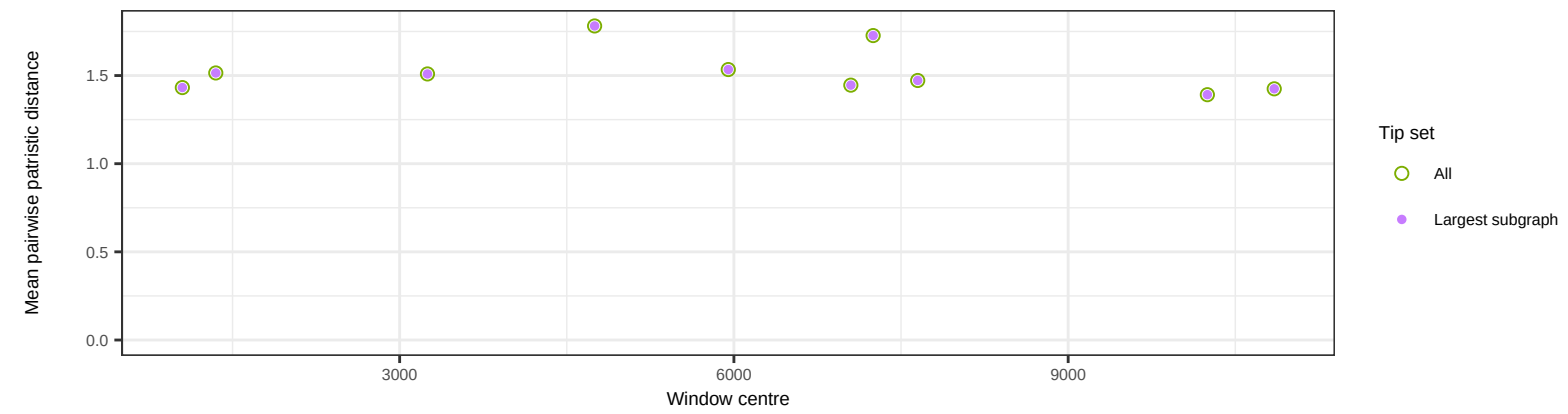

0.9
0.6
0.3
0.0
Mean pairwise patristic distance
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

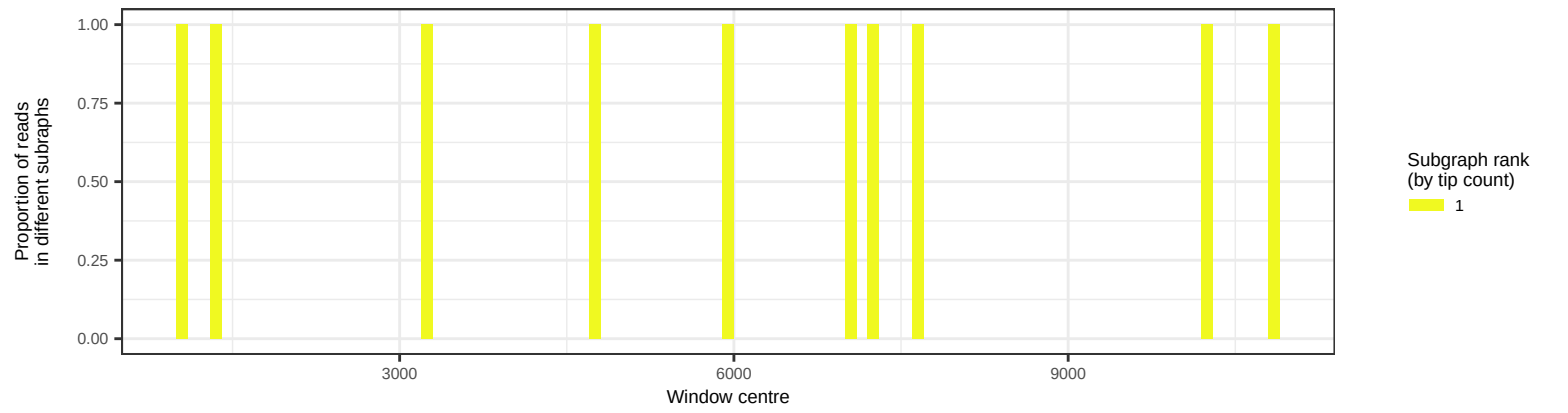

1.00
0.75
0.50
0.25
0.00
Proportion of reads
in different subraphs
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

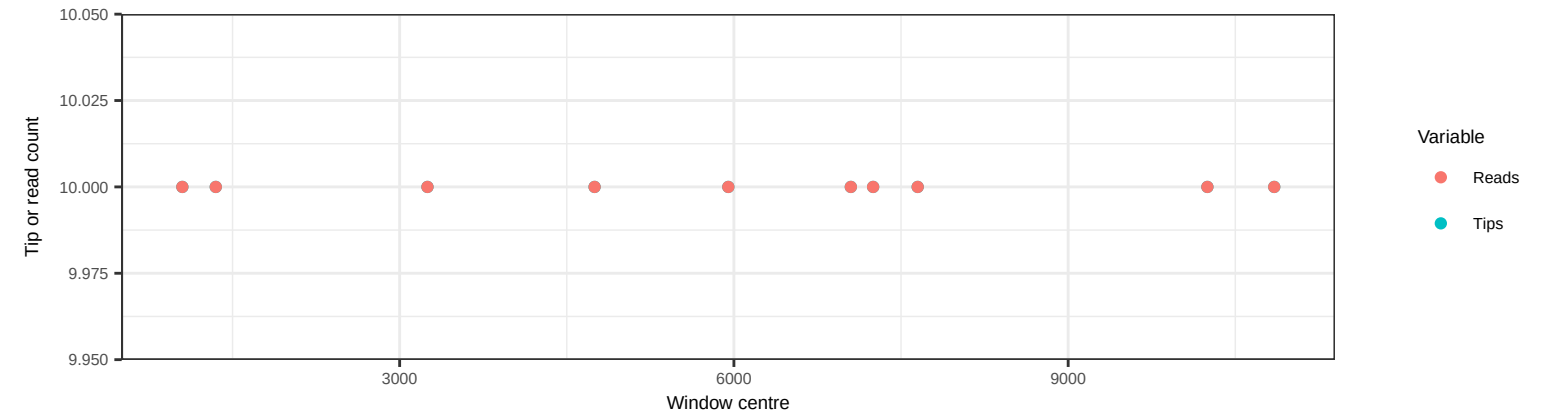

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

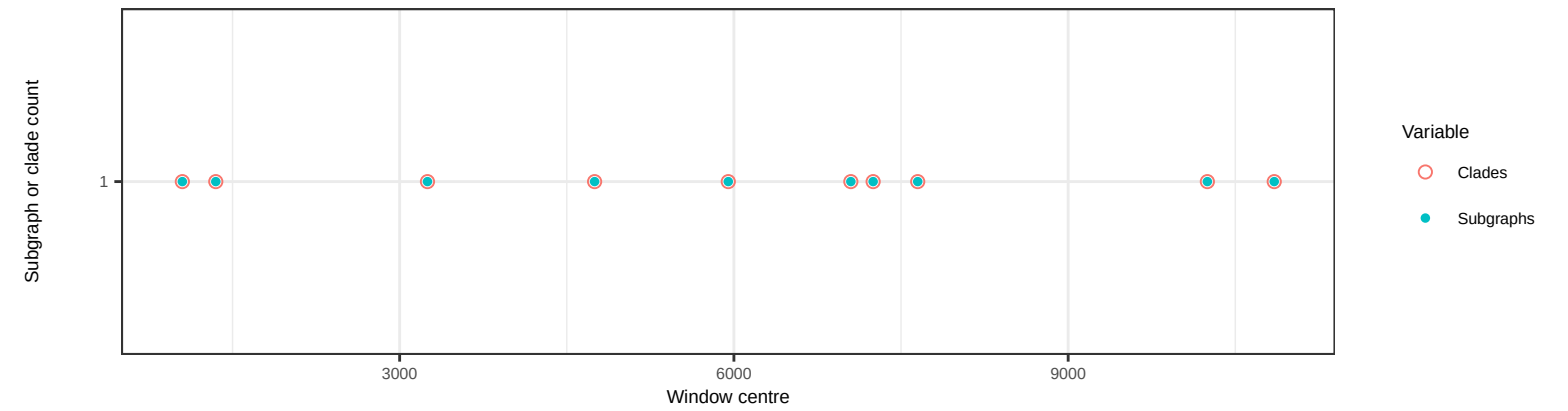

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

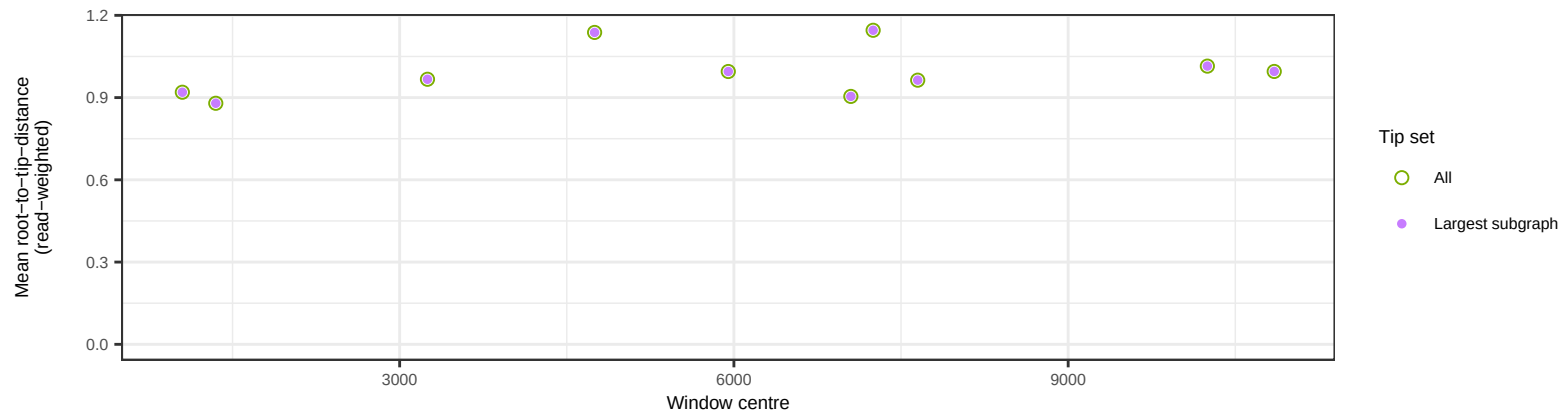

Mean root−to−tip−distance
(read−weighted)
1.25
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

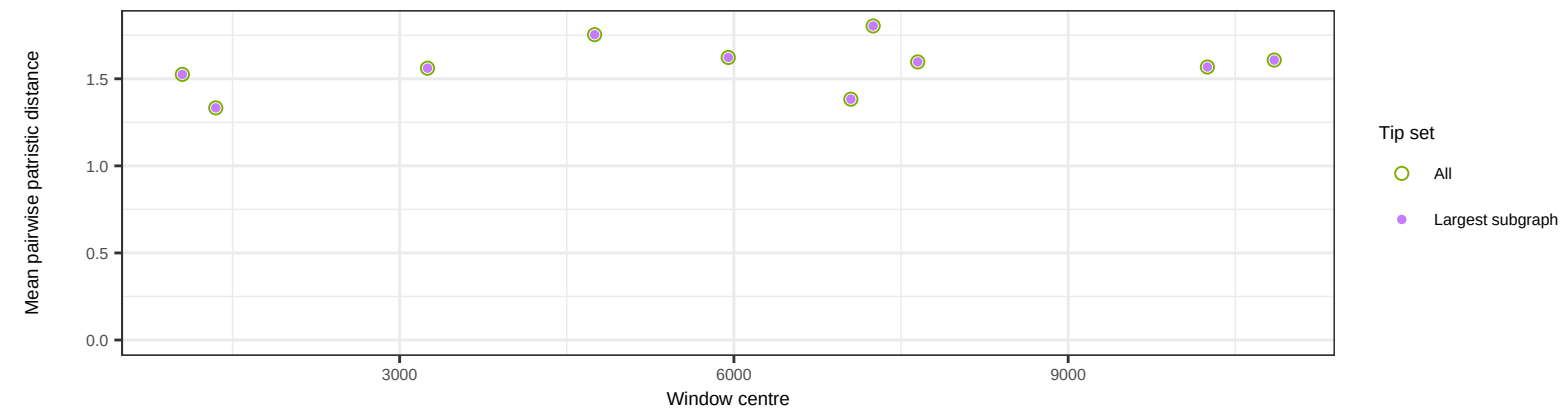

Mean pairwise patristic distance
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

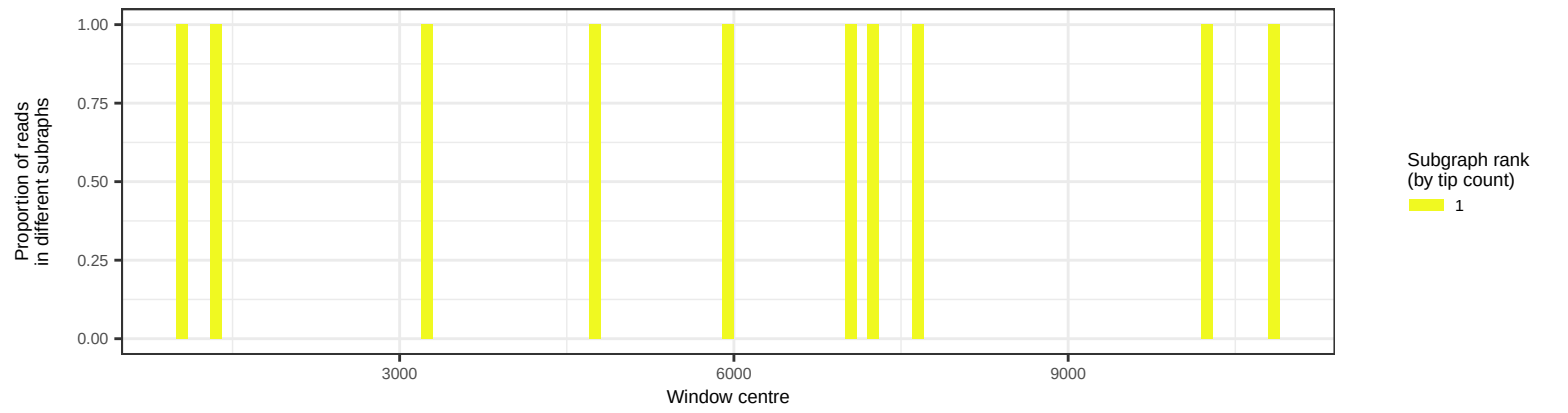

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

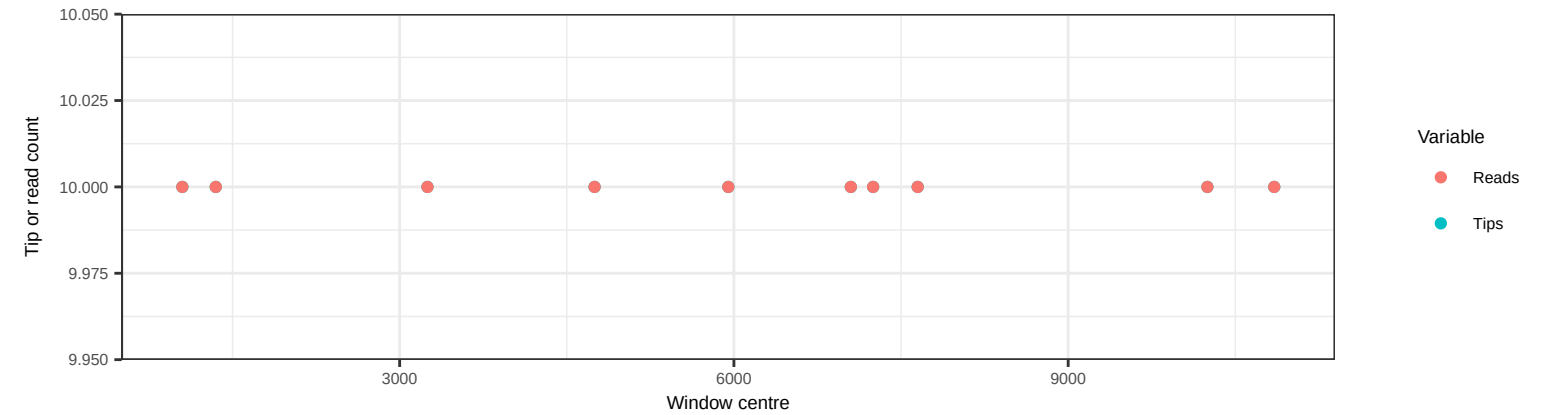

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

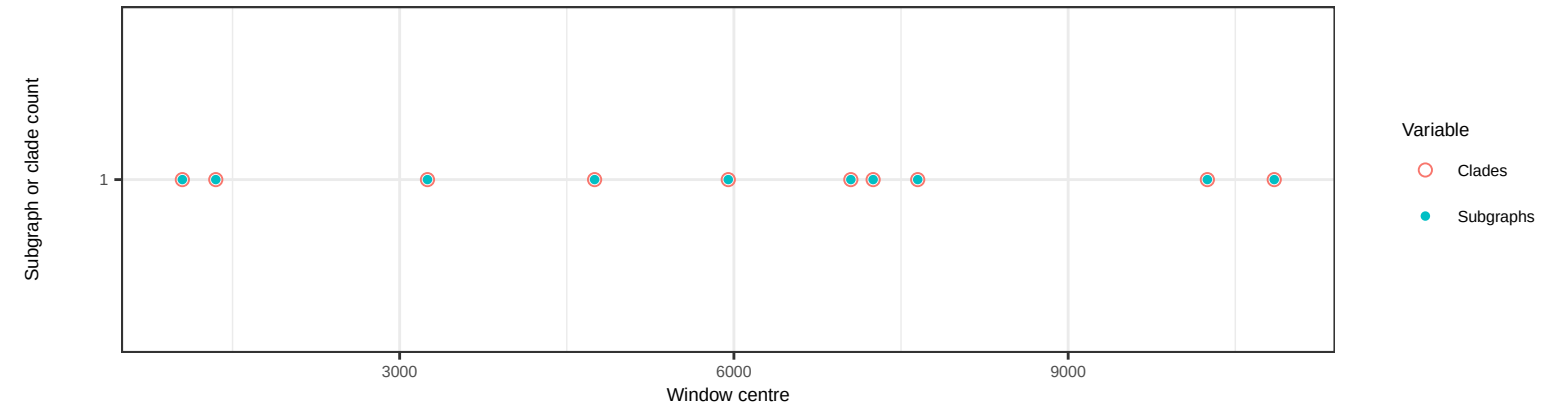

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

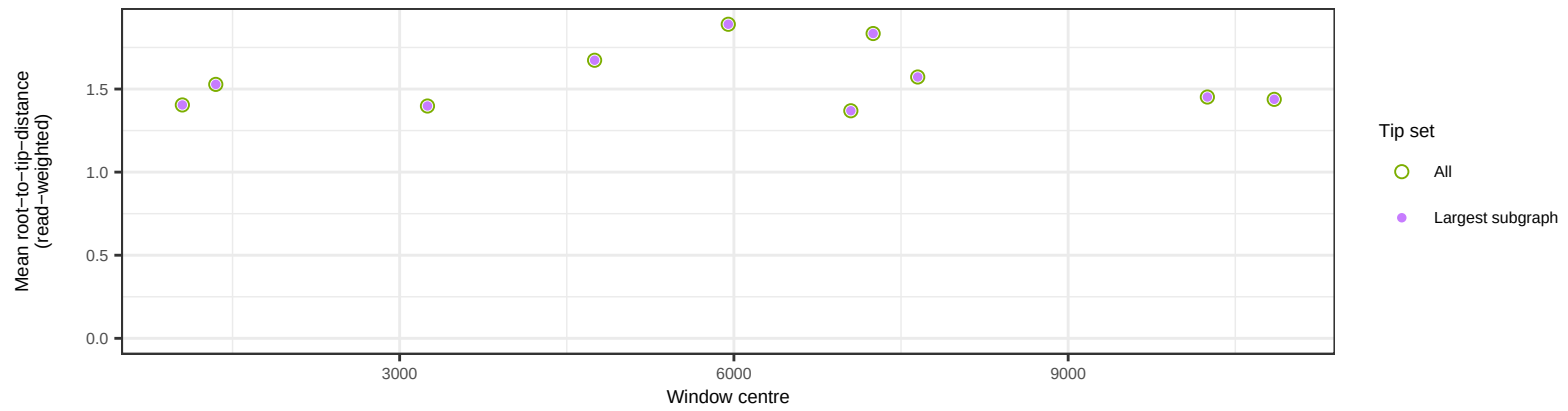

Mean root−to−tip−distance
(read−weighted)
1.2
0.9
0.6
0.3
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

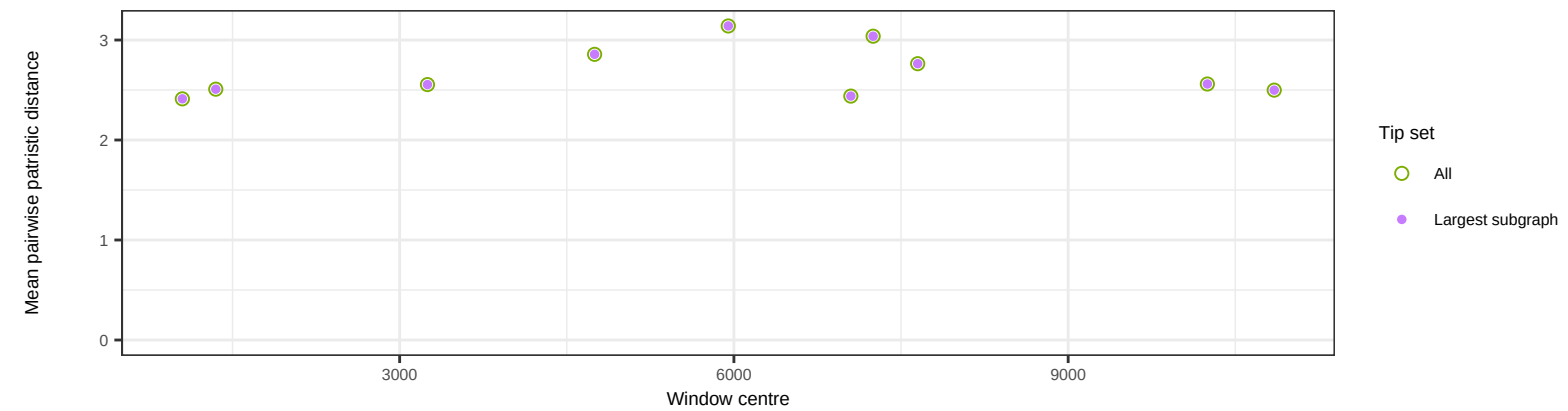

Mean pairwise patristic distance
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

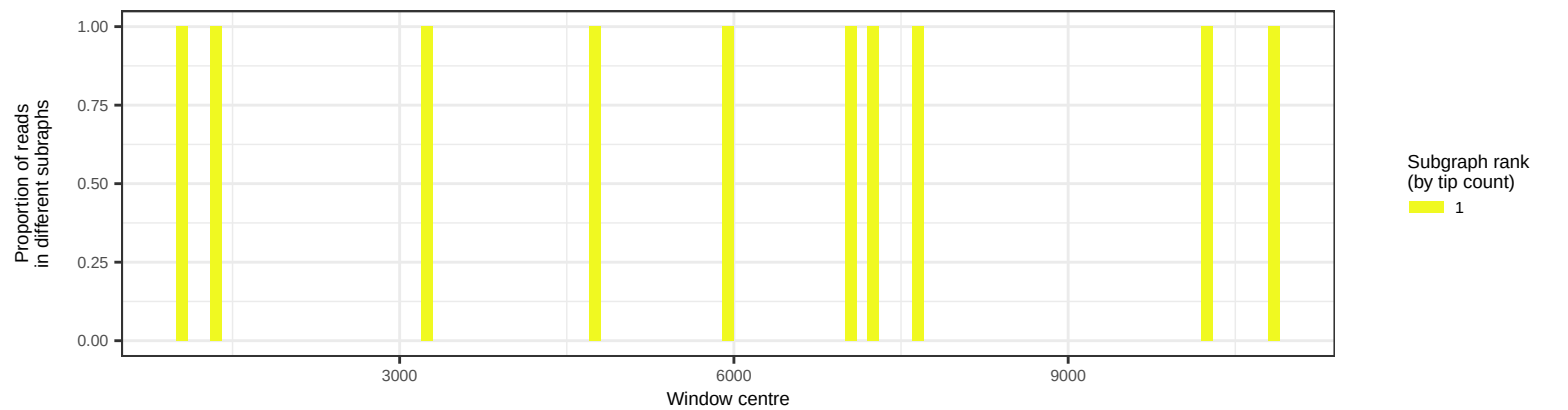

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

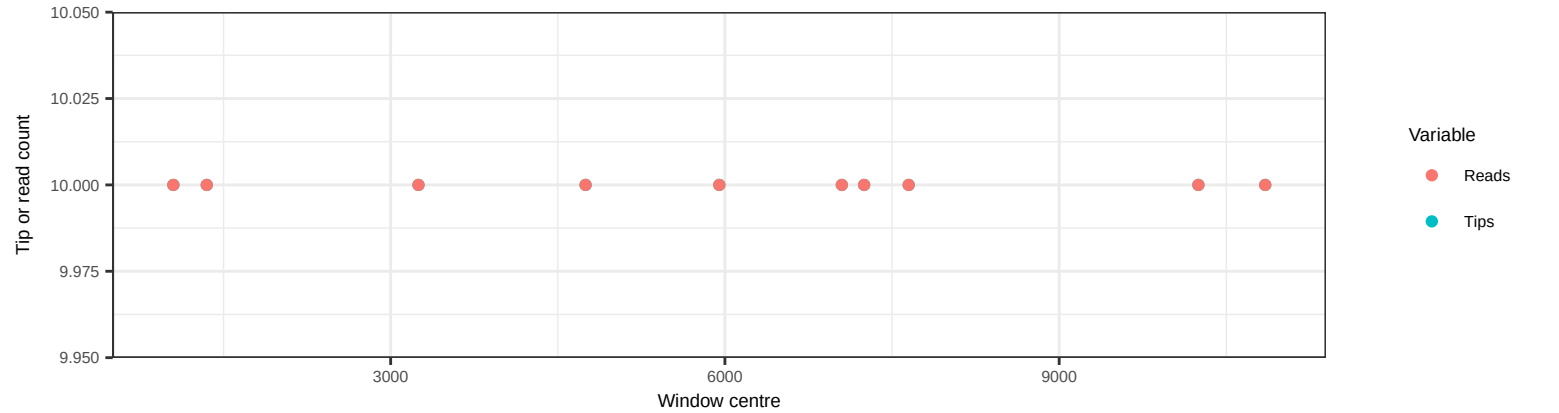

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

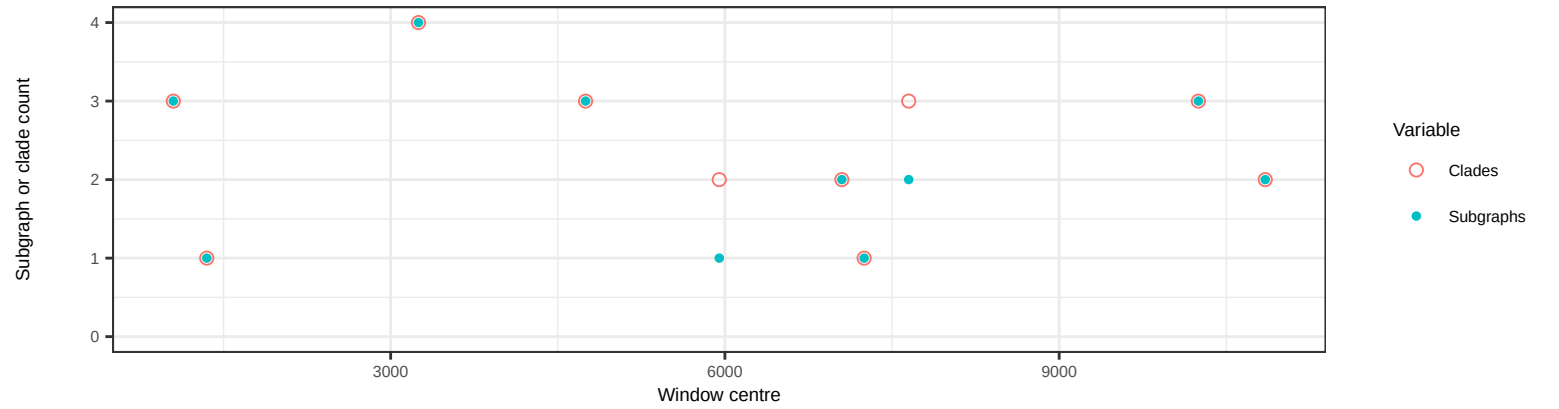

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

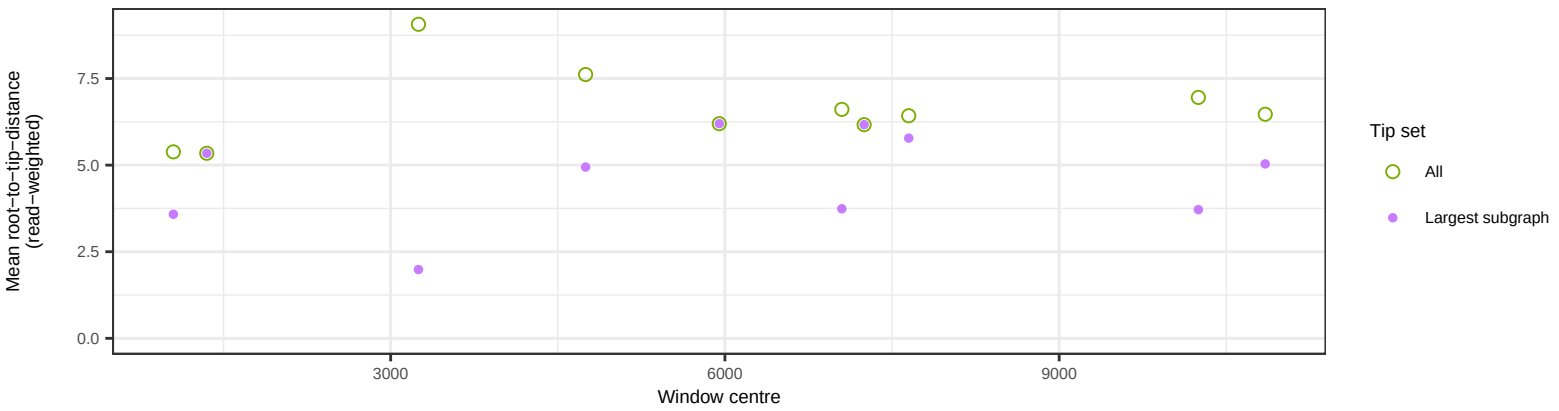

Mean root−to−tip−distance
(read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

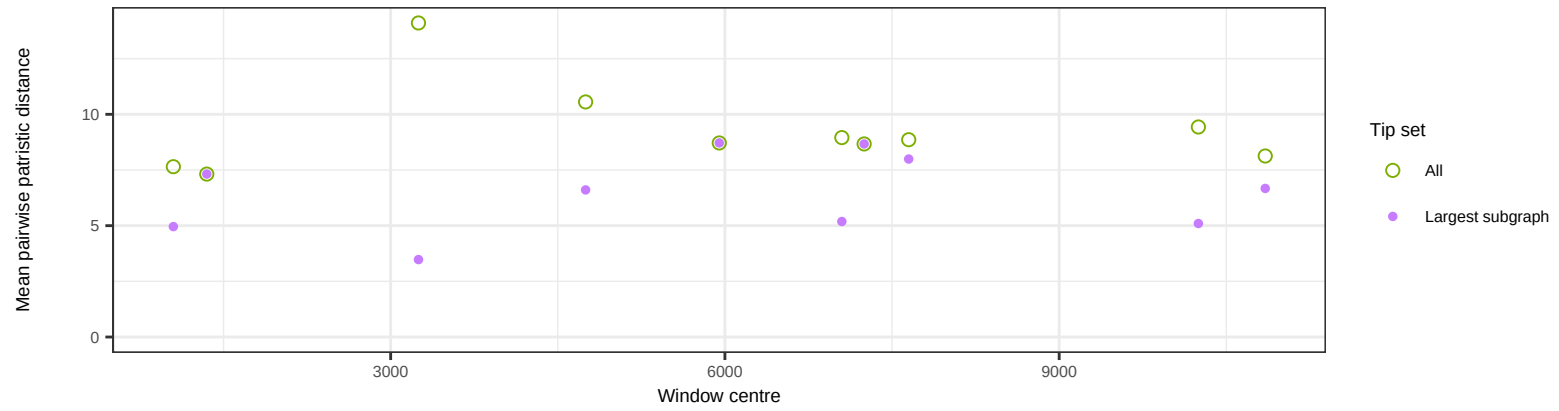

Mean pairwise patristic distance
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

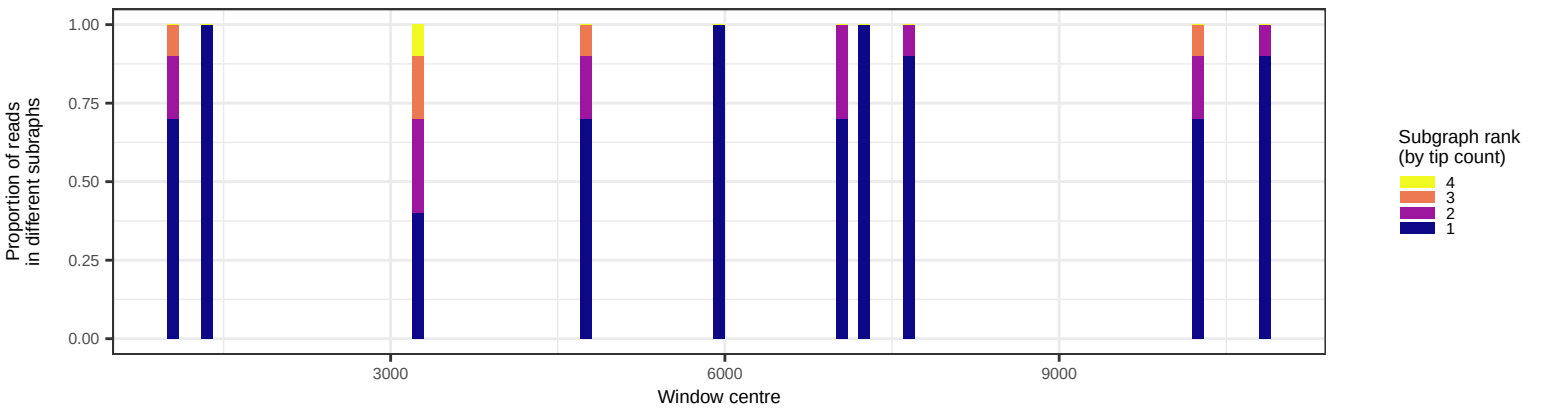

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

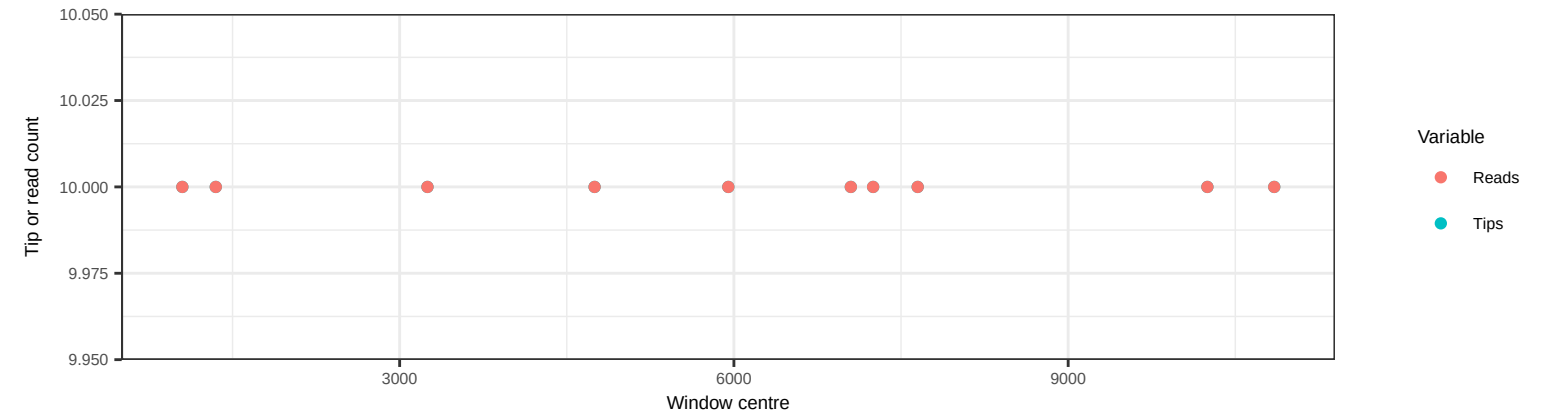

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

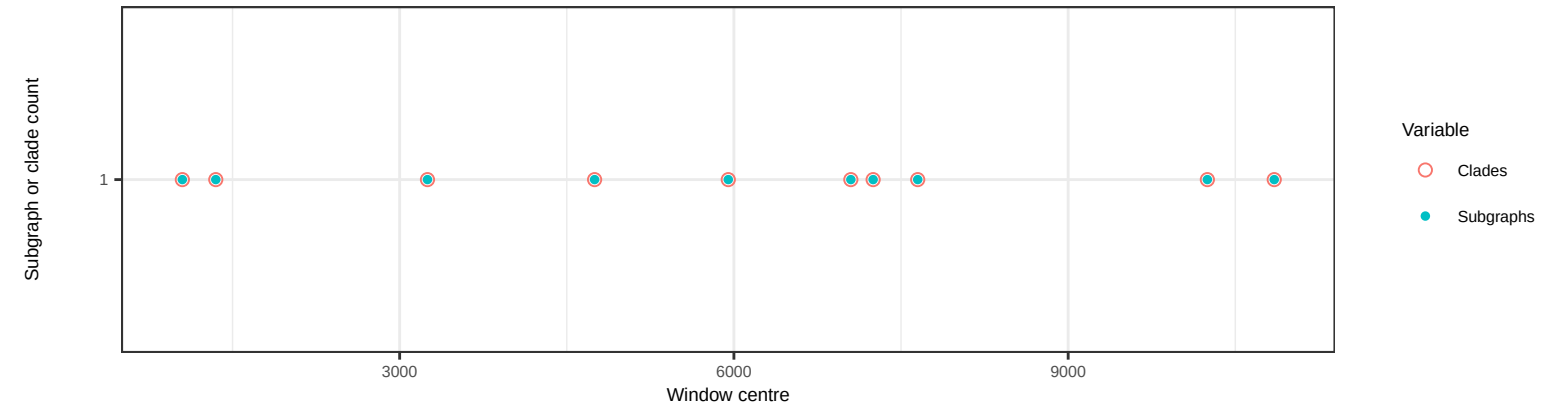

Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

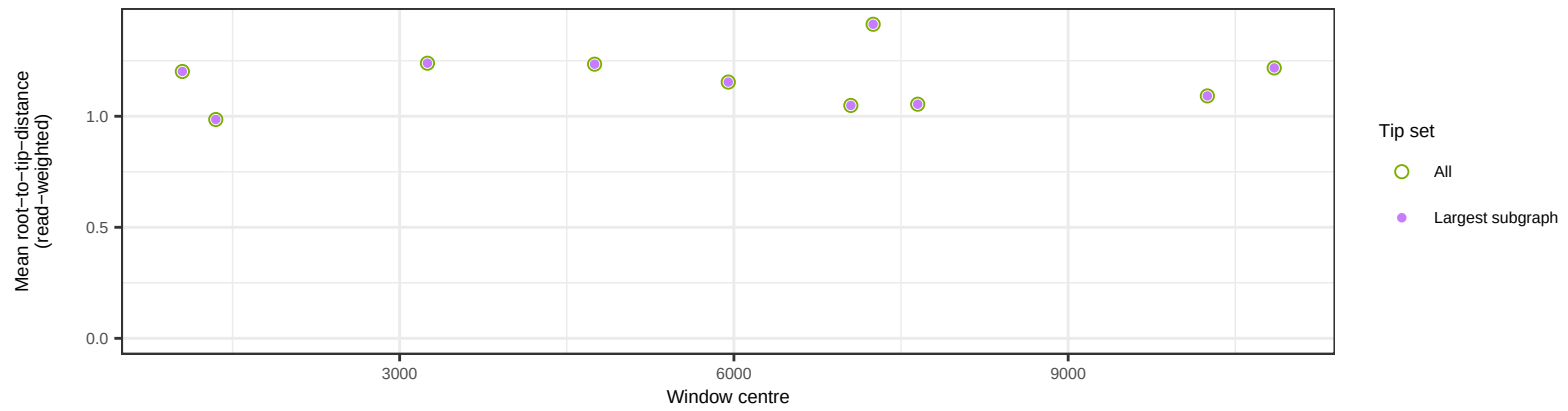

Mean root−to−tip−distance
(read−weighted)
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

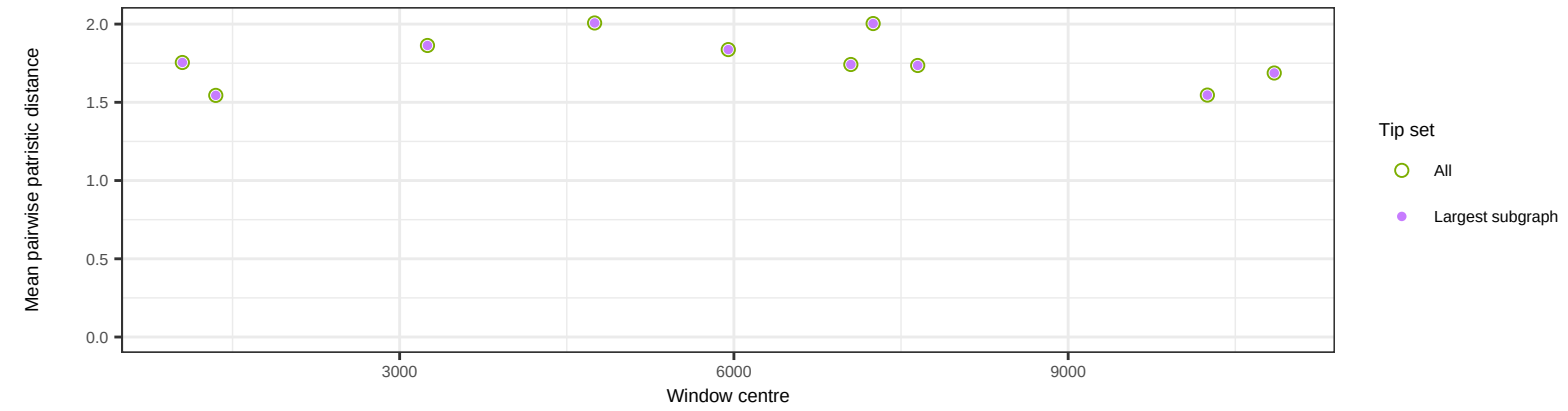

Mean pairwise patristic distance
10
5
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

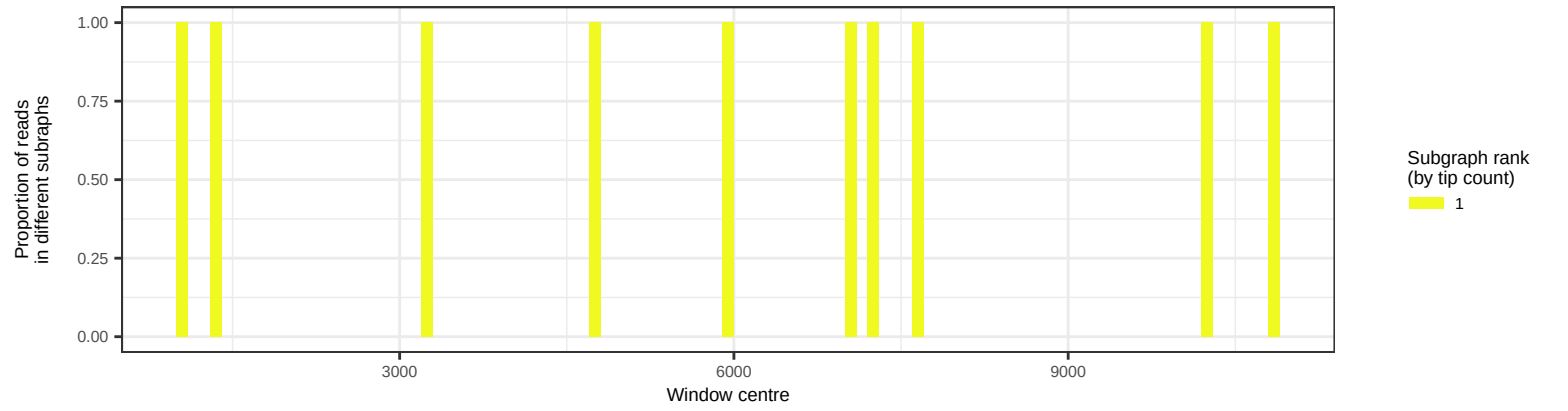

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
4
3
2
1

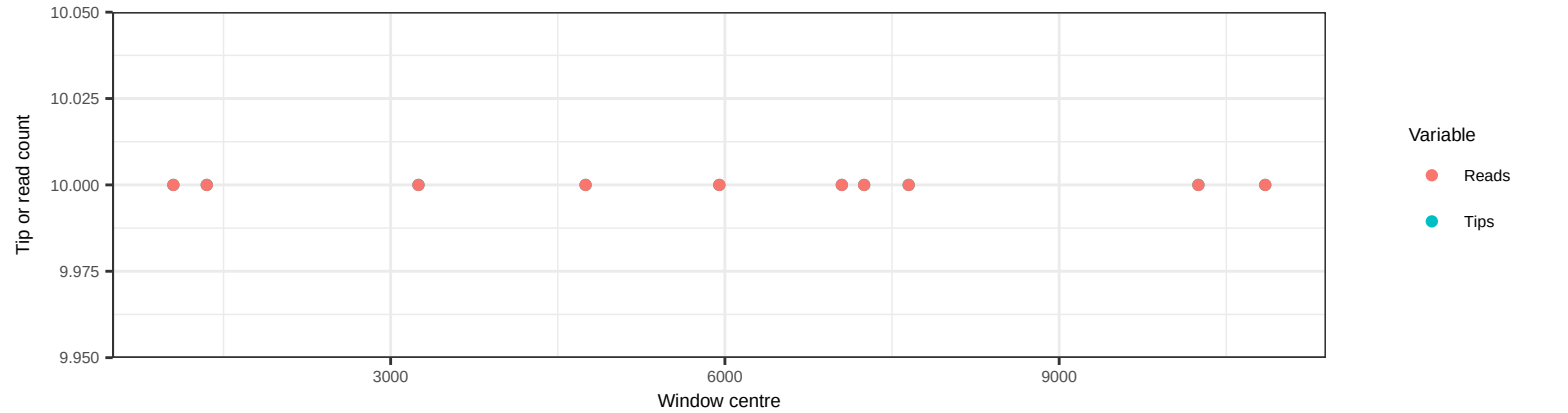

10.050
10.025
10.000
9.975
9.950
Tip or read count
3000
6000
9000
Window centre
Variable
Reads
Tips

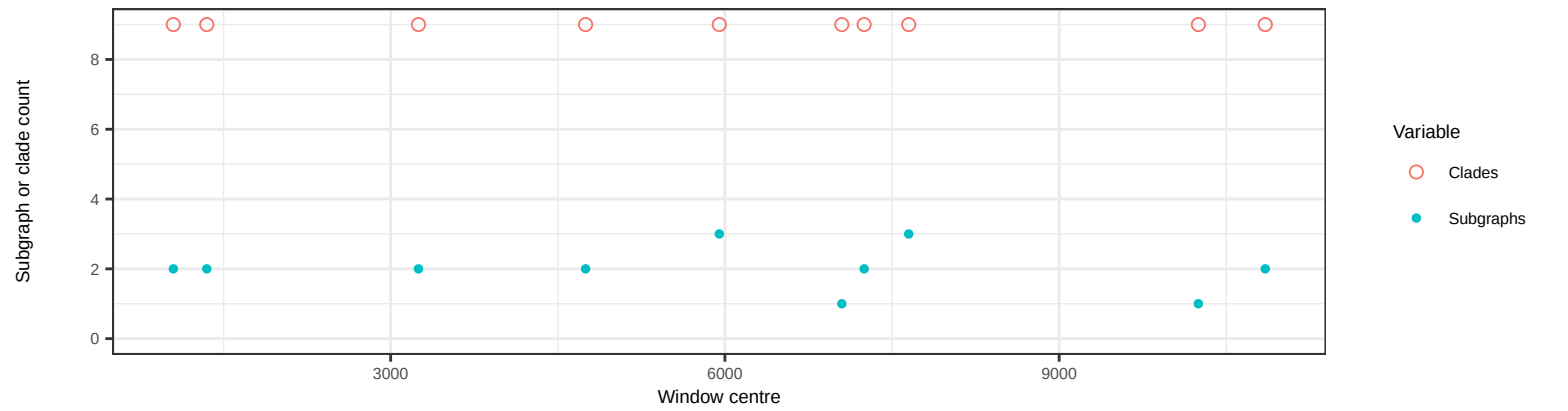

1
Subgraph or clade count
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

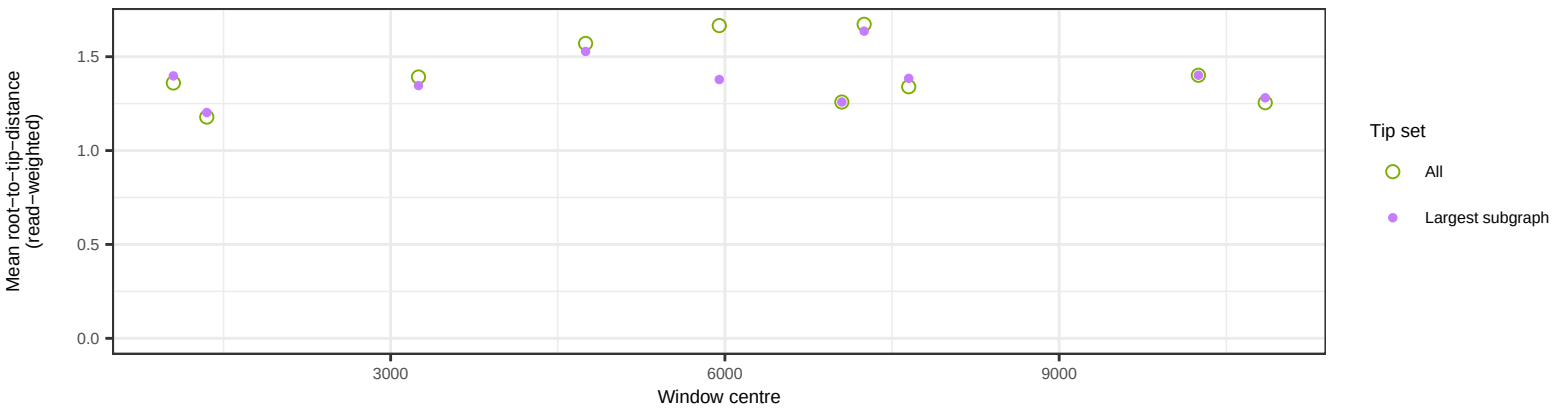

1.0
0.5
0.0
Mean root−to−tip−distance
(read−weighted)
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

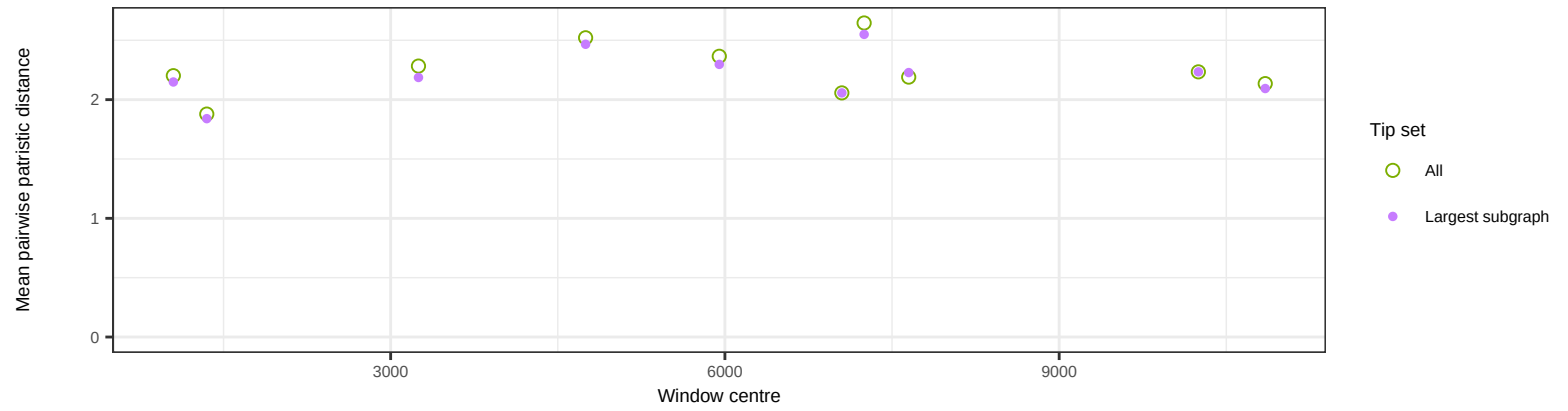

2.0
1.5
1.0
0.5
0.0
Mean pairwise patristic distance
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

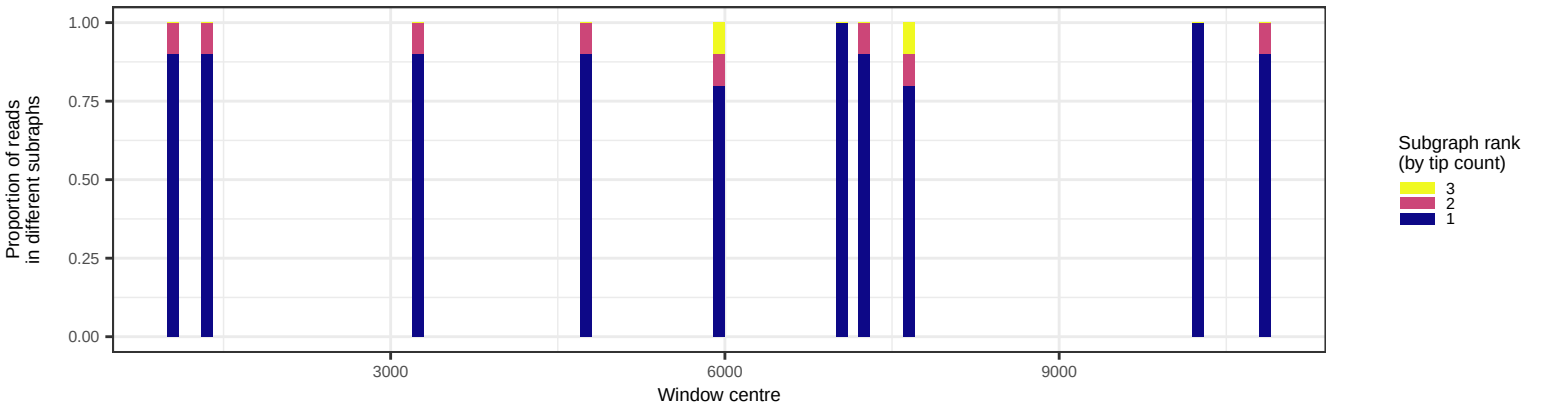

1.00
0.75
0.50
0.25
0.00
Proportion of reads
in different subraphs
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

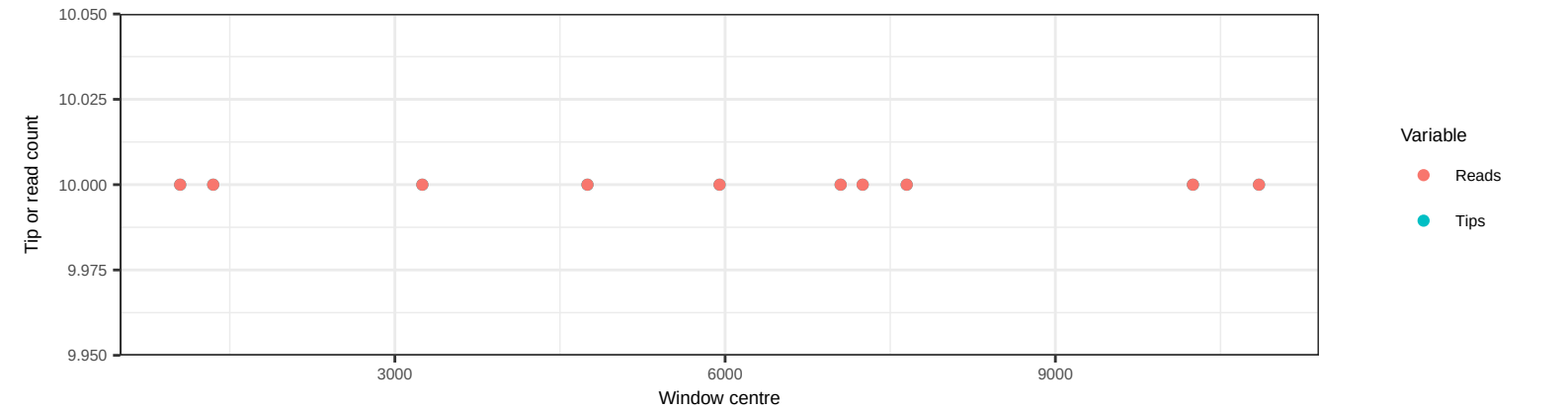

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

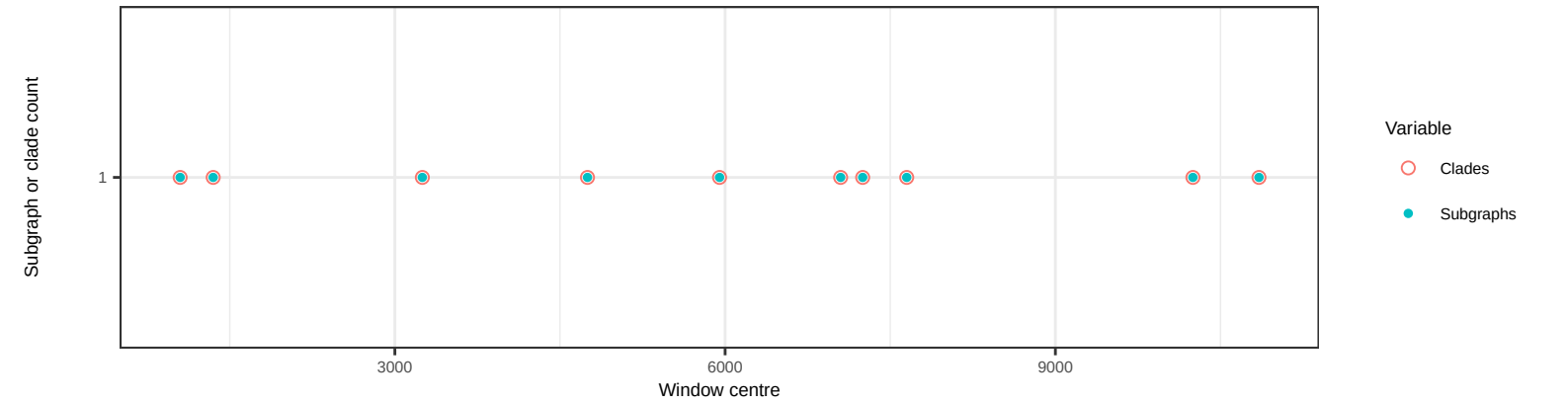

Subgraph or clade count
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

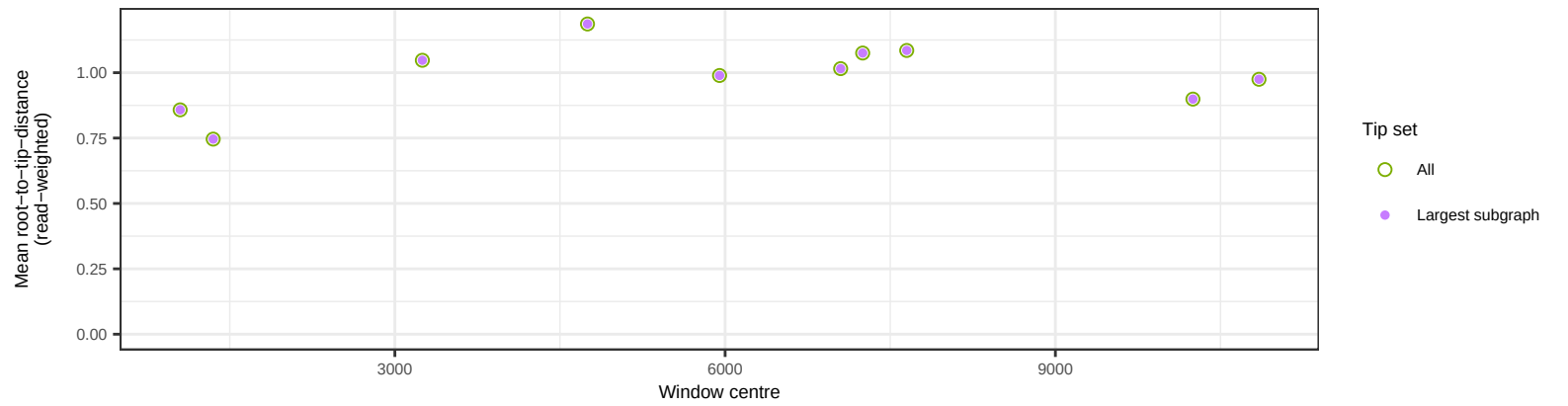

Mean root−to−tip−distance
(read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

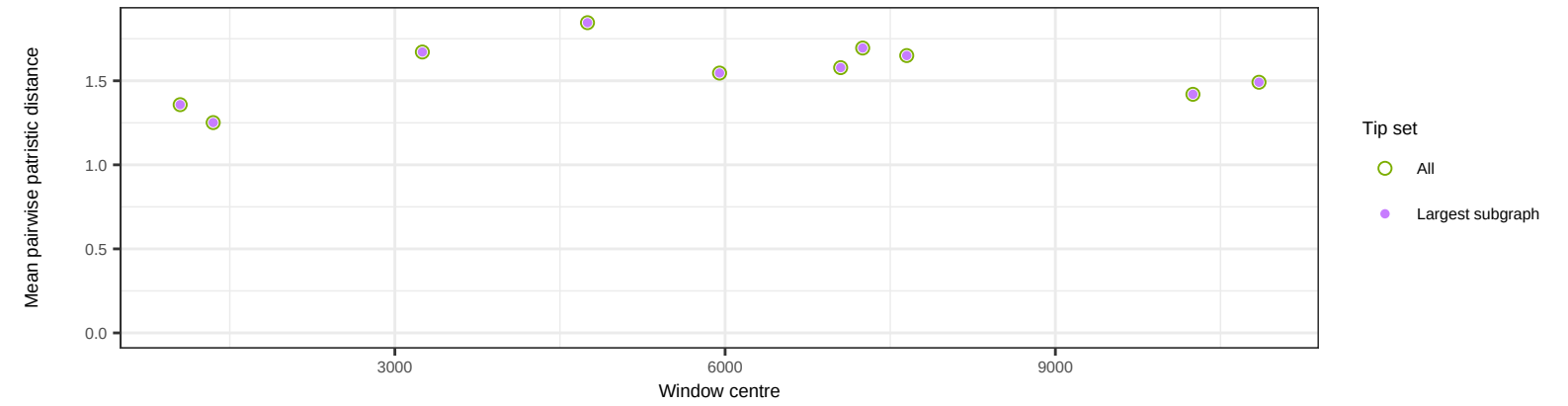

Mean pairwise patristic distance
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

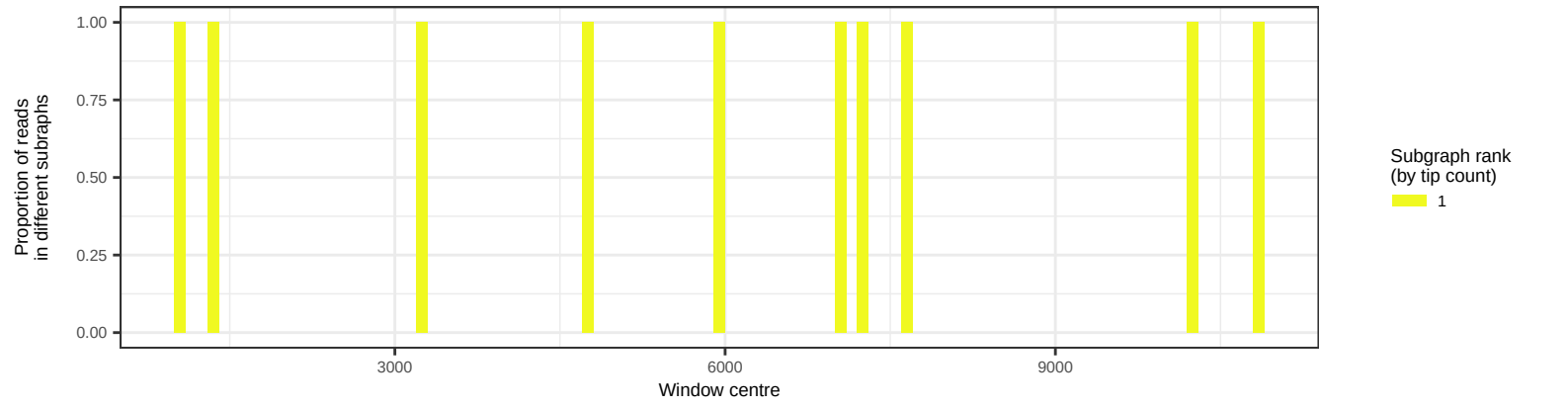

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
3
2
1


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

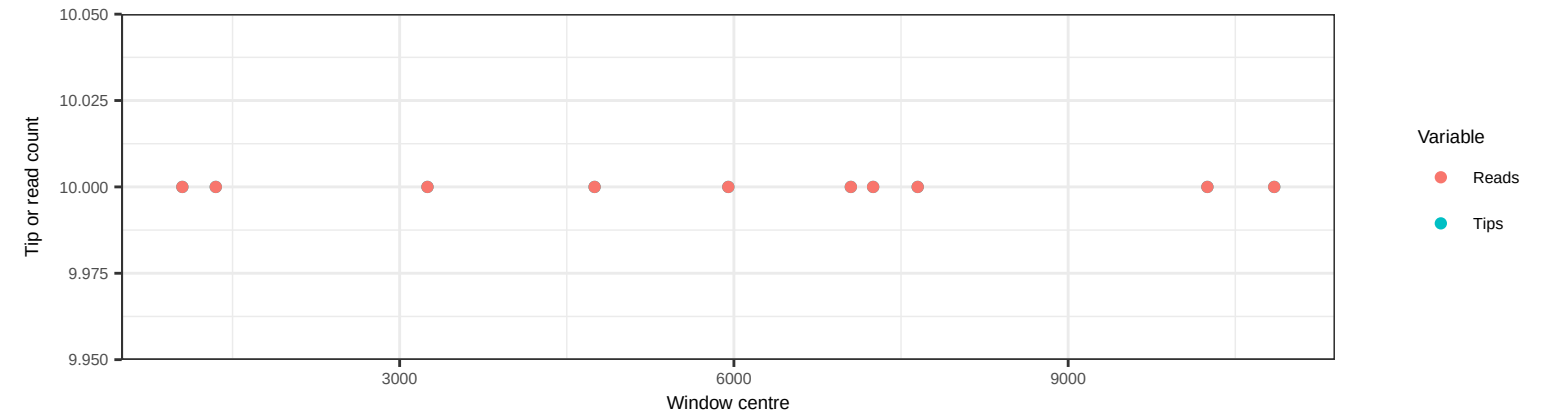

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

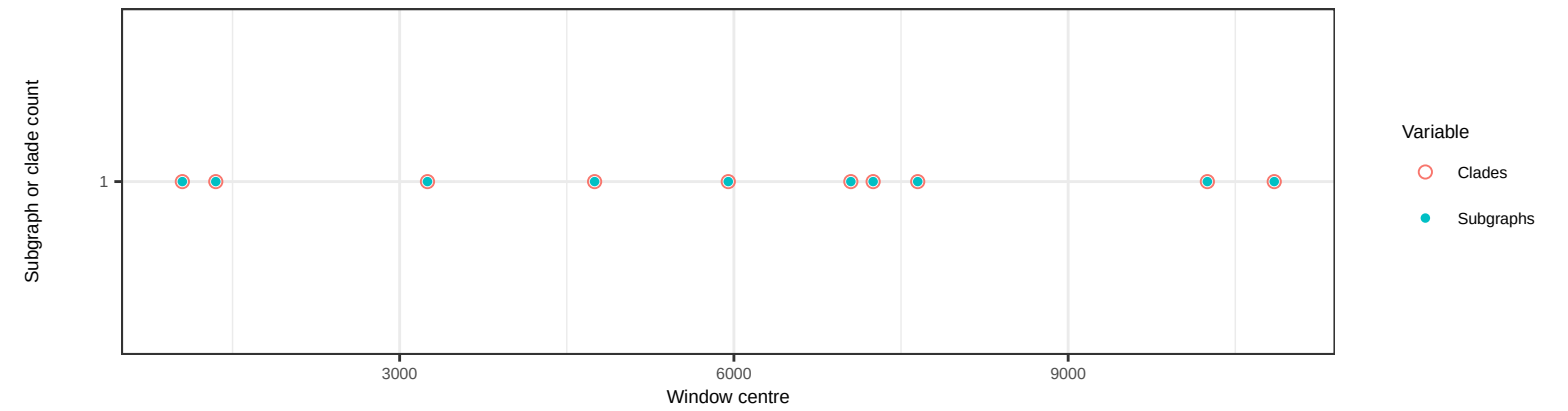

Mean root−to−tip−distance
(read−weighted)
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

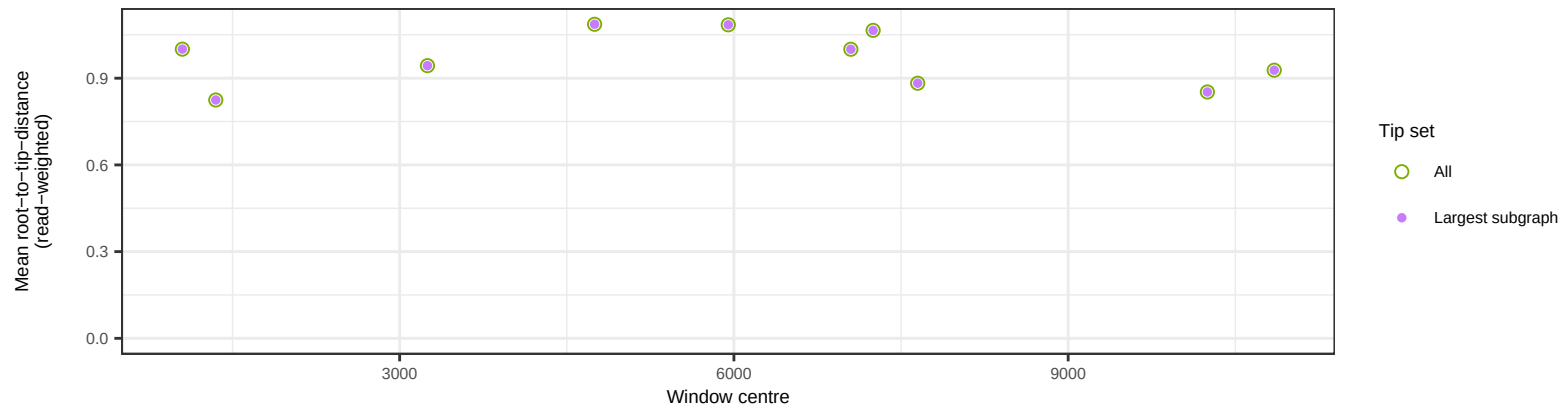

Mean pairwise patristic distance
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

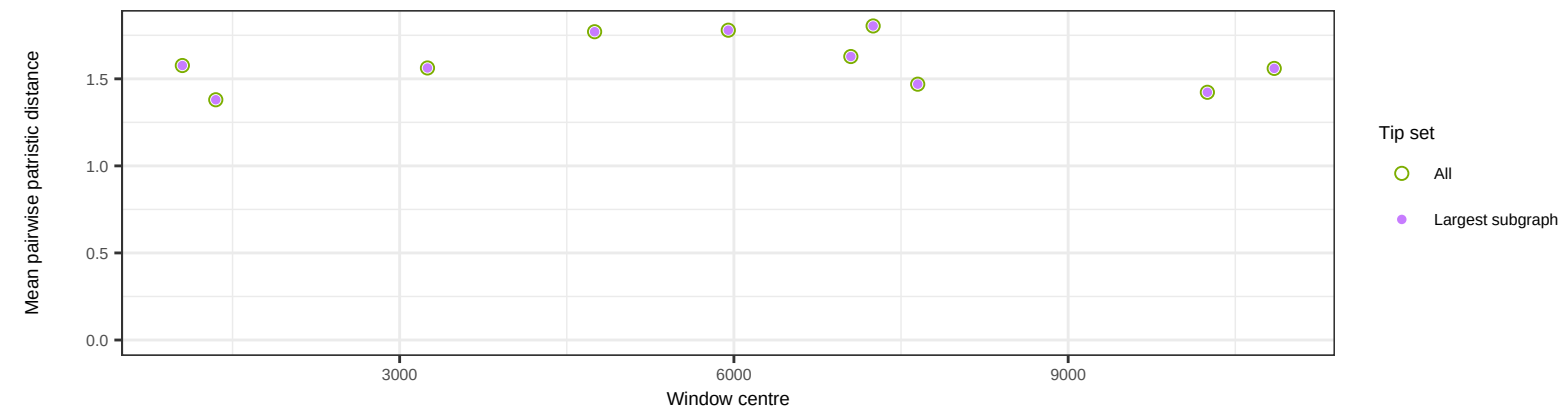

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

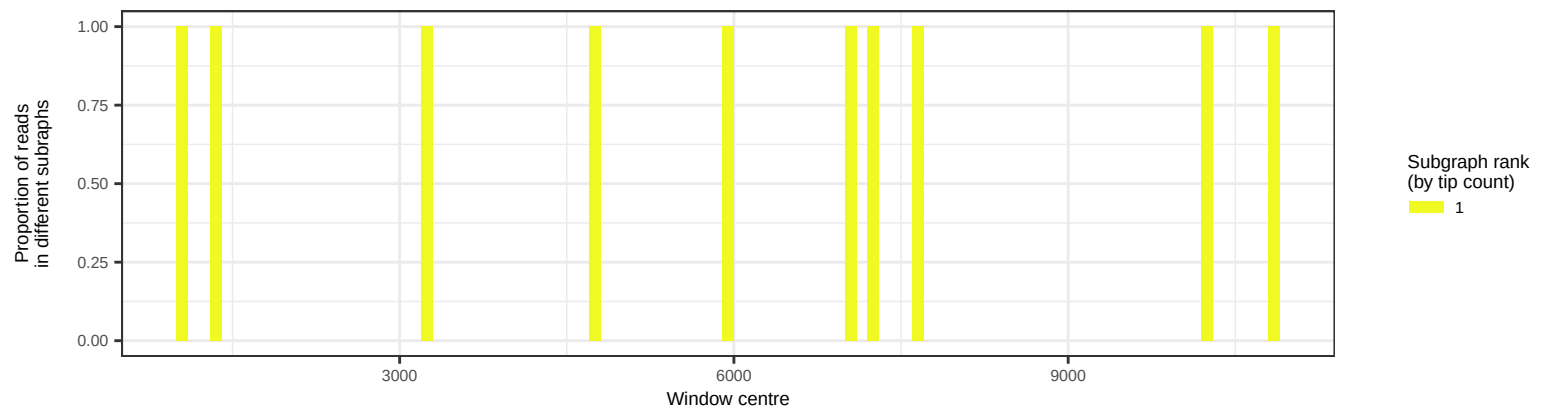
211

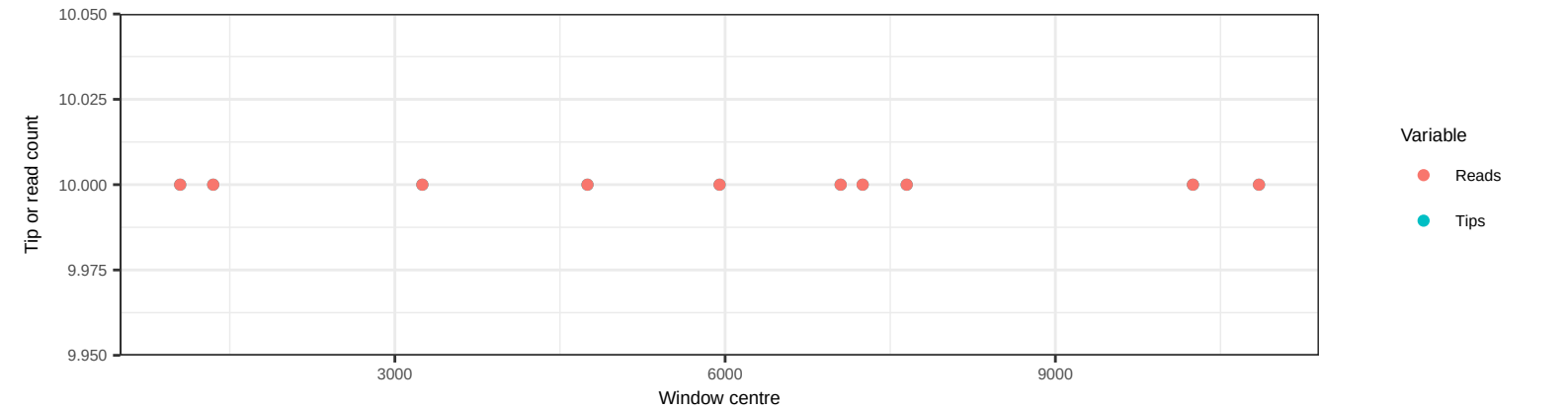

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

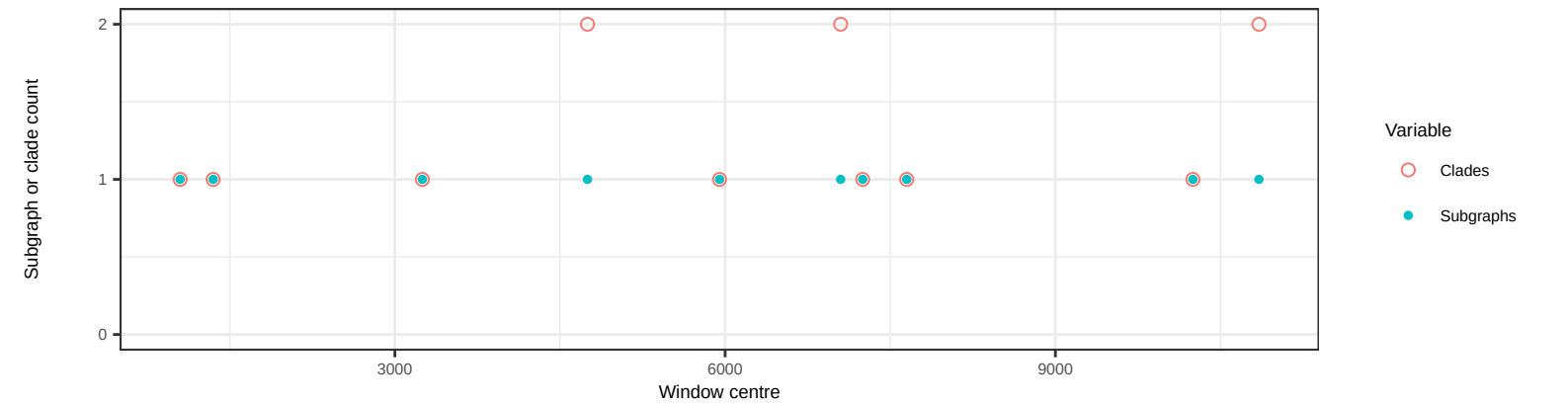

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

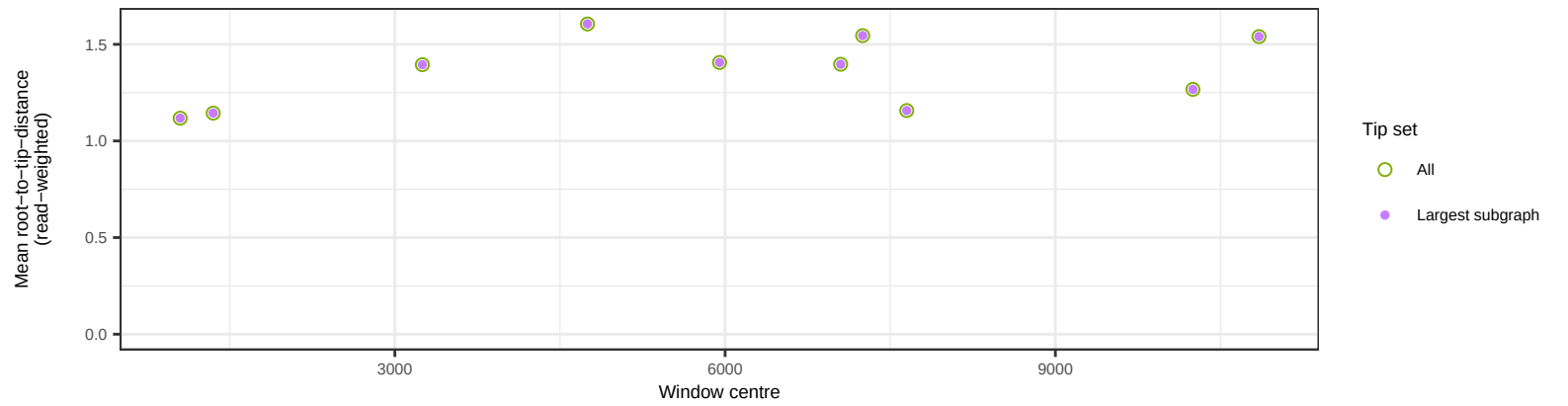

Mean root−to−tip−distance
(read−weighted)
0.9
0.6
0.3
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

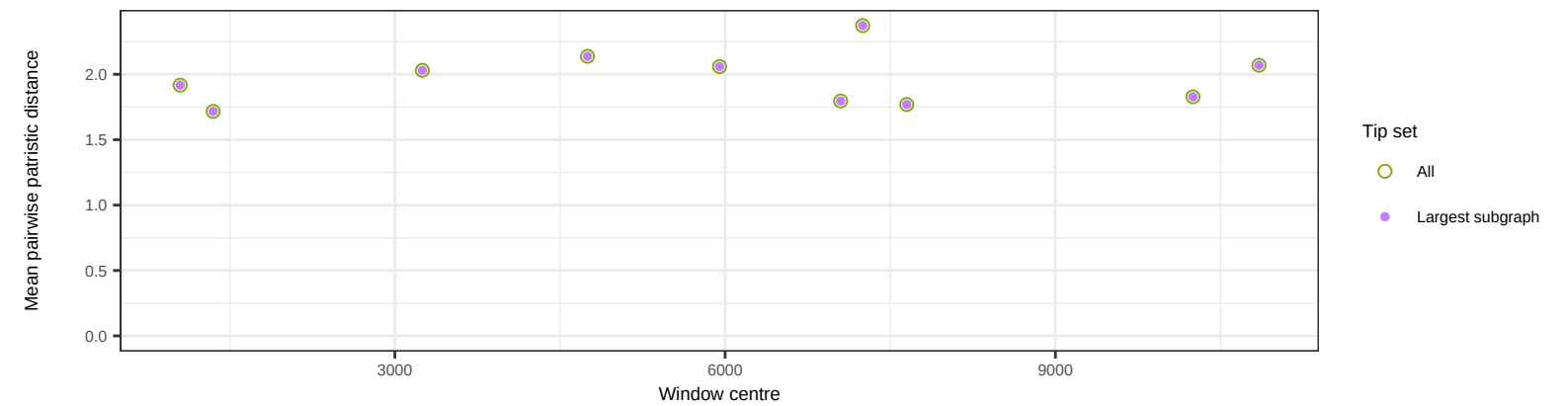

Mean pairwise patristic distance
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

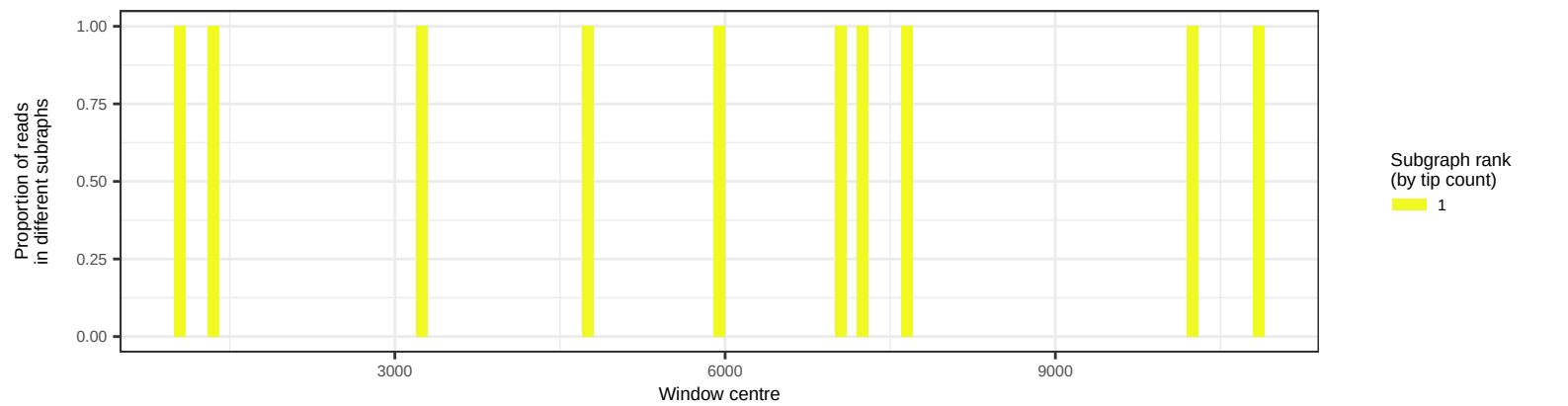

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

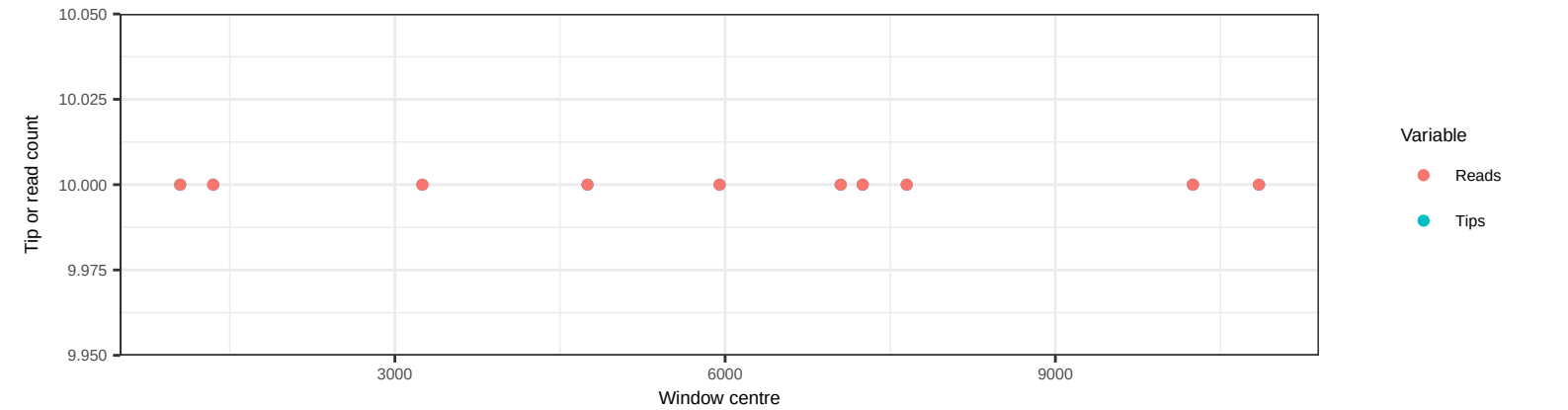

10.050
10.025
10.000
9.975
9.950
Tip or read count
3000
6000
9000
Window centre
Variable
Reads
Tips

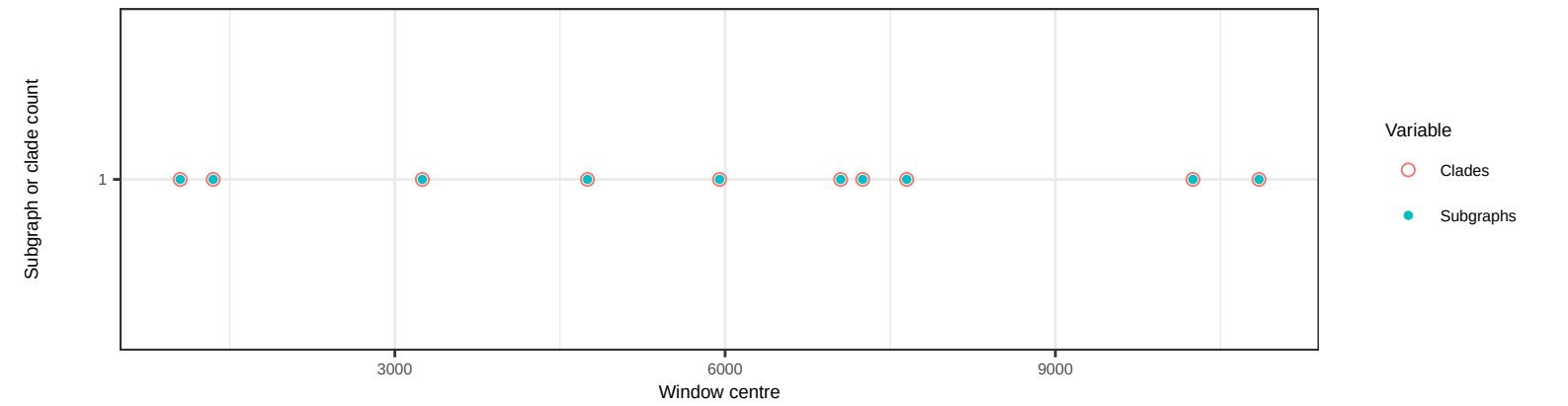

2
1
0
Subgraph or clade count
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

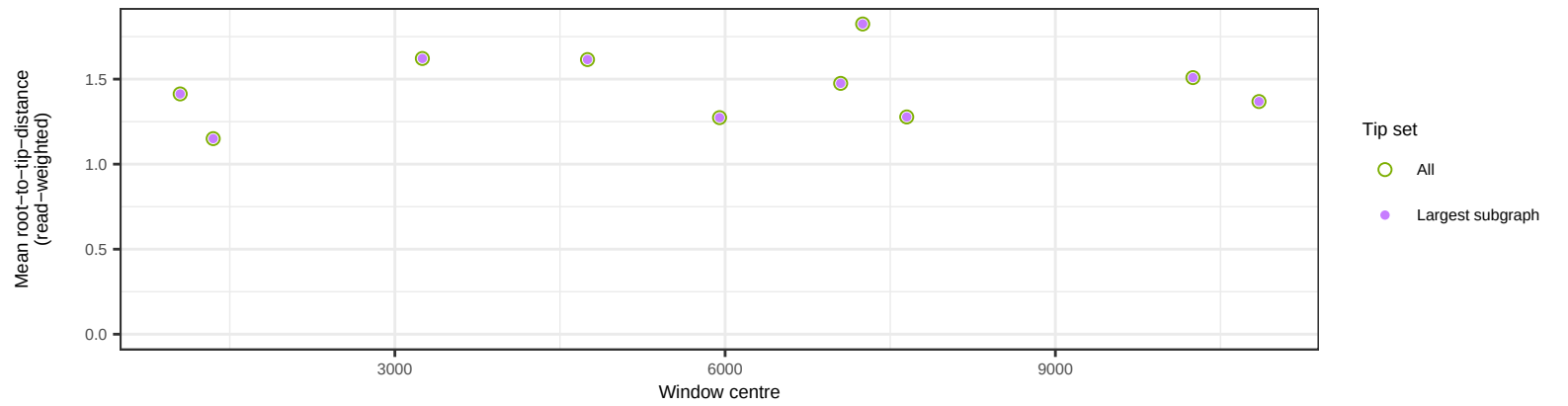

1.5
1.0
0.5
0.0
Mean root−to−tip−distance
(read−weighted)
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

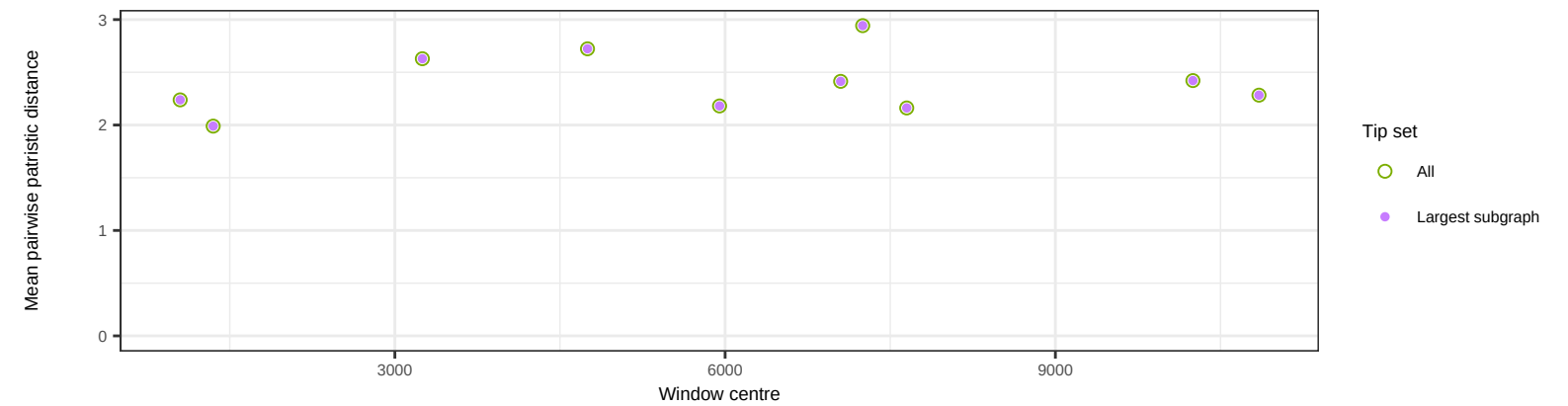

2.0
1.5
1.0
0.5
0.0
Mean pairwise patristic distance
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

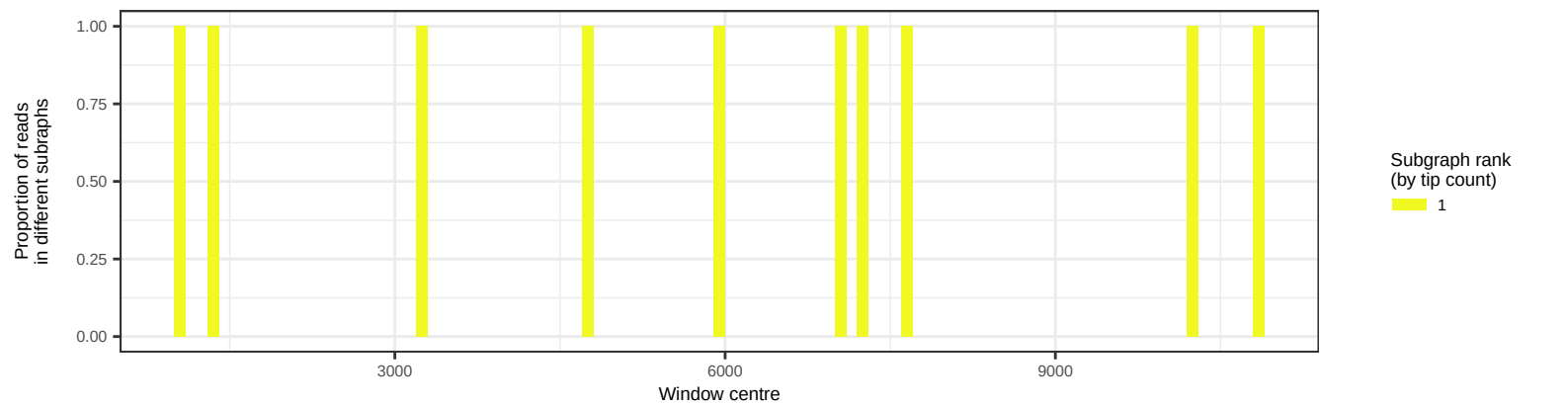

1.00
0.75
0.50
0.25
0.00
Proportion of reads
in different subraphs
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

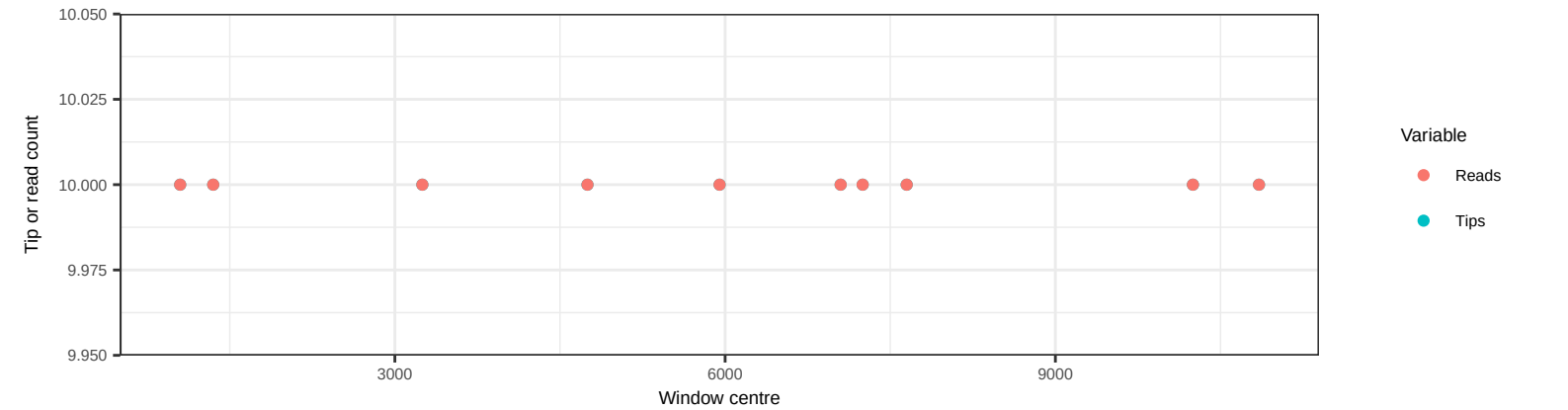

10.050
10.025
10.000
9.975
9.950
Tip or read count
3000
6000
9000
Window centre
Variable
Reads
Tips

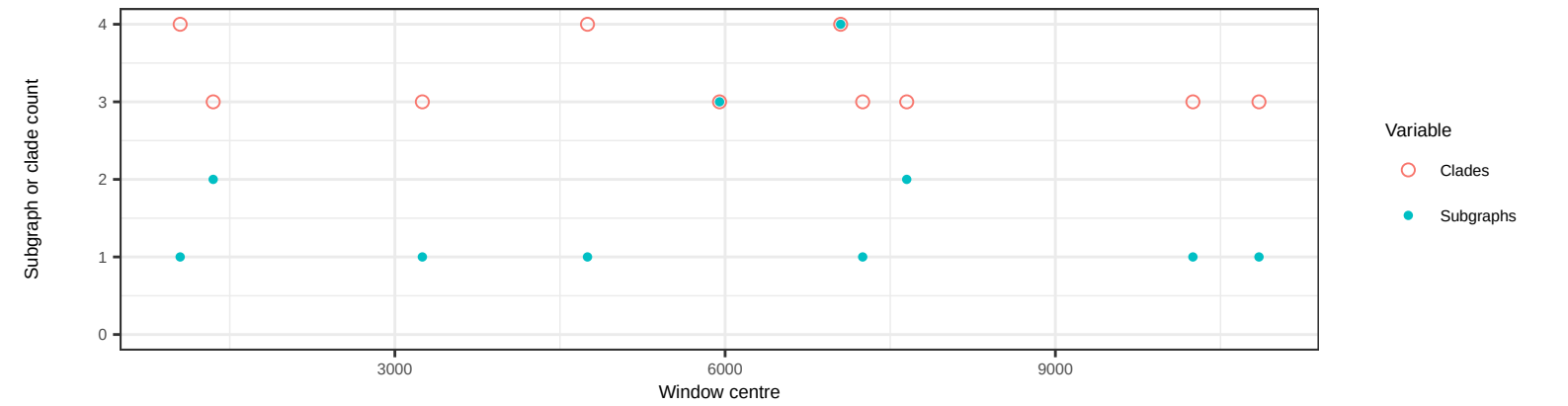

1
Subgraph or clade count
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

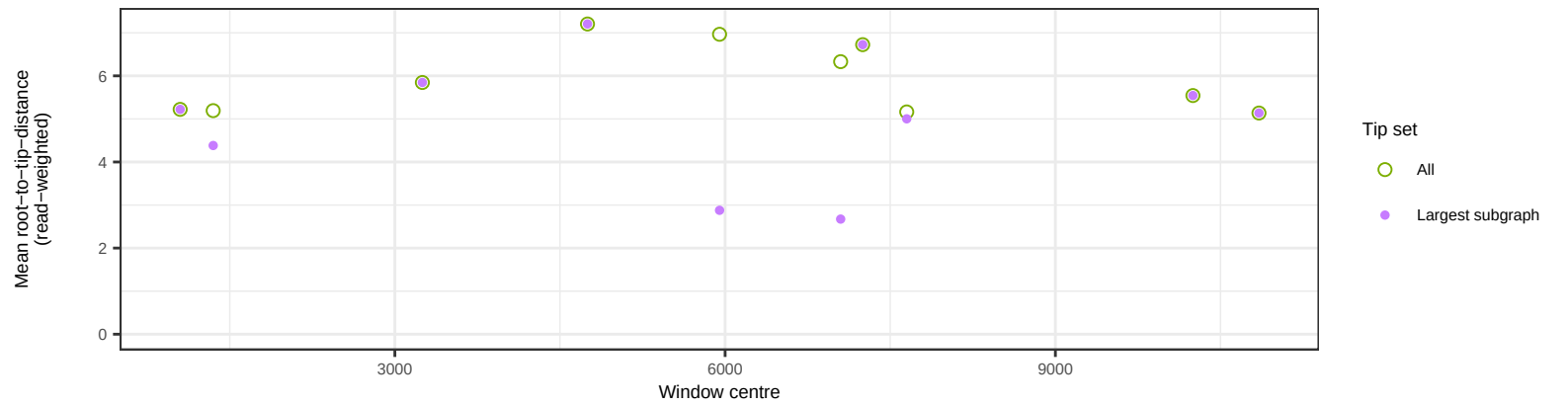

1.5
1.0
0.5
0.0
Mean root−to−tip−distance
(read−weighted)
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

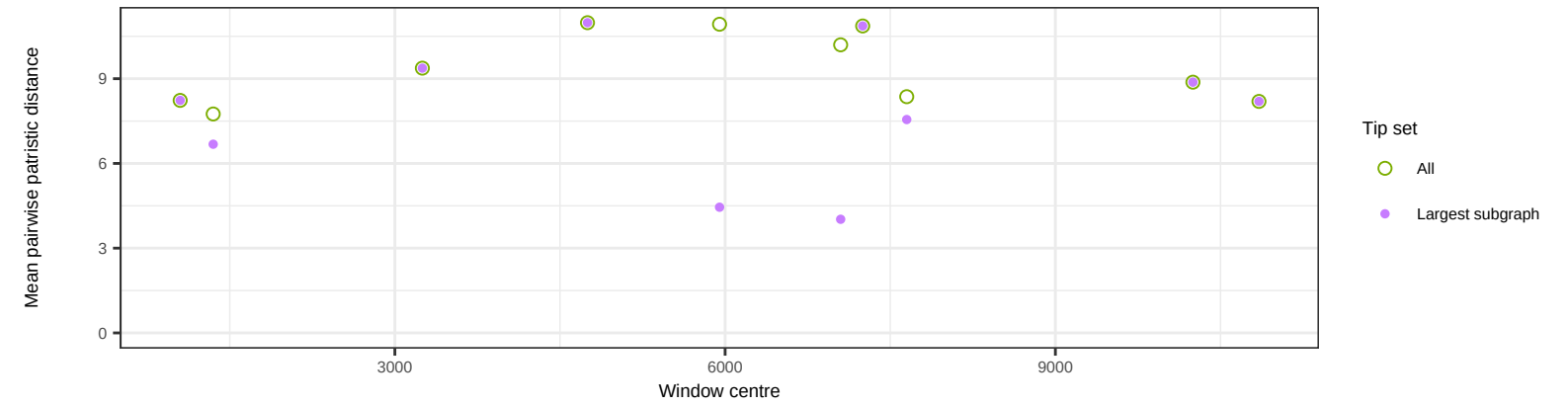

3
2
1
0
Mean pairwise patristic distance
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

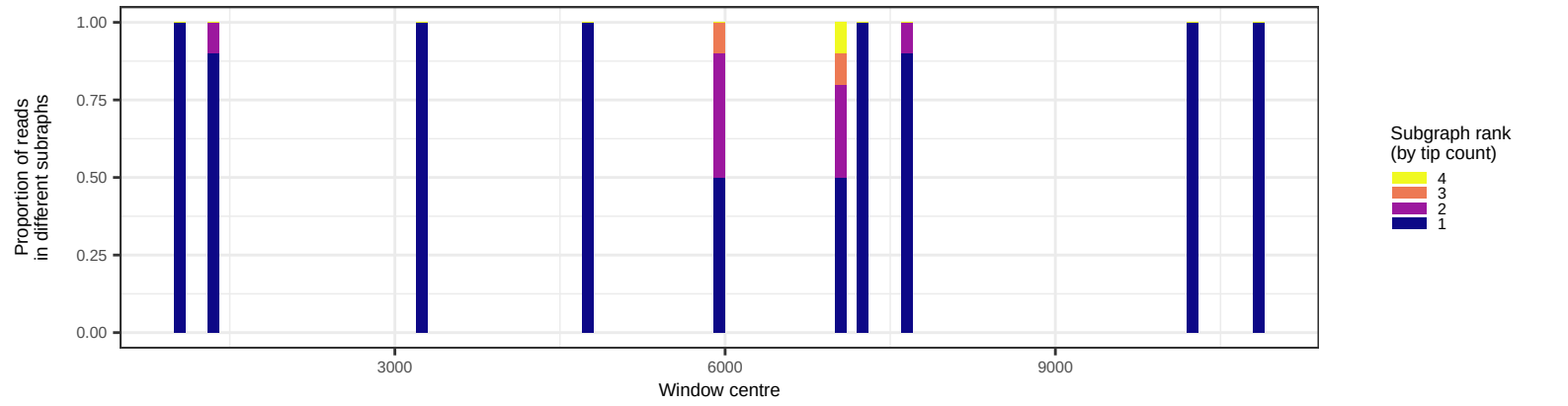

1.00
0.75
0.50
0.25
0.00
Proportion of reads
in different subraphs
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

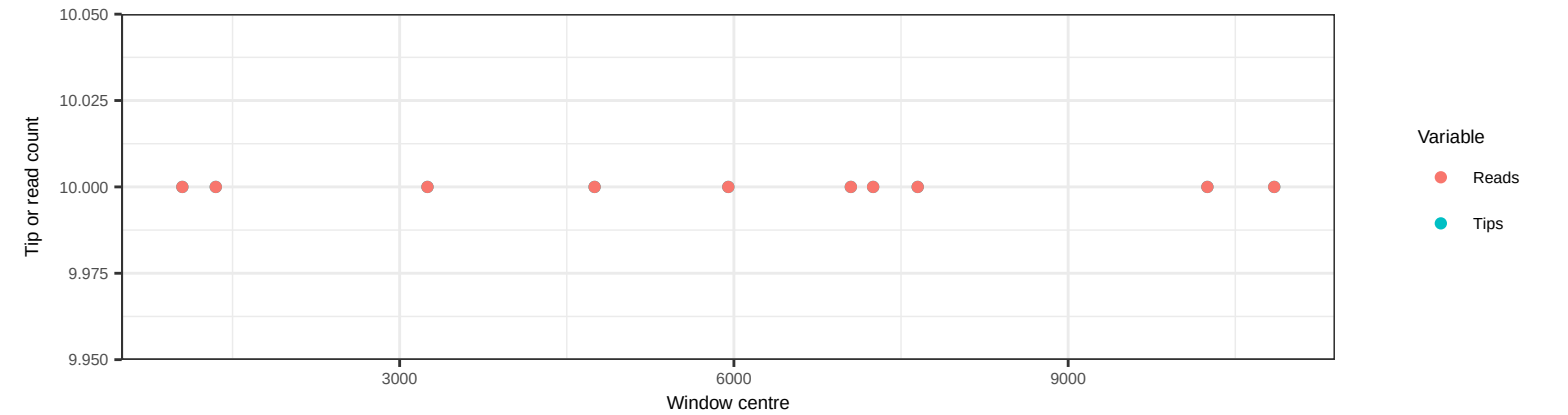

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

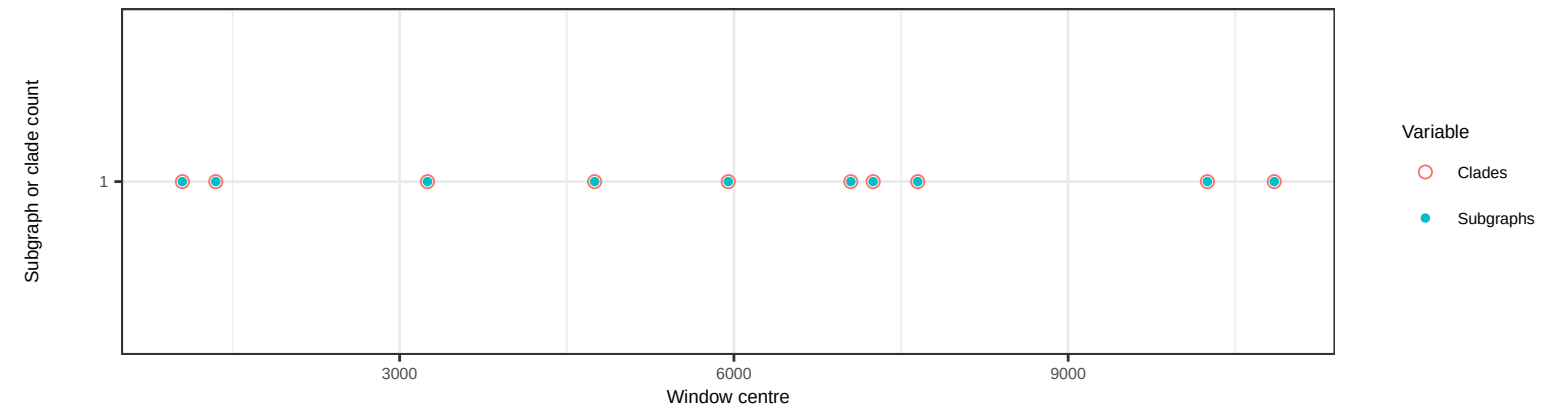

Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

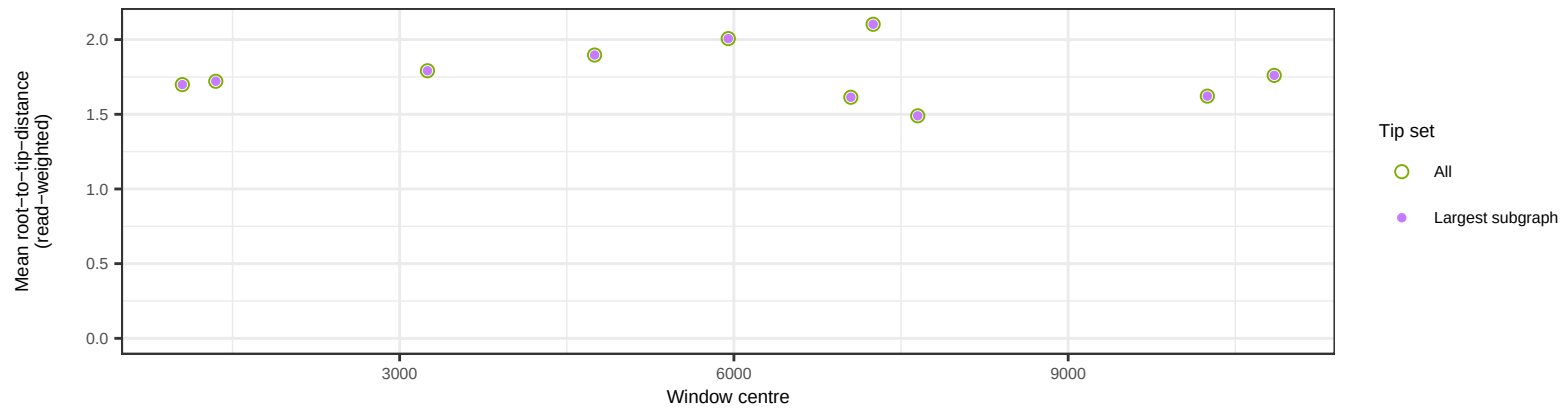

Mean root−to−tip−distance
(read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

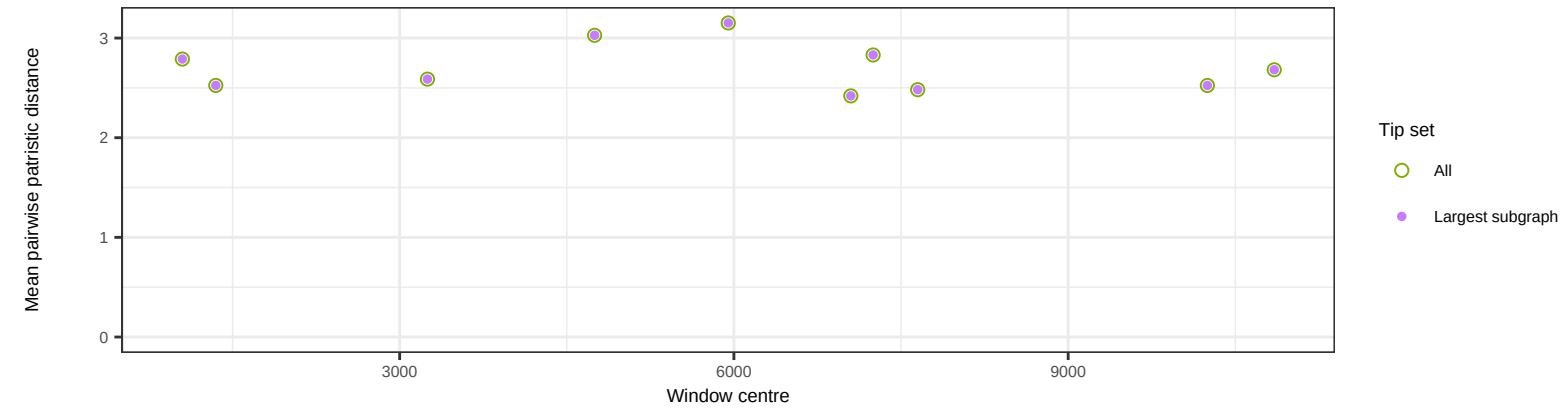

Mean pairwise patristic distance
9
6
3
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

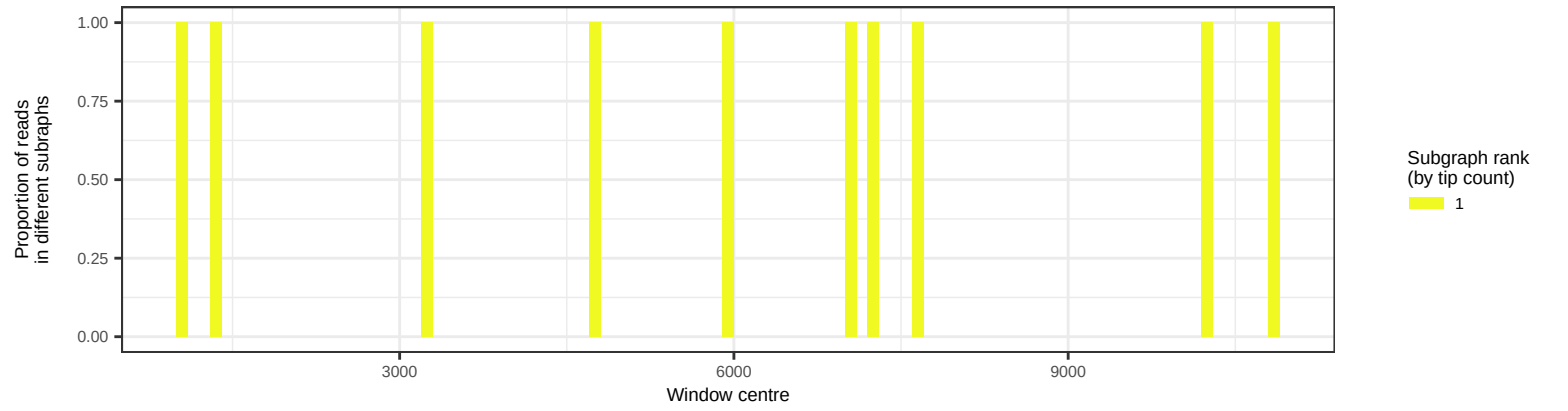

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
4
3
2
1

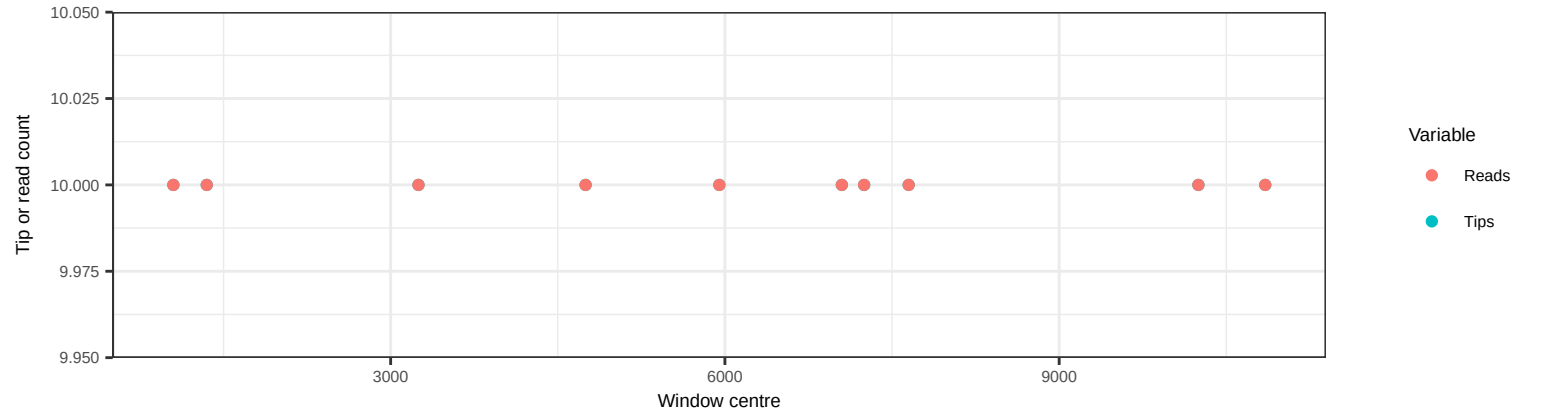

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

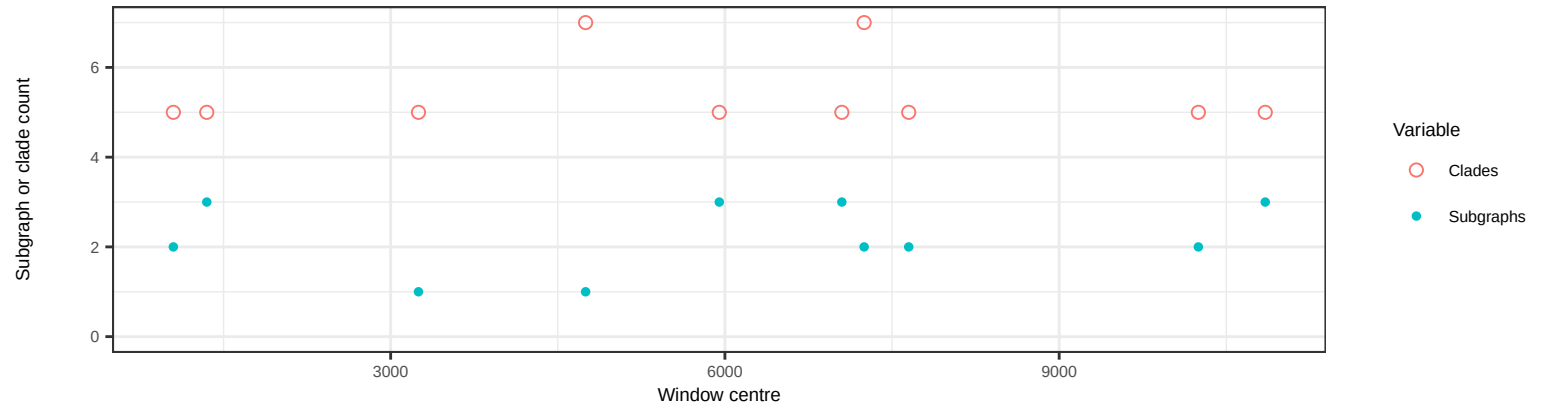

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

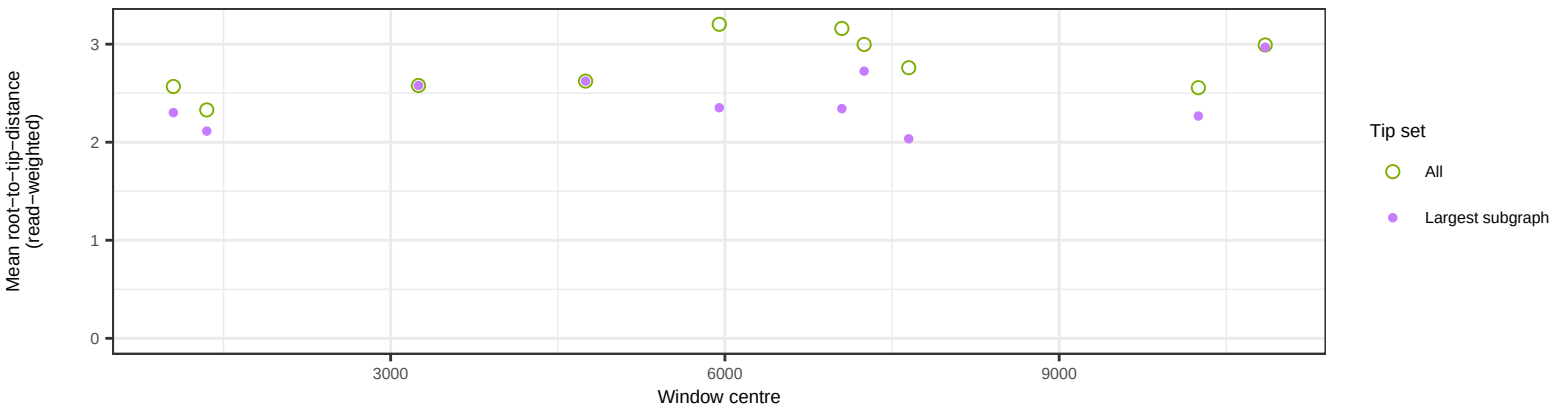

Mean root−to−tip−distance
(read−weighted)
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

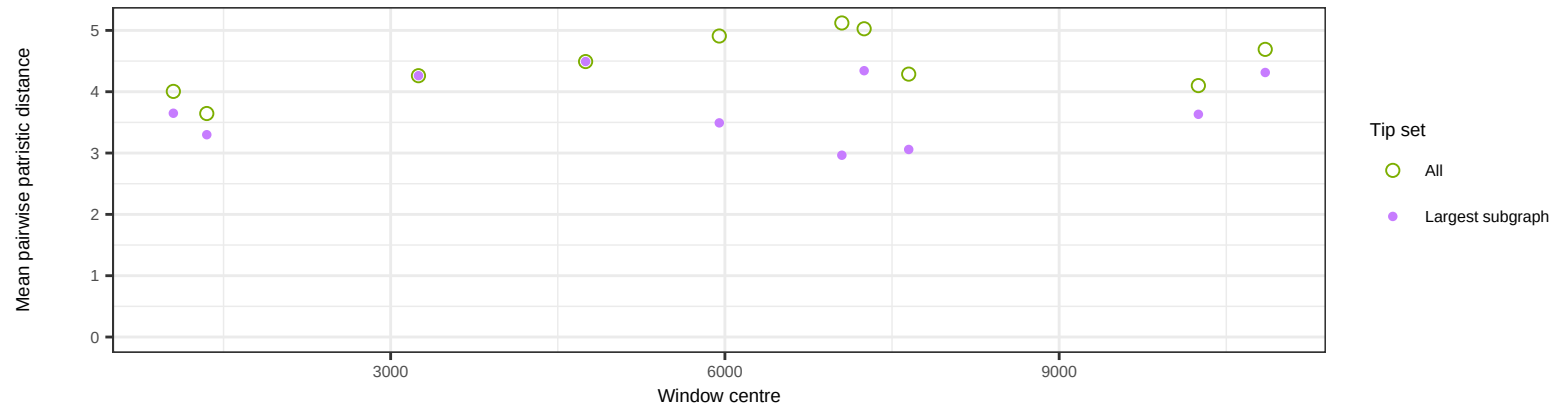

Mean pairwise patristic distance
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

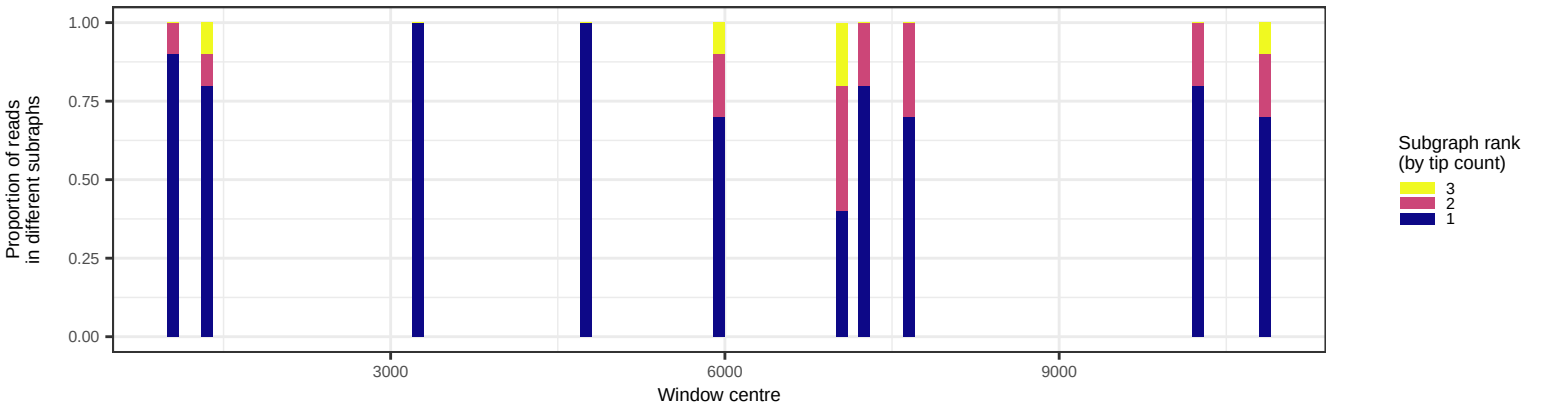

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

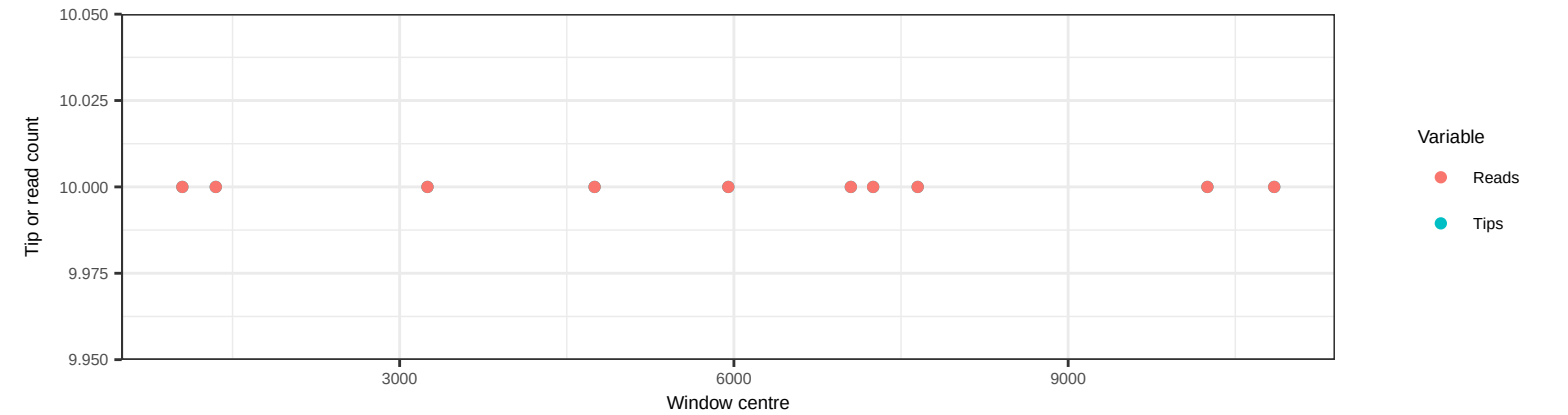

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

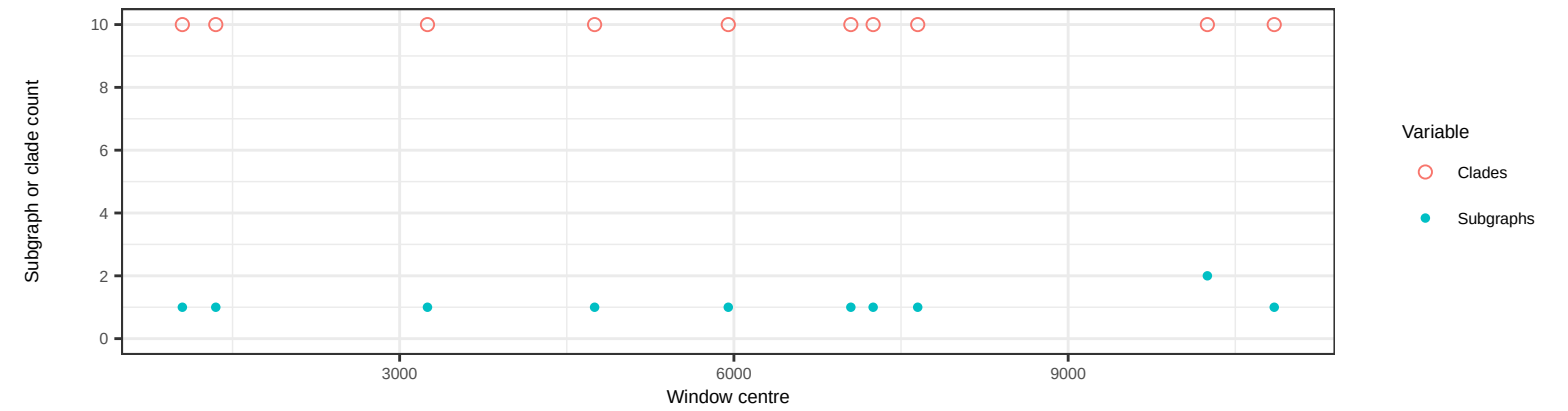

Subgraph or clade count
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

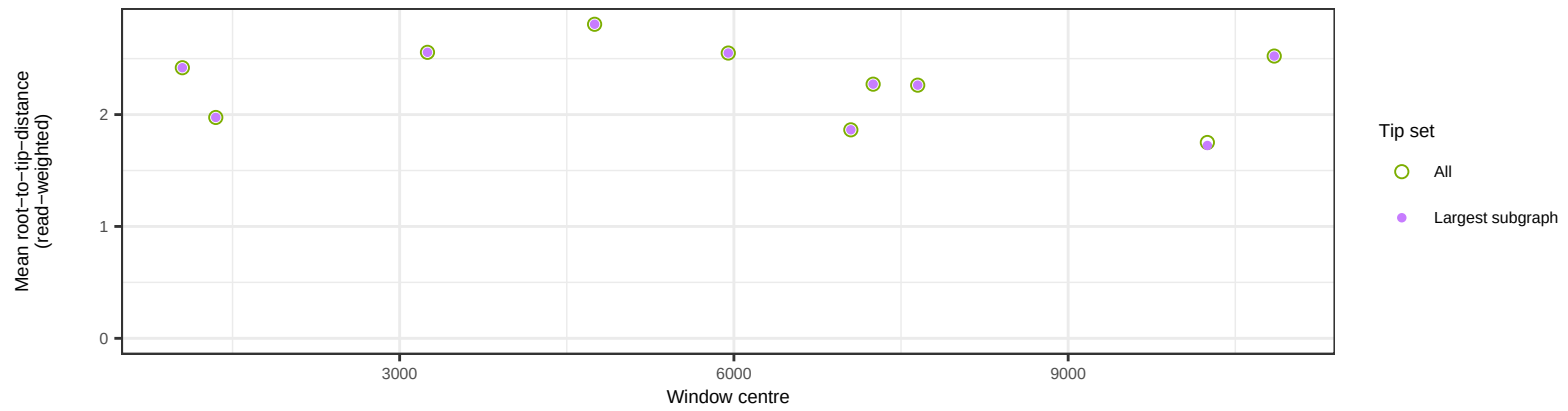

Mean root−to−tip−distance
(read−weighted)
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

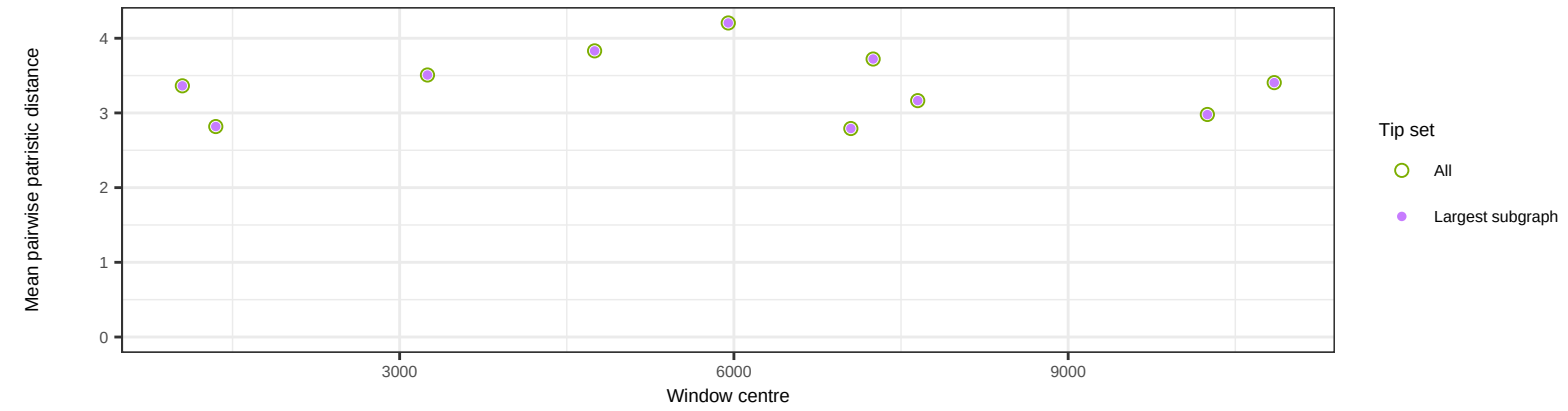

Mean pairwise patristic distance
5
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

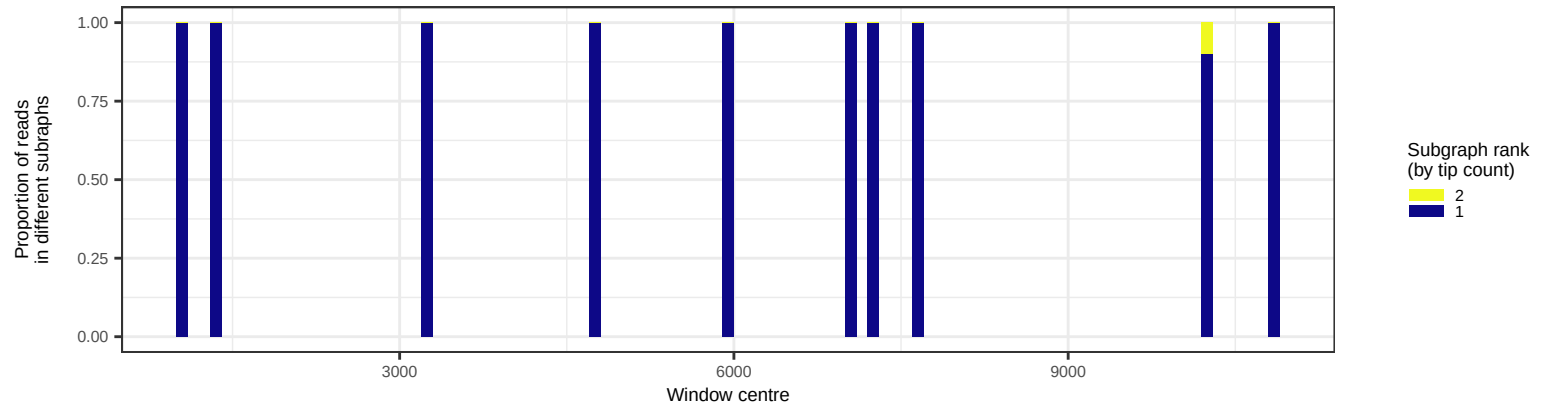

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
3
2
1

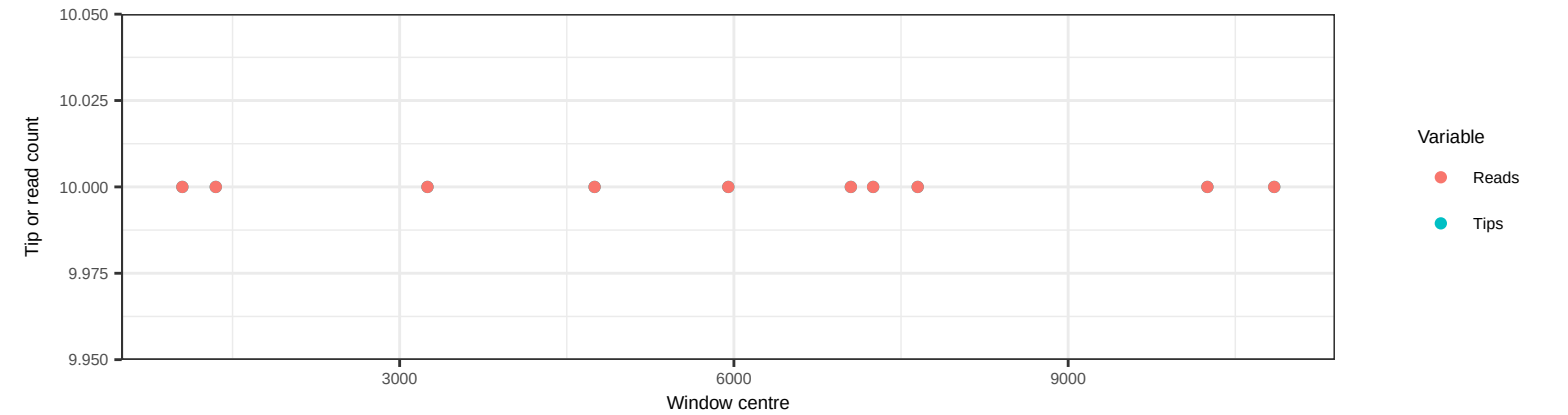

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

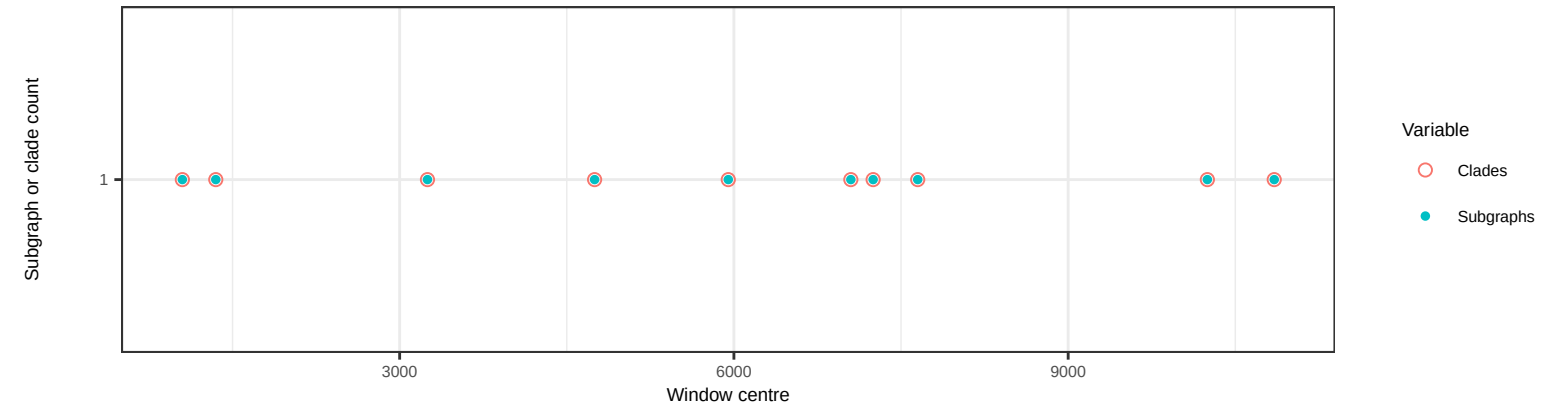

Subgraph or clade count
10
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

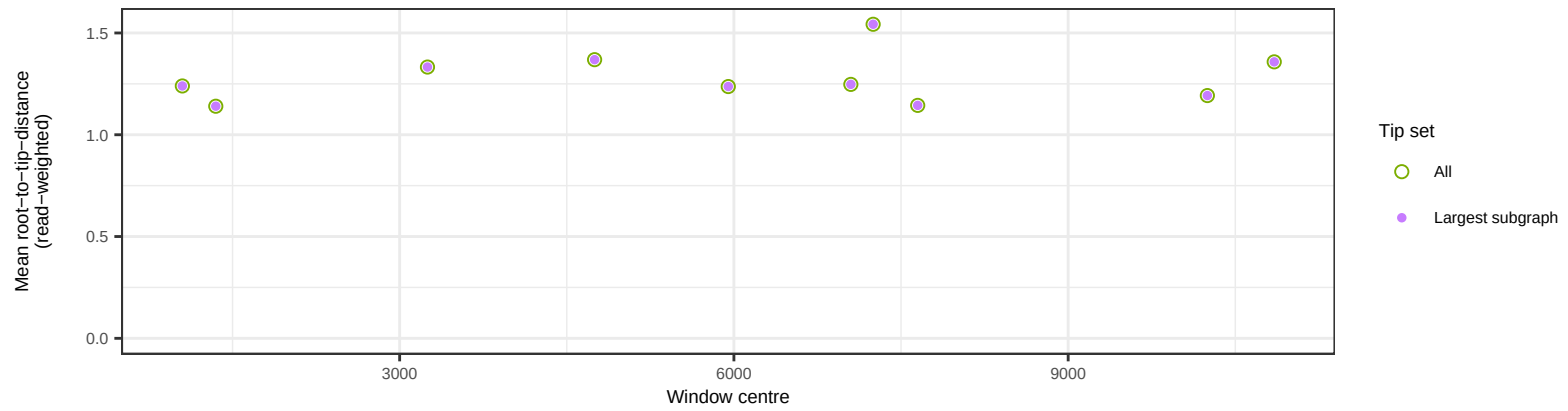

Mean root−to−tip−distance
(read−weighted)
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

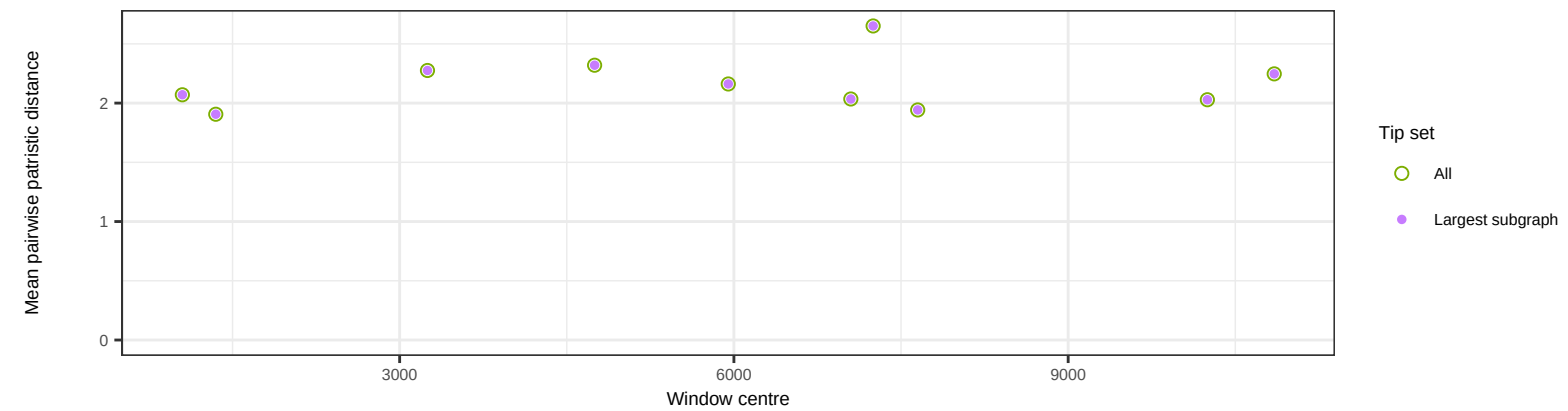

Mean pairwise patristic distance
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

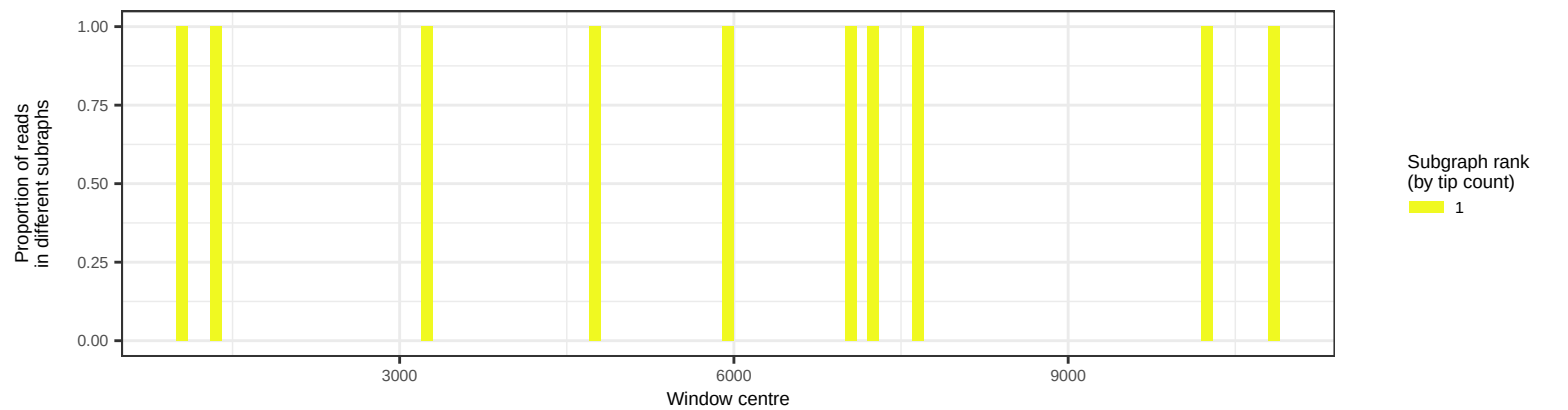

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

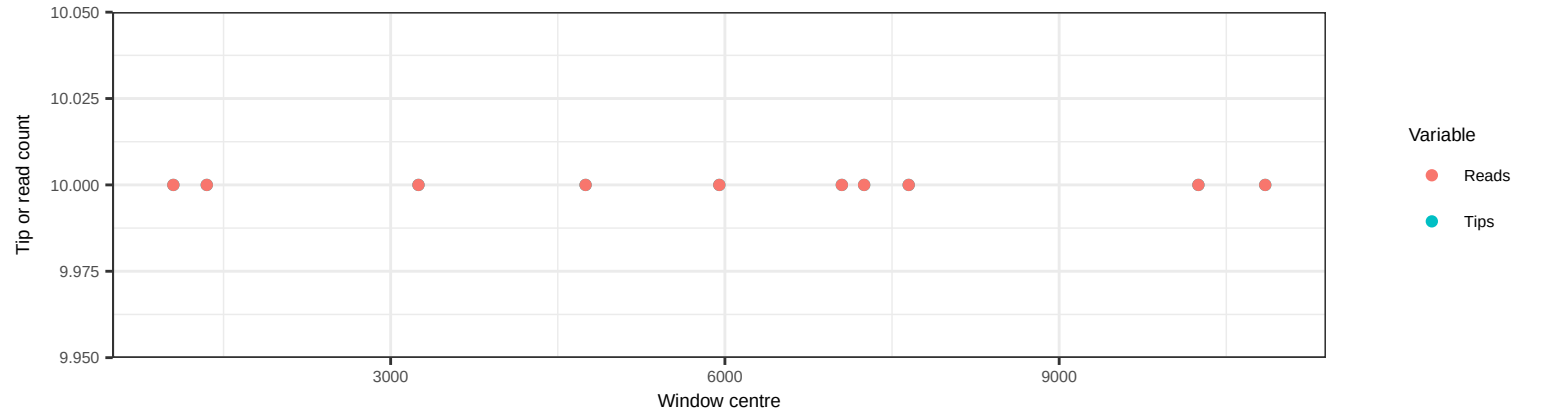

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

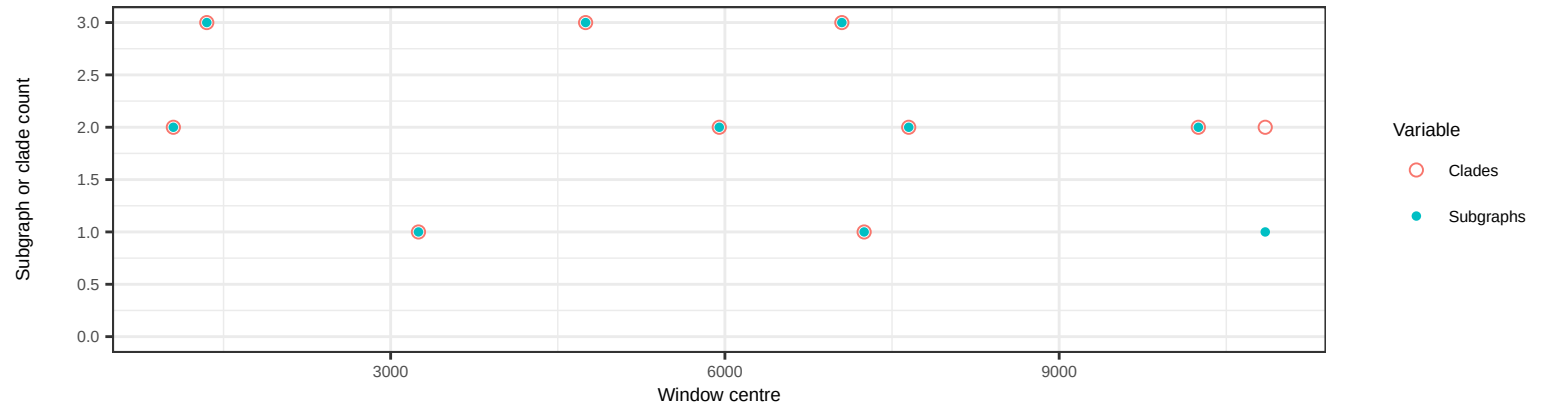

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

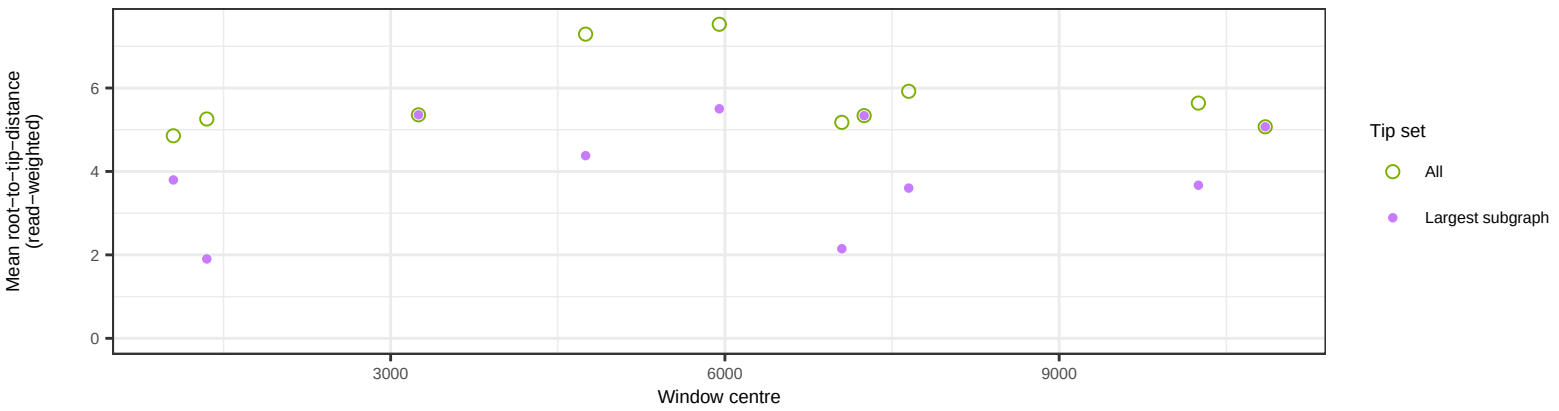

Mean root−to−tip−distance
(read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

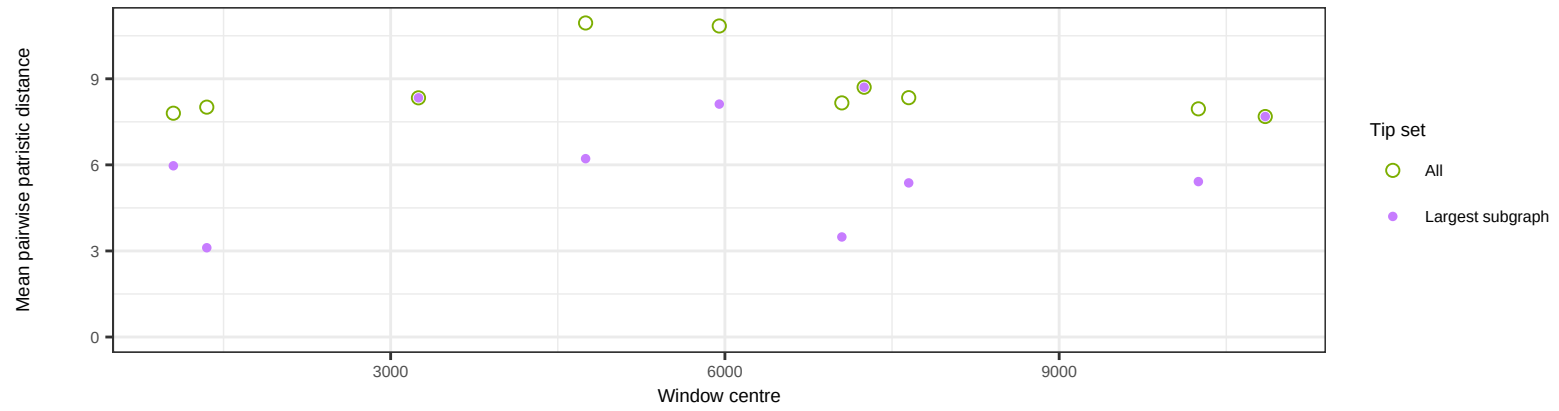

Mean pairwise patristic distance
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

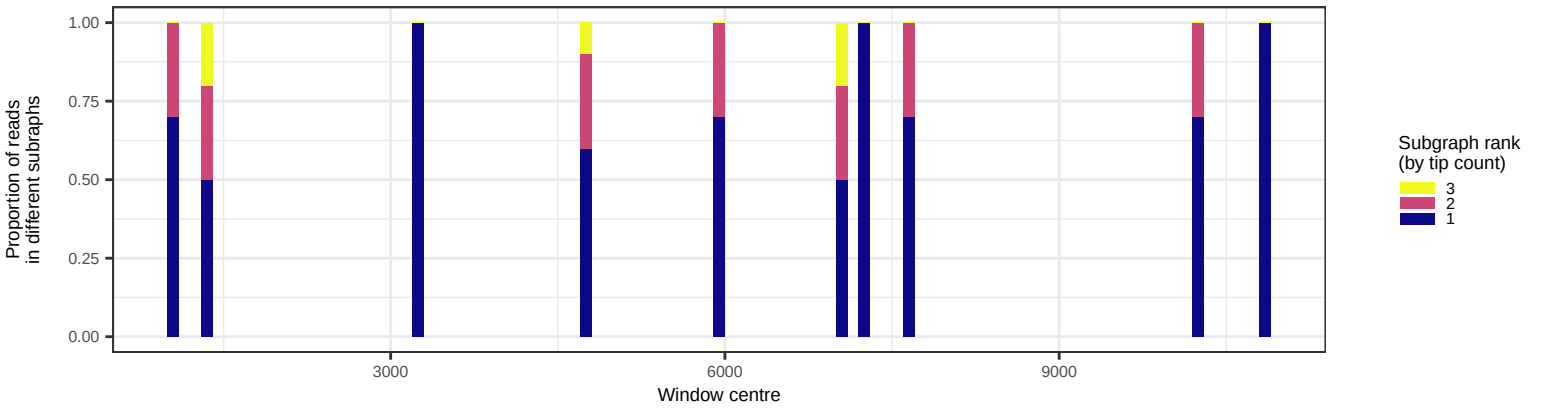

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

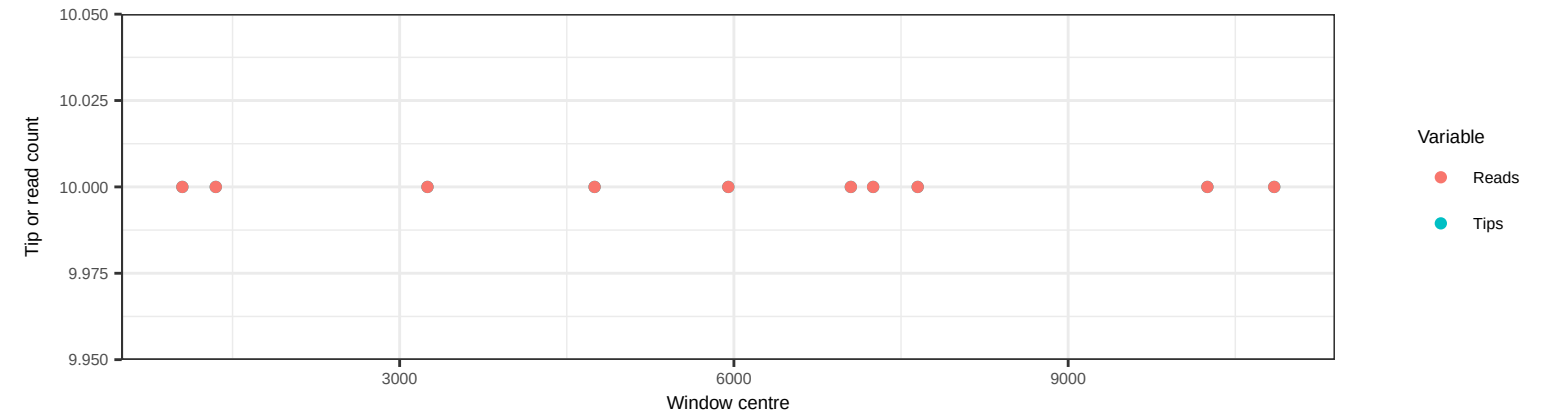

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

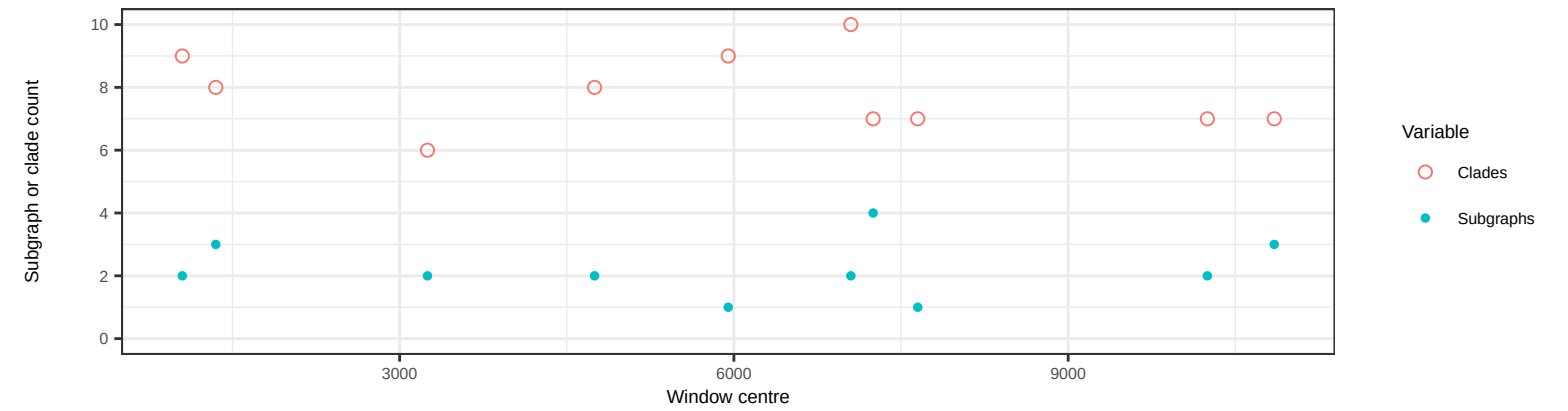

Subgraph or clade count
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

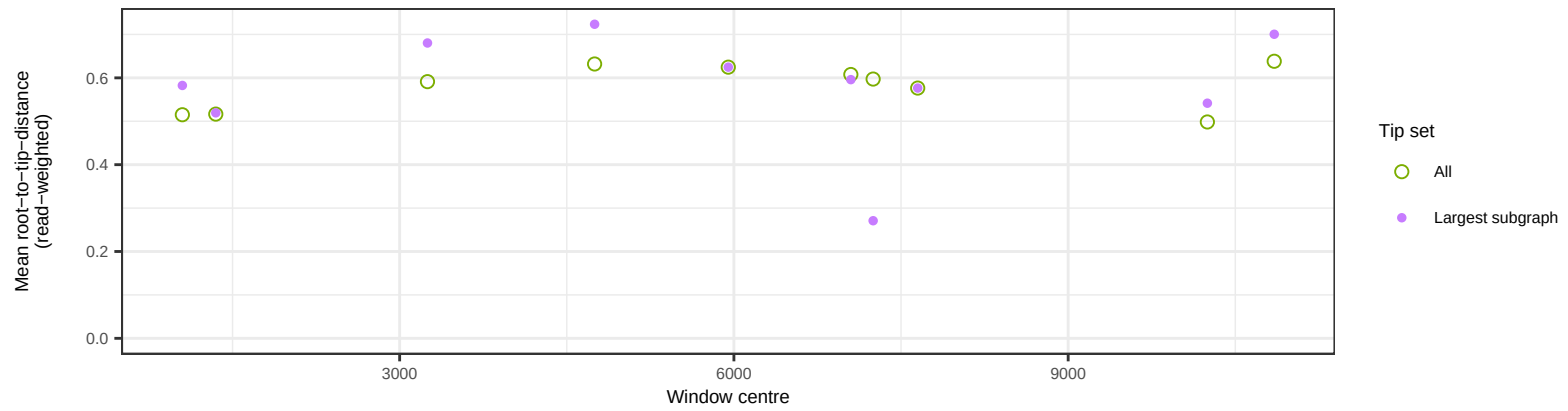

Mean root−to−tip−distance
(read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

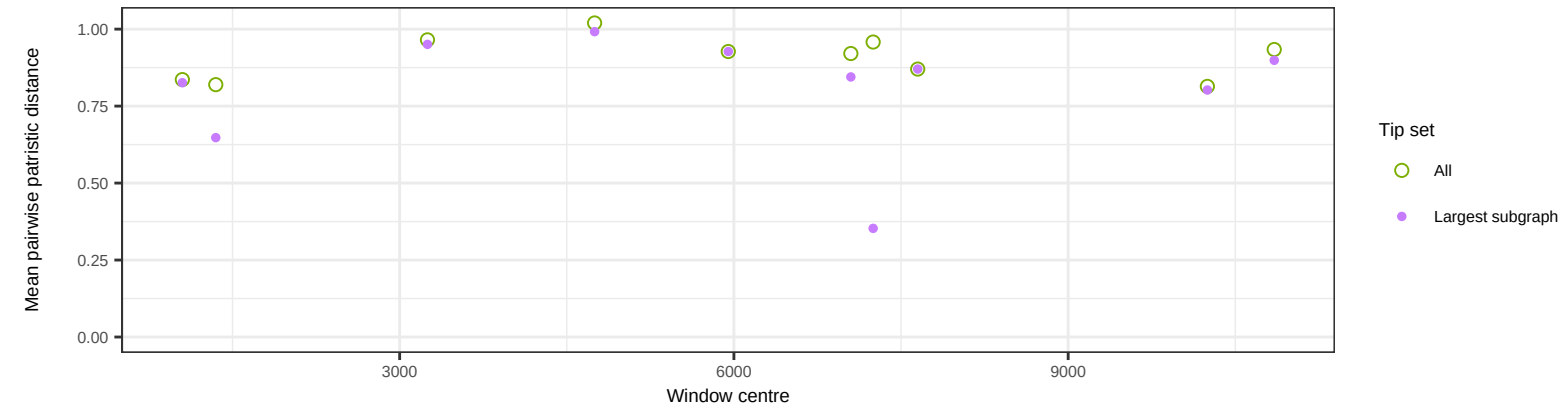

Mean pairwise patristic distance
9
6
3
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

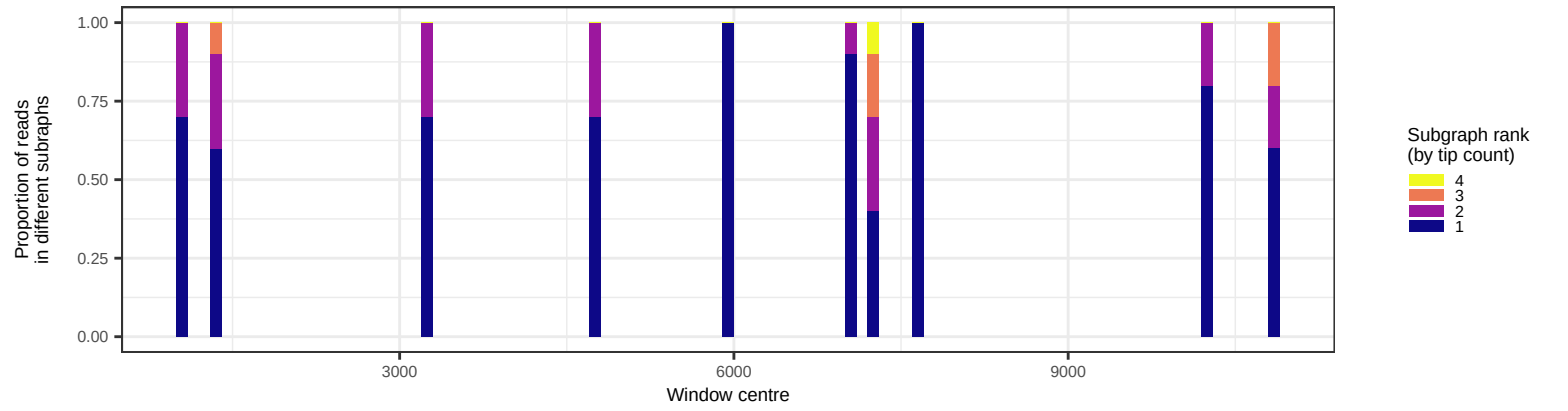

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
3
2
1


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

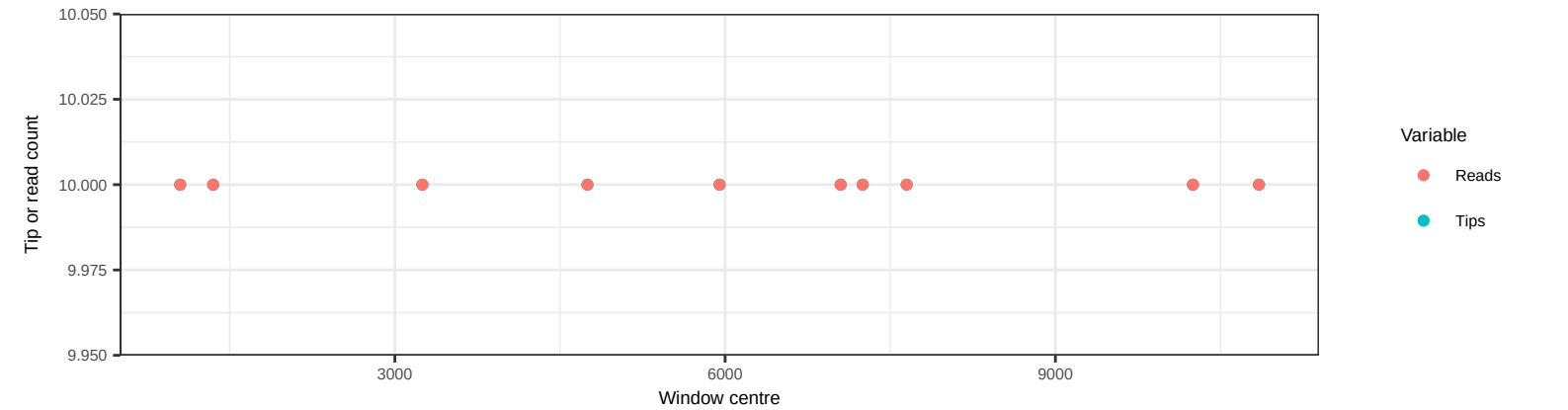

Subgraph or clade count
10
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

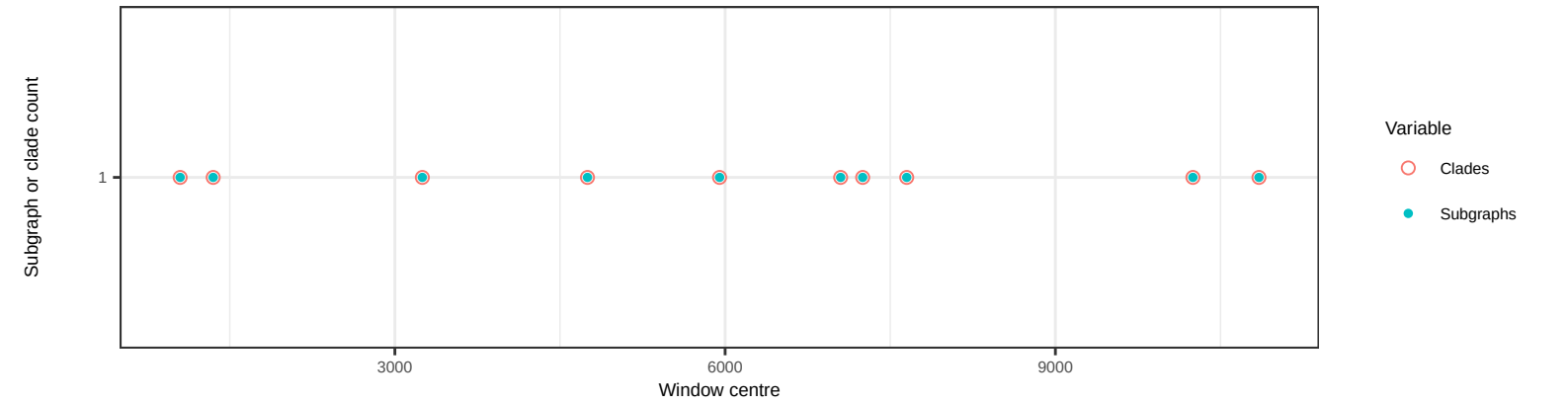

Mean root−to−tip−distance
(read−weighted)
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

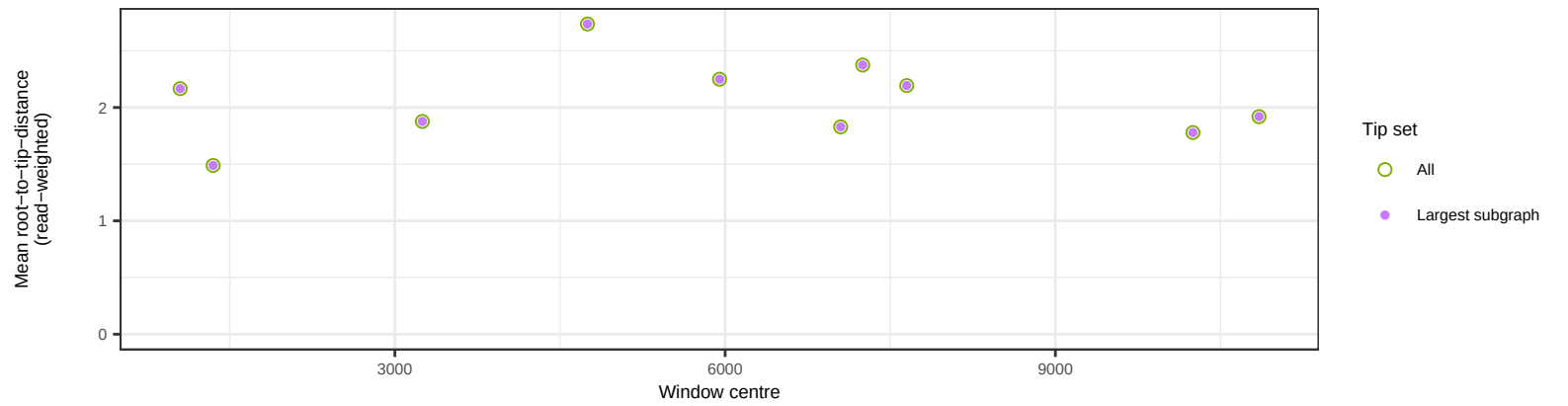

Mean pairwise patristic distance
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

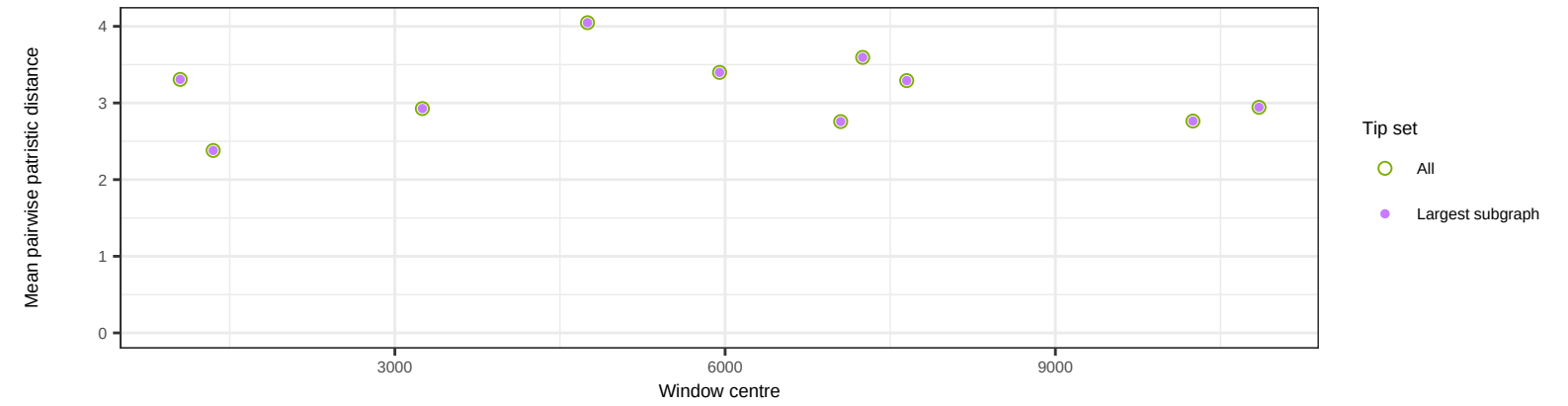

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
4
3
2
1

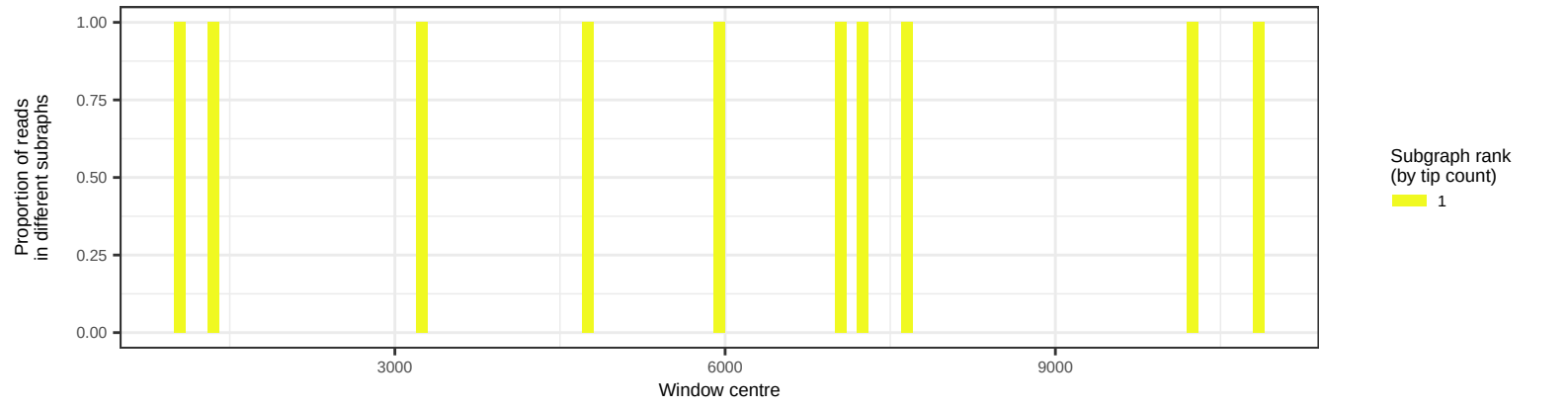
400

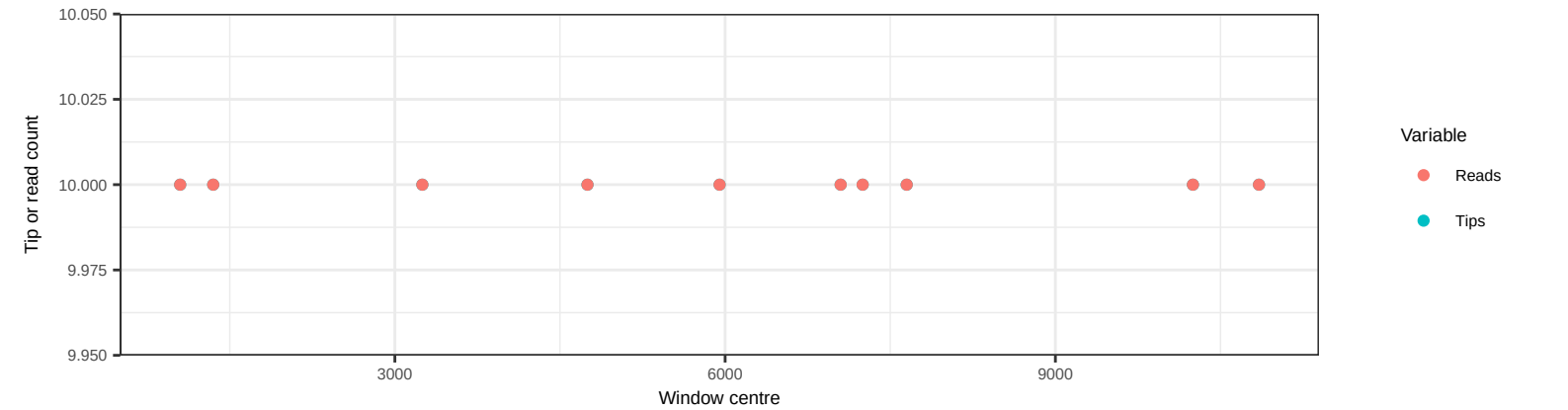

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

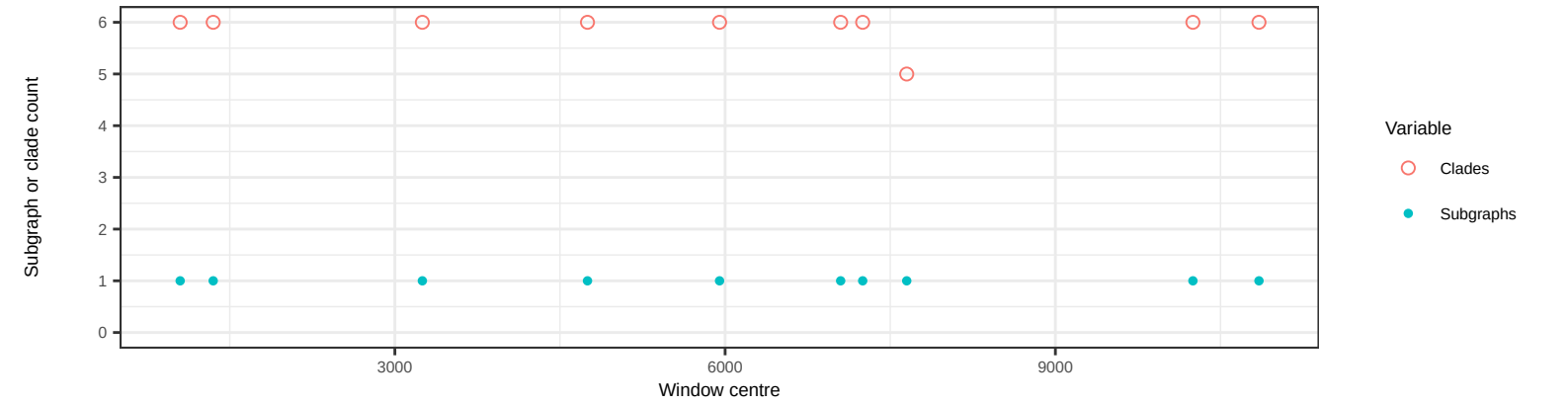

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

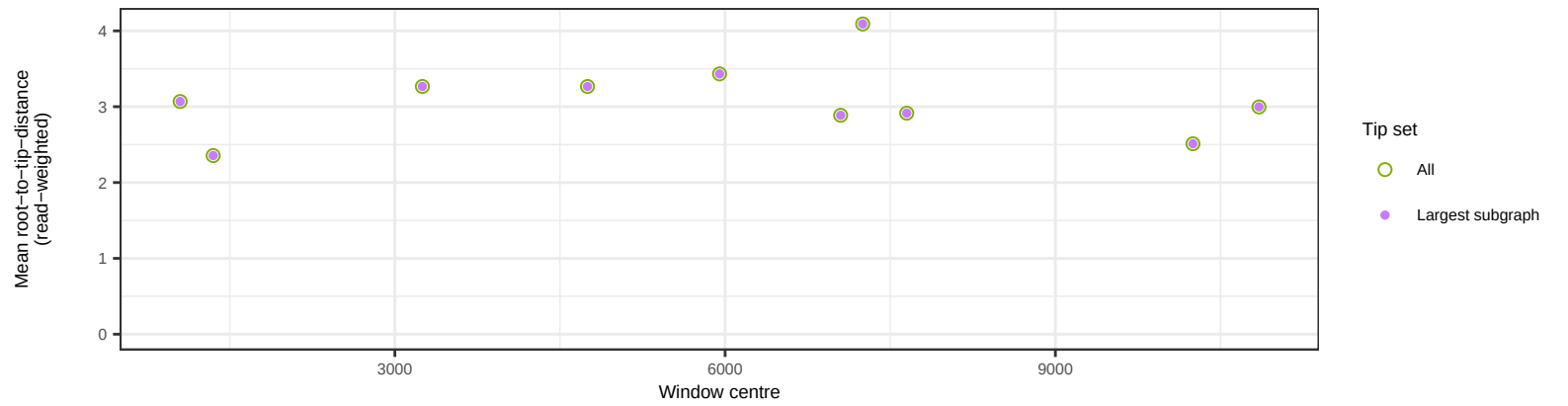

Mean root−to−tip−distance
(read−weighted)
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

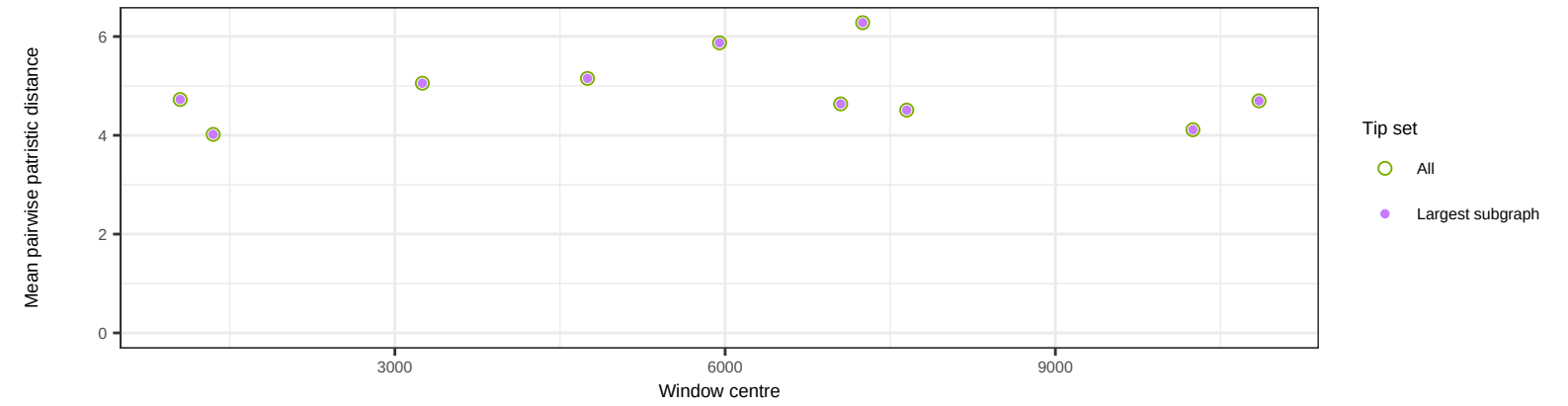

Mean pairwise patristic distance
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

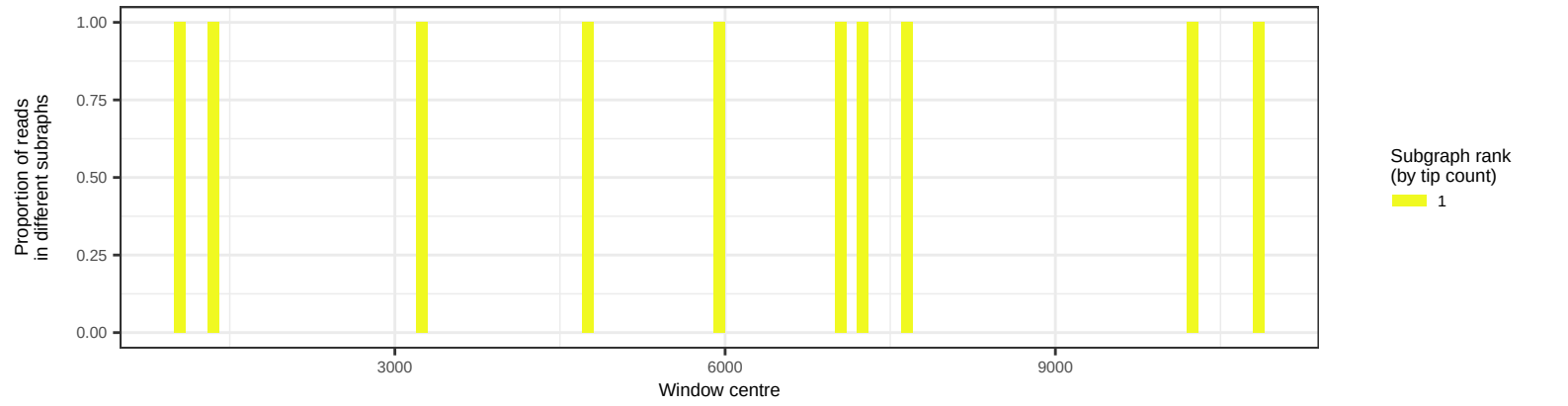

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

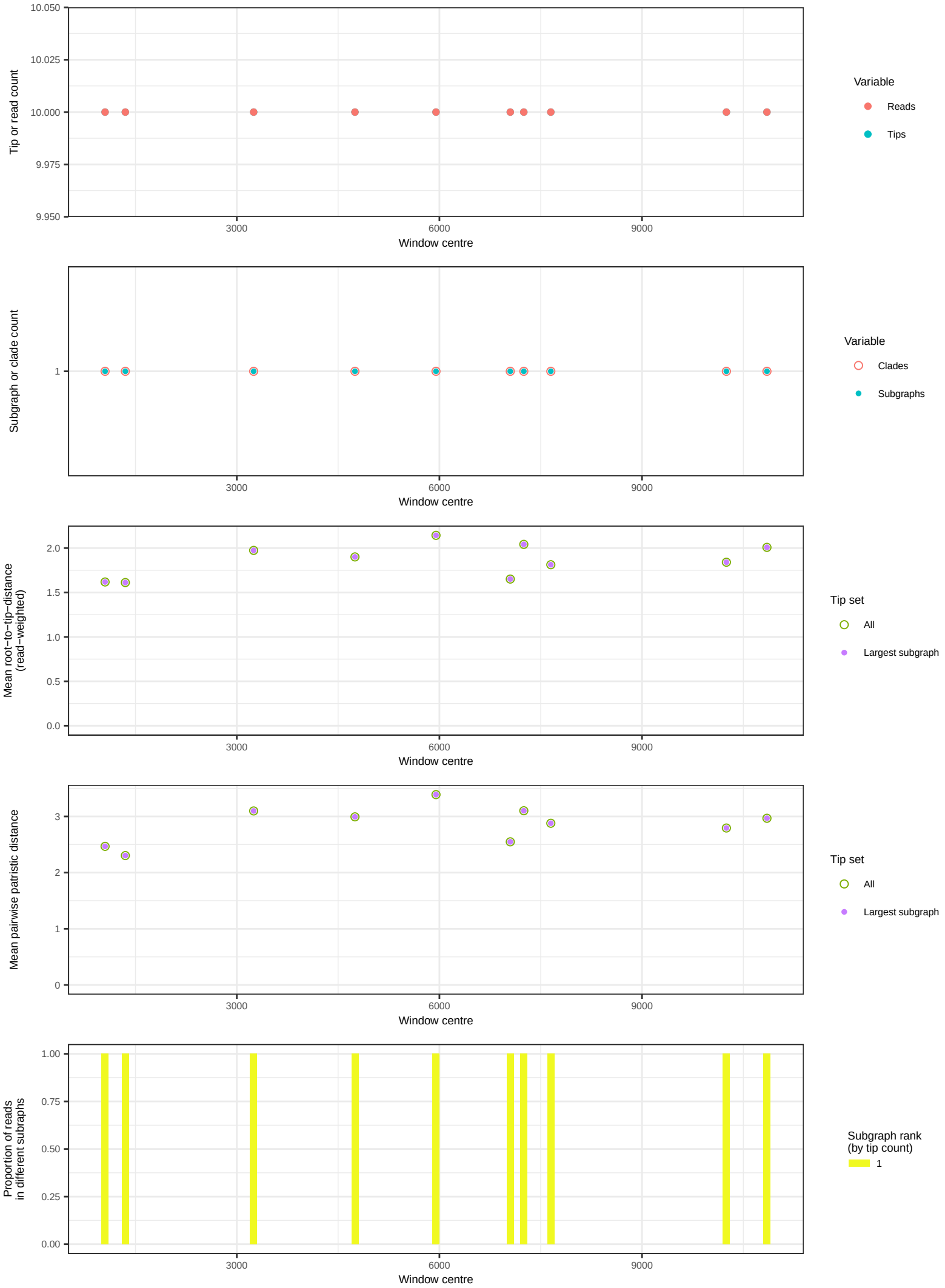

10.050
10.025
10.000
9.975
9.950
Tip or read count
3000
6000
9000
Window centre
Variable
Reads
Tips

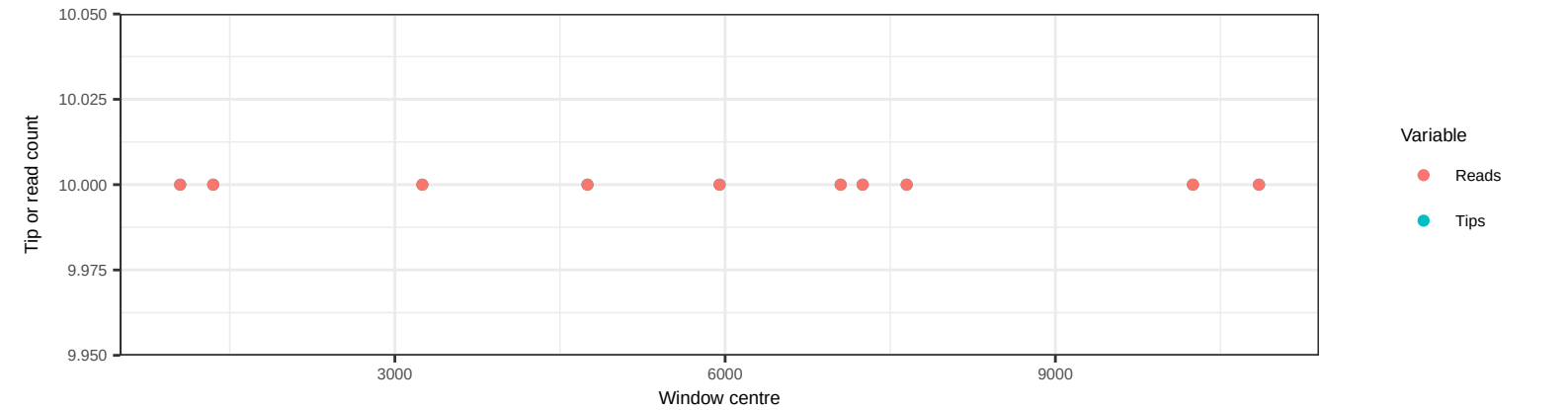

6
5
4
3
2
1
0
Subgraph or clade count
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

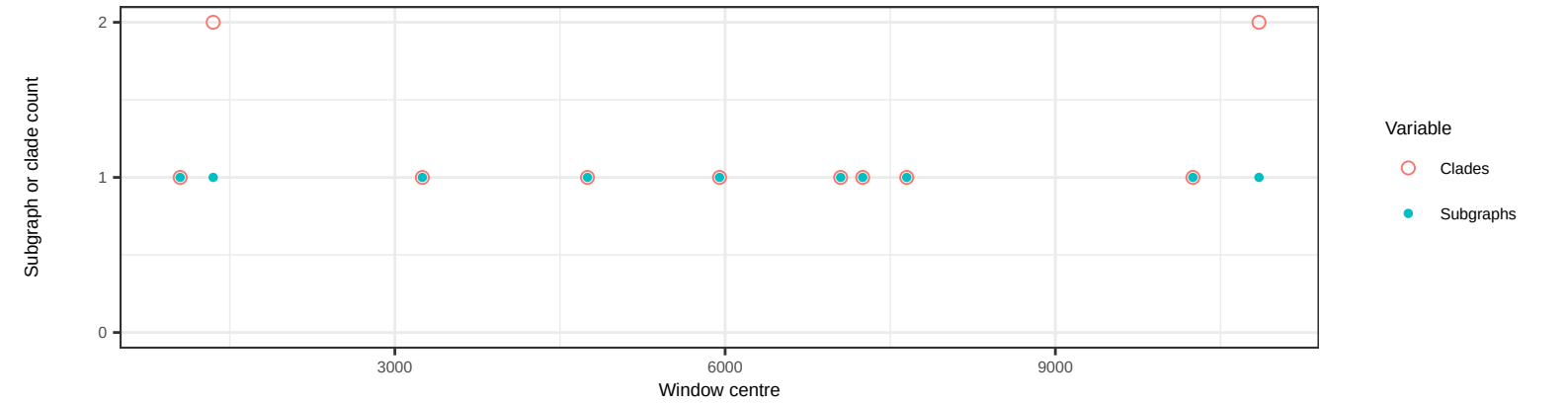

4
3
2
1
0
Mean root−to−tip−distance
(read−weighted)
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

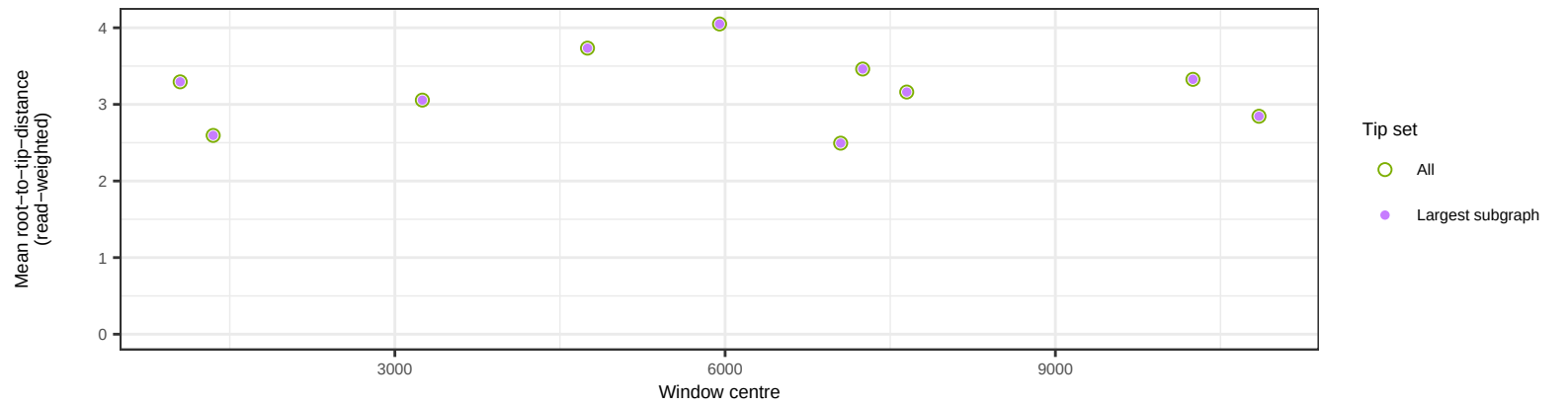

6
4
2
0
Mean pairwise patristic distance
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

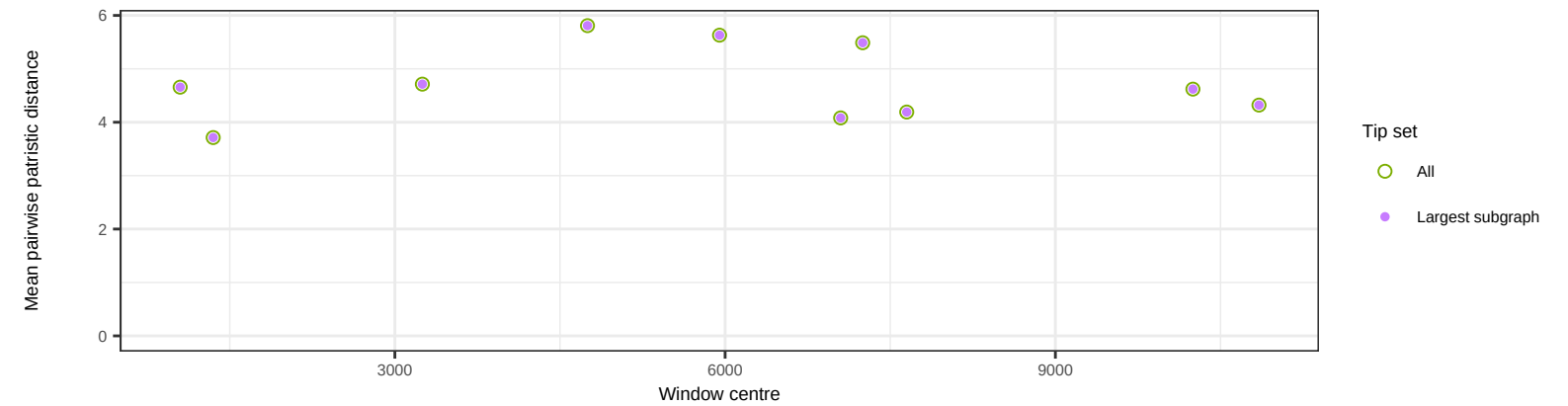

1.00
0.75
0.50
0.25
0.00
Proportion of reads
in different subraphs
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

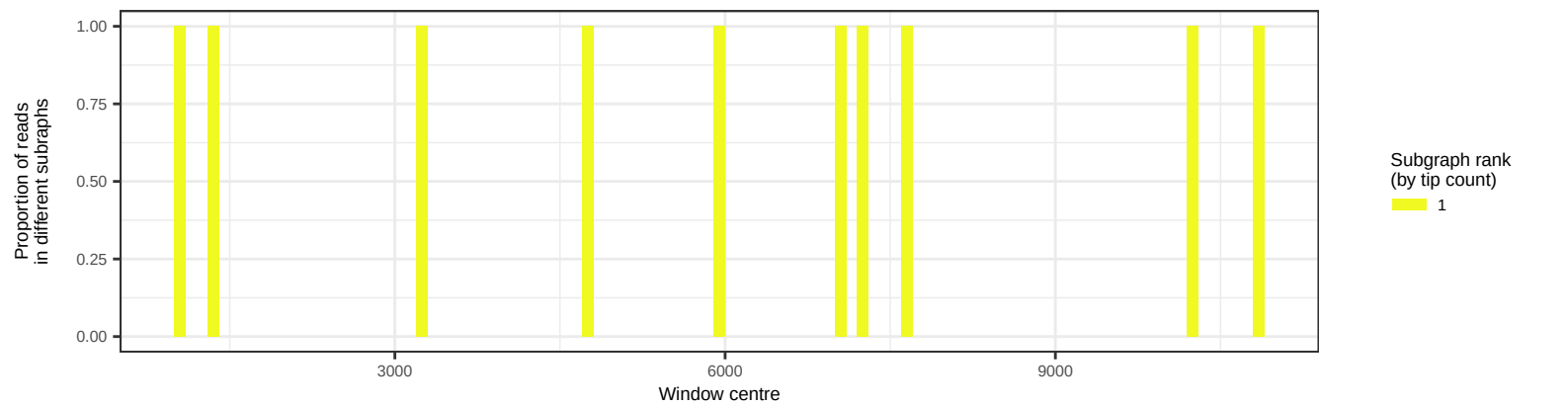

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

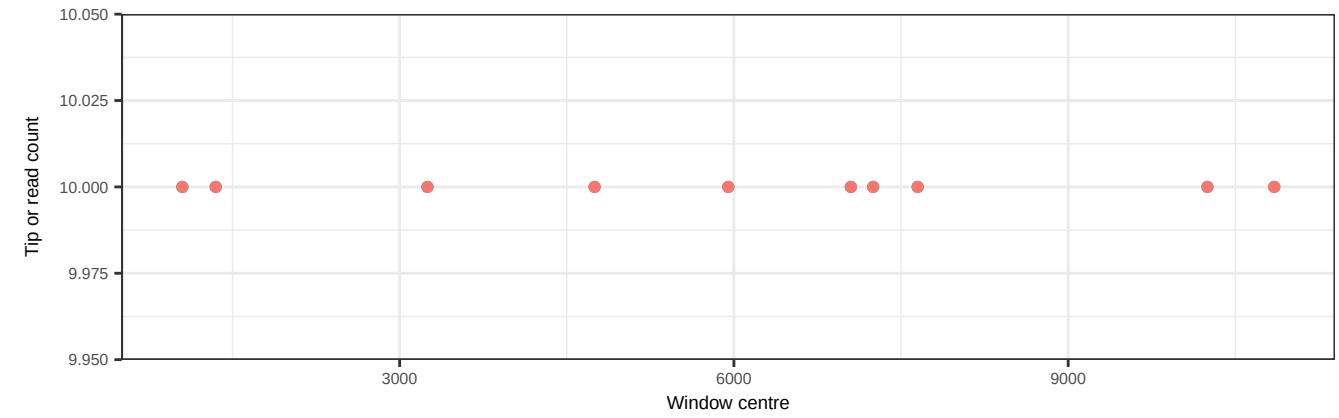

Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

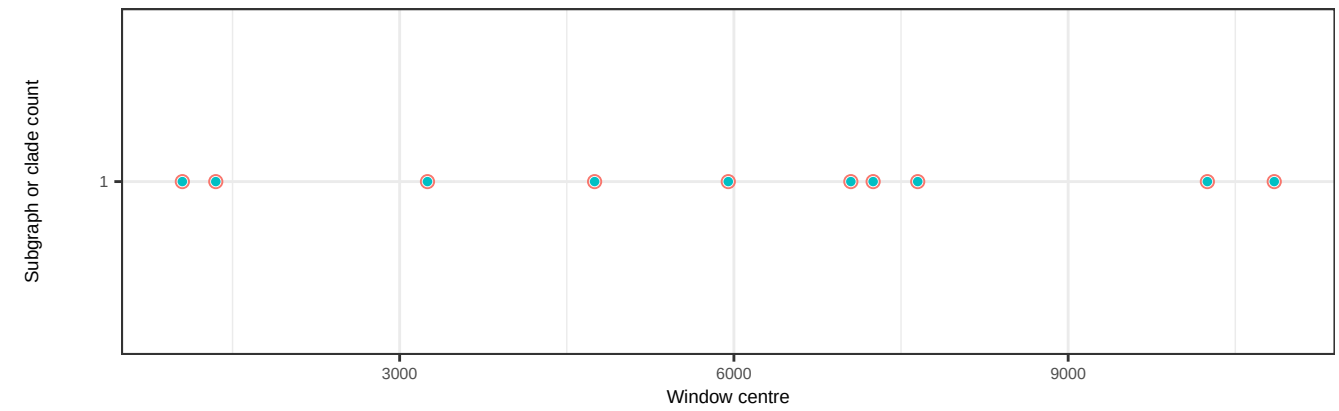

Mean root−to−tip−distance
(read−weighted)
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

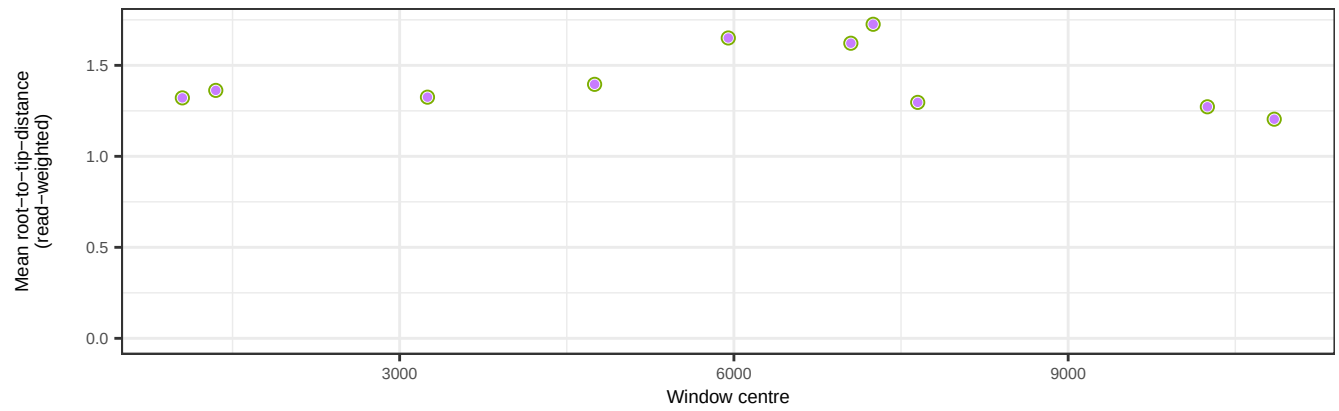

Mean pairwise patristic distance
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

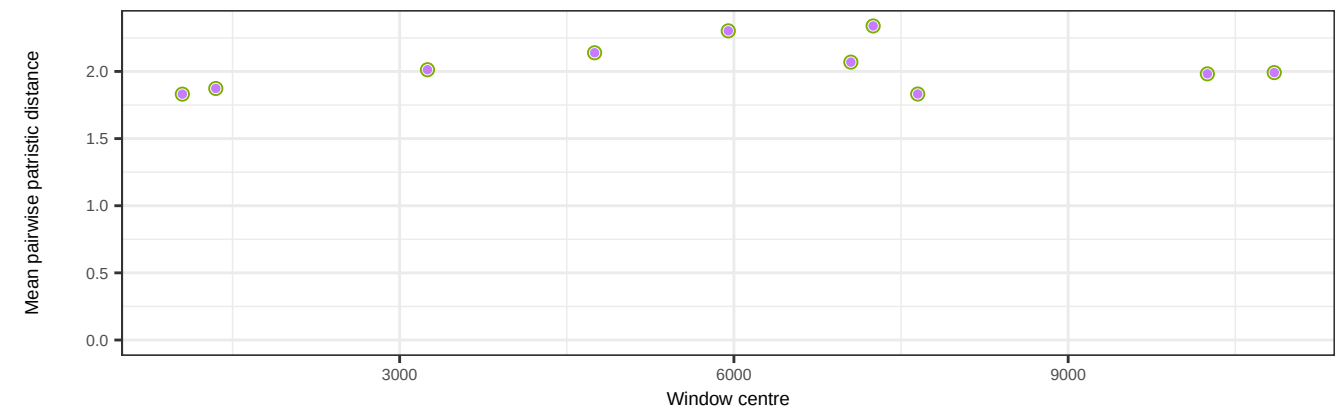

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

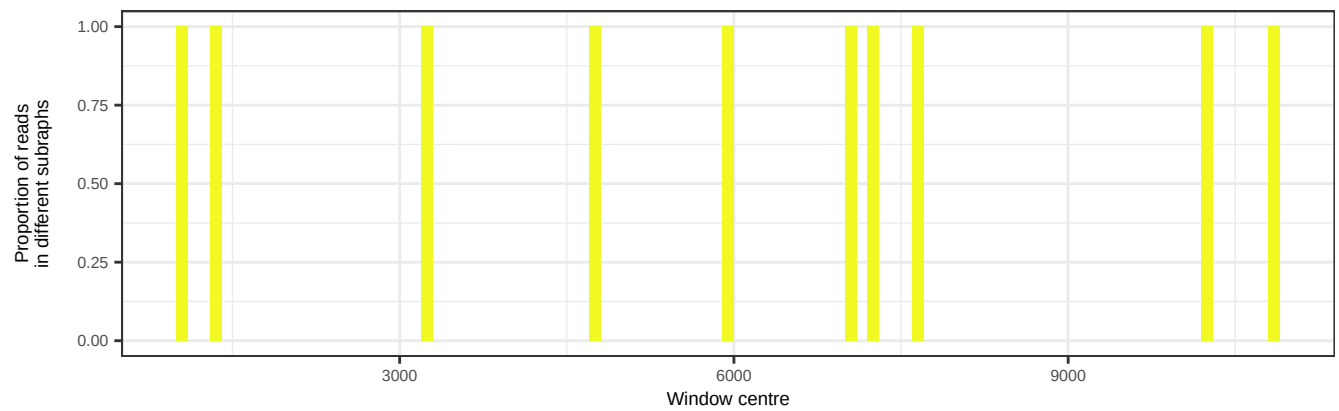
506


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

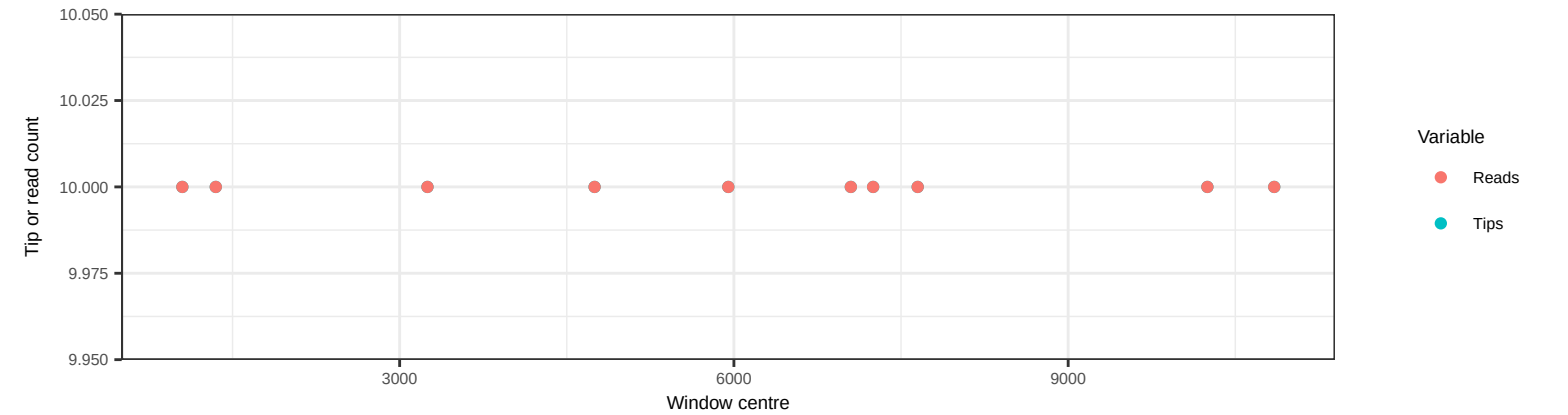

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

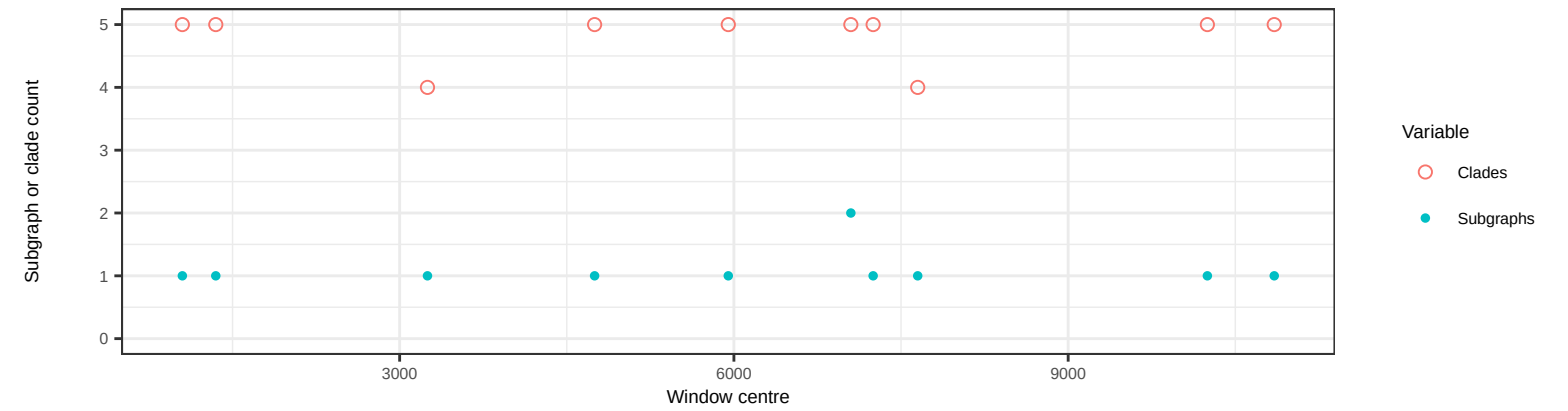

Mean root−to−tip−distance
(read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

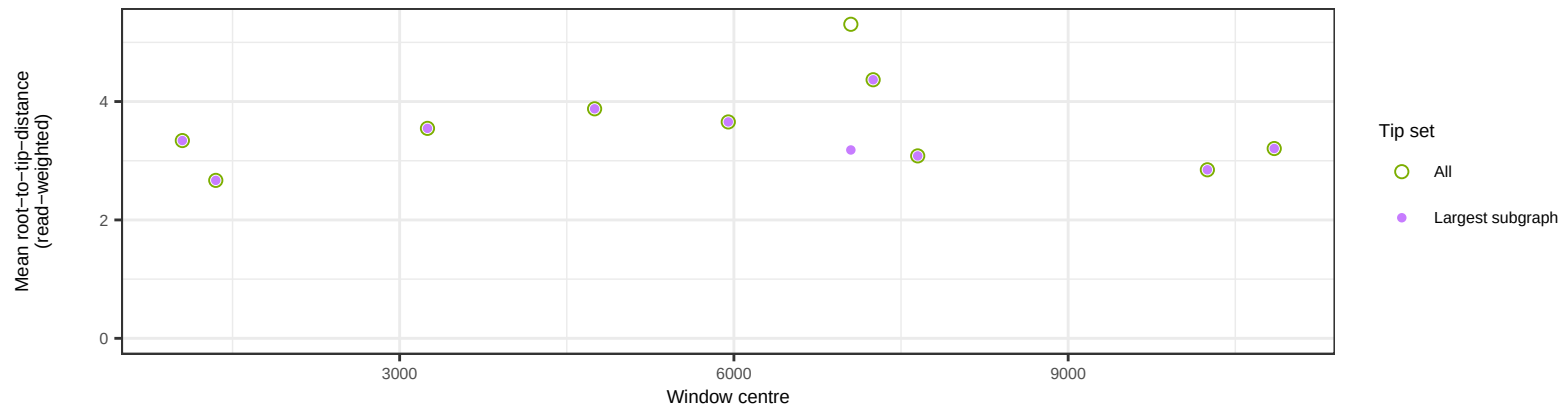

Mean pairwise patristic distance
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

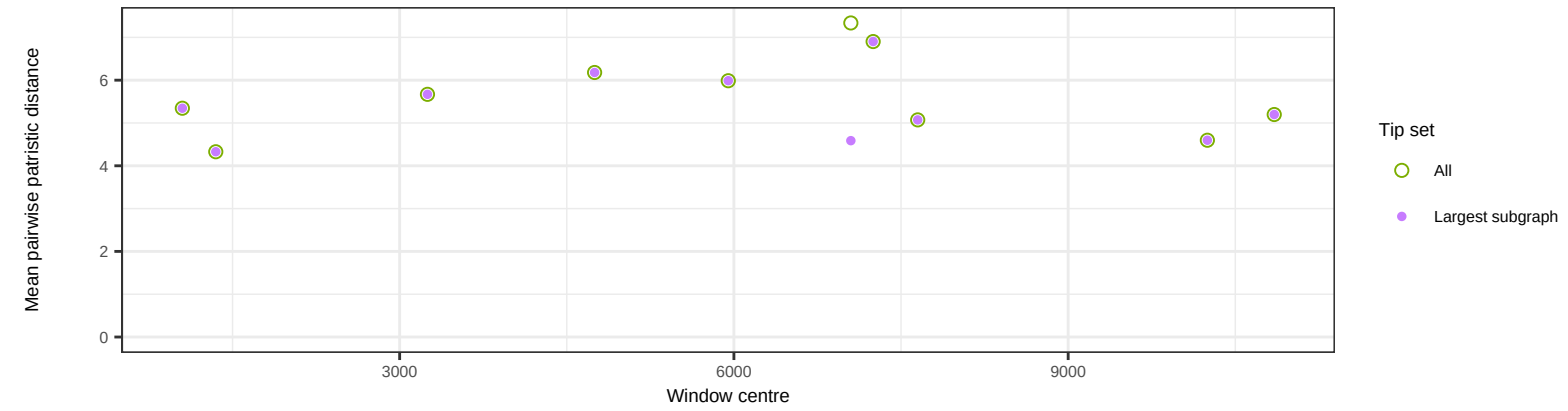

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

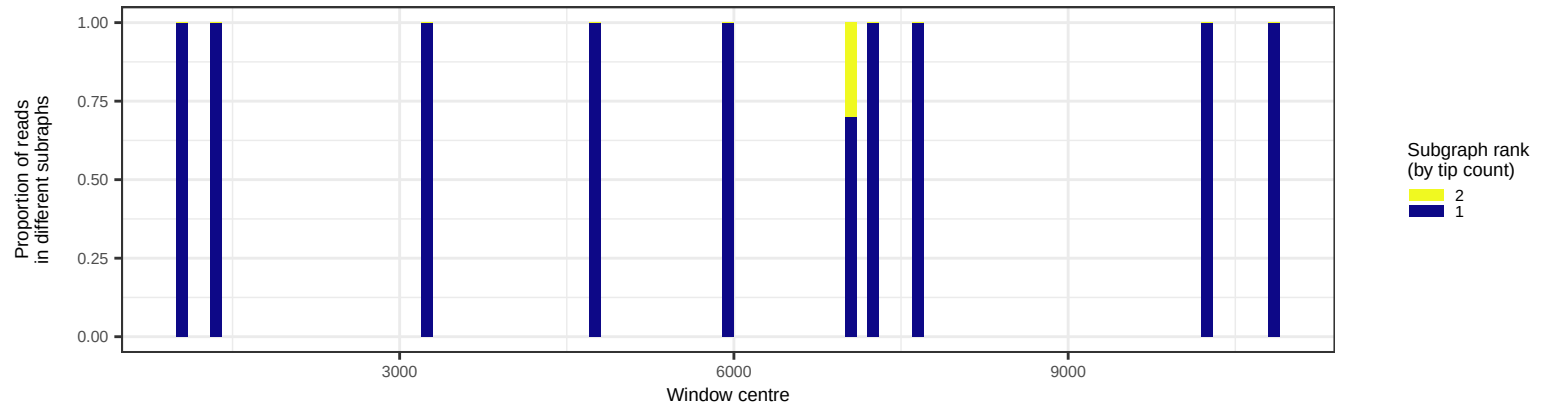
509


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

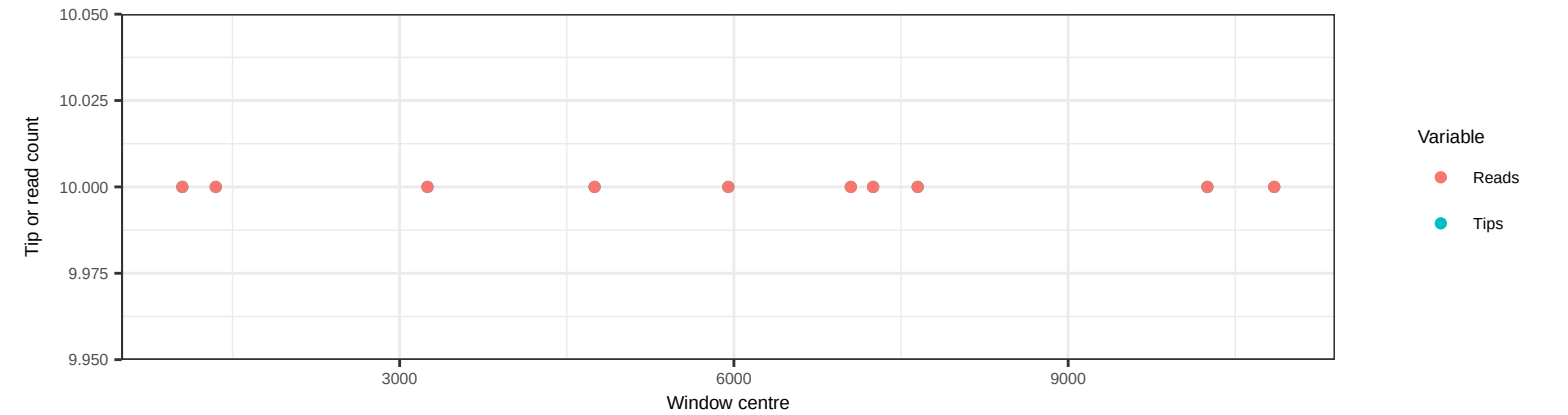

Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

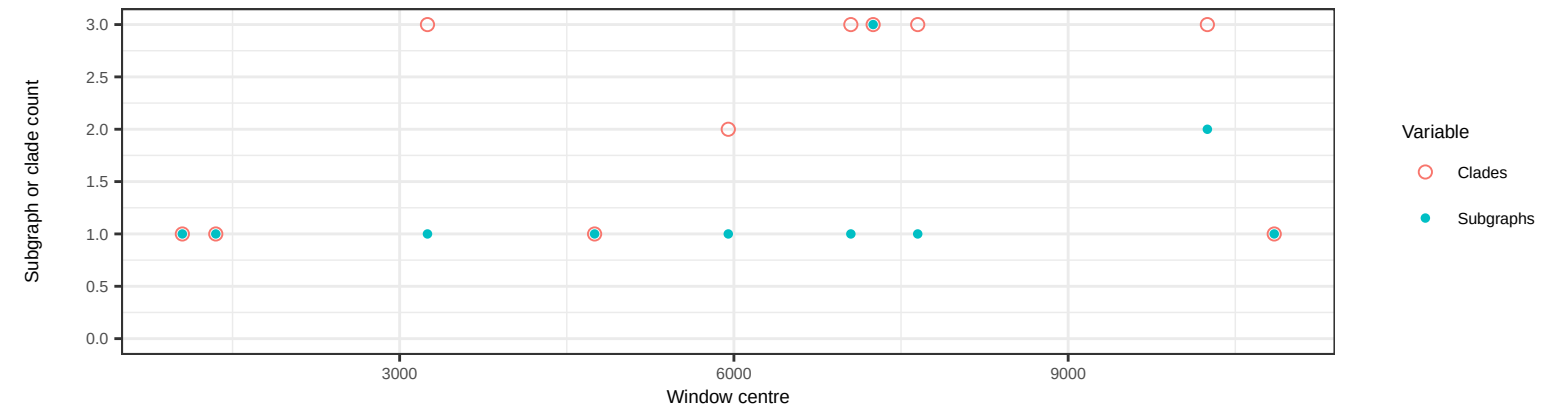

Mean root−to−tip−distance
(read−weighted)
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

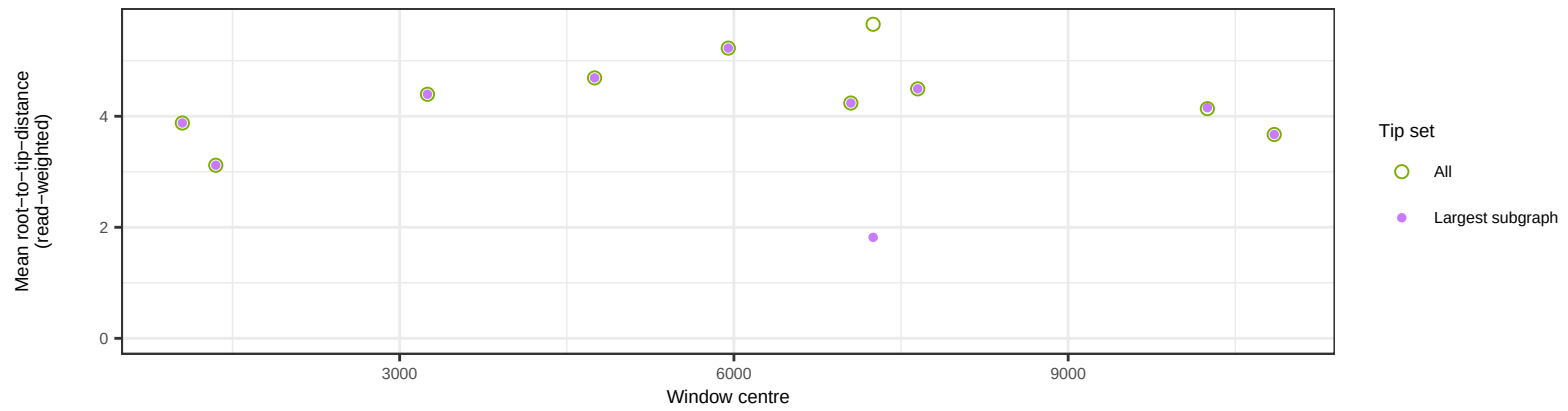

Mean pairwise patristic distance
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

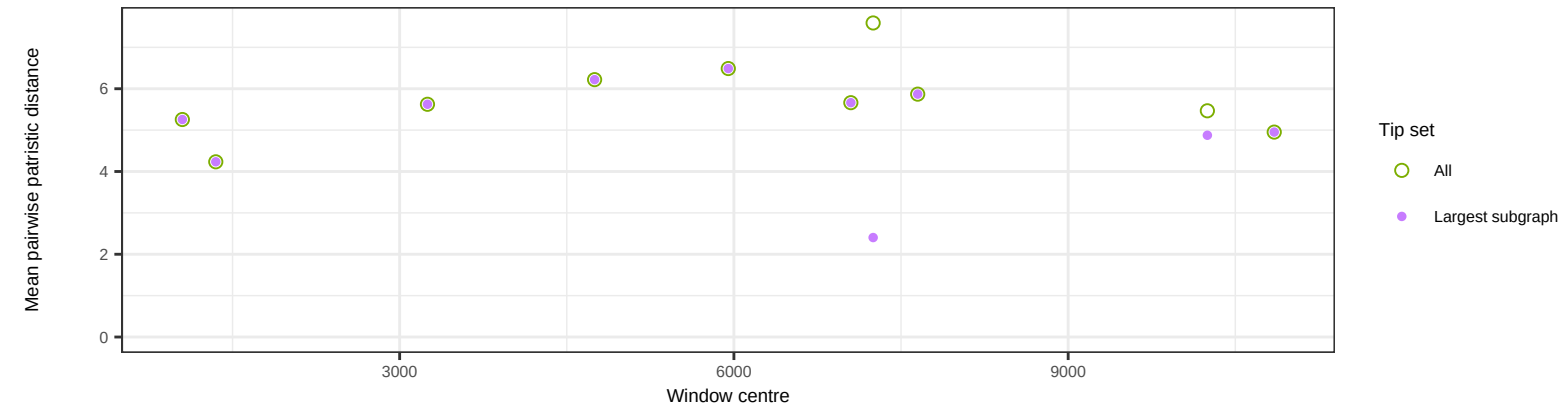

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

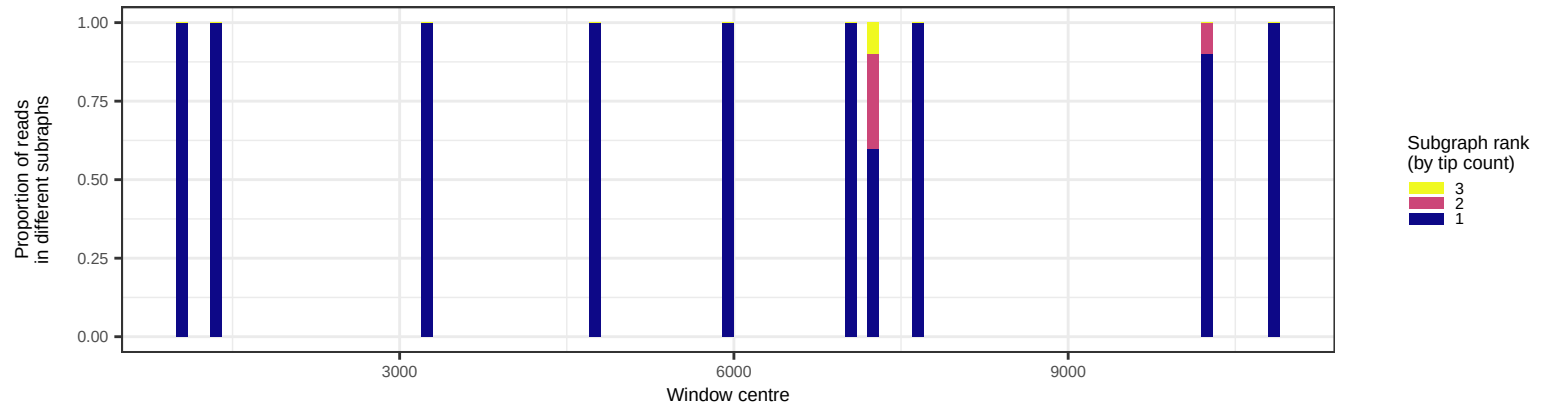
523

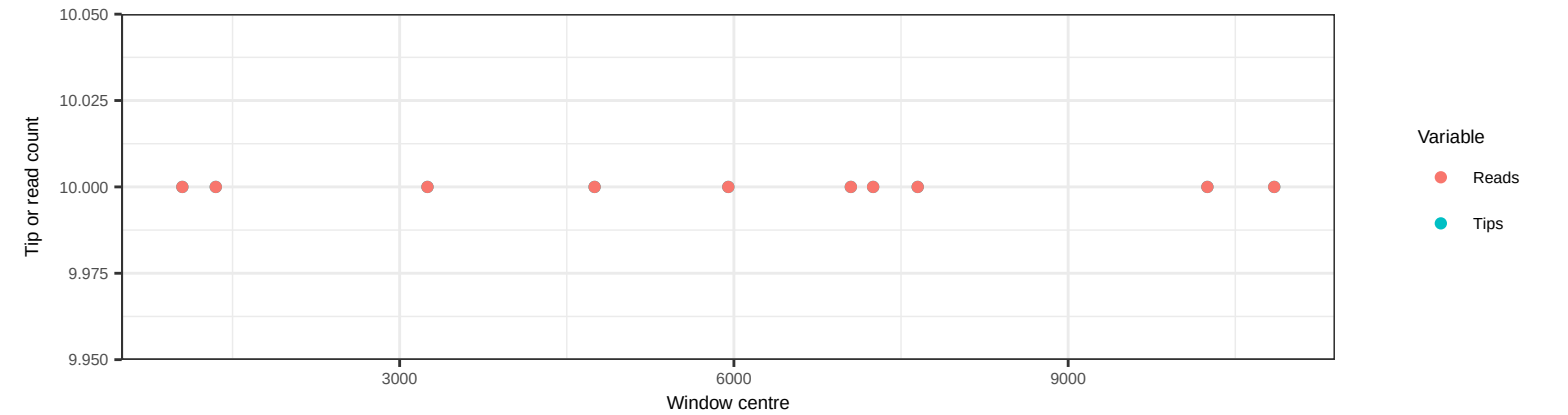

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

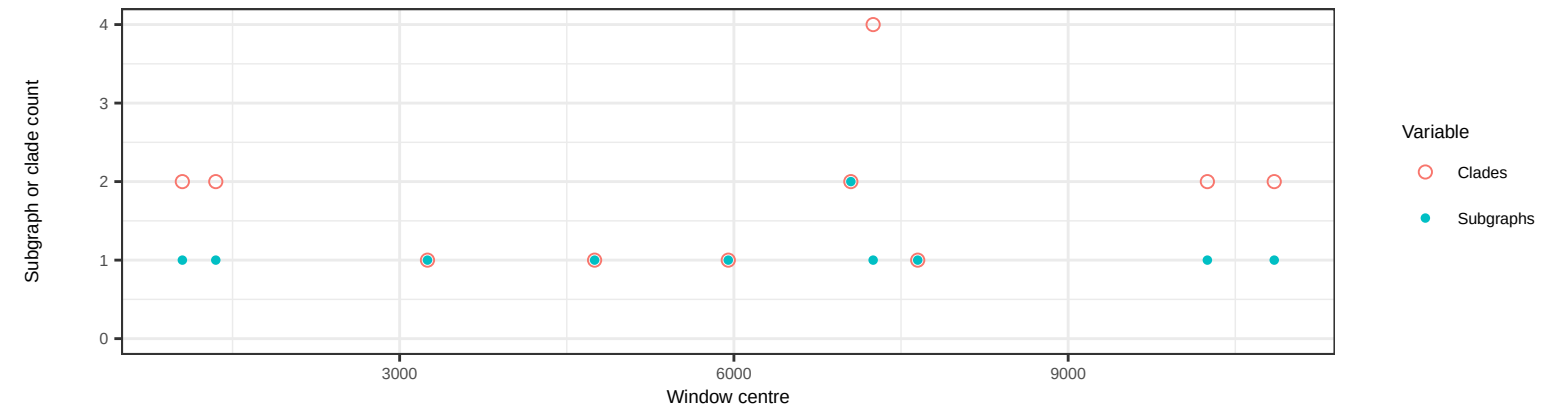

Subgraph or clade count
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

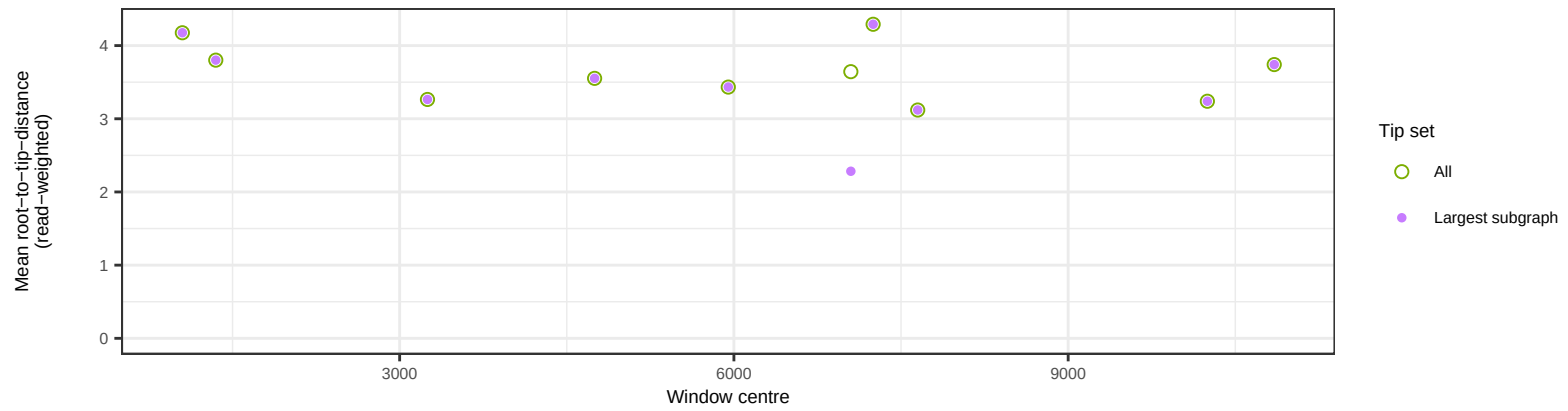

Mean root−to−tip−distance
(read−weighted)
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

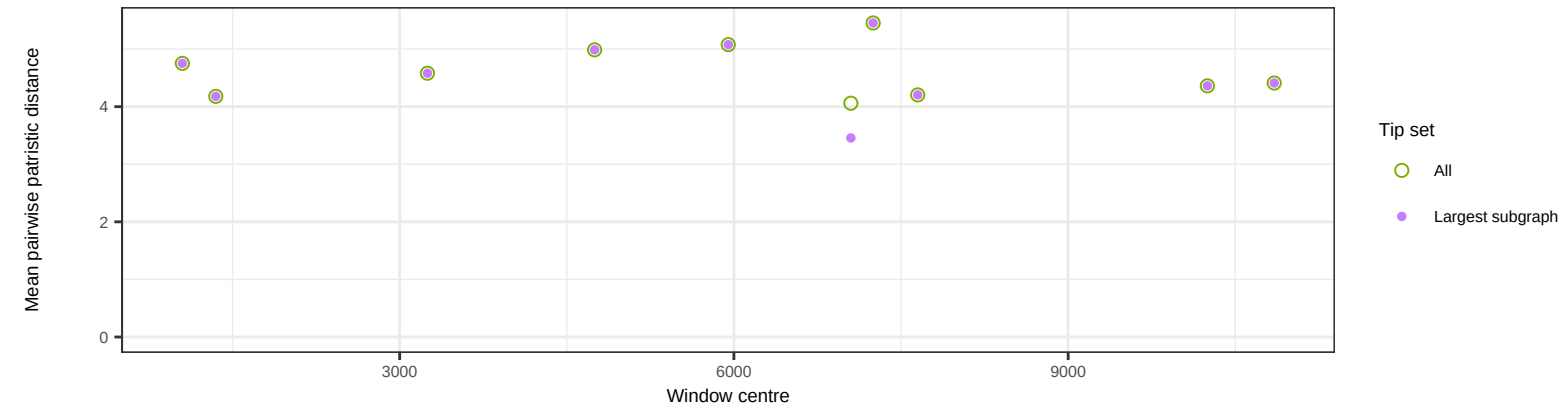

Mean pairwise patristic distance
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

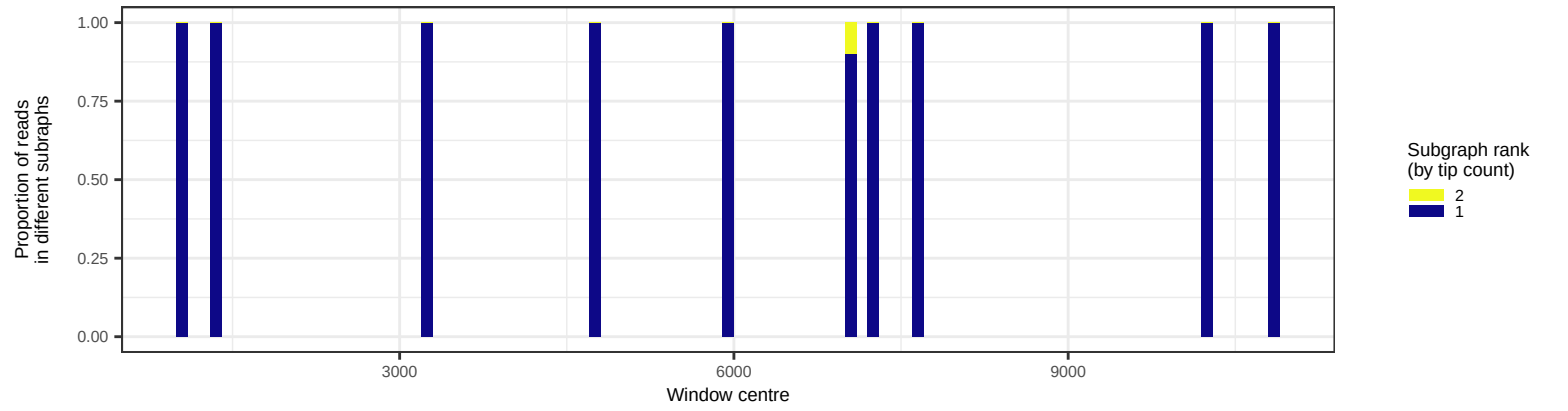

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
3
2
1

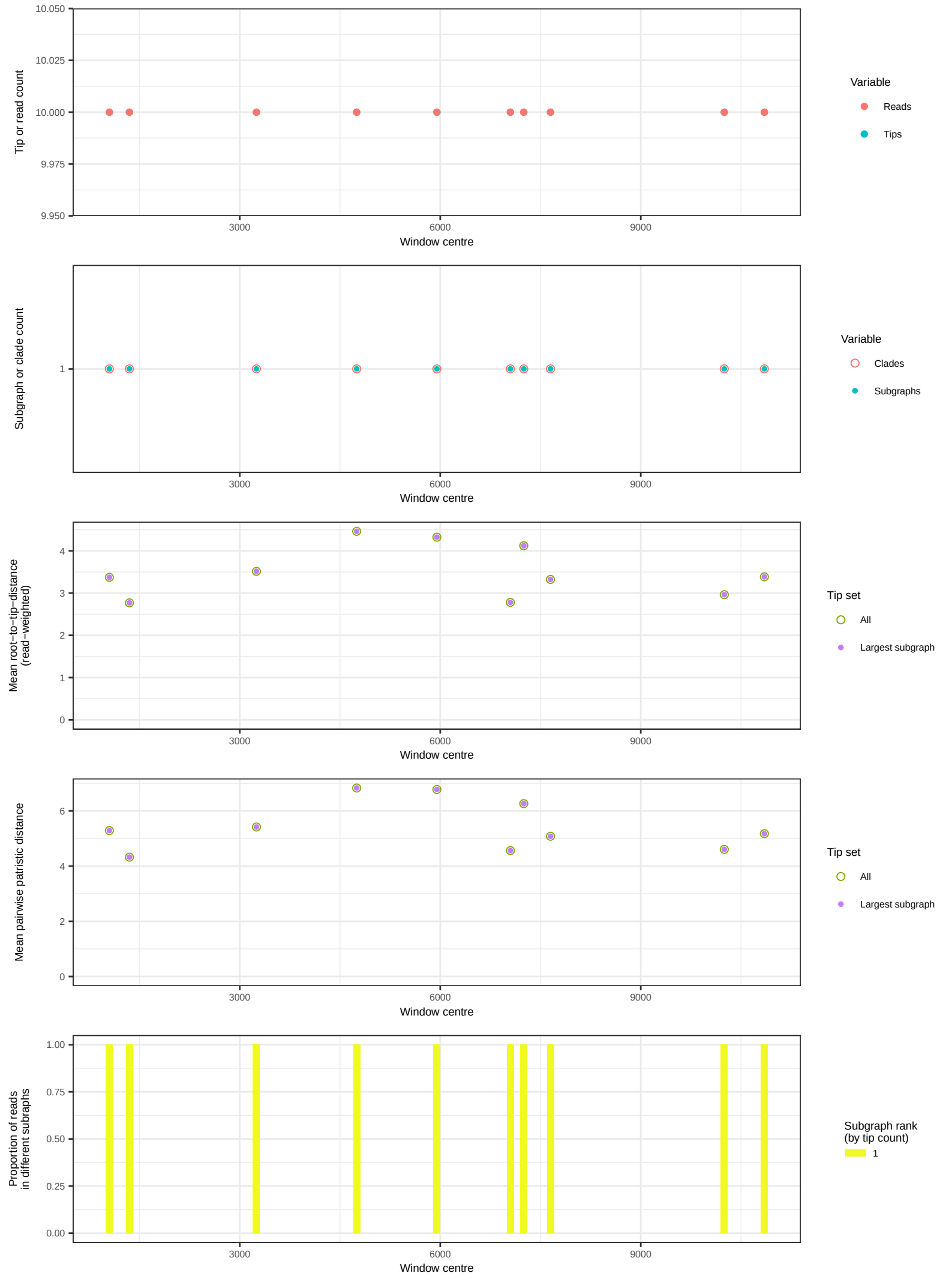

10.050
10.025
10.000
9.975
9.950
Tip or read count
3000
6000
9000
Window centre
Variable
Reads
Tips

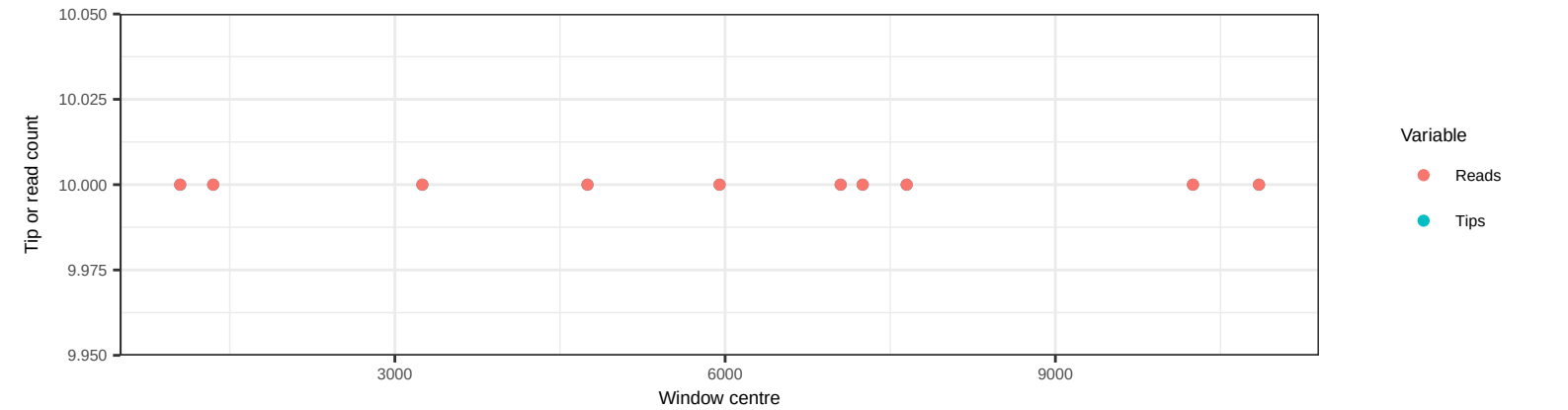

4
3
2
1
0
Subgraph or clade count
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

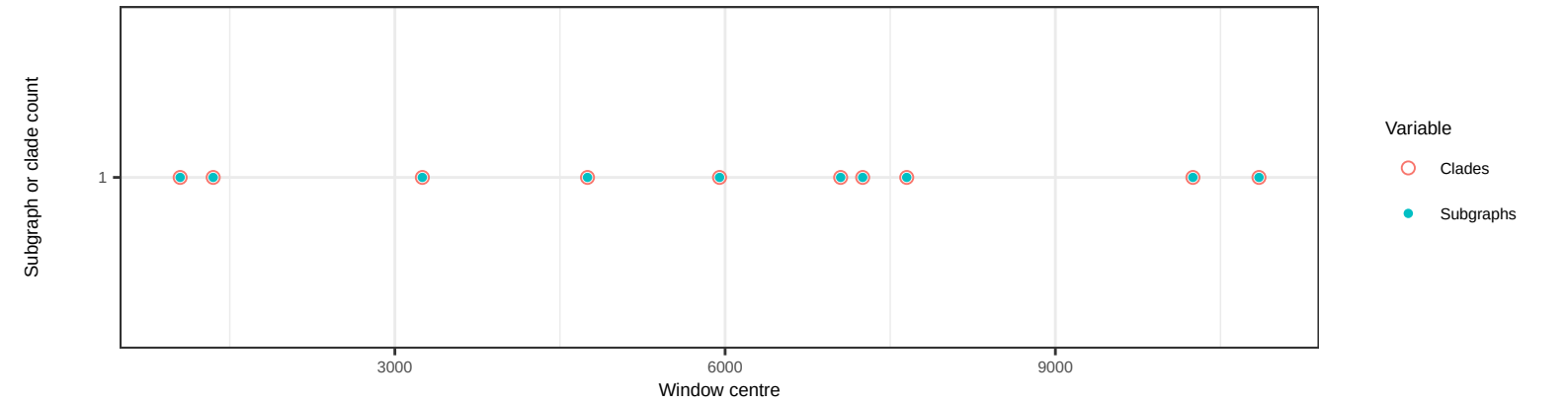

4
3
2
1
0
Mean root−to−tip−distance
(read−weighted)
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

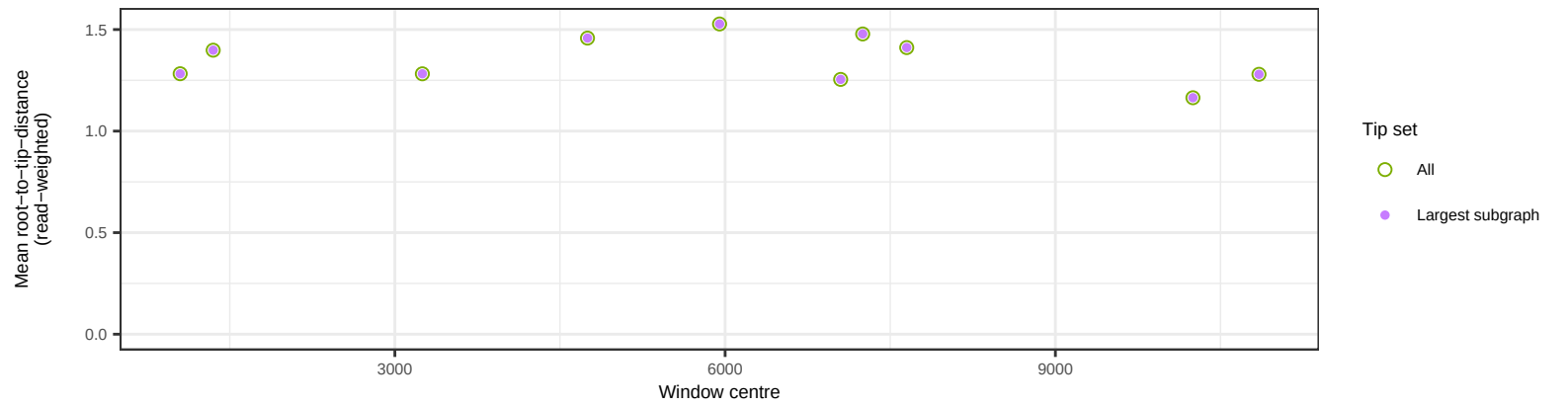

4
2
0
Mean pairwise patristic distance
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

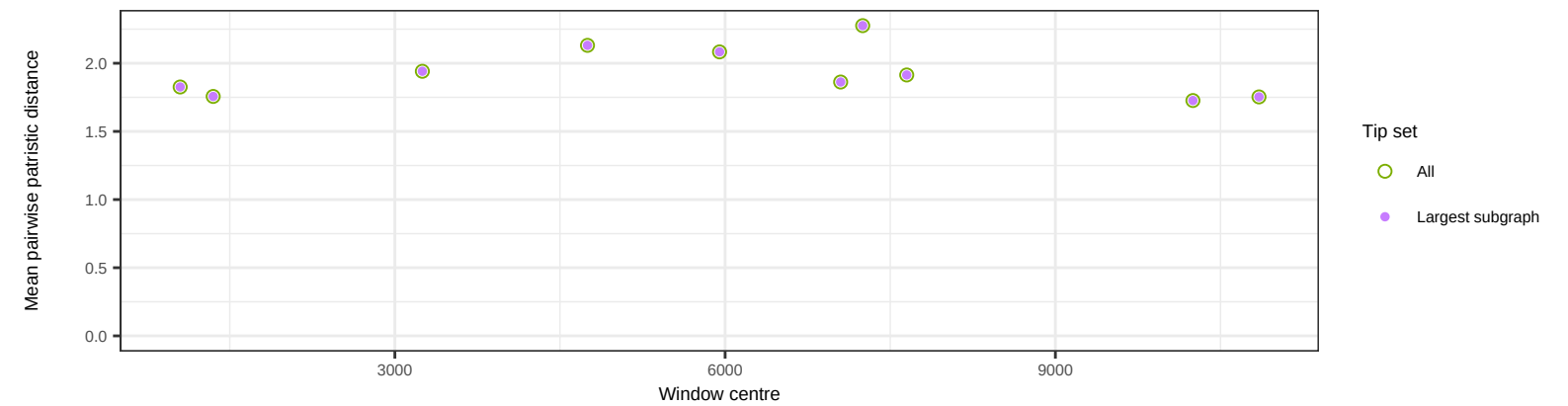

1.00
0.75
0.50
0.25
0.00
Proportion of reads
in different subraphs
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

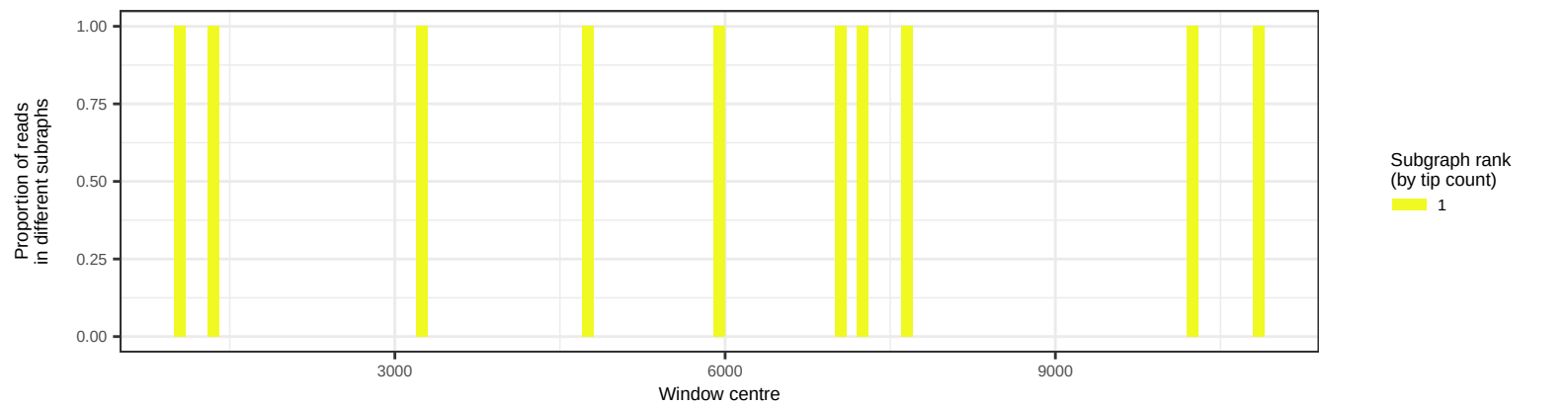

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0
1
2
3
4
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0
2
4
6
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
0.00
0.25
0.50
0.75
1.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

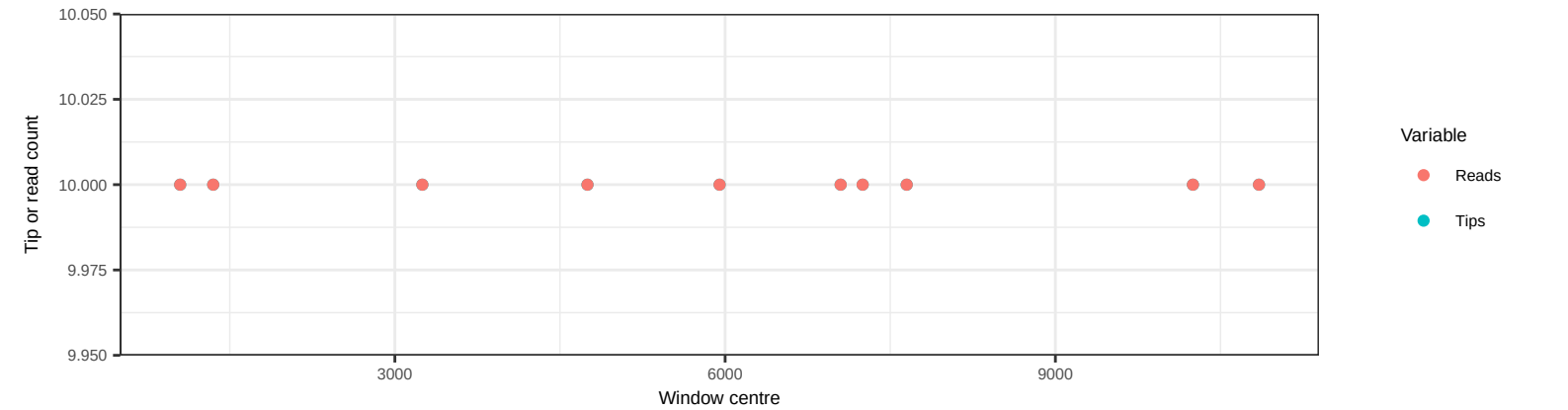

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

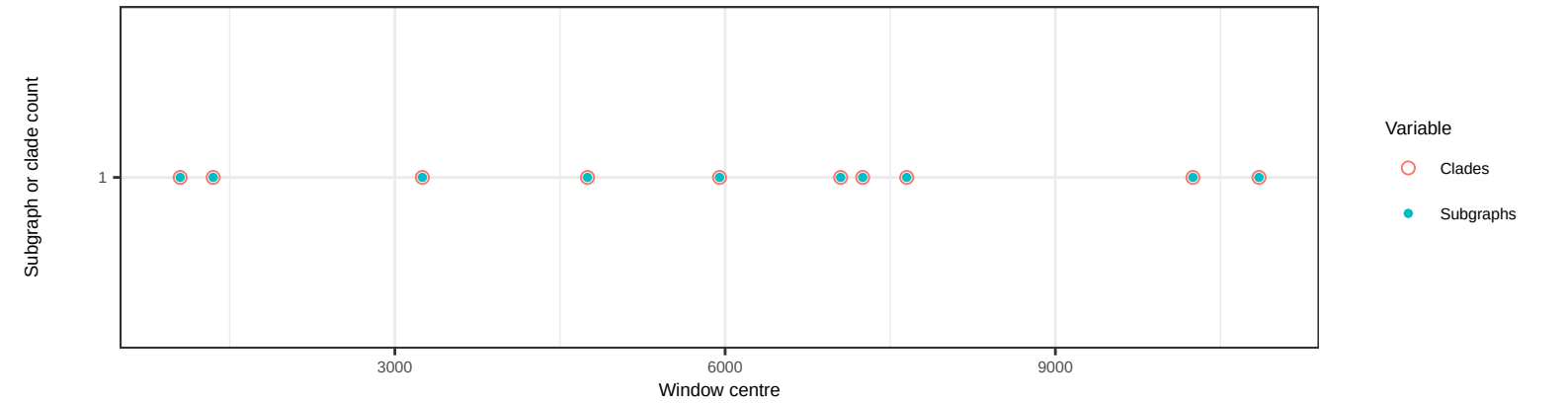

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

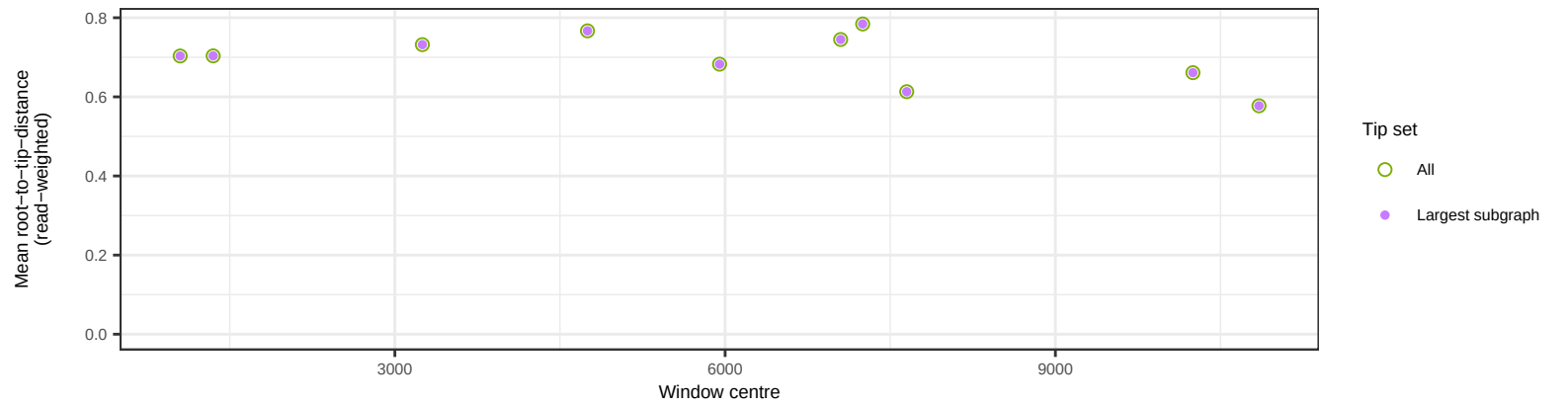

Mean root−to−tip−distance
(read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

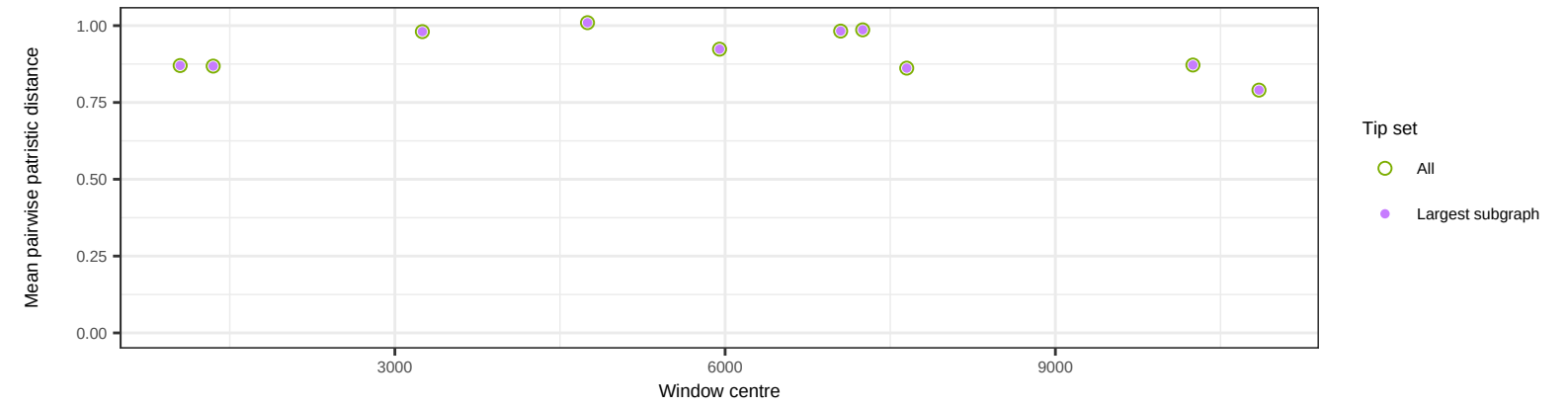

Mean pairwise patristic distance
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

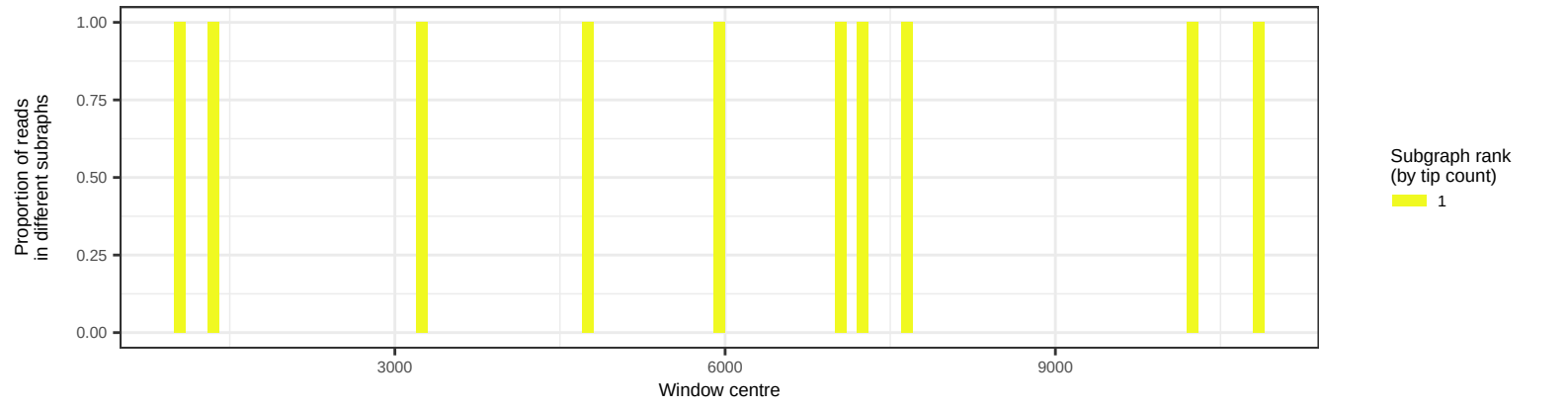

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

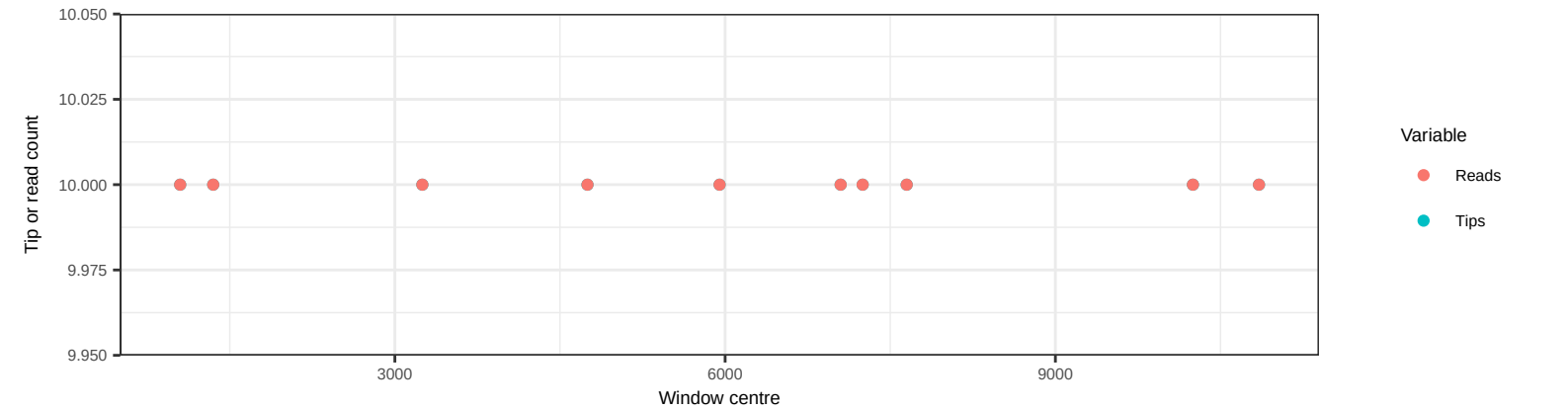

10.050
10.025
10.000
9.975
9.950
Tip or read count
3000
6000
9000
Window centre
Variable
Reads
Tips

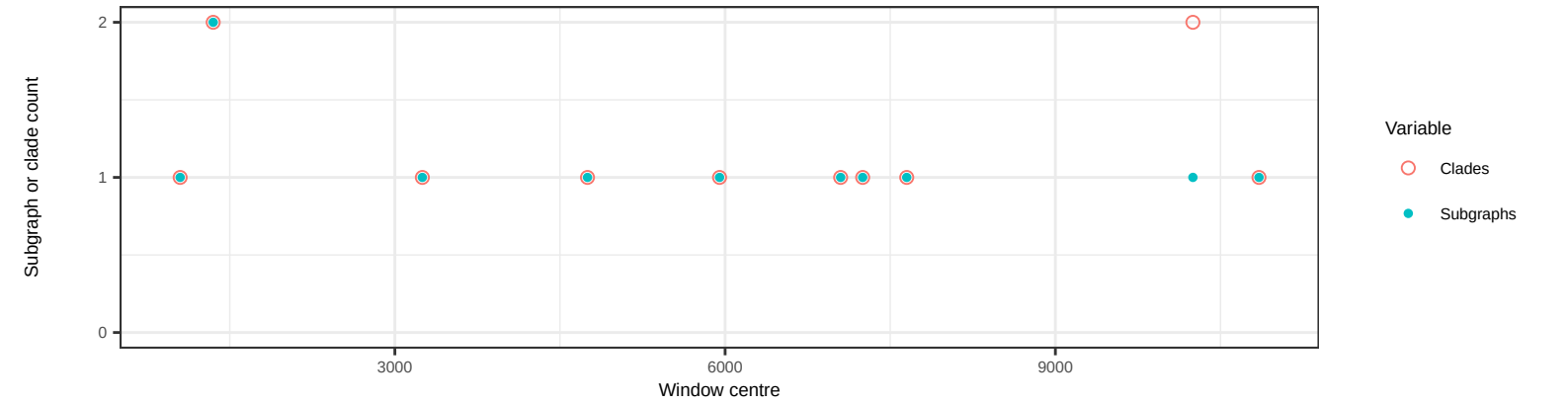

1
Subgraph or clade count
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

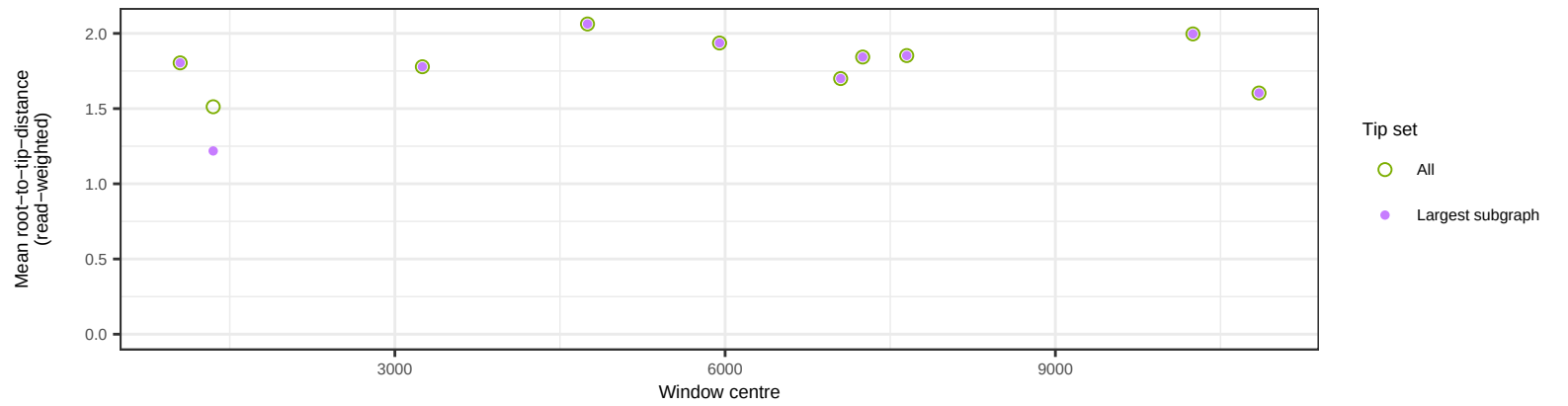

0.8
0.6
0.4
0.2
0.0
Mean root−to−tip−distance
(read−weighted)
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

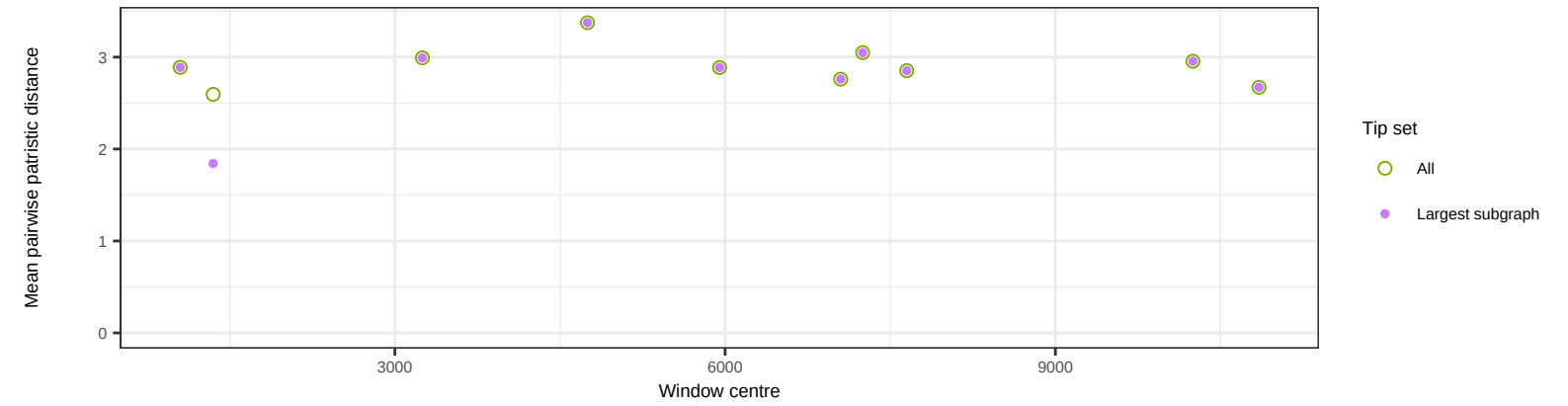

1.00
0.75
0.50
0.25
0.00
Mean pairwise patristic distance
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

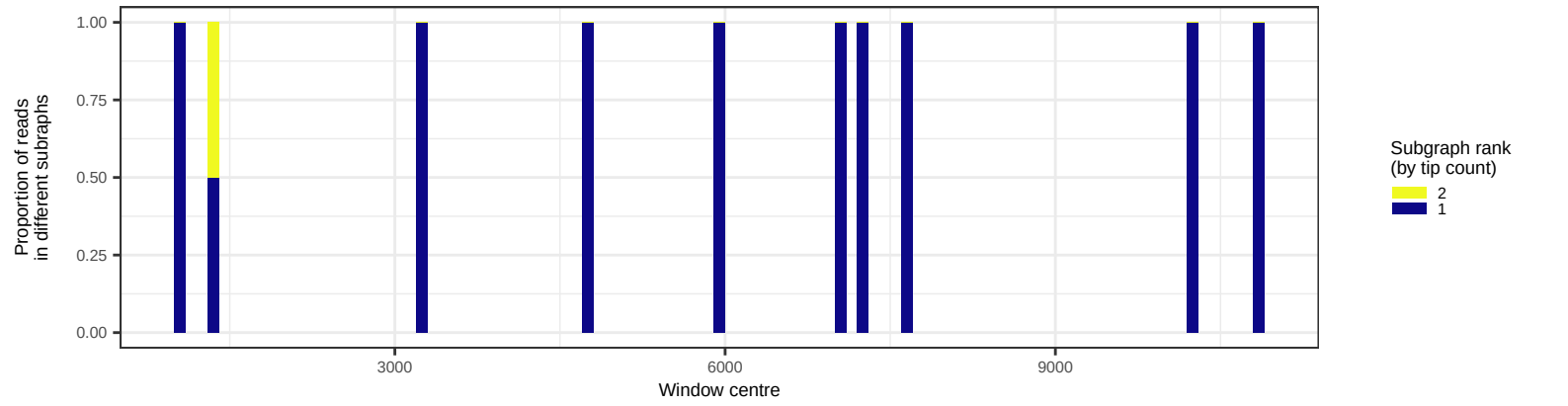

1.00
0.75
0.50
0.25
0.00
Proportion of reads
in different subraphs
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

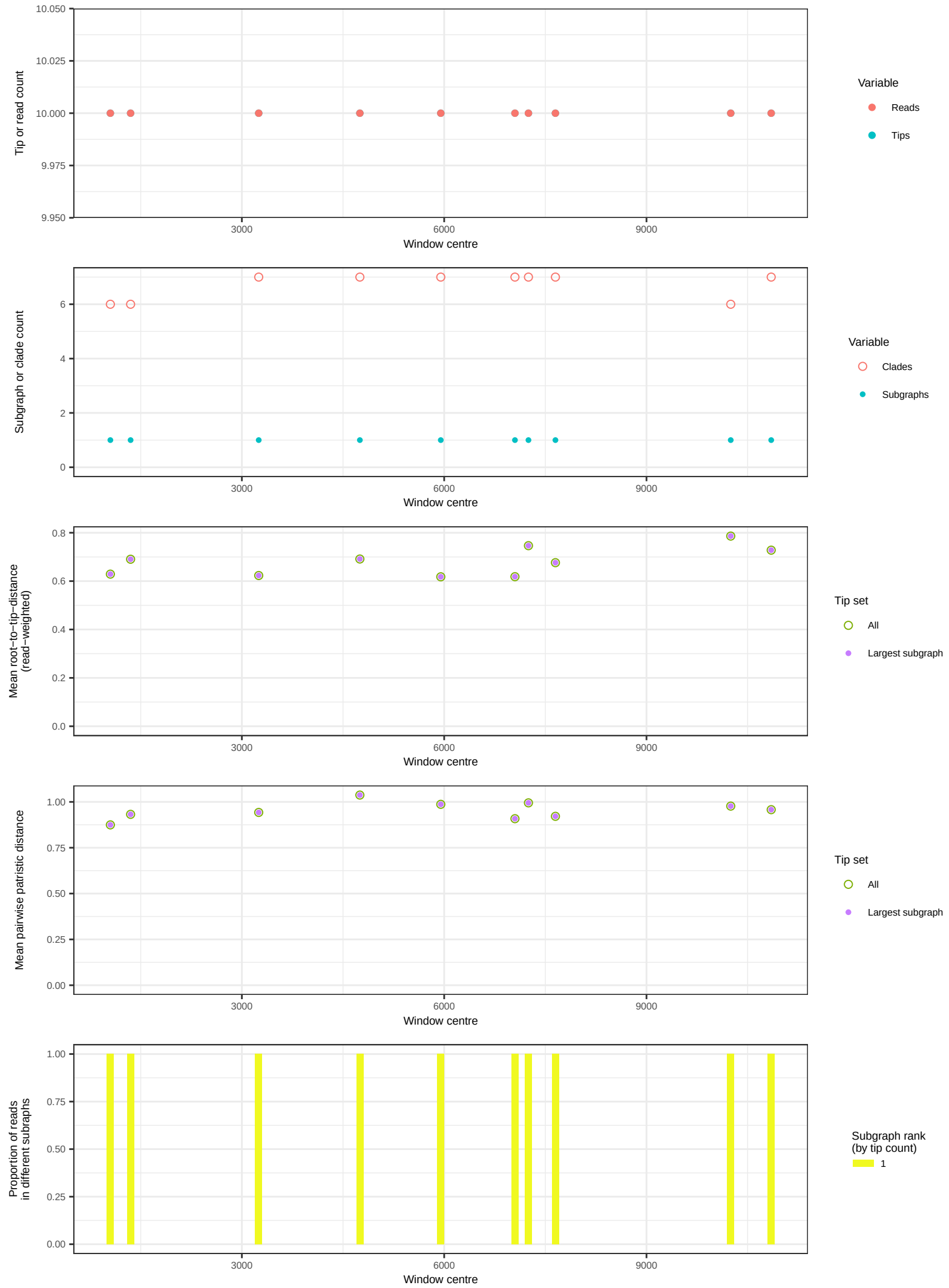

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

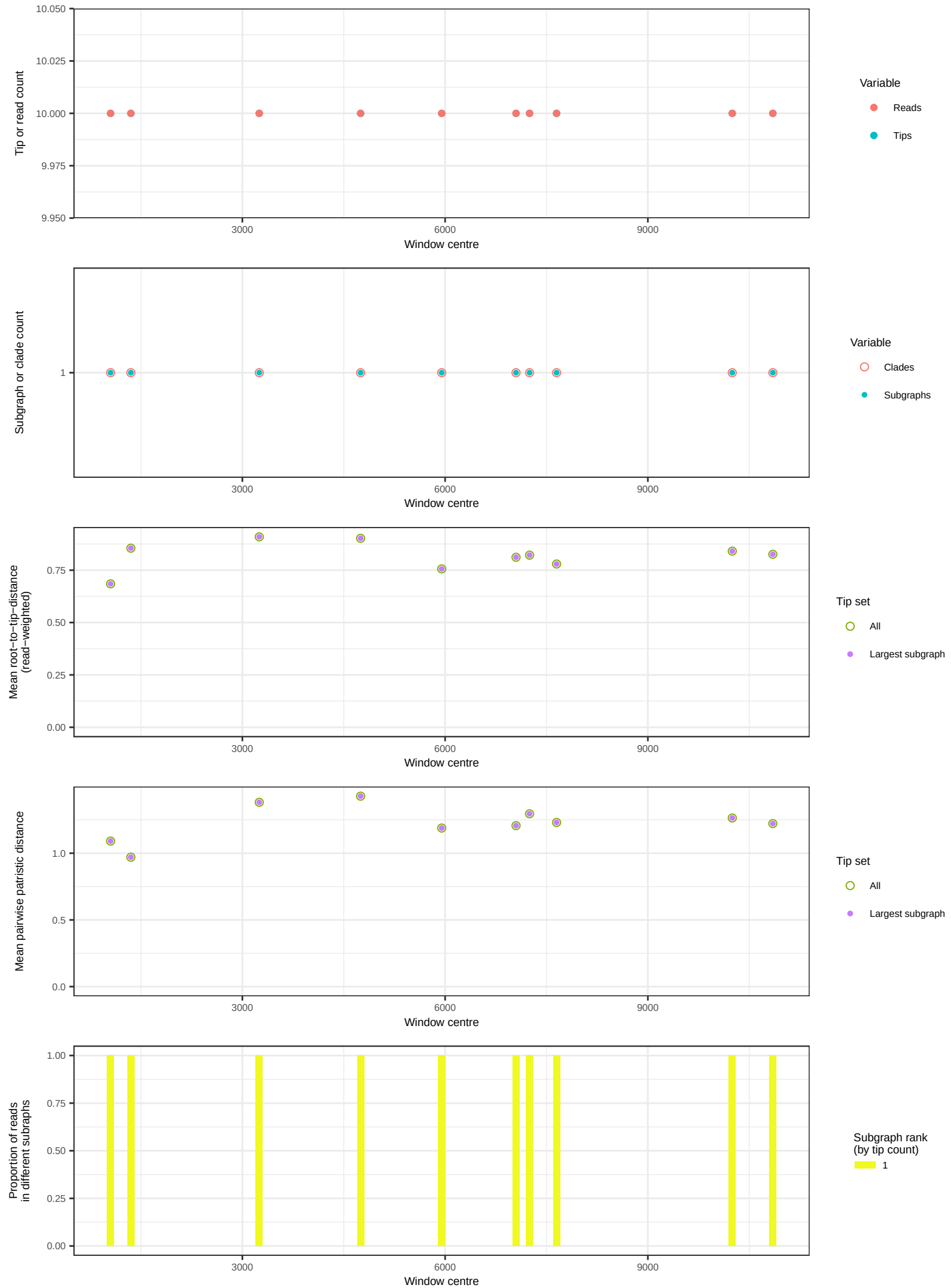

Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

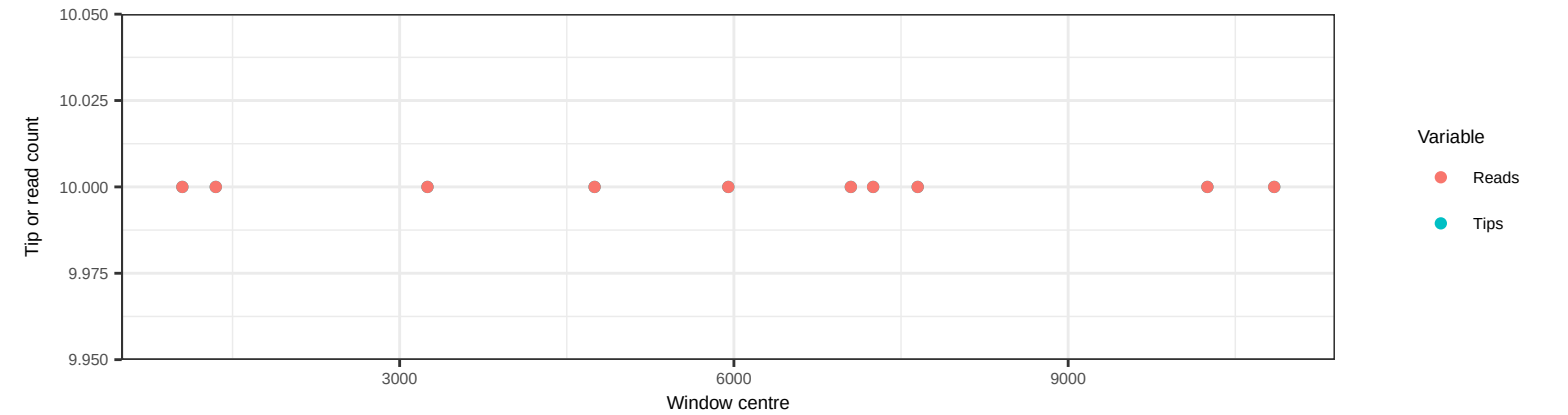

Mean root−to−tip−distance
(read−weighted)
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

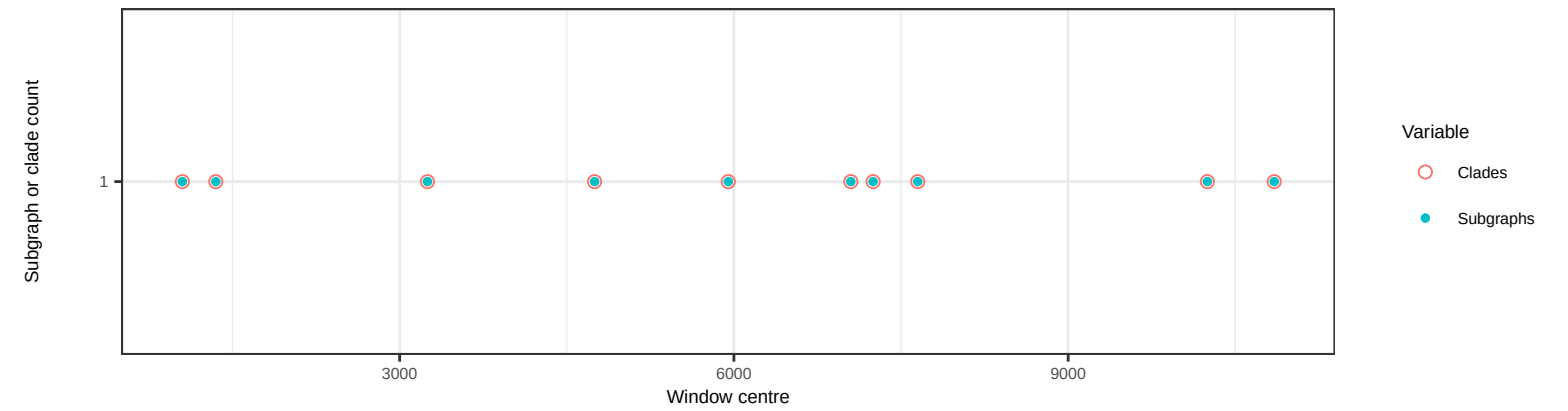

Mean pairwise patristic distance
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

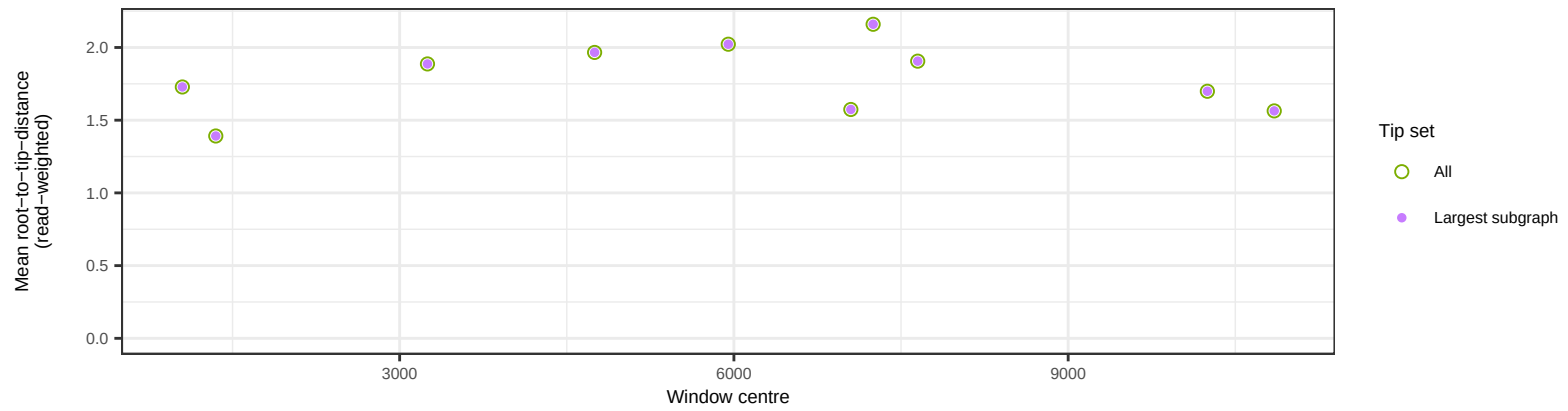

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

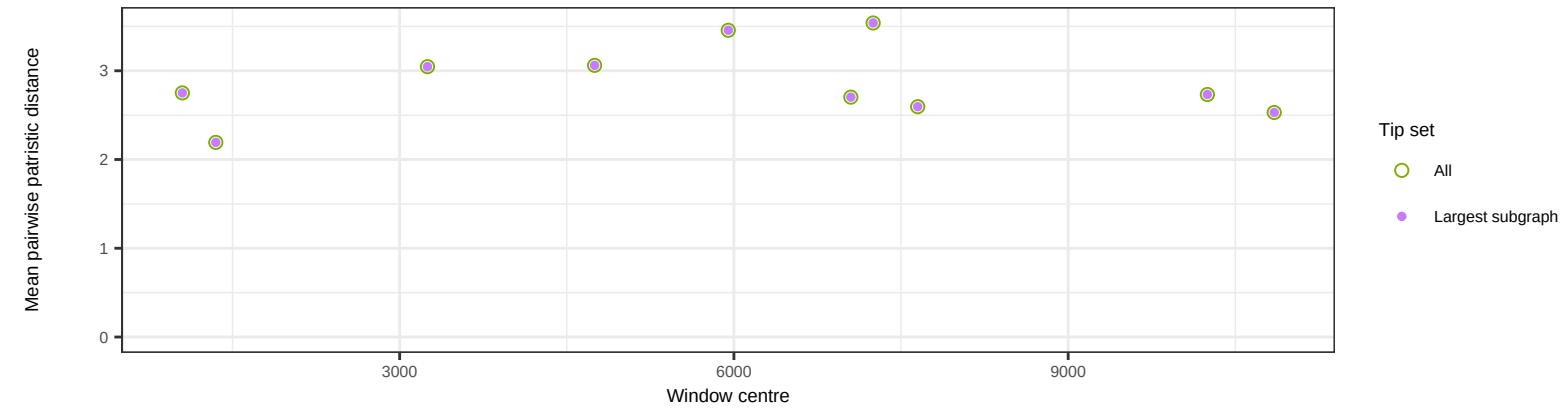

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.8
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

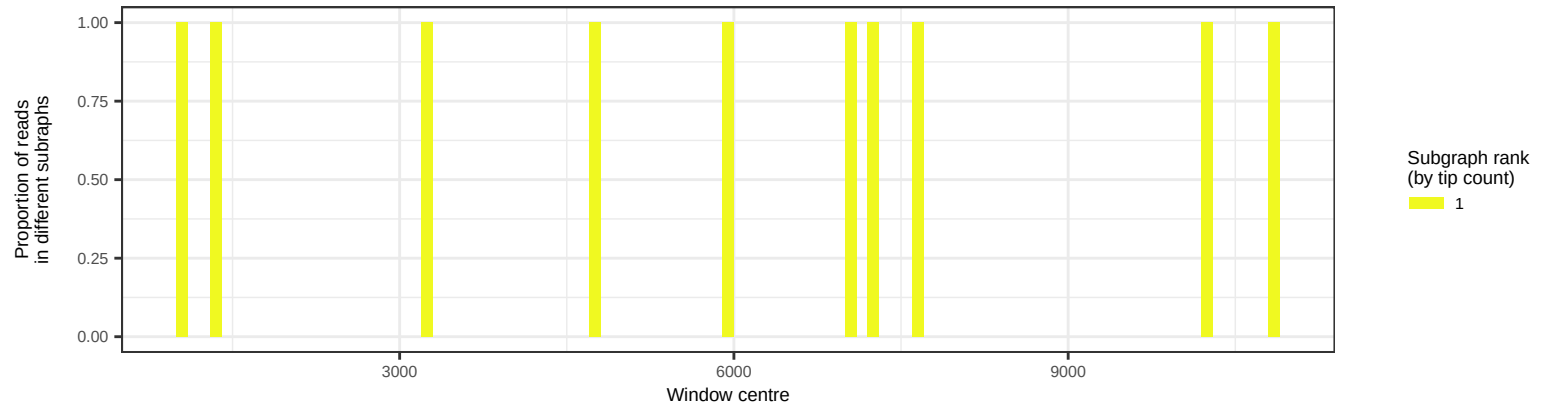

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

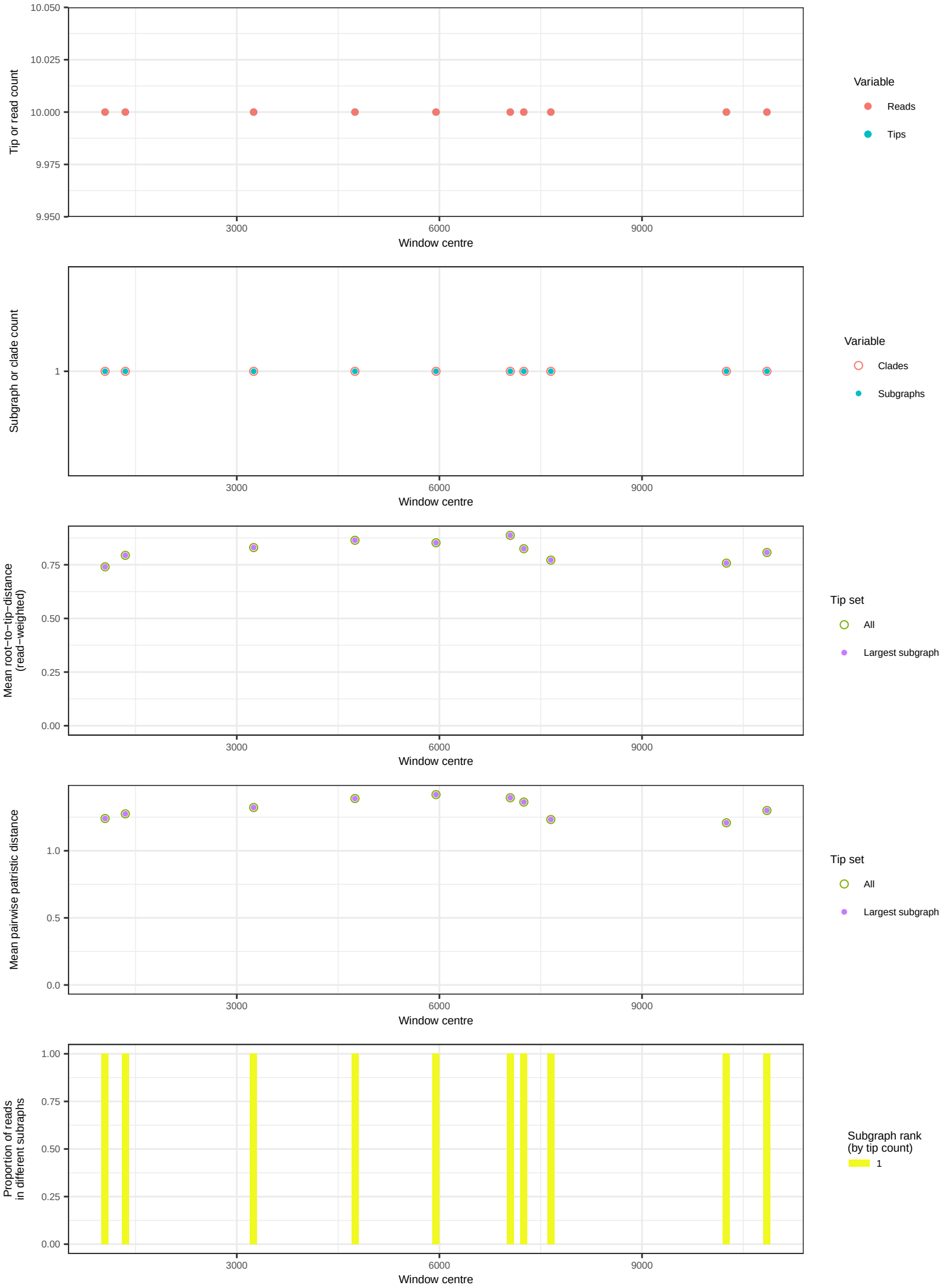

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

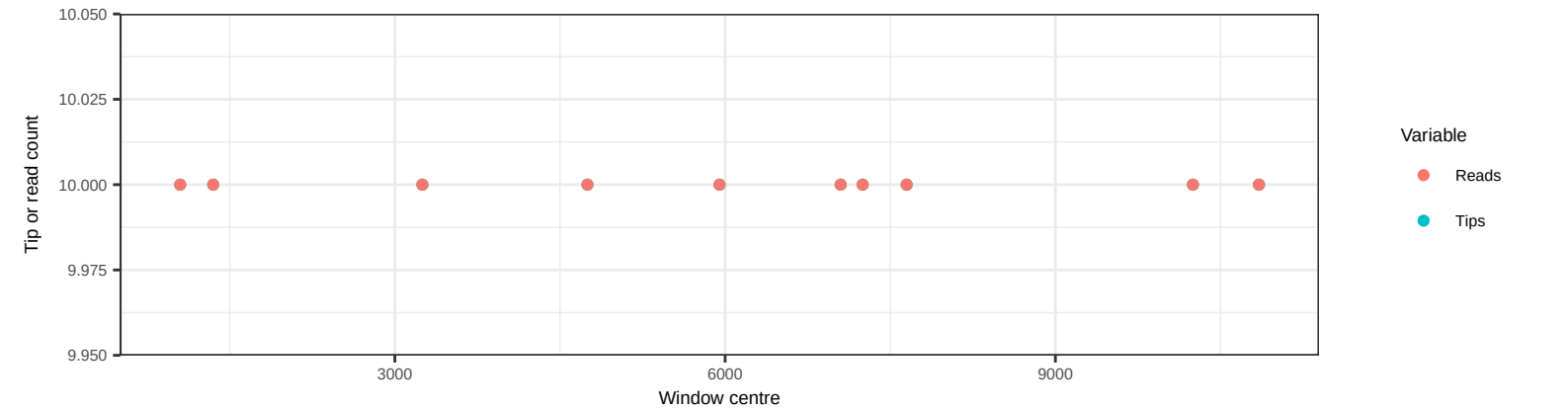

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs


Mean root−to−tip−distance
(read−weighted)
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Mean pairwise patristic distance
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1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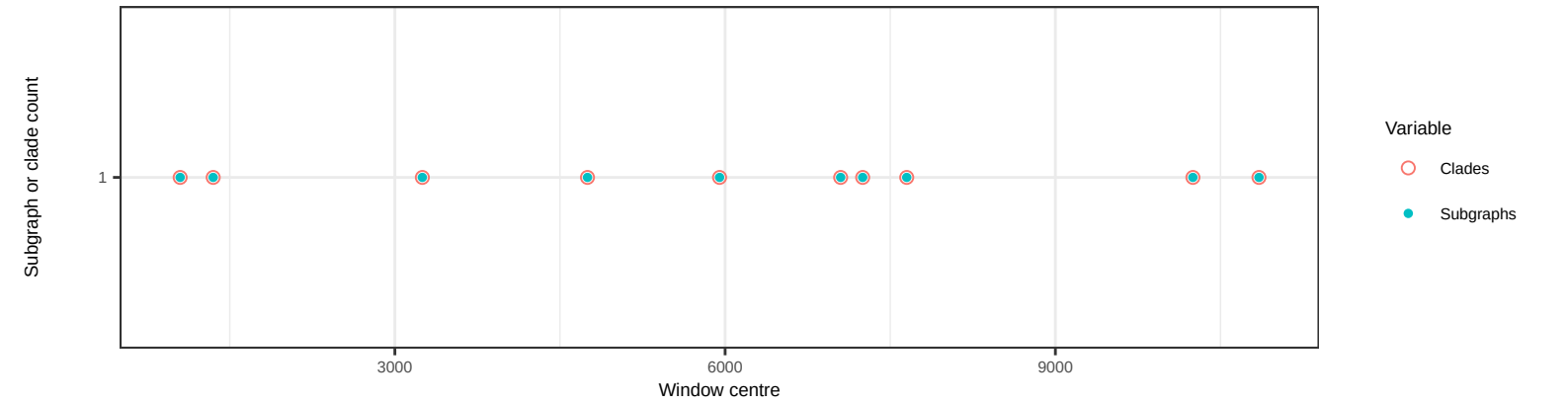
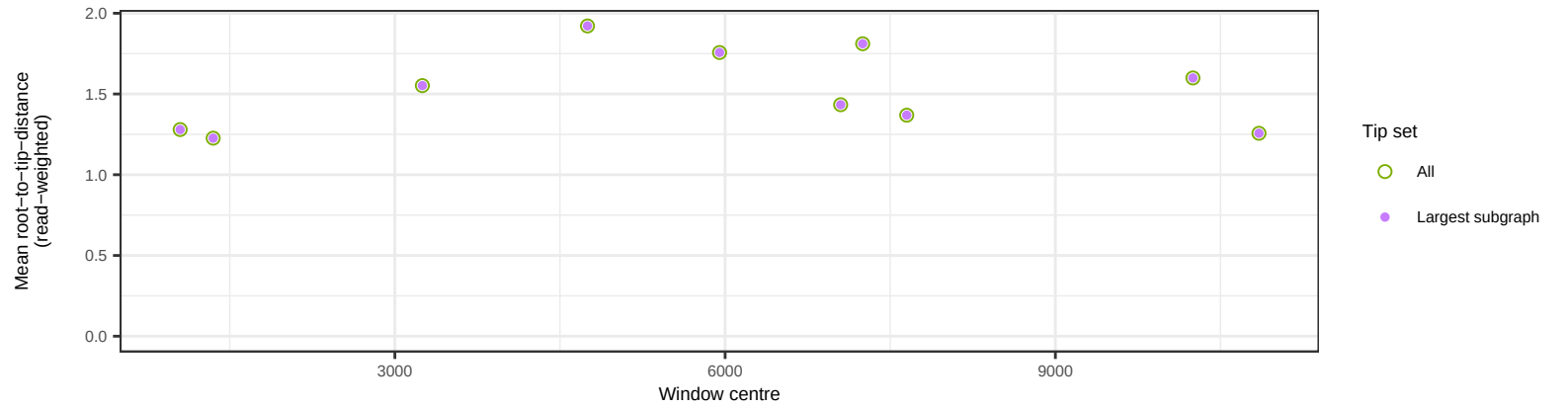
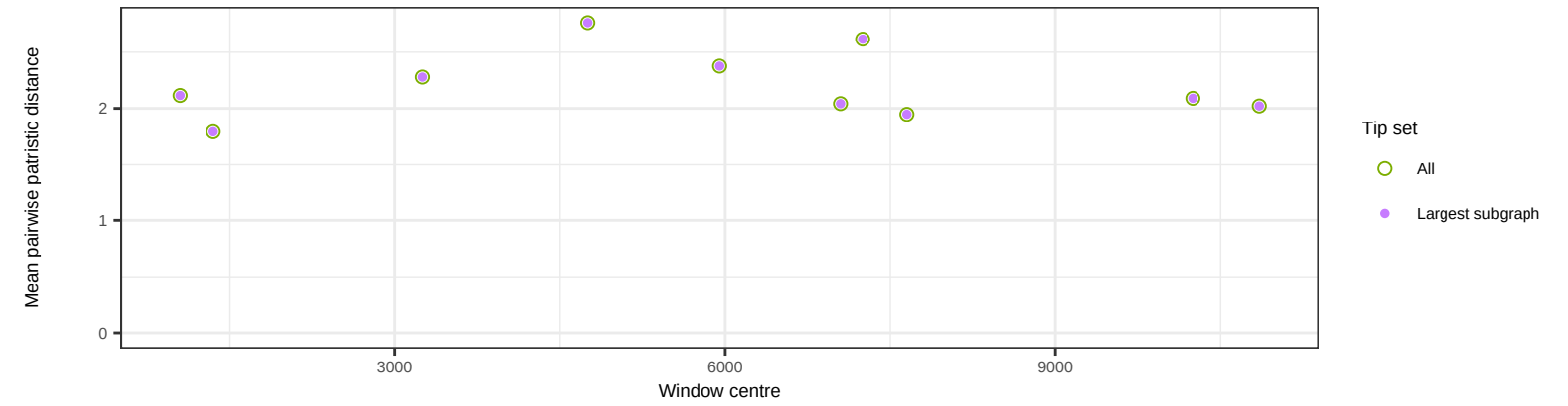
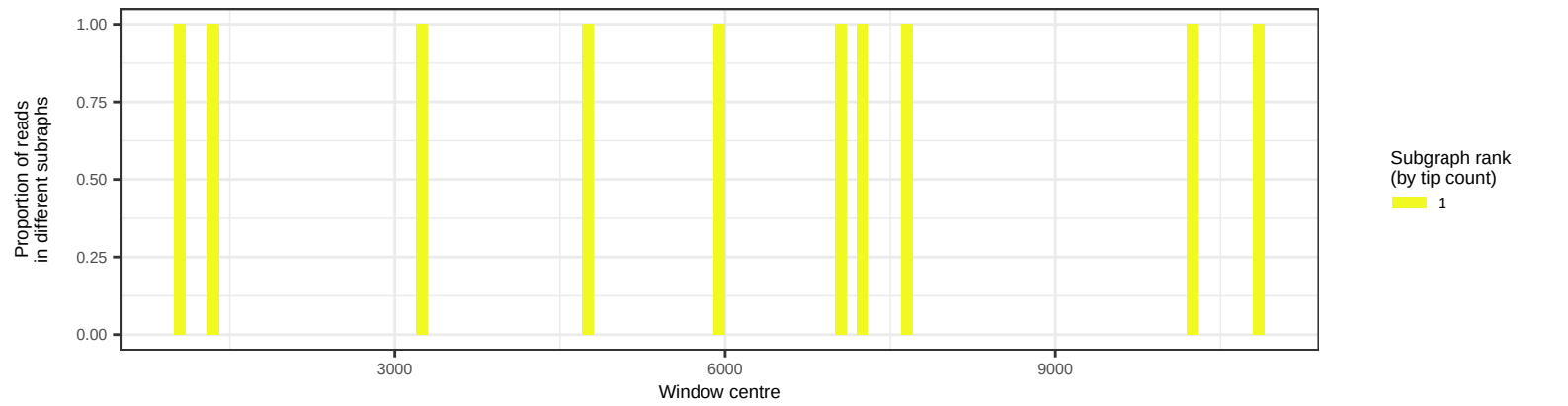
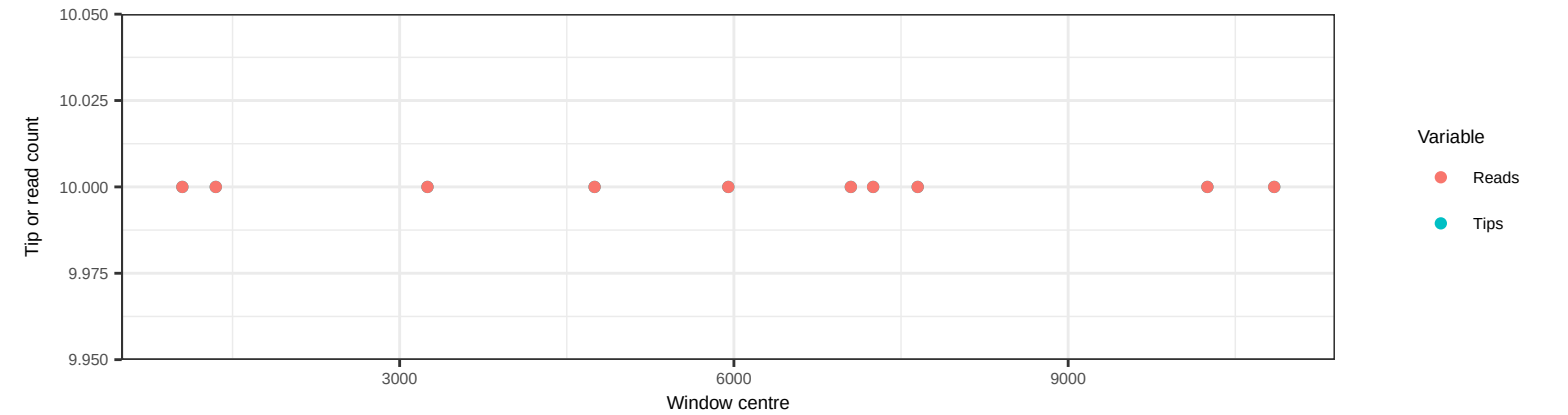
10.000
9.975
9.950
Tip or read count
3000
6000
9000
Window centre
Variable
Reads
Tips

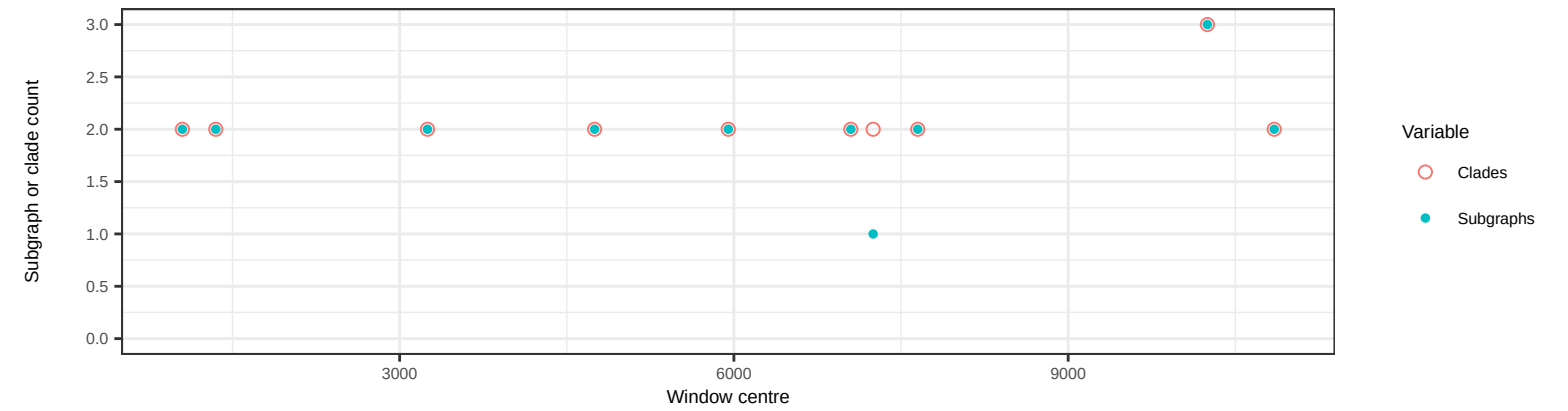

1
Subgraph or clade count
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

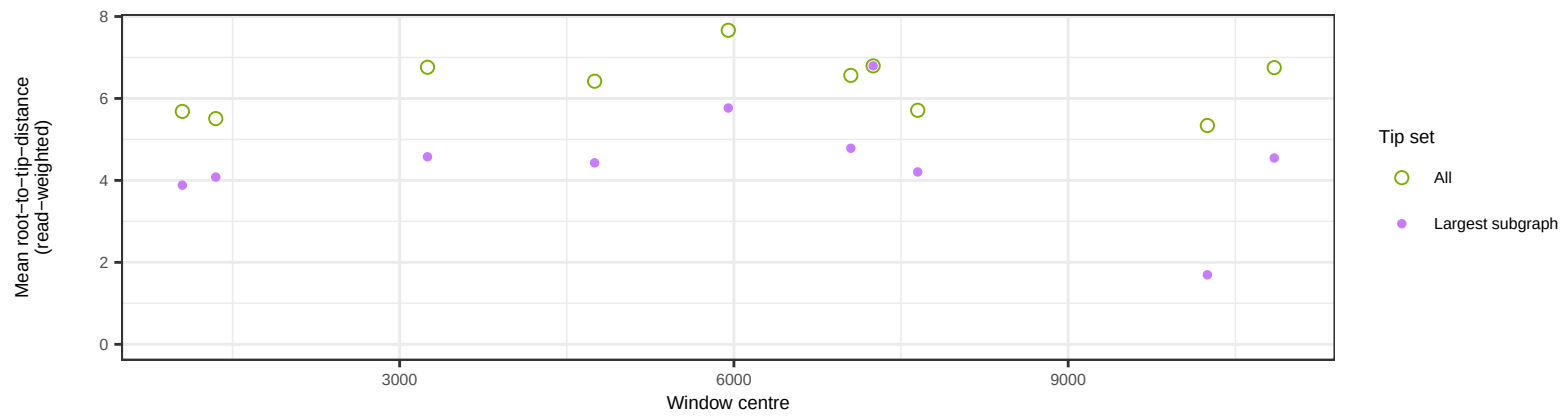

2.0
1.5
1.0
0.5
0.0
Mean root−to−tip−distance
(read−weighted)
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

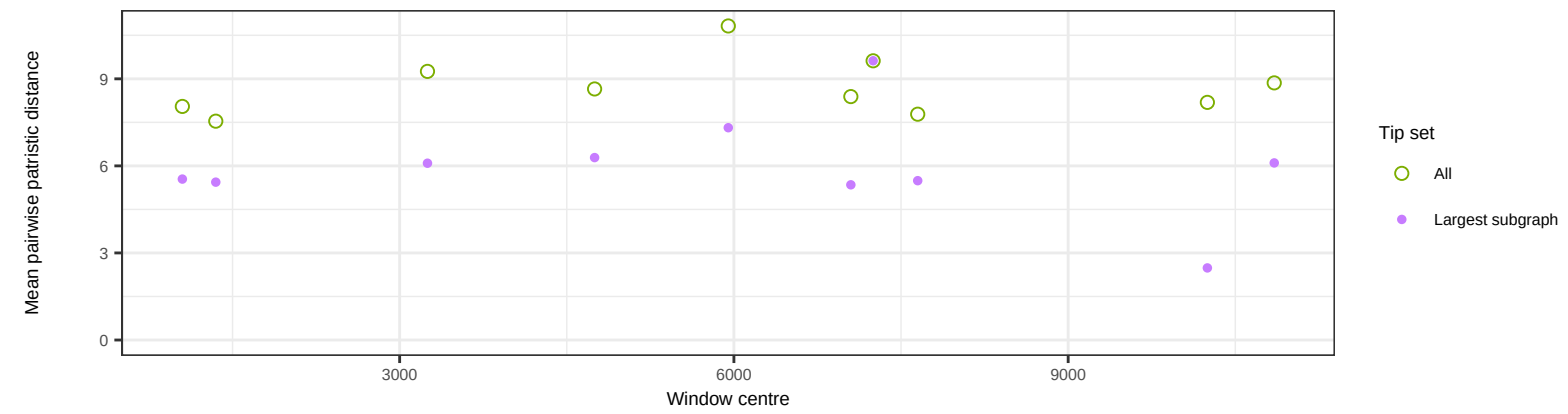

2
1
0
Mean pairwise patristic distance
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

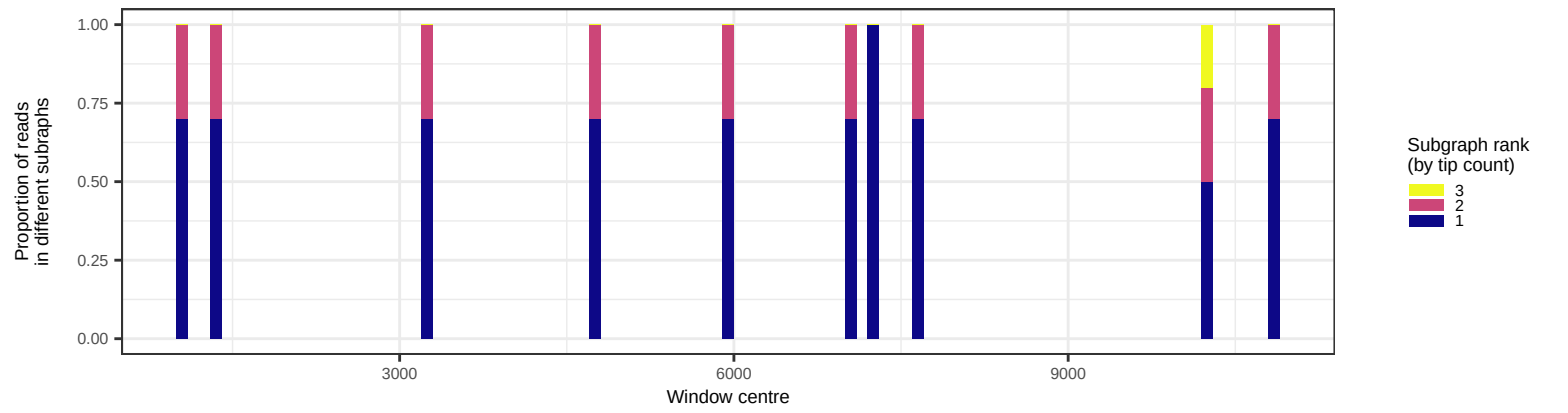

1.00
0.75
0.50
0.25
0.00
Proportion of reads
in different subraphs
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

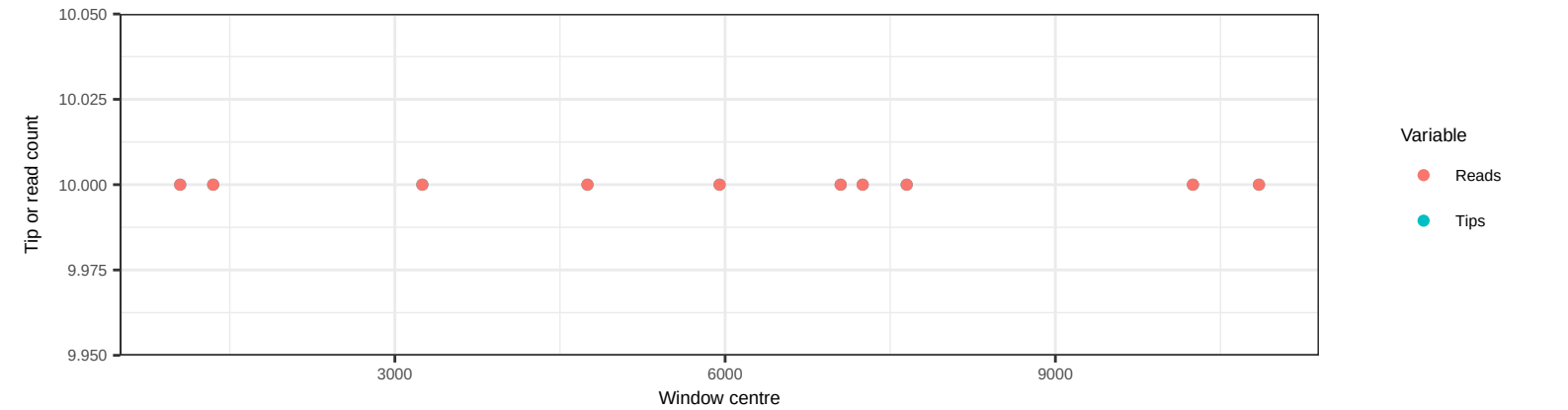

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

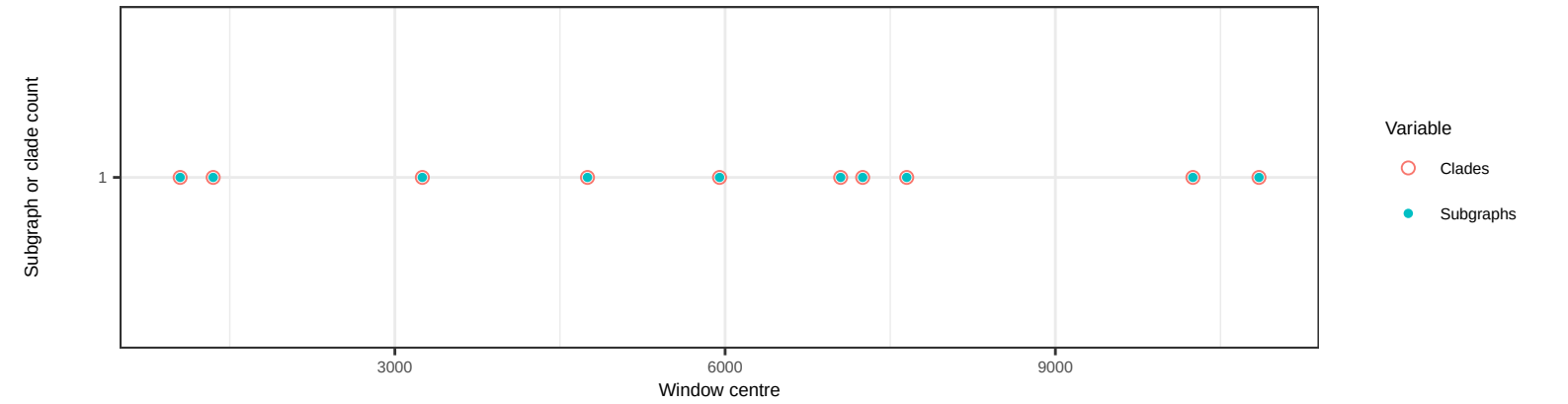

Subgraph or clade count
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

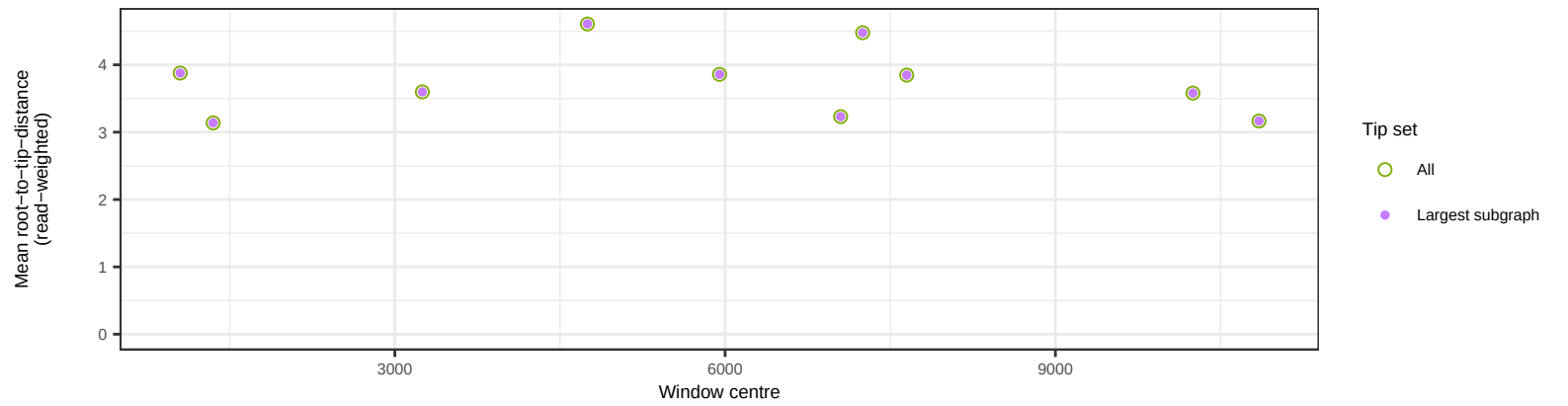

Mean root−to−tip−distance
(read−weighted)
8
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

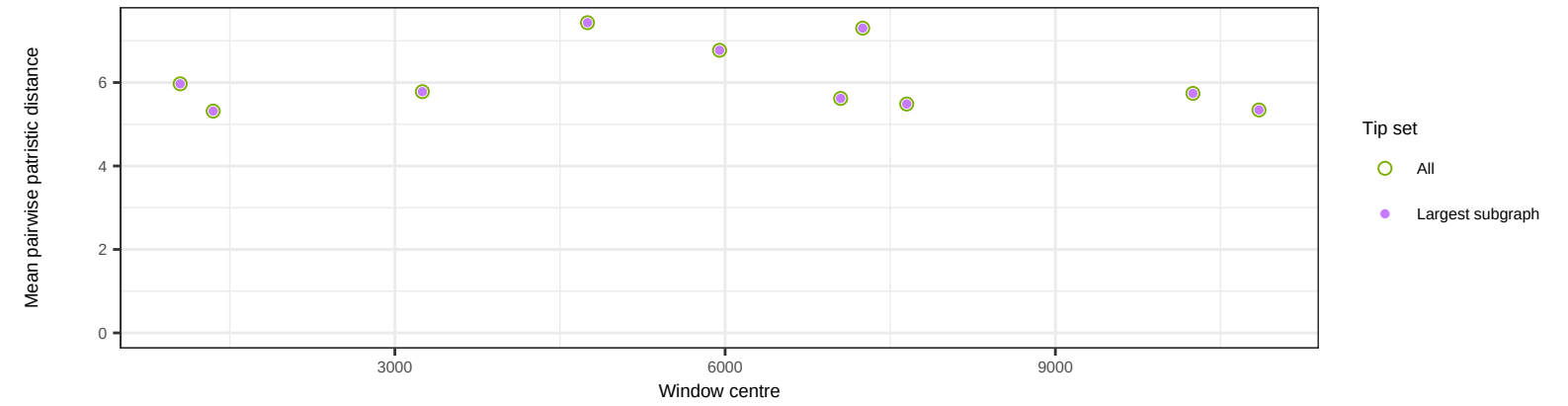

Mean pairwise patristic distance
9
6
3
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

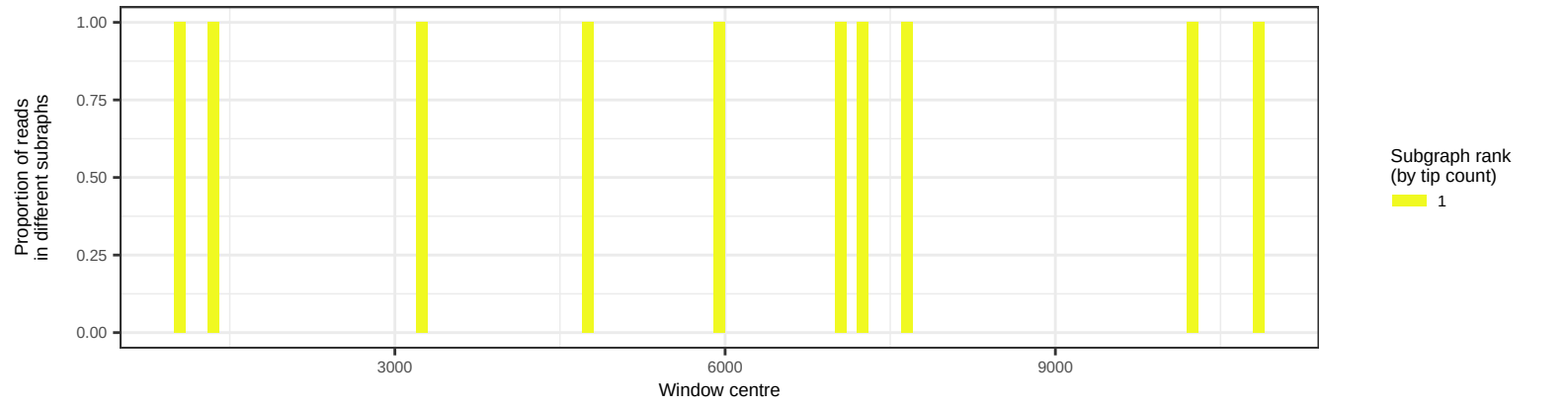

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
3
2
1

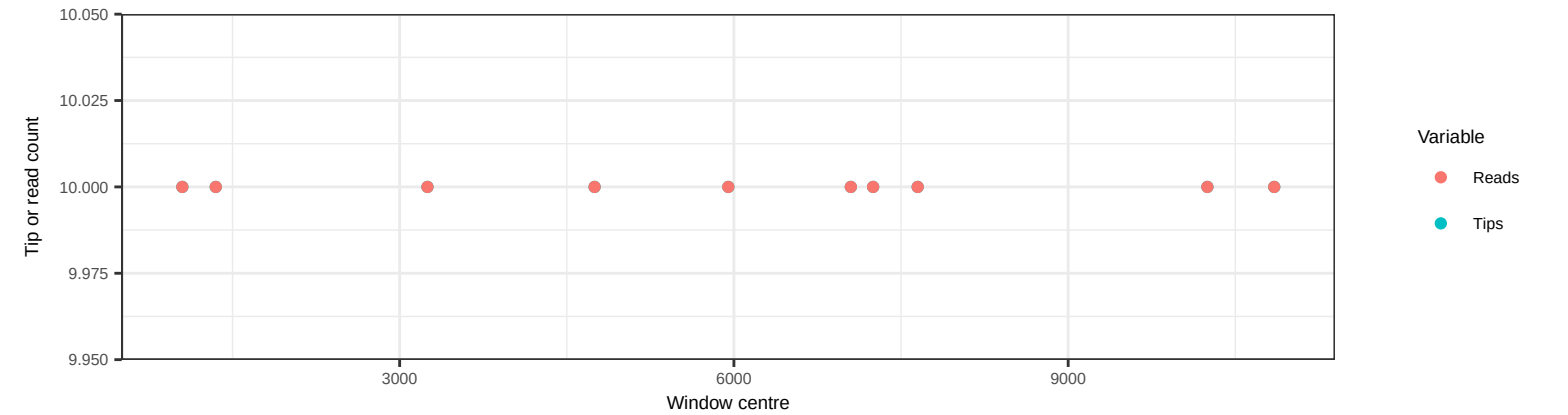

10.050
10.025
10.000
9.975
9.950
Tip or read count
3000
6000
9000
Window centre
Variable
Reads
Tips

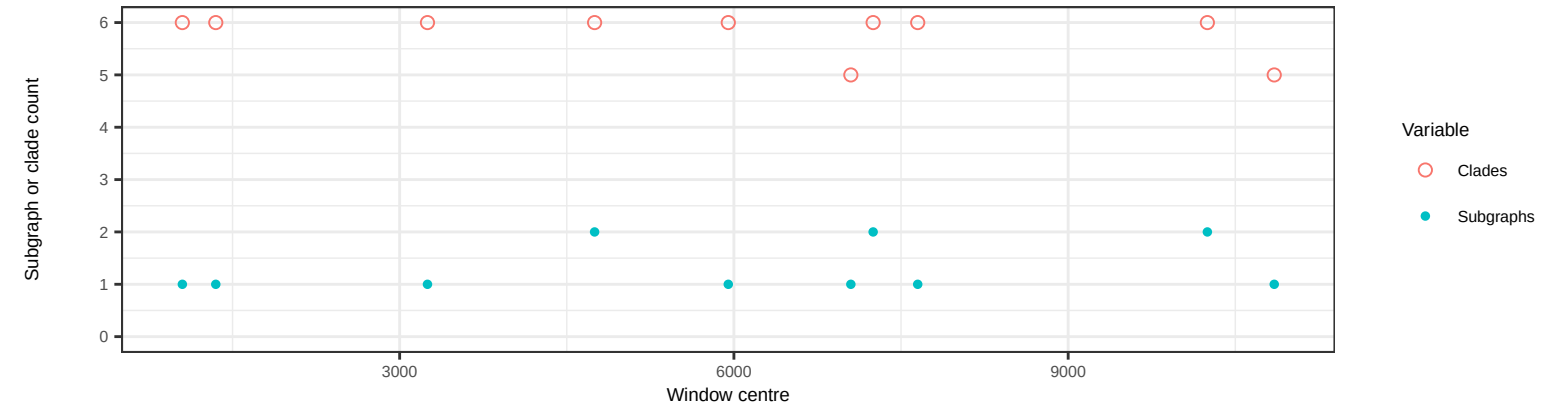

1
Subgraph or clade count
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

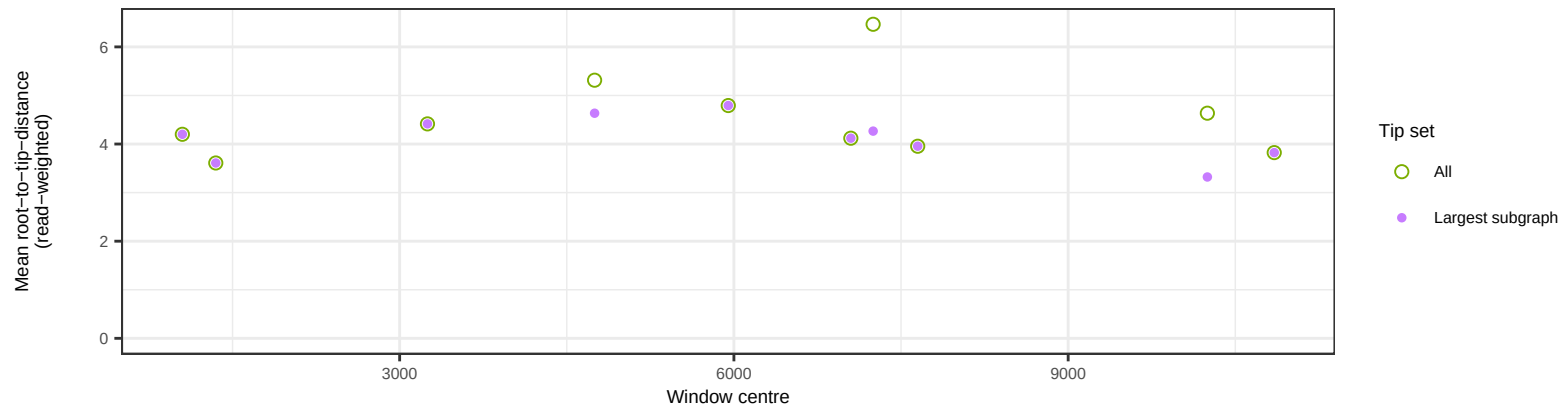

4
3
2
1
0
Mean root−to−tip−distance
(read−weighted)
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

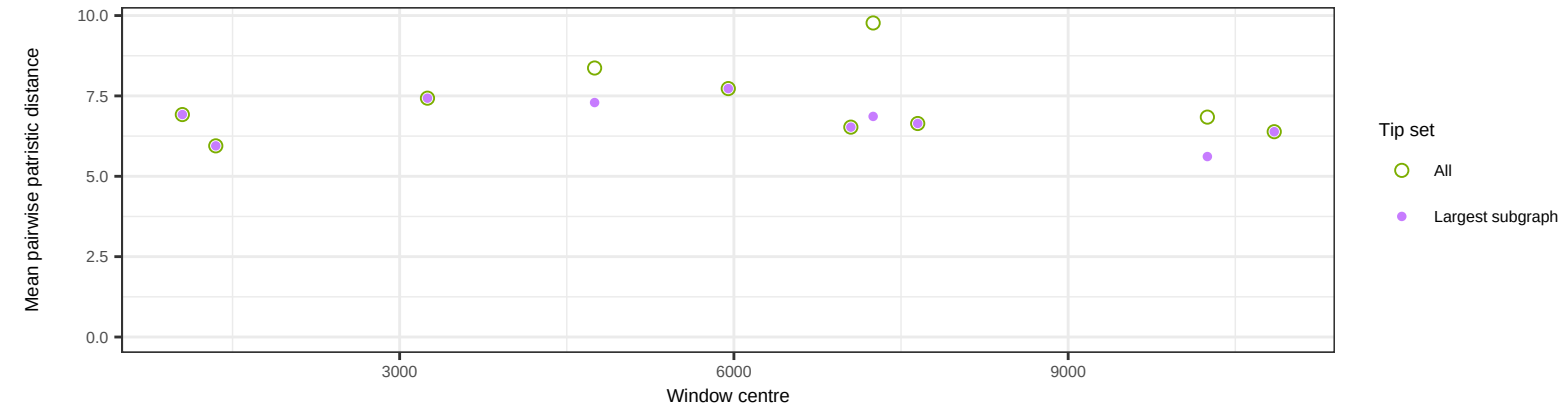

6
4
2
0
Mean pairwise patristic distance
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

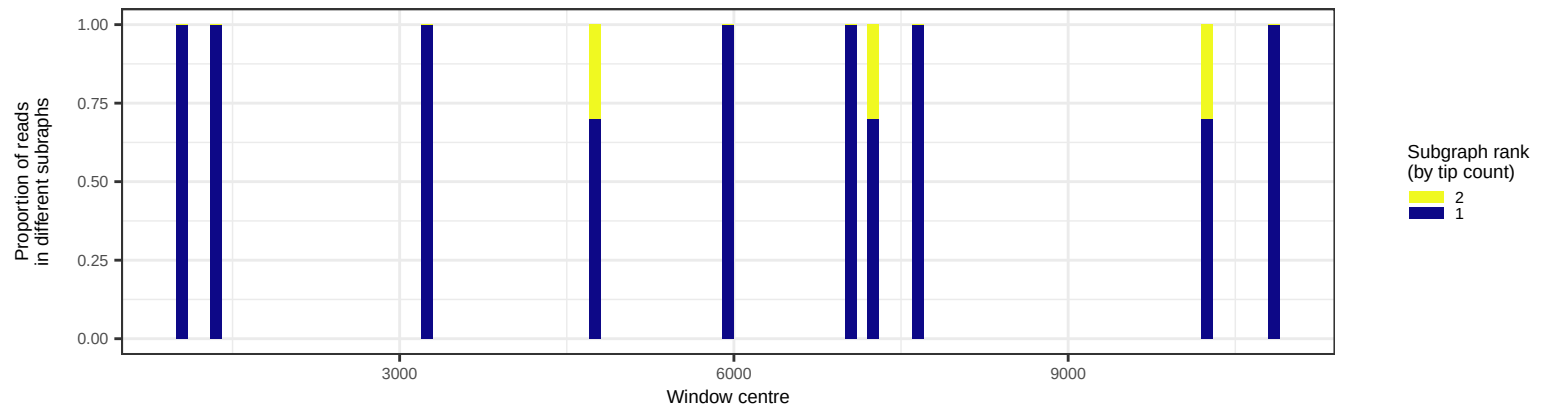

1.00
0.75
0.50
0.25
0.00
Proportion of reads
in different subraphs
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

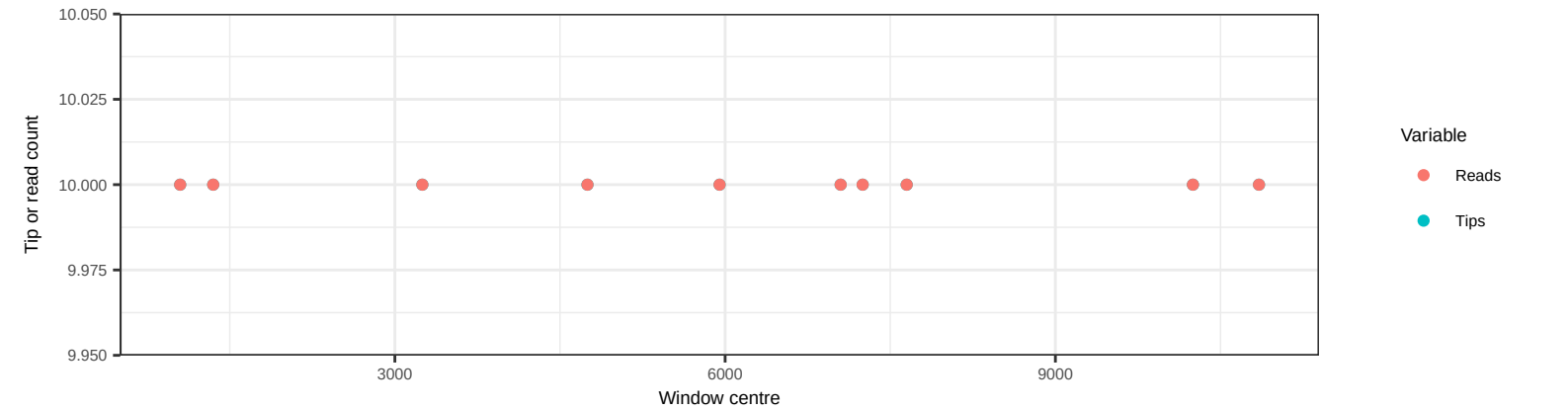

Subgraph or clade count
6
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

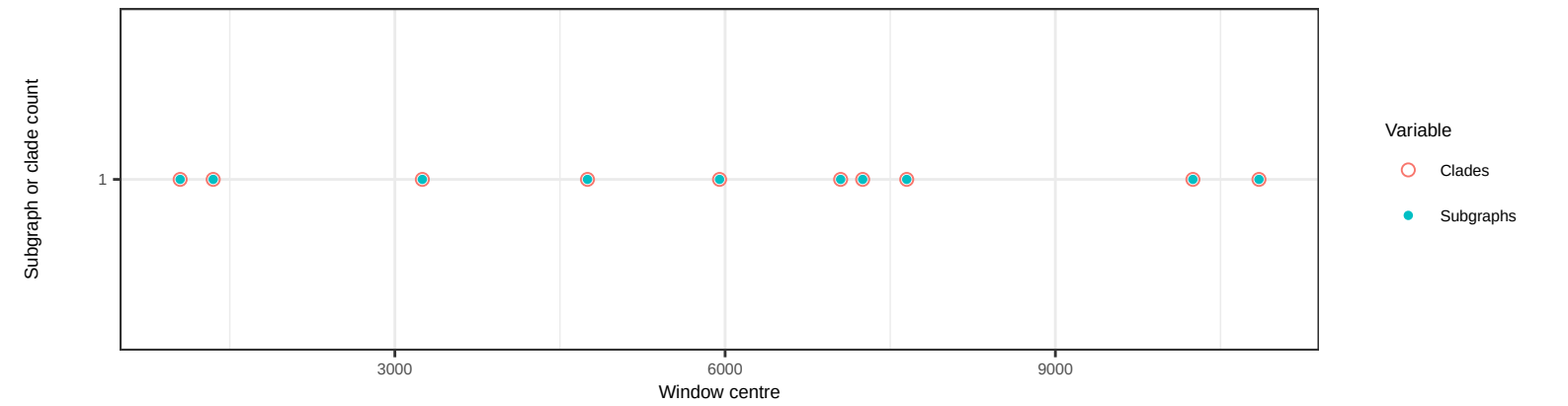

Mean root−to−tip−distance
(read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

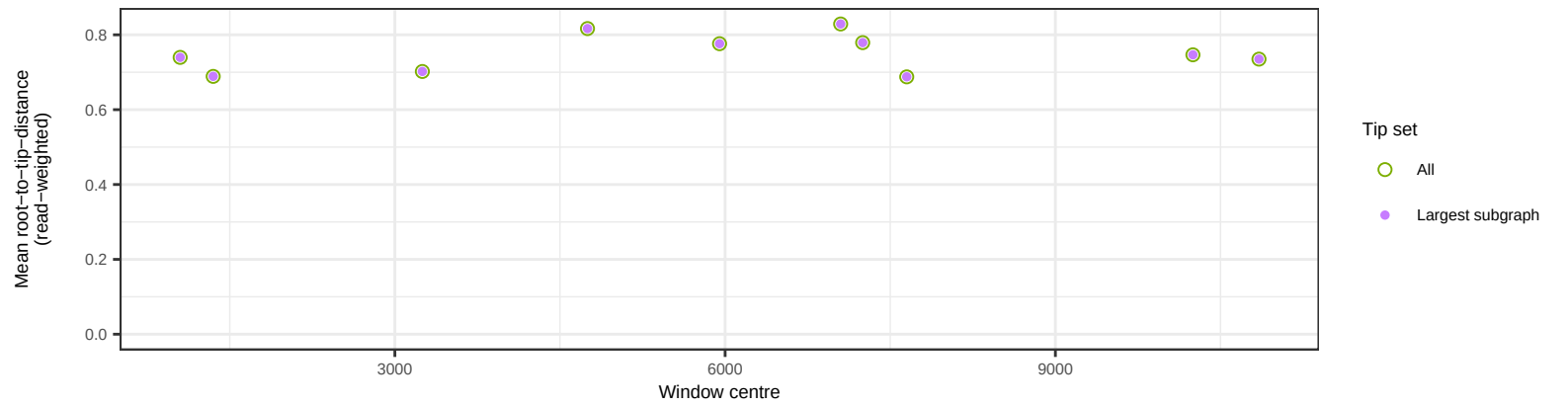

Mean pairwise patristic distance
10.0
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

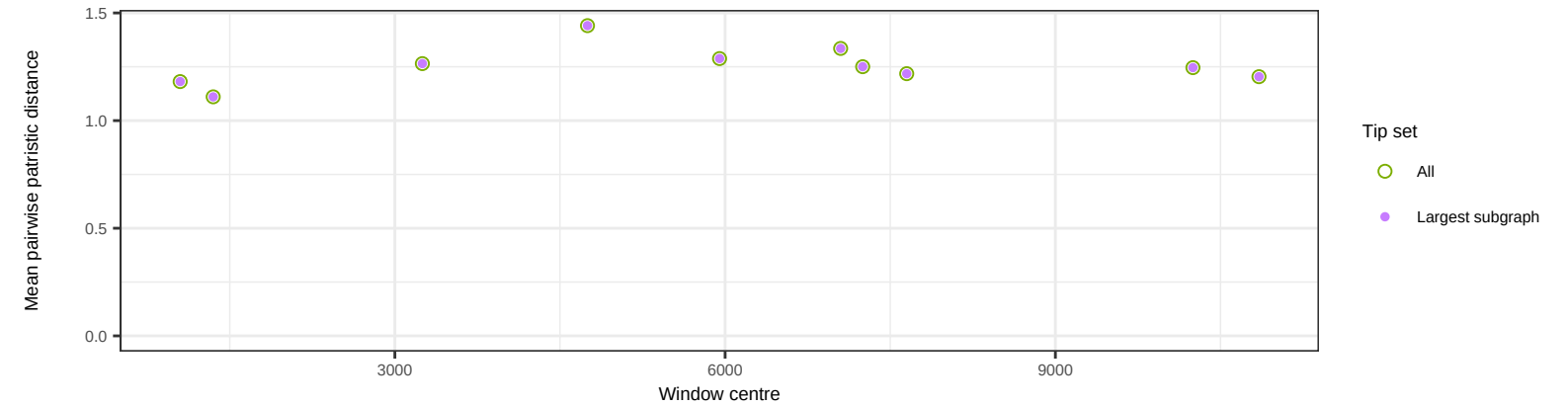

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

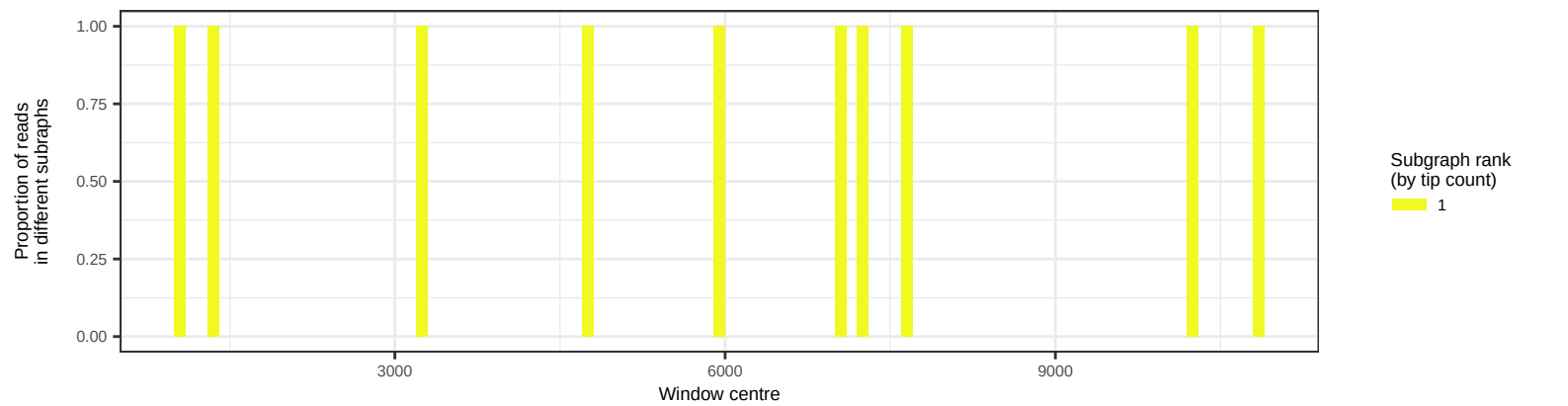
782


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

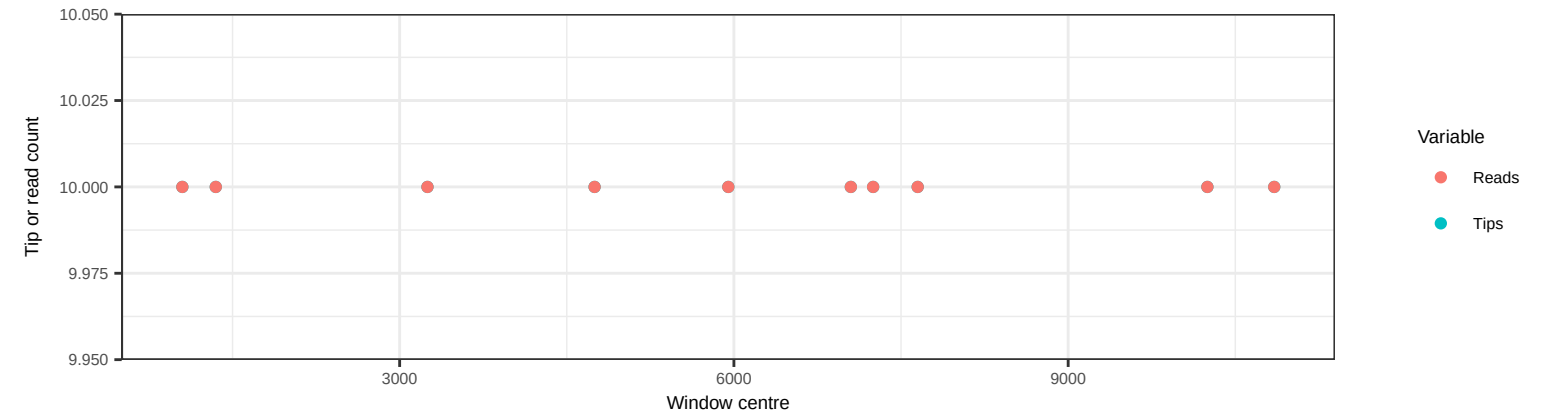

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

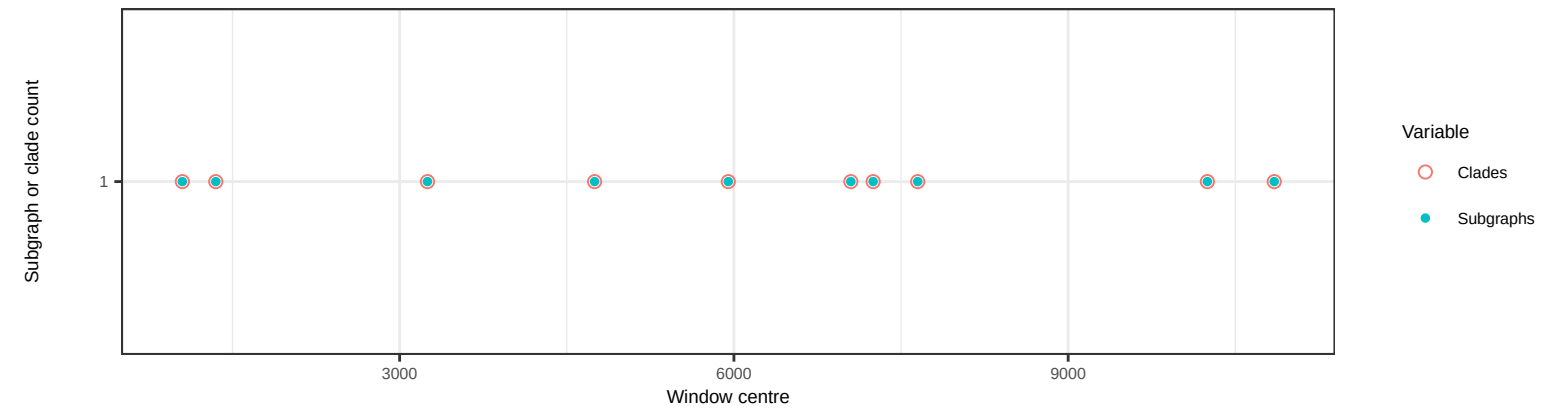

Mean root−to−tip−distance
(read−weighted)
0.8
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

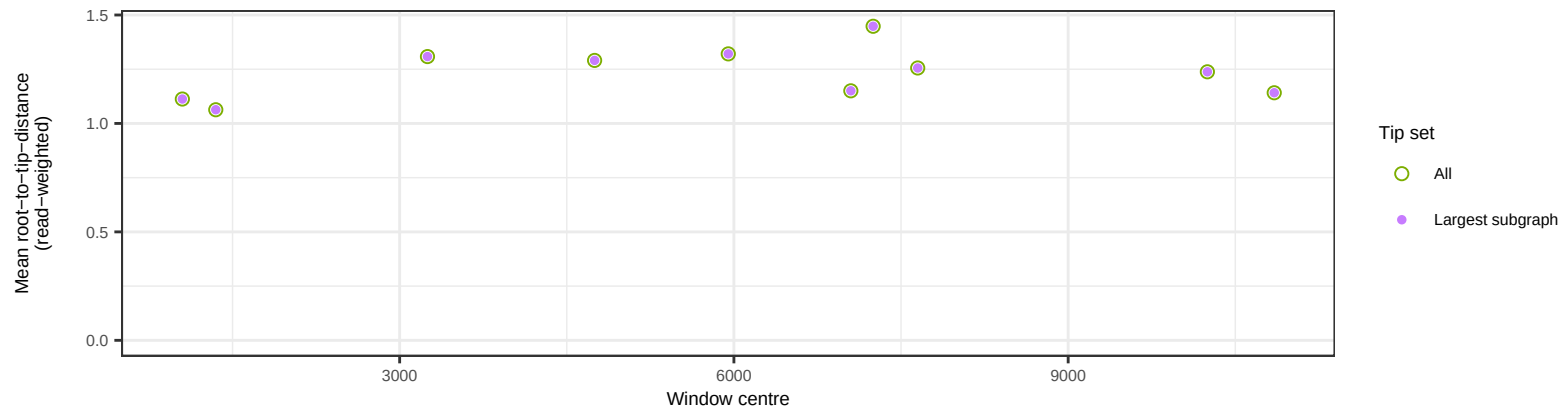

Mean pairwise patristic distance
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

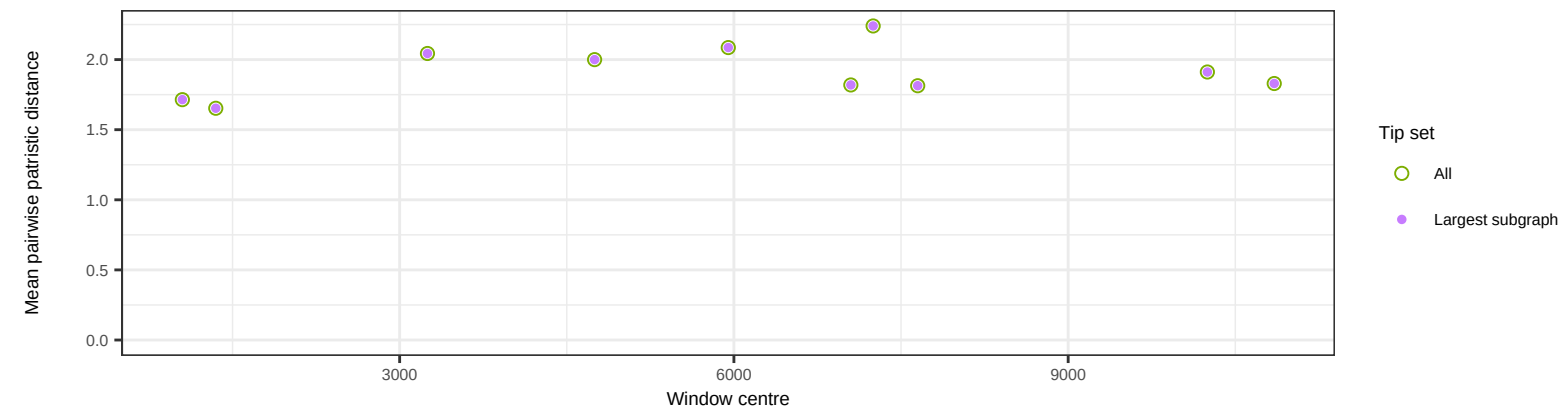

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

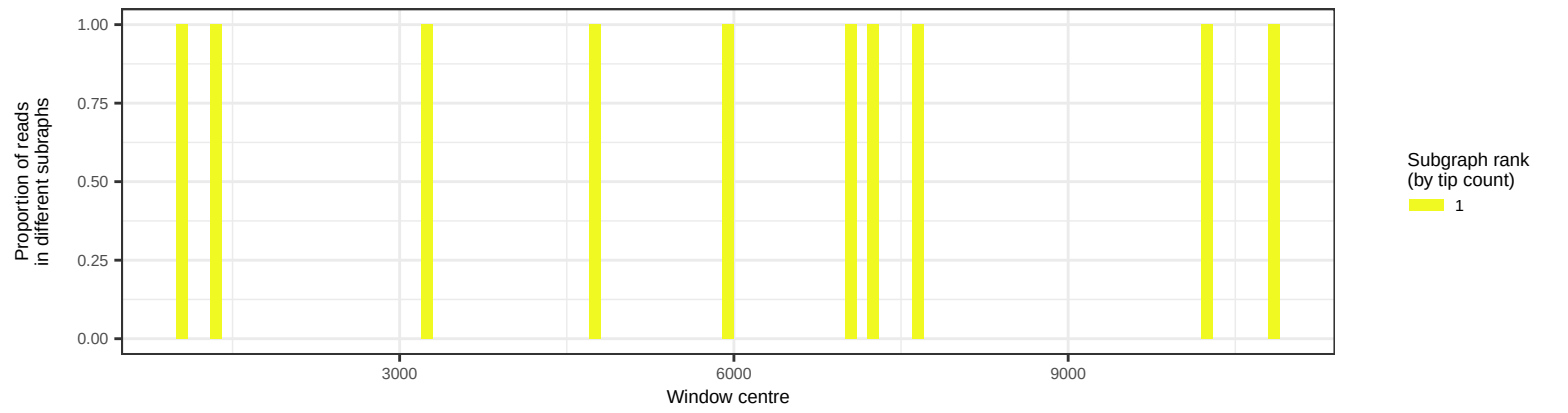
797


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

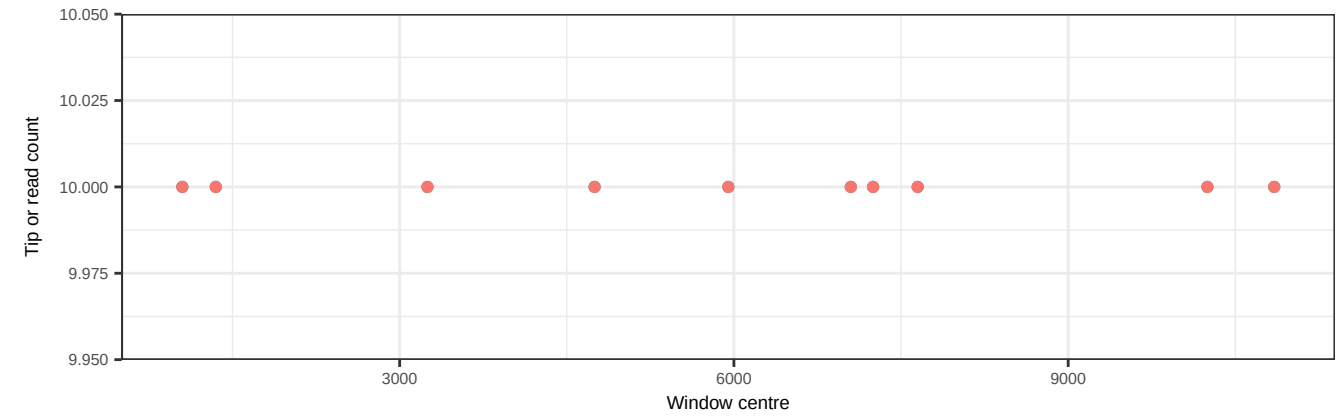

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

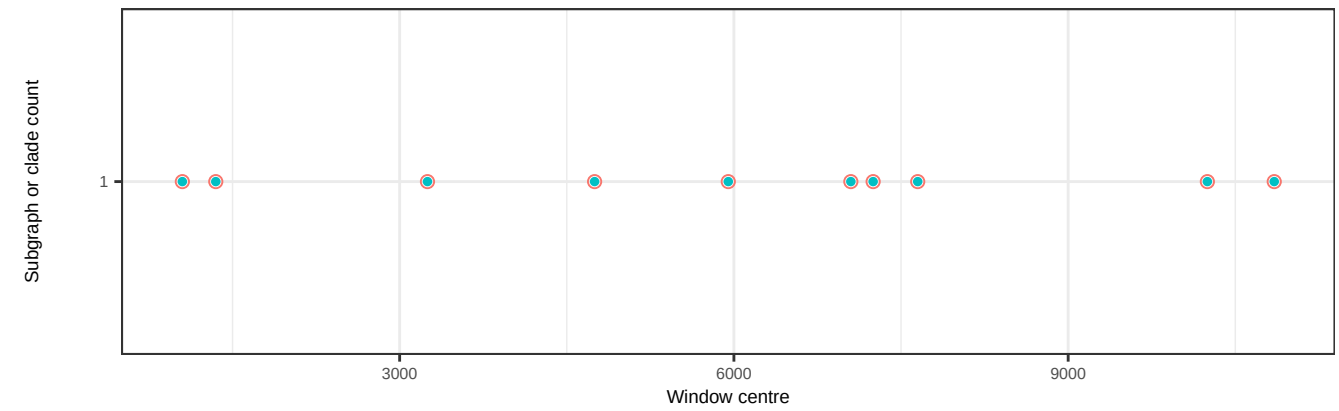

Mean root−to−tip−distance
(read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

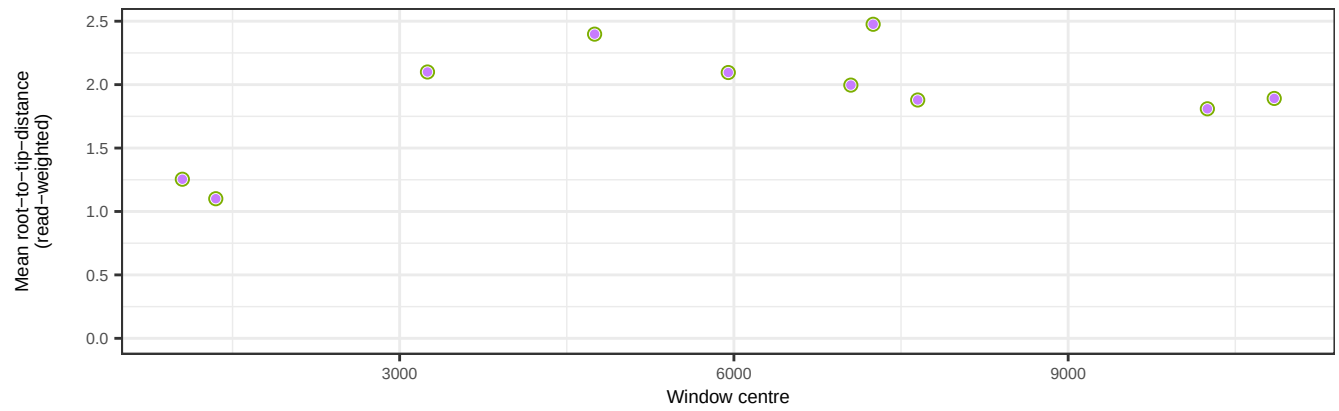

Mean pairwise patristic distance
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

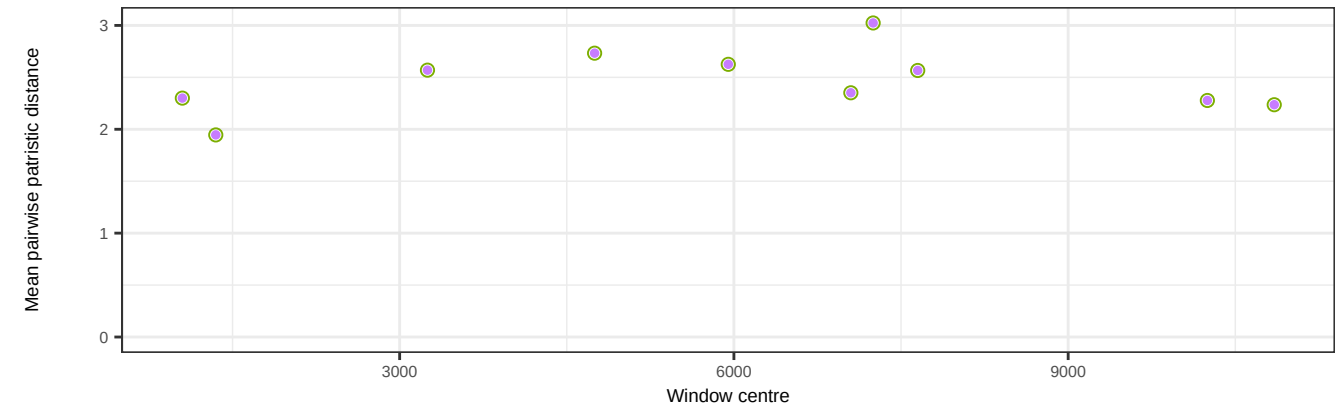

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

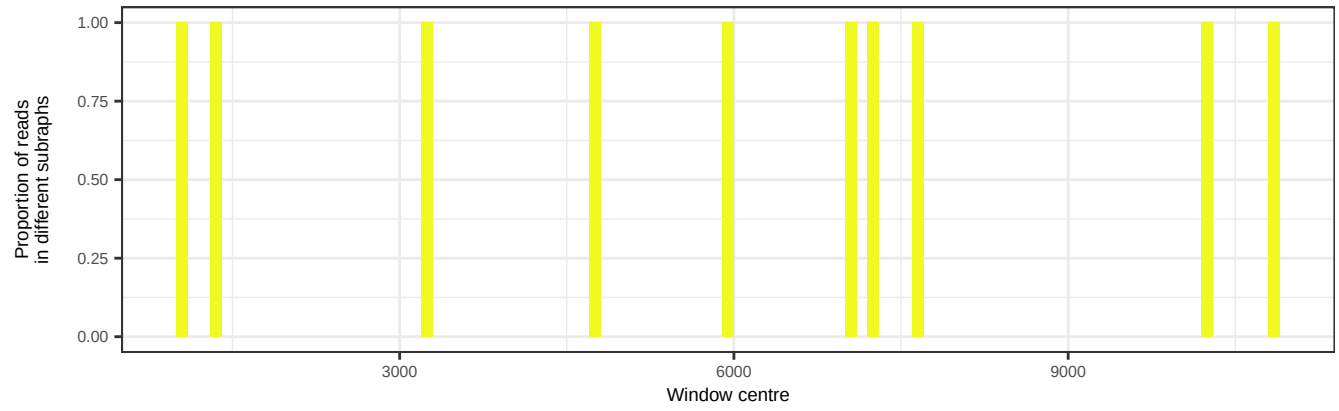
806


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

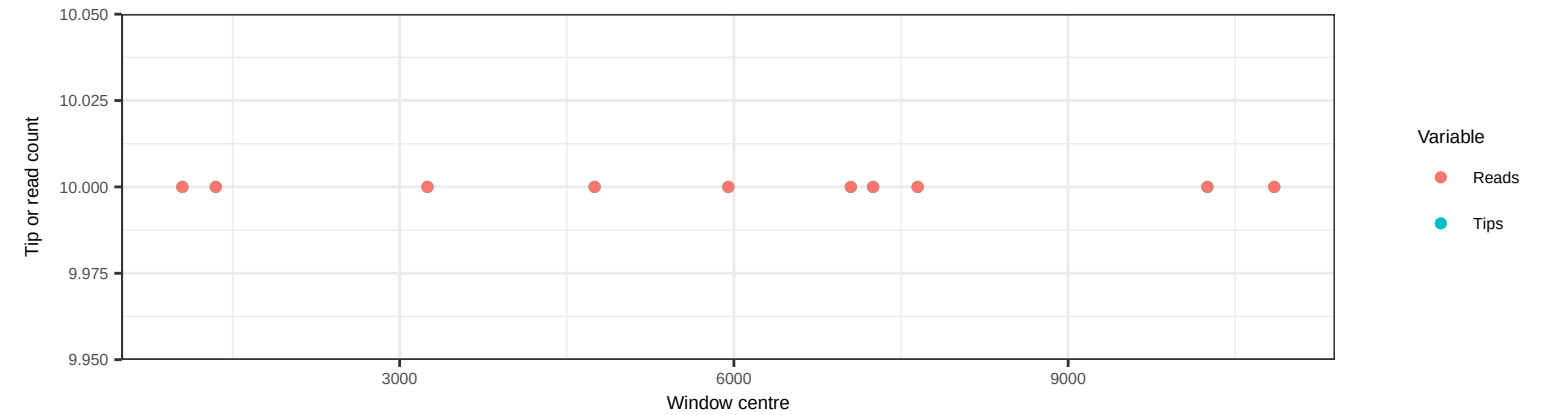

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

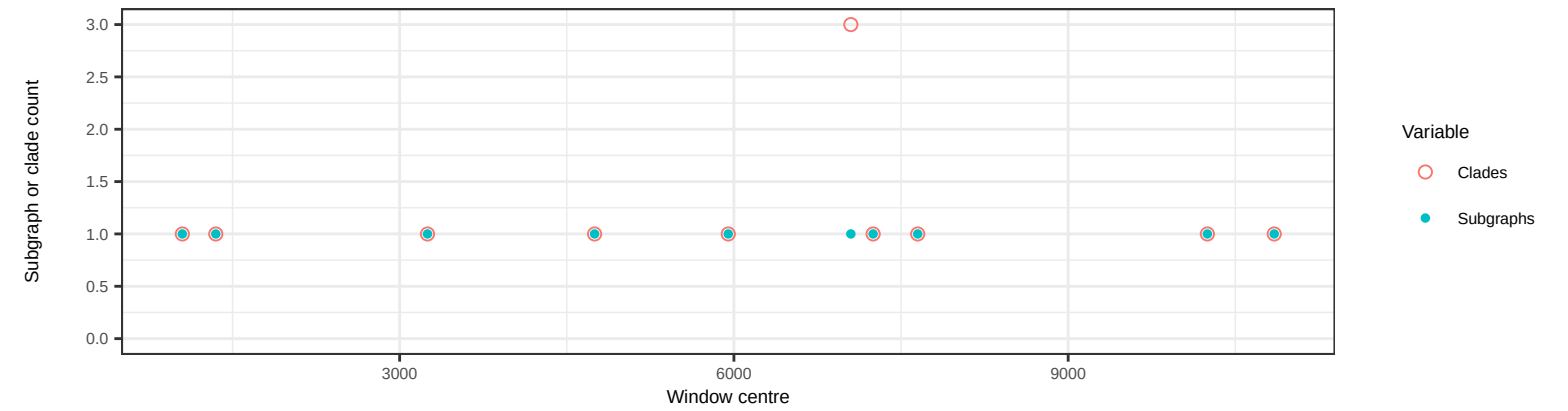

Mean root−to−tip−distance
(read−weighted)
2.5
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

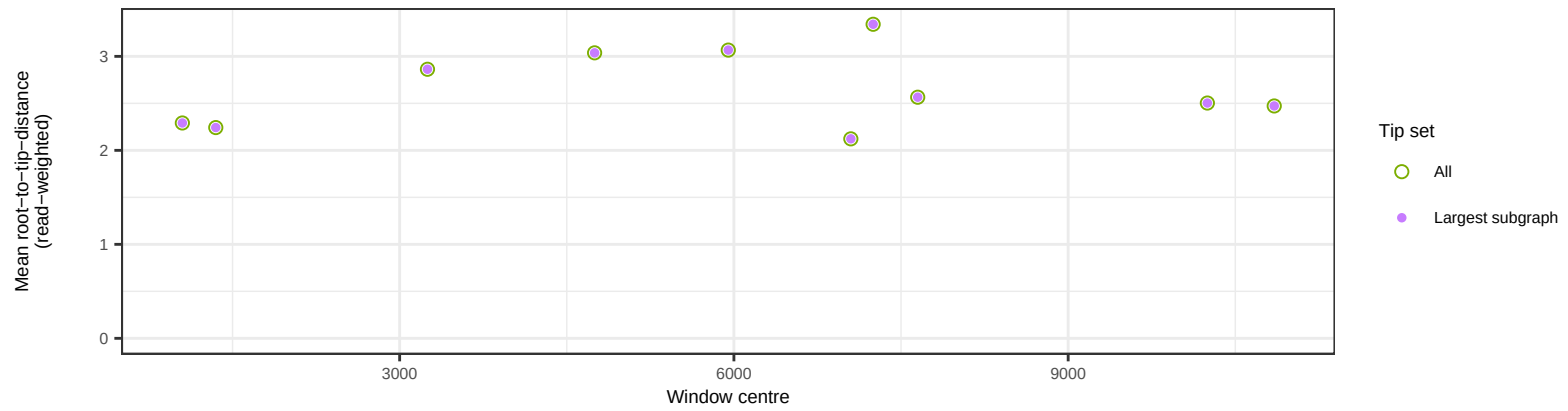

Mean pairwise patristic distance
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

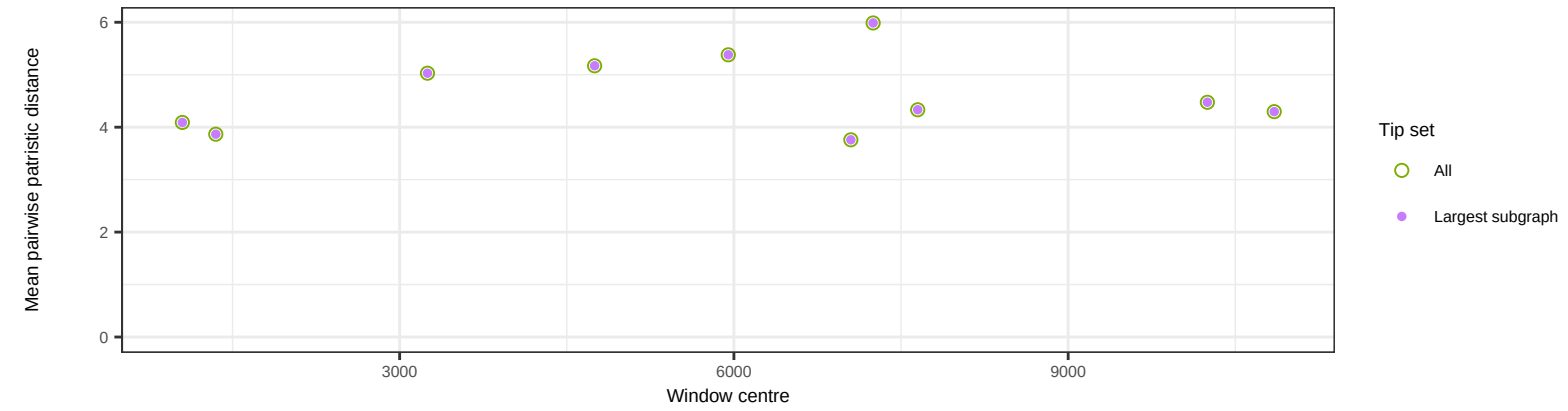

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

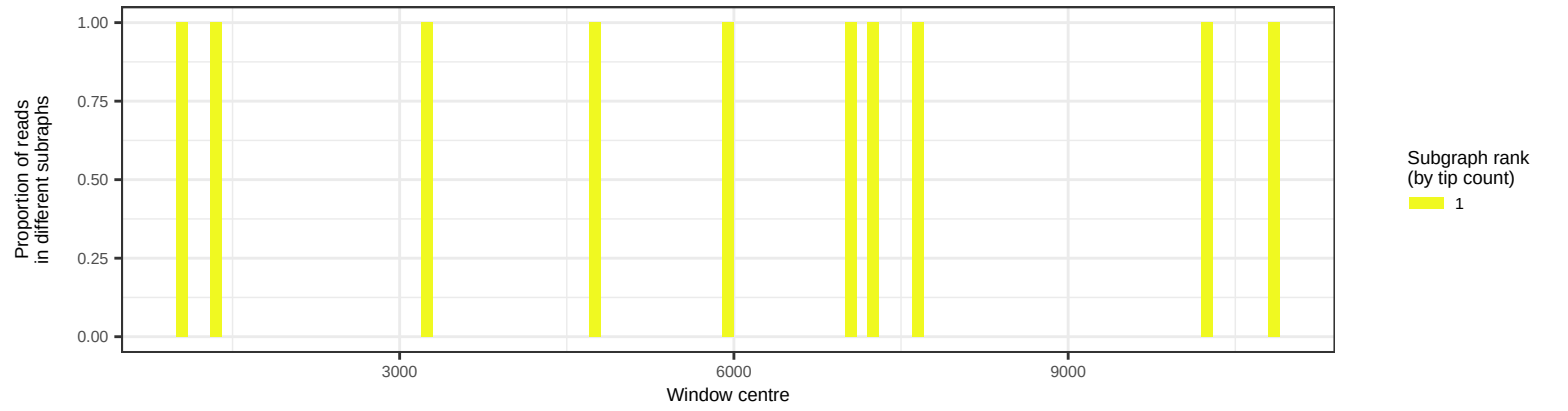
818


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

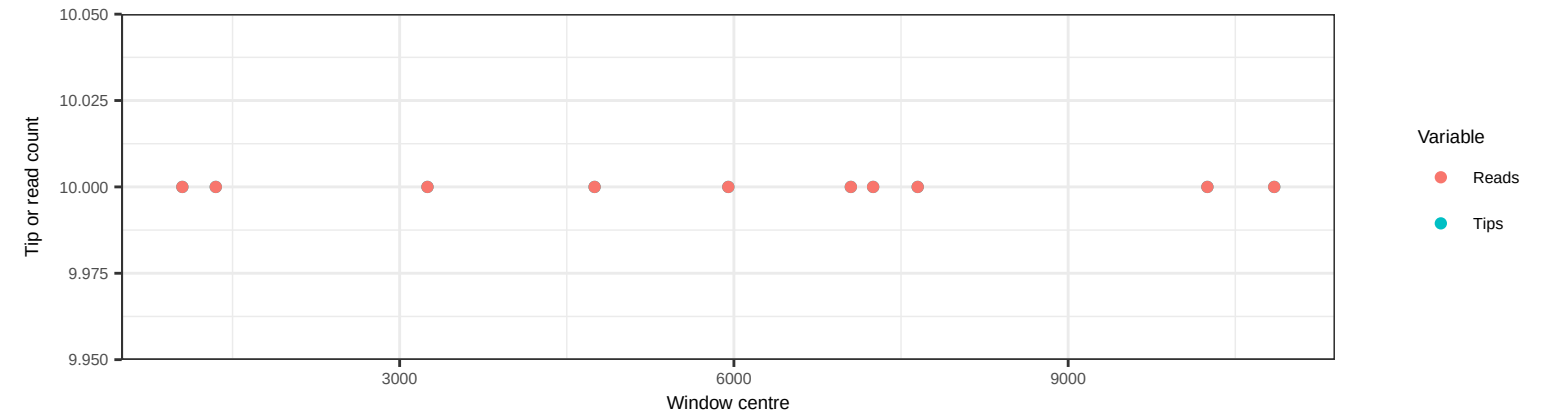

Subgraph or clade count
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

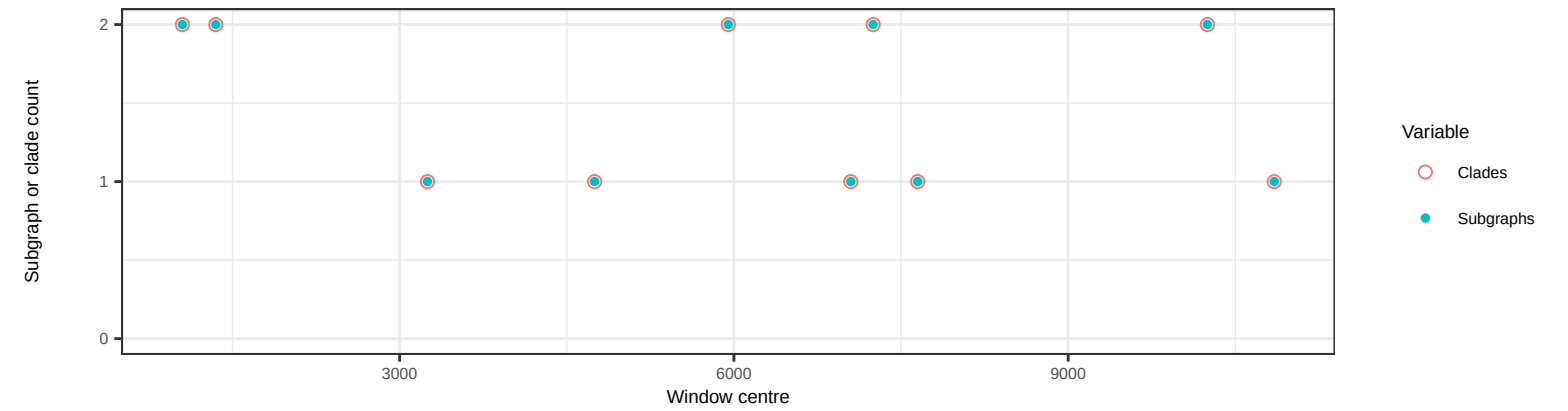

Mean root−to−tip−distance
(read−weighted)
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

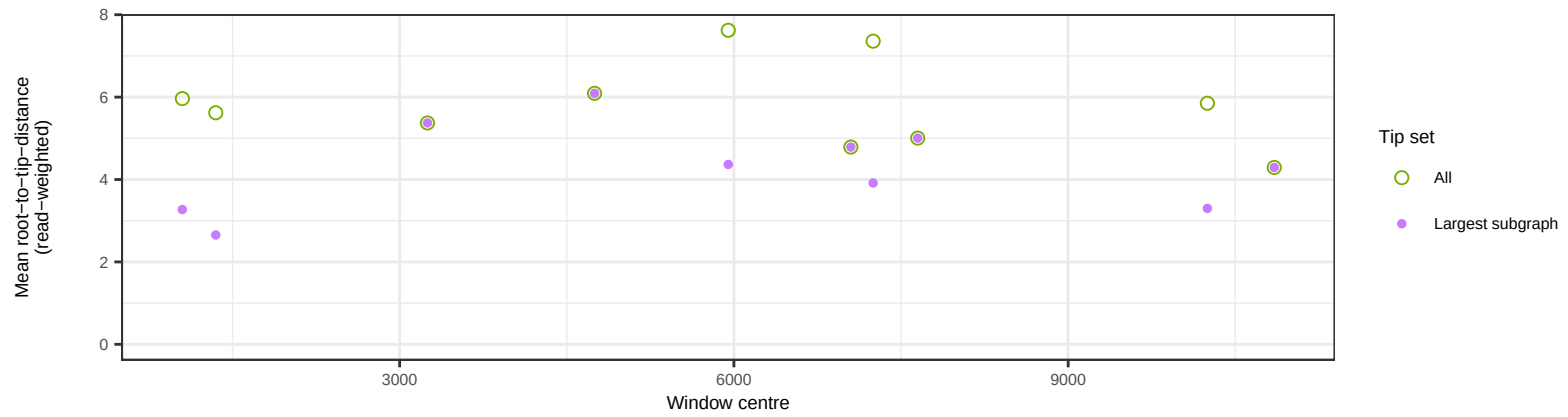

Mean pairwise patristic distance
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

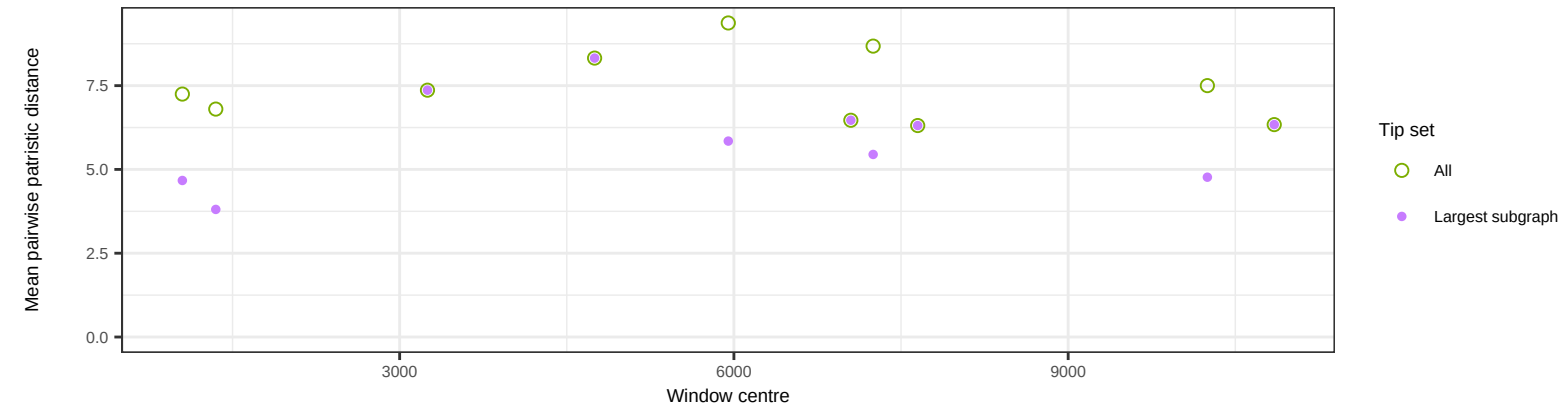

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

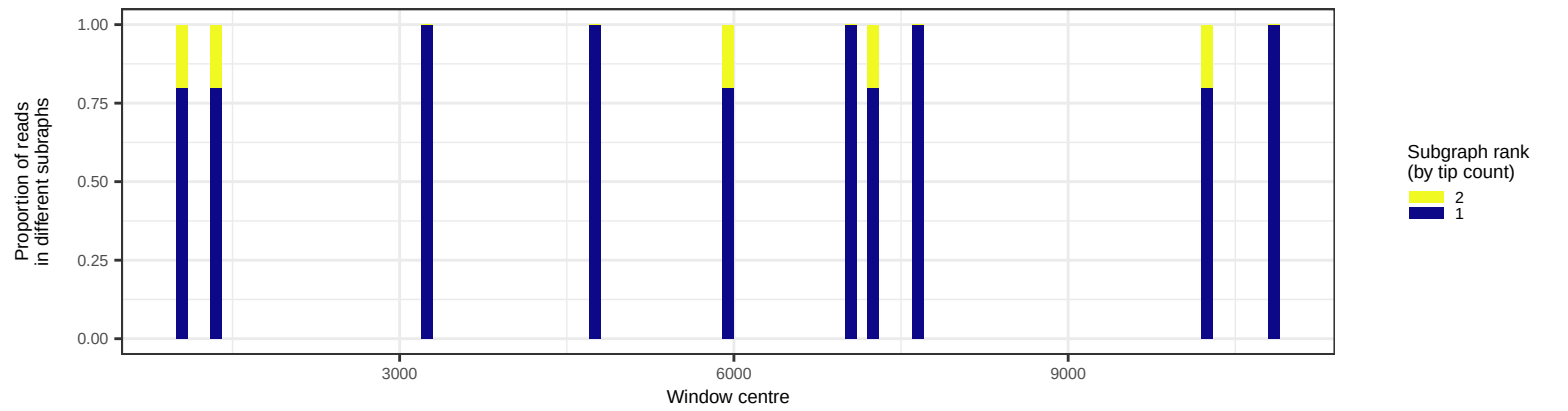
821

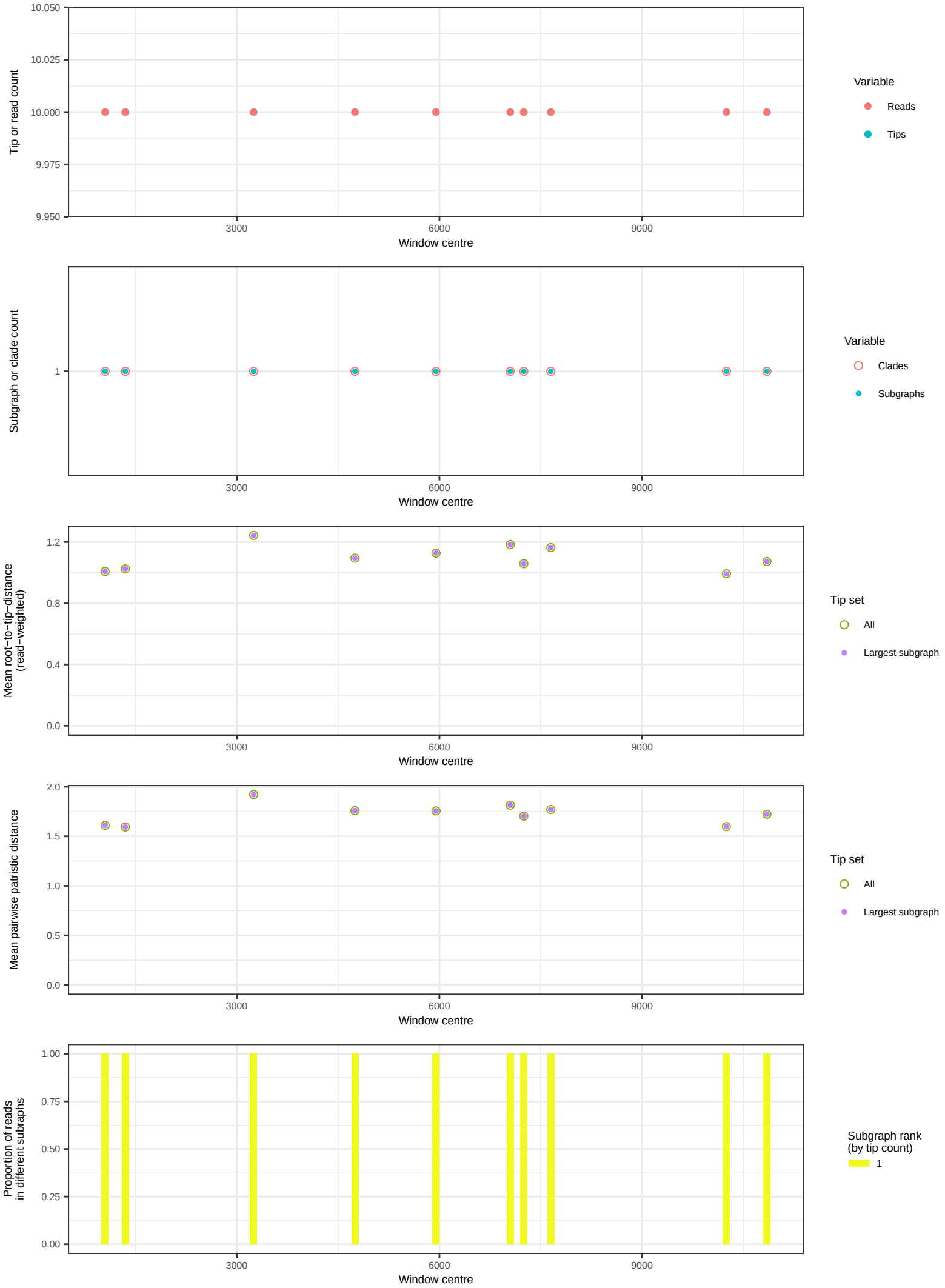

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips


Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

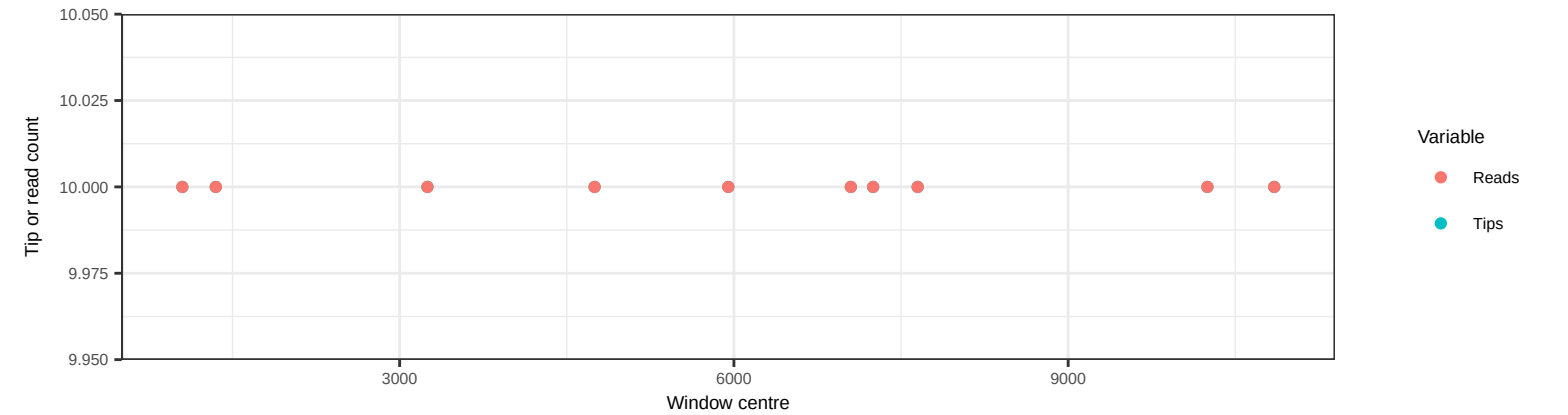

Mean root−to−tip−distance
(read−weighted)
8
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

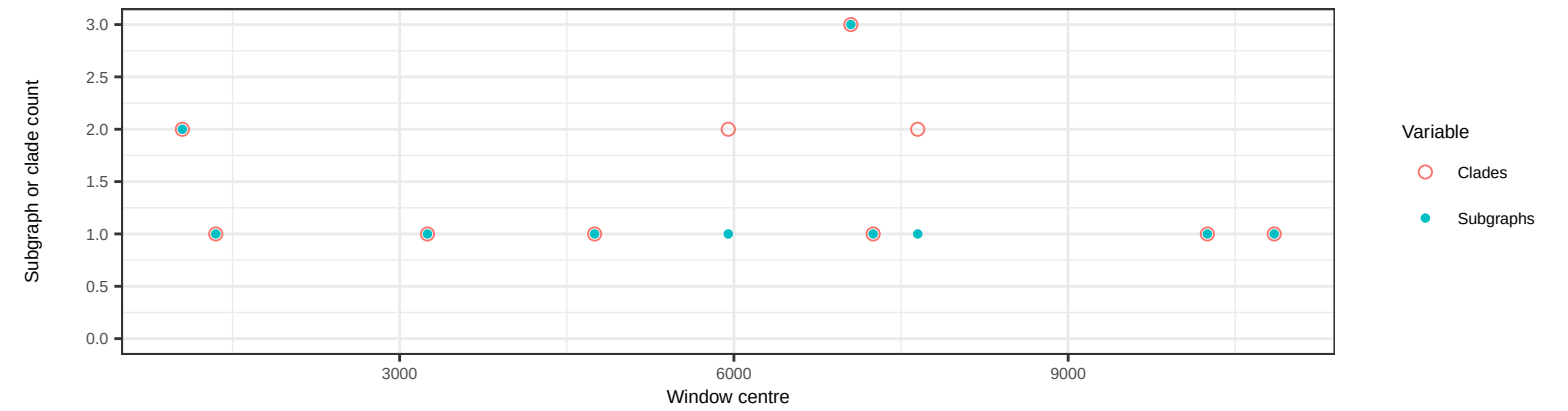

Mean pairwise patristic distance
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

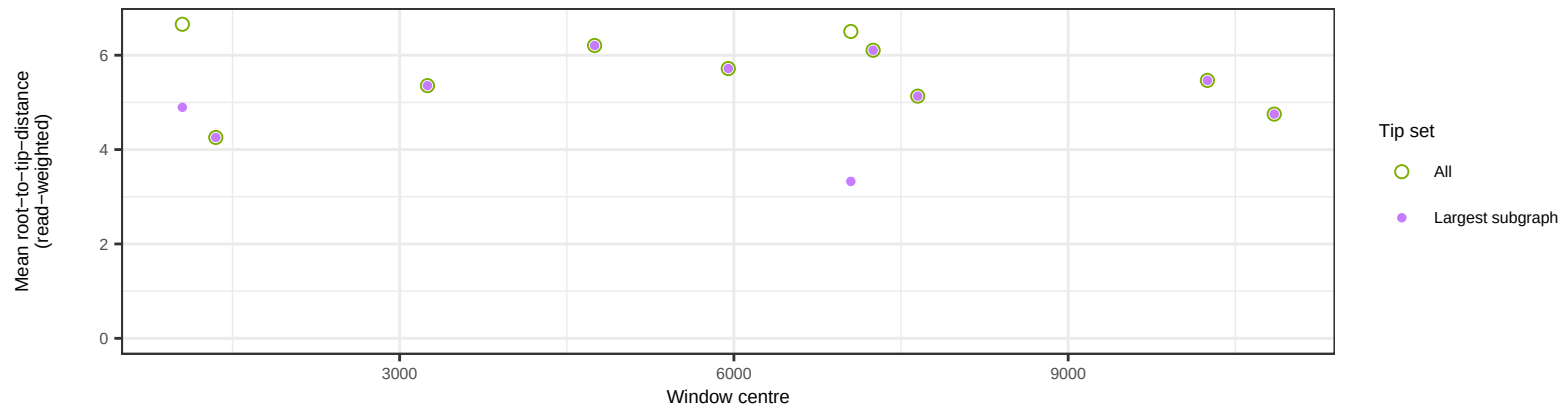

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

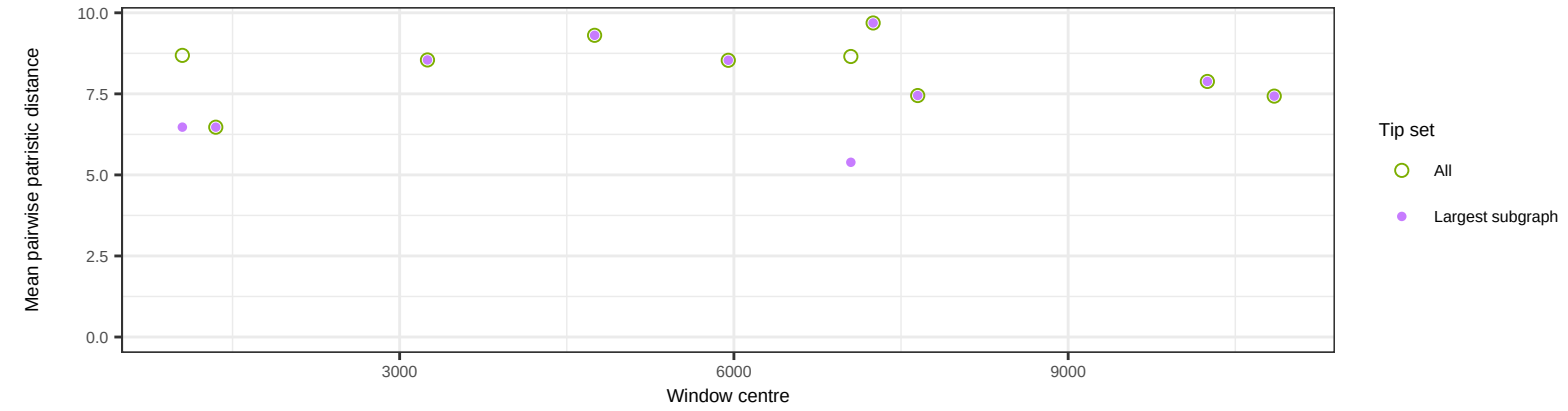

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.2
0.8
0.4
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

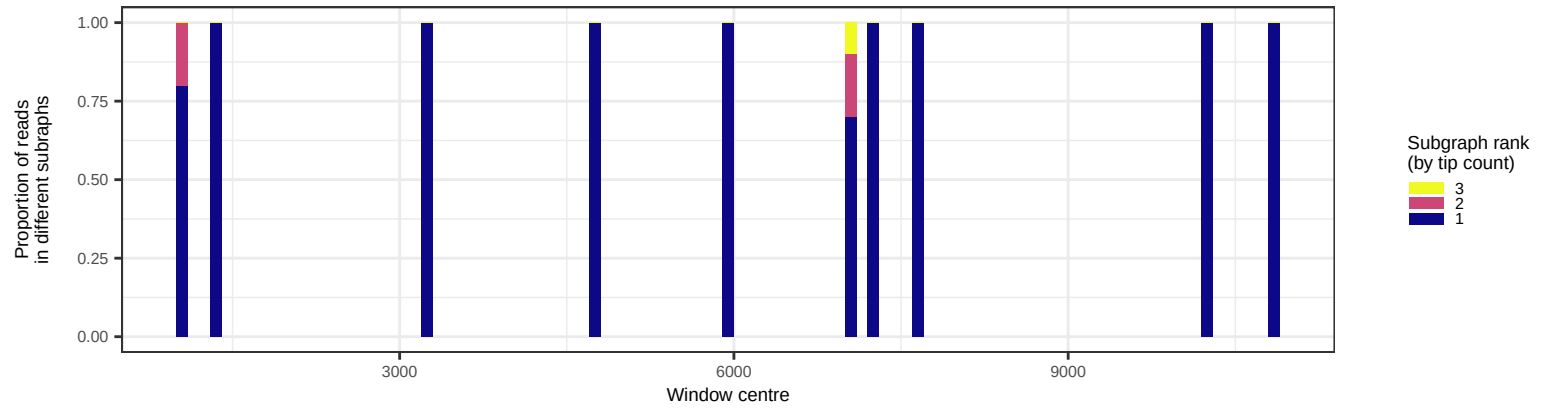
913

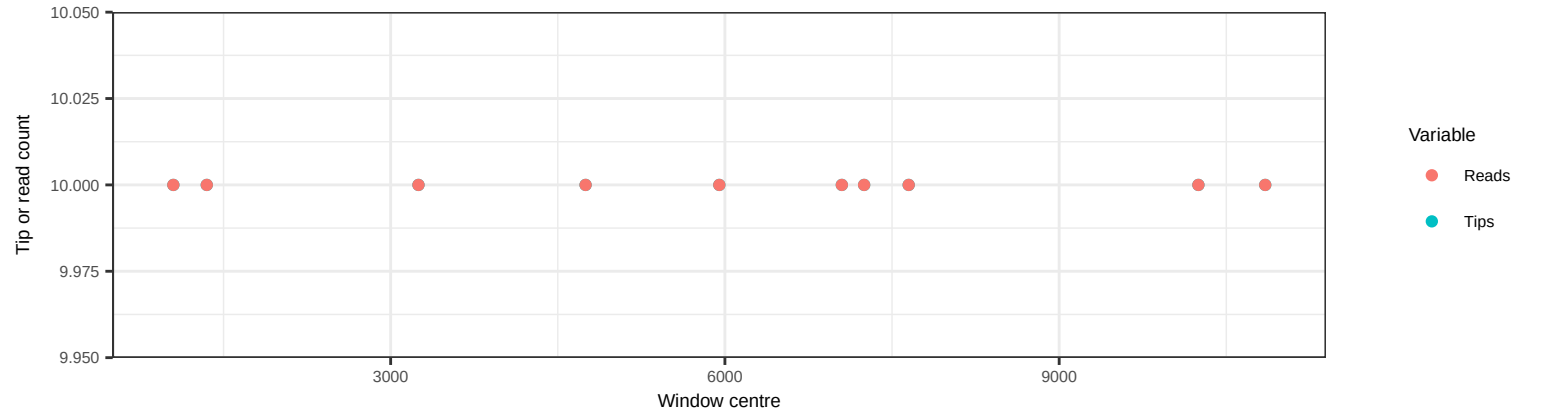

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

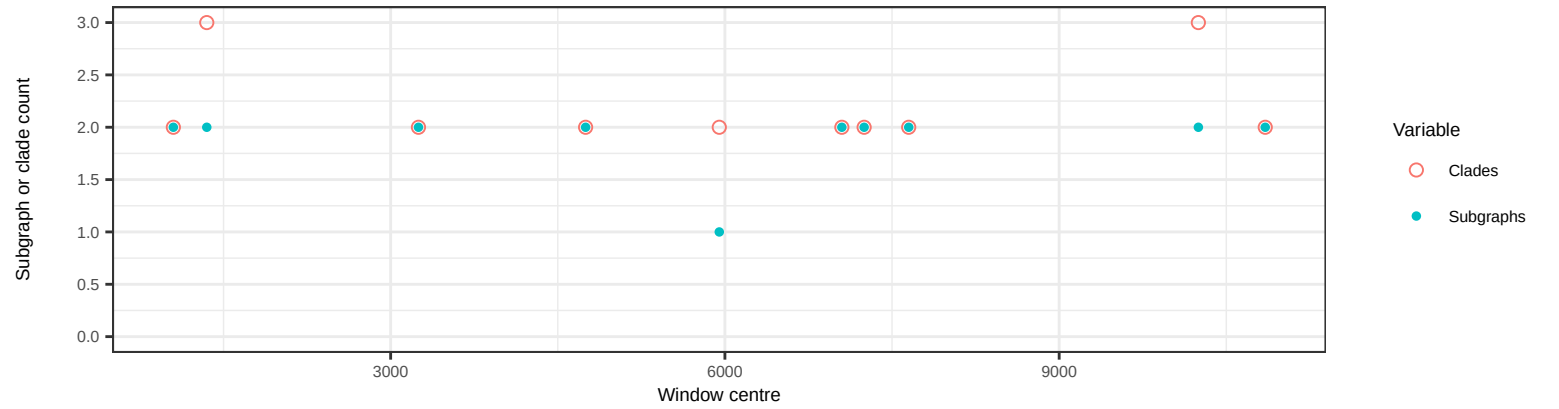

Subgraph or clade count
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

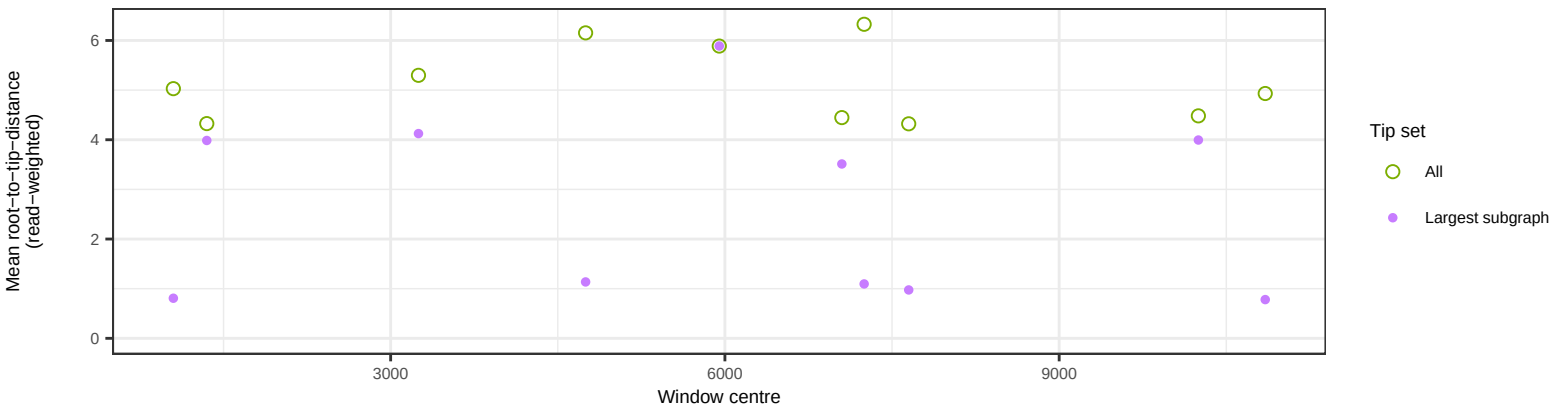

Mean root−to−tip−distance
(read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

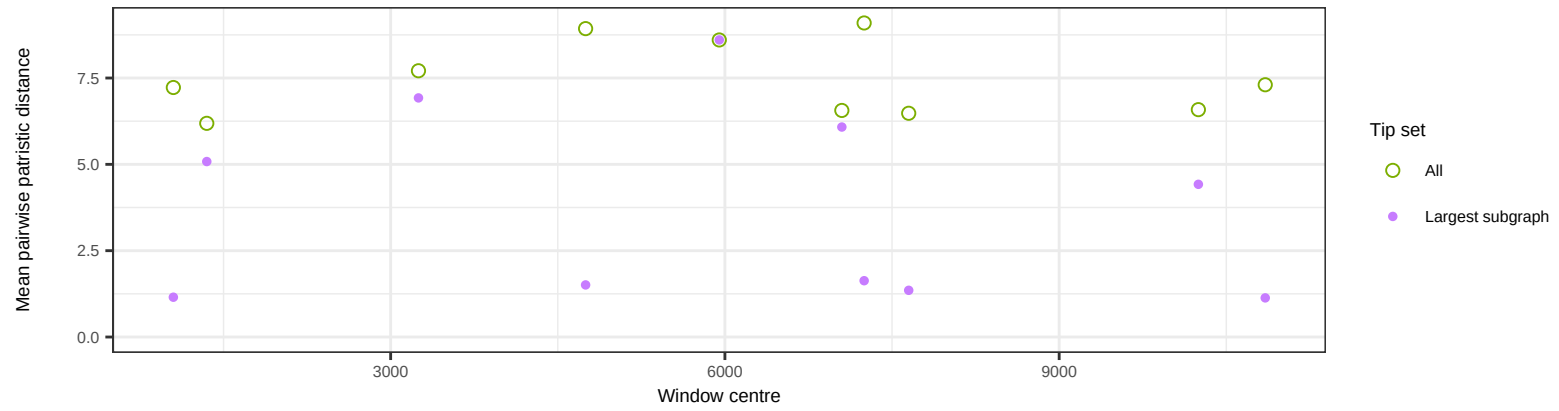

Mean pairwise patristic distance
10.0
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

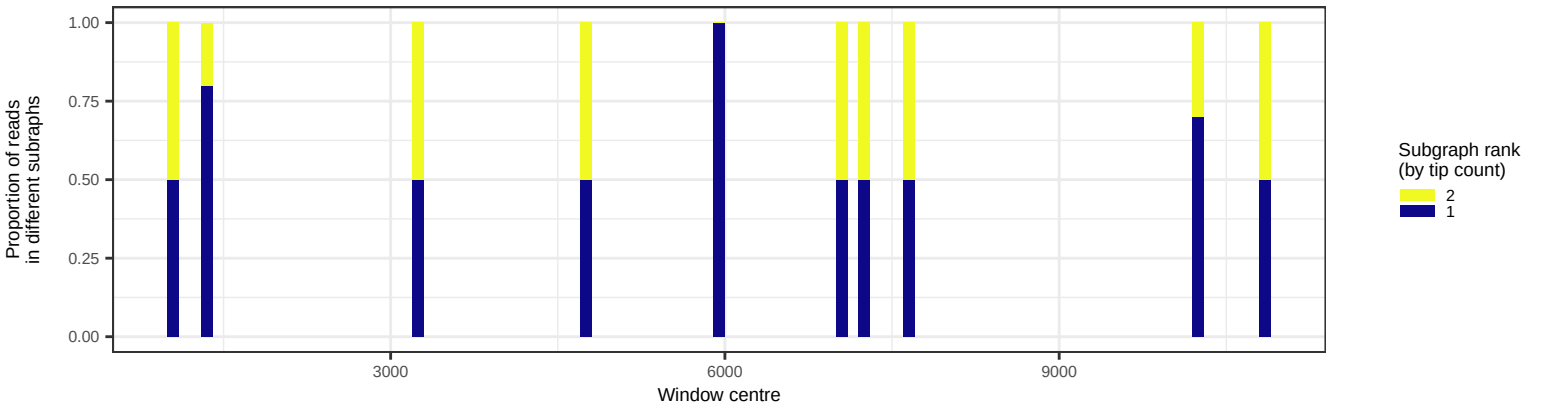

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
3
2
1


Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips


Subgraph or clade count
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs


Mean root−to−tip−distance
(read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Mean pairwise patristic distance
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1