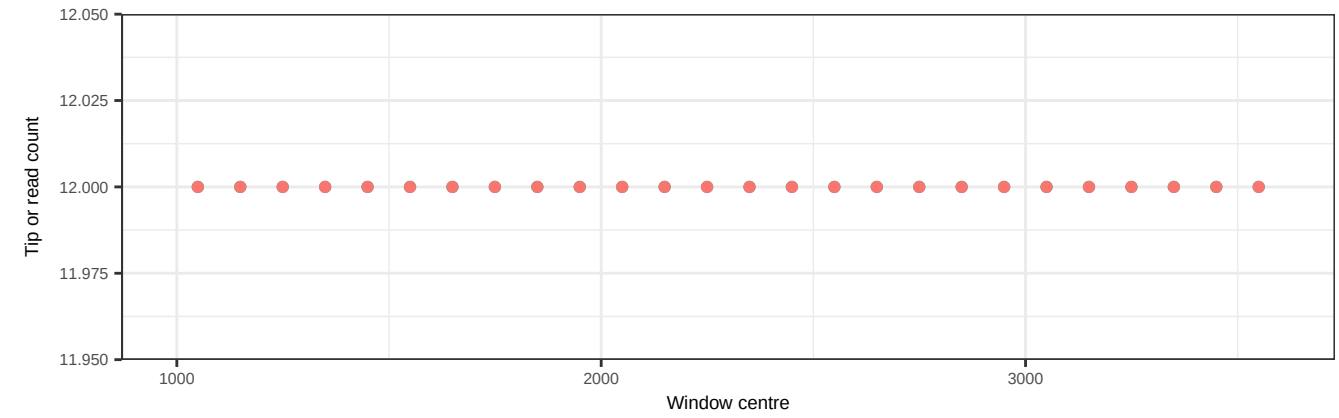
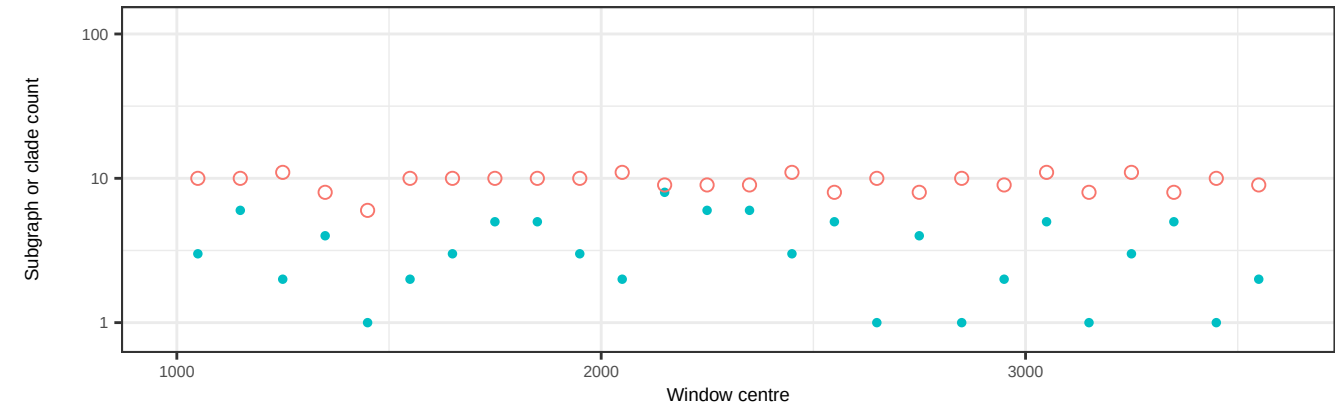
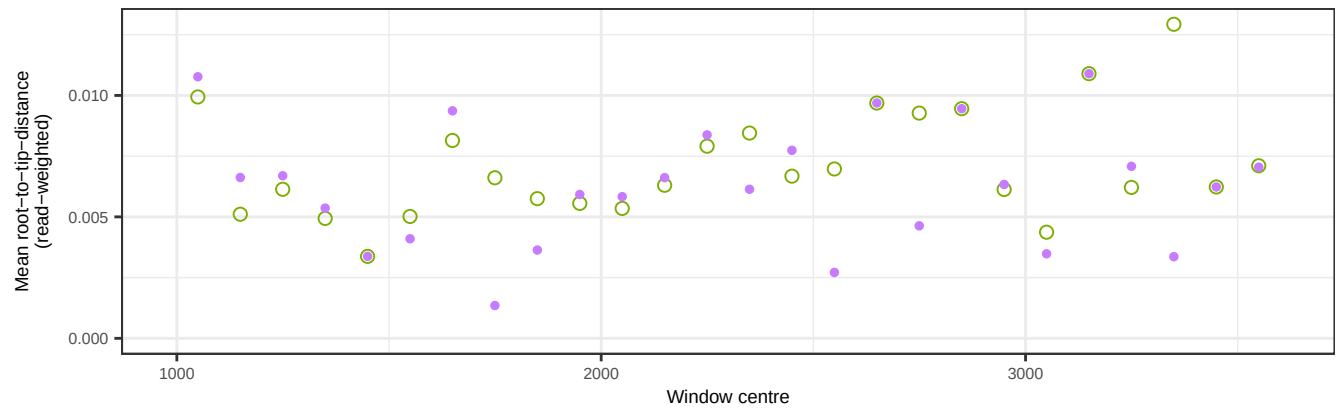
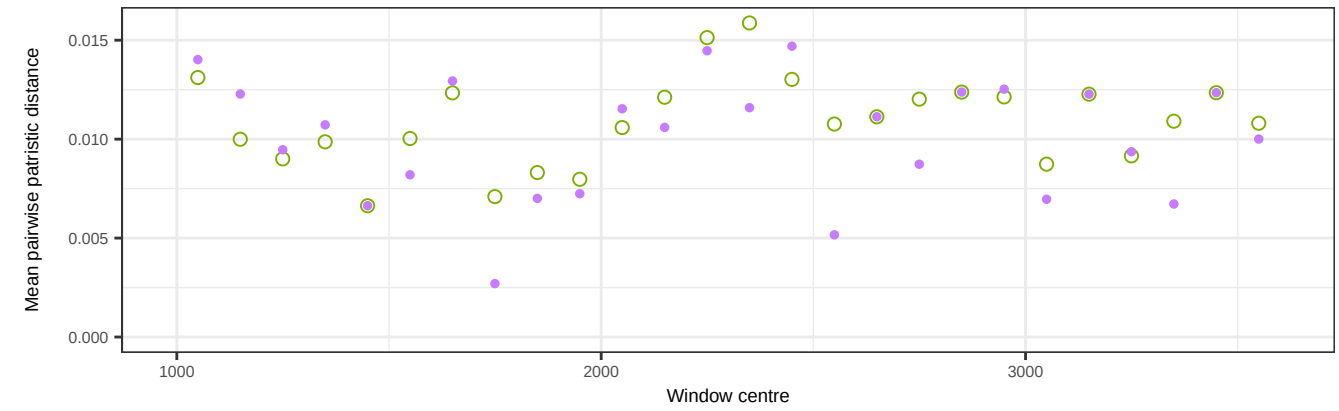
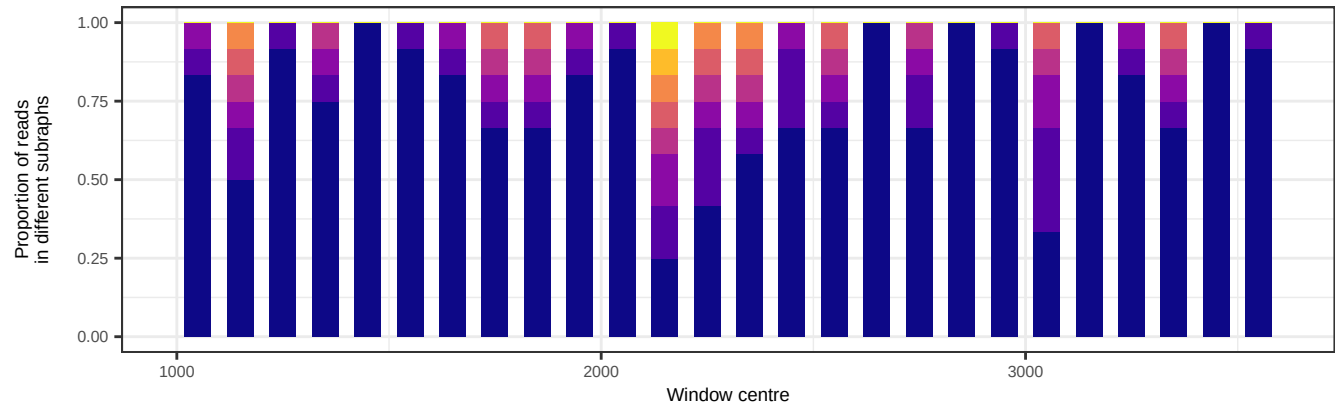
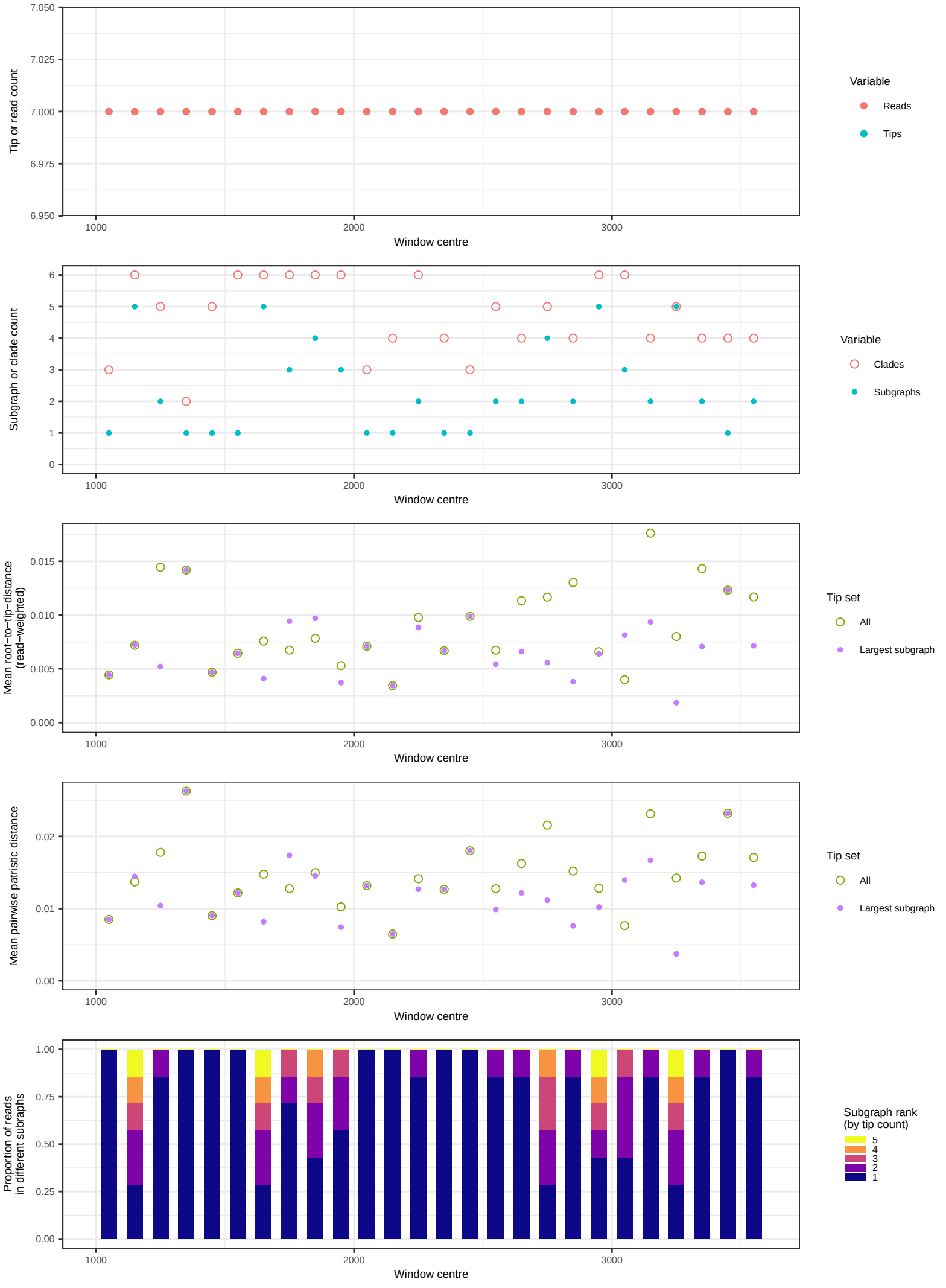

12.050
12.025
12.000
11.975
11.950
Tip or read count
1000
2000
3000
Window centre
Variable
Reads
Tips

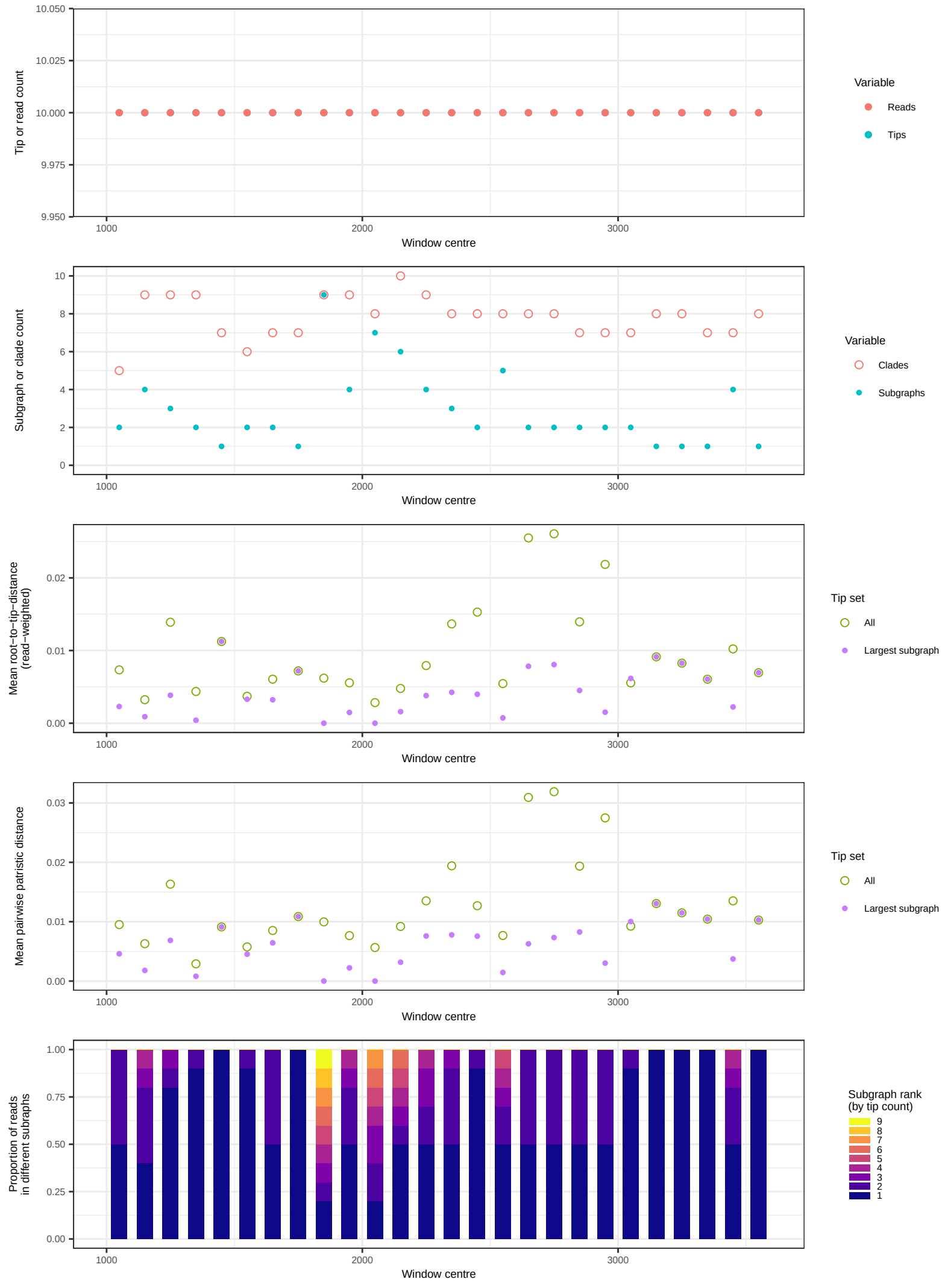

100
10
1
Subgraph or clade count
1000
2000
3000
Window centre
Variable
Clades
Subgraphs

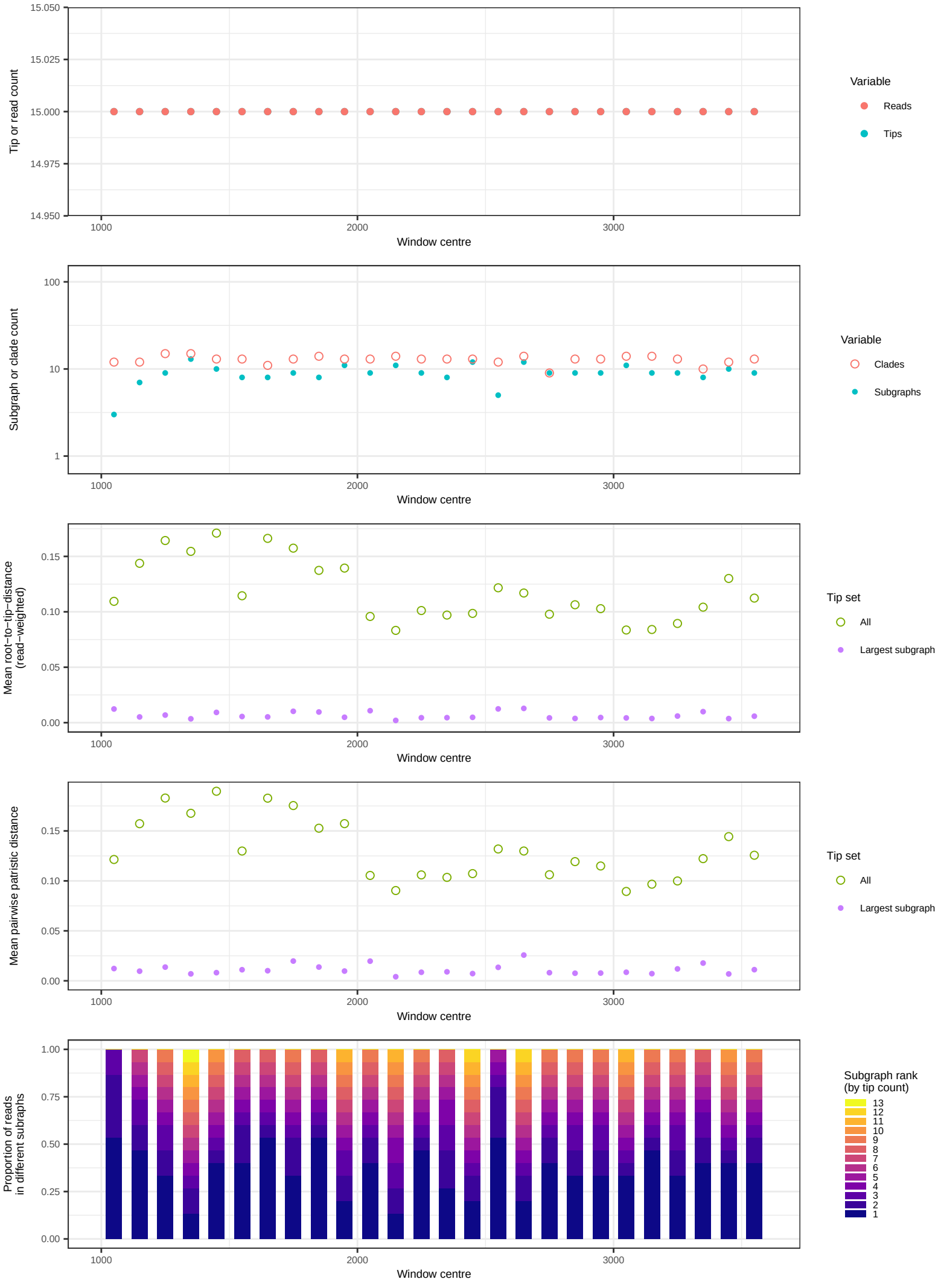

0.010
0.005
0.000
Mean root−to−tip−distance (read−weighted)
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

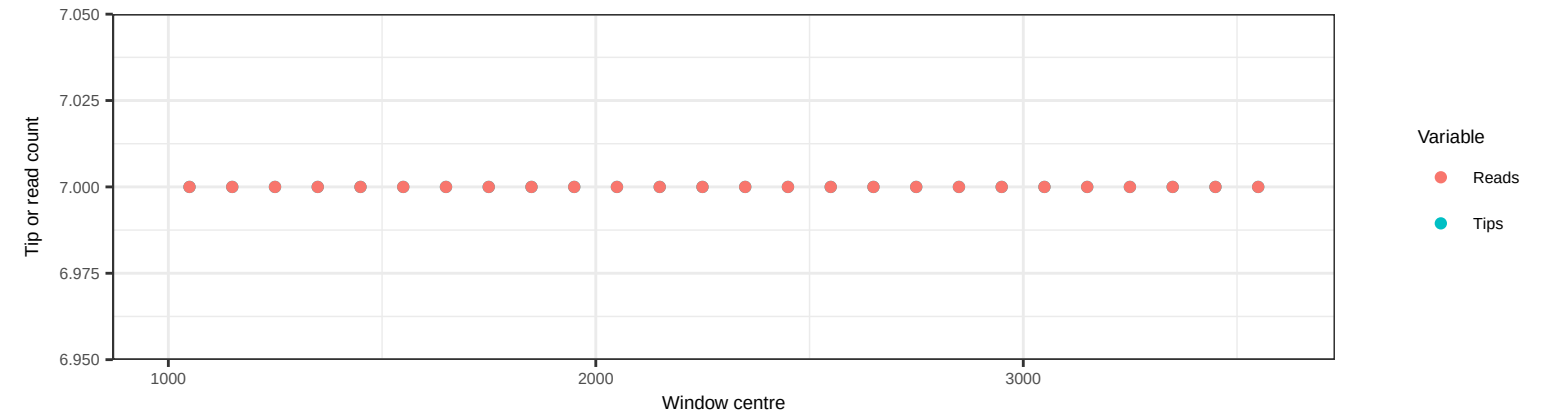

0.015
0.010
0.005
0.000
Mean pairwise patristic distance
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

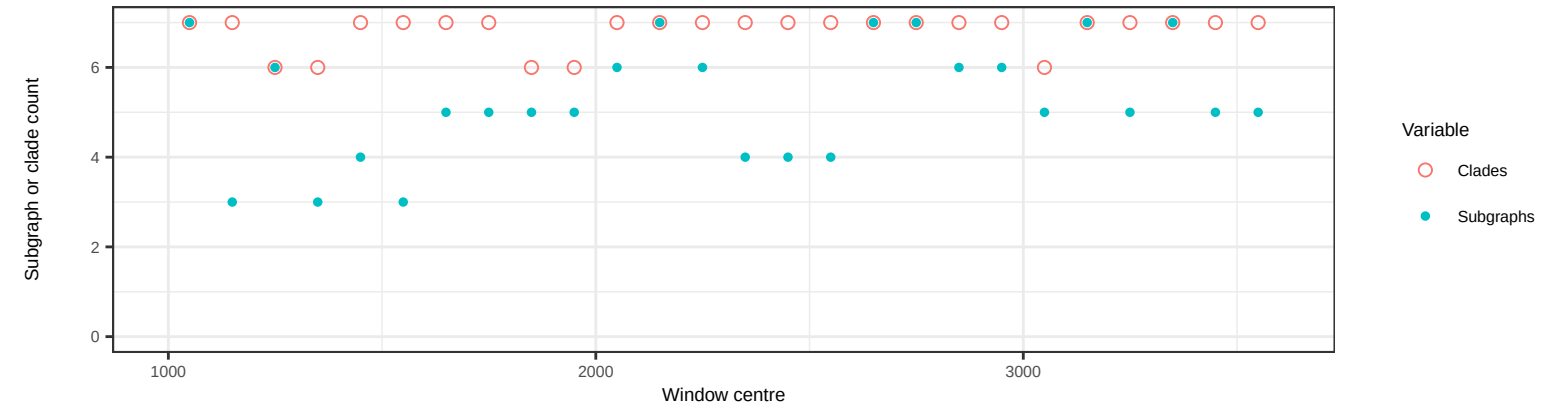

1.00
0.75
0.50
0.25
0.00
Proportion of reads in different subraphs
1000
2000
3000
Window centre
Subgraph rank (by tip count)
8
7
6
5
4
3
2
1

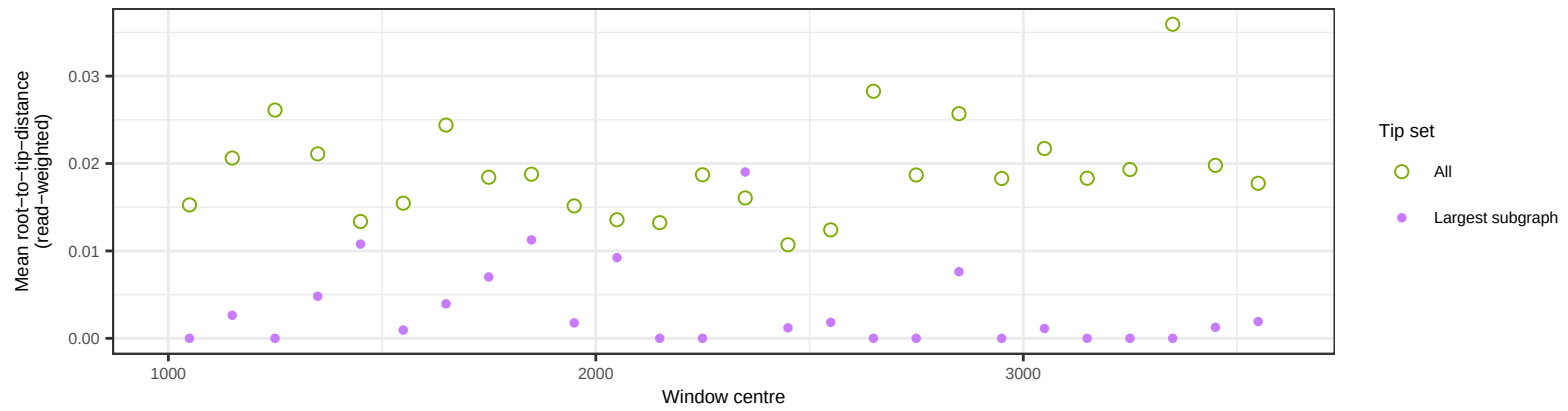

Tip or read count
7.050
7.025
7.000
6.975
6.950
1000
2000
3000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
5
4
3
2
1
0
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.015
0.010
0.005
0.000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.02
0.01
0.00
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
Window centre
Subgraph rank (by tip count)
5
4
3
2
1

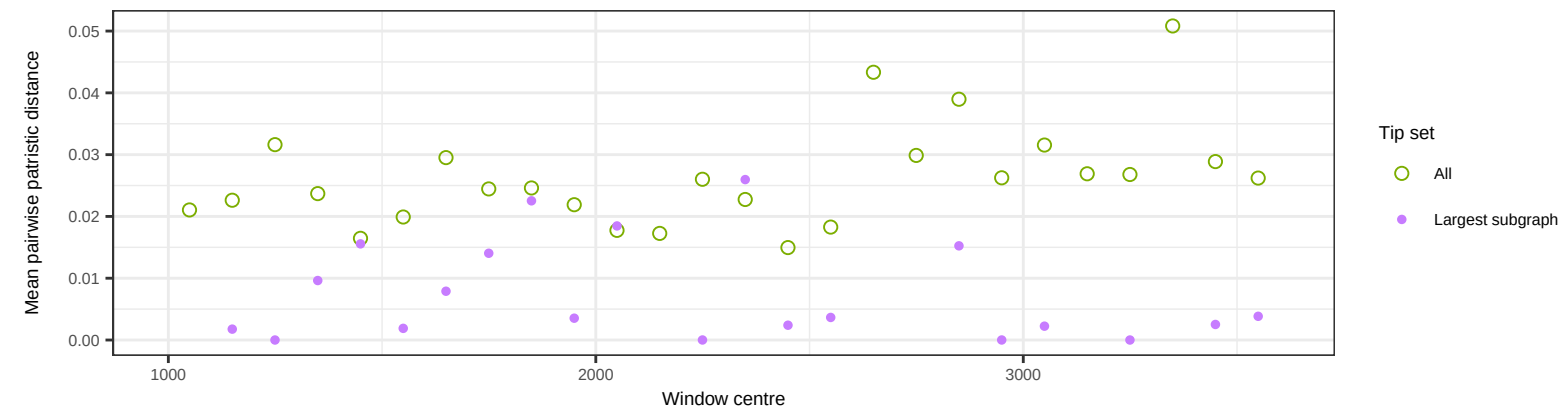

Tip or read count
10.050
10.025
10.000
9.975
9.950
1000
2000
3000
Window centre
Variable
Reads
Tips
Subgraph or clade count
10
8
6
4
2
0
1000
2000
3000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.02
0.01
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.03
0.02
0.01
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
1000
2000
3000
Window centre
Subgraph rank (by tip count)
9
8
7
6
5
4
3
2
1

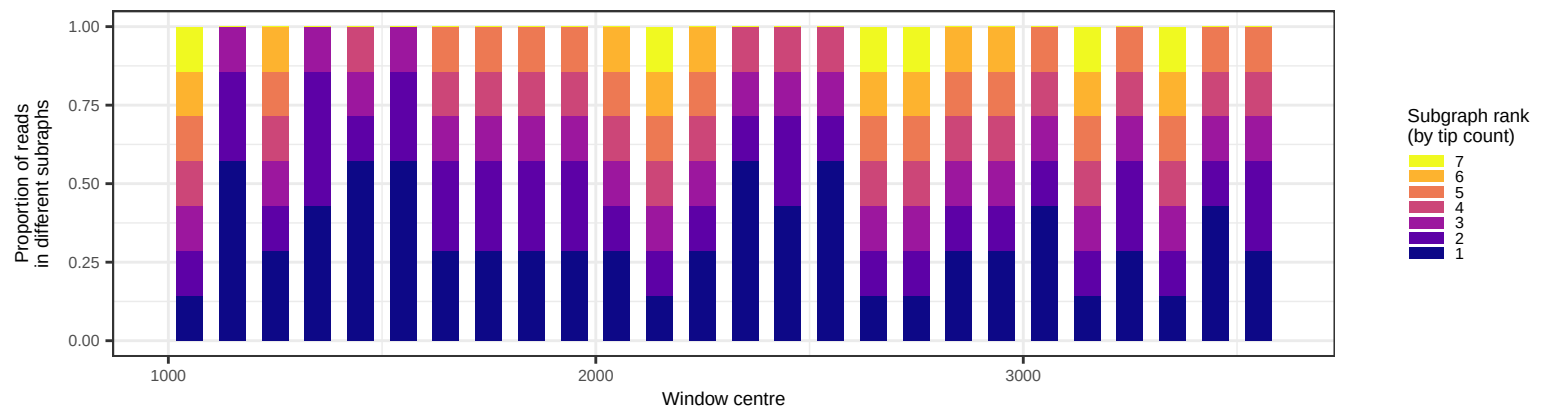

Tip or read count
15.050
15.025
15.000
14.975
14.950
1000
2000
3000
Window centre
Variable
Reads
Tips
Subgraph or clade count
100
10
1
Clades
Subgraphs
Mean root−to−tip−distance
(read−weighted)
0.15
0.10
0.05
0.00
Tip set
All
Largest subgraph
Mean pairwise patristic distance
Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
Subgraph rank
(by tip count)
13
12
11
10
9
8
7
6
5
4
3
2
1

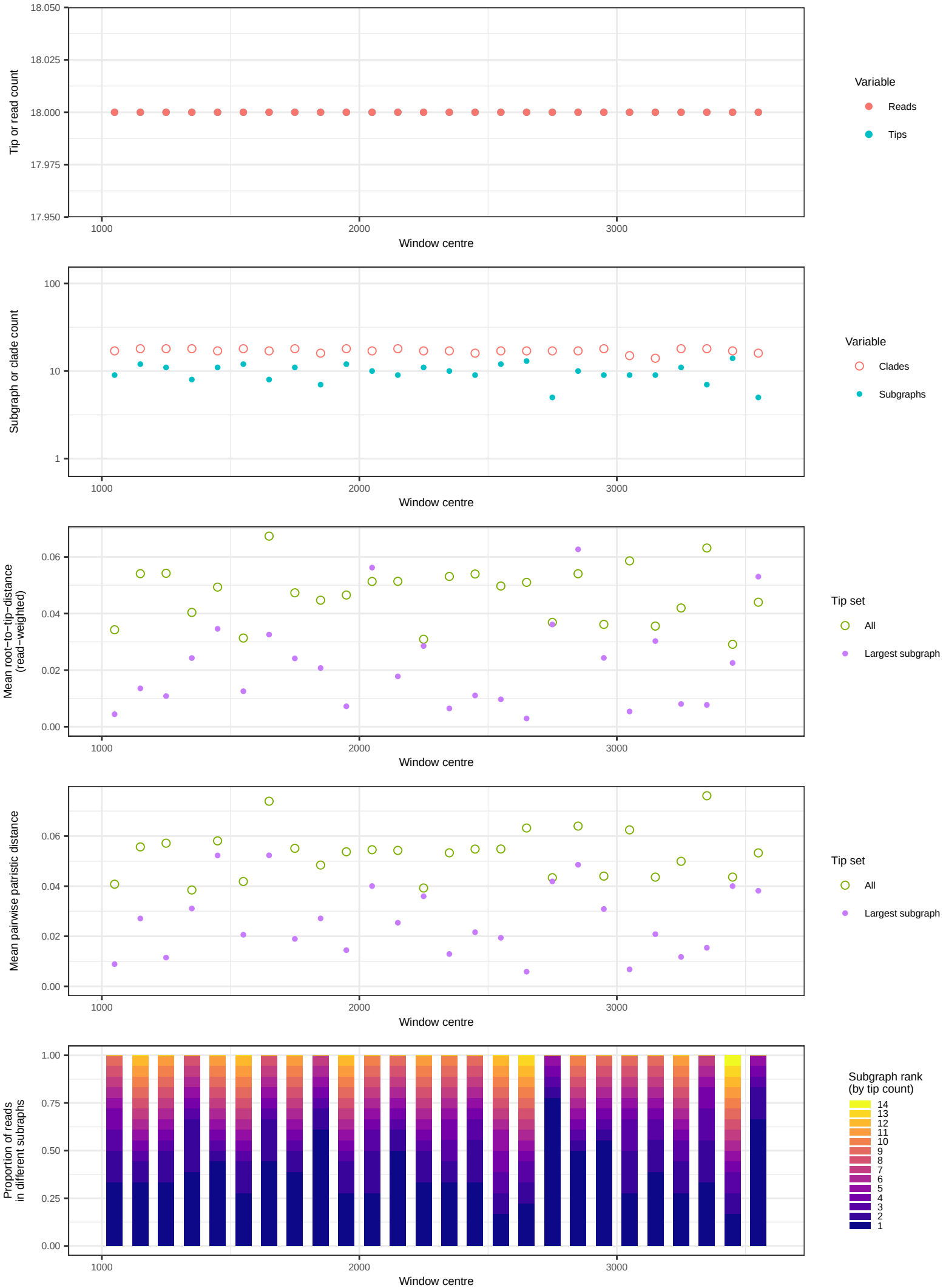

Tip or read count
7.050
7.025
7.000
6.975
6.950
1000
2000
3000
Window centre
Variable
Reads
Tips


Subgraph or clade count
6
4
2
0
1000
2000
3000
Window centre
Variable
Clades
Subgraphs

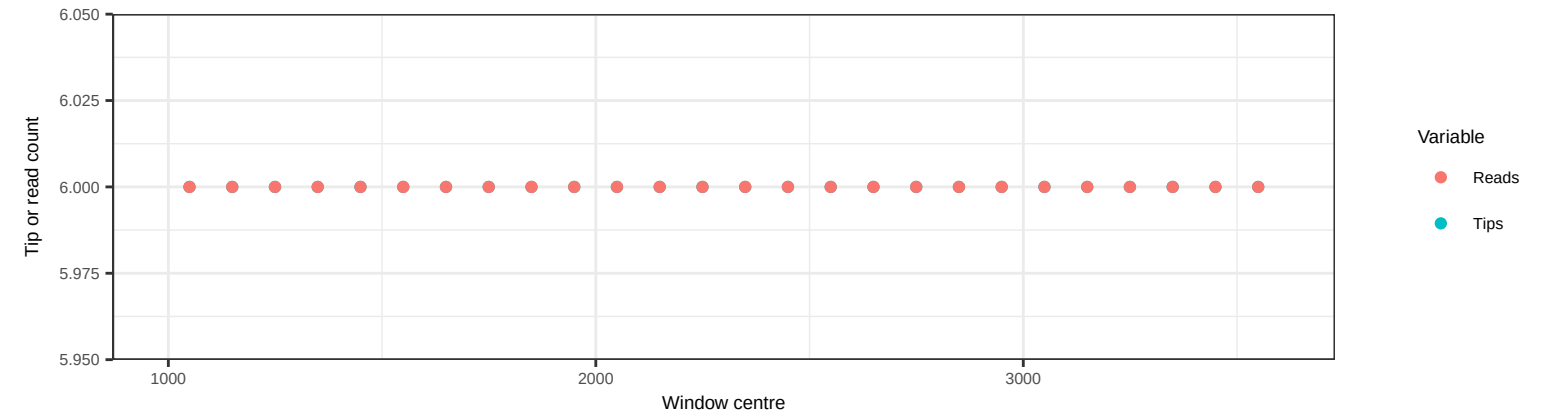

Mean root−to−tip−distance
(read−weighted)
0.03
0.02
0.01
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

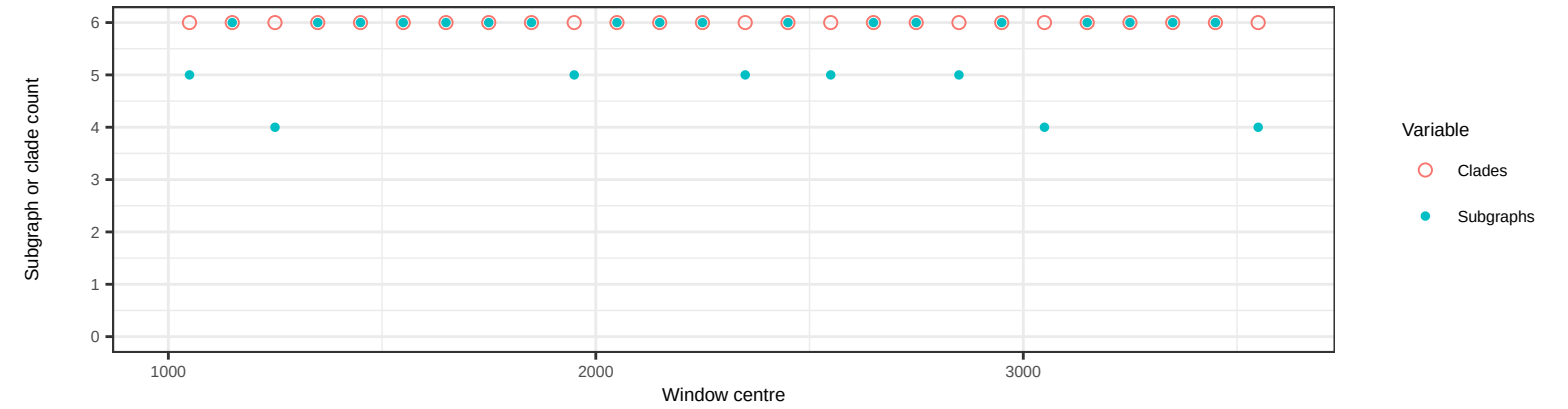

Mean pairwise patristic distance
0.05
0.04
0.03
0.02
0.01
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

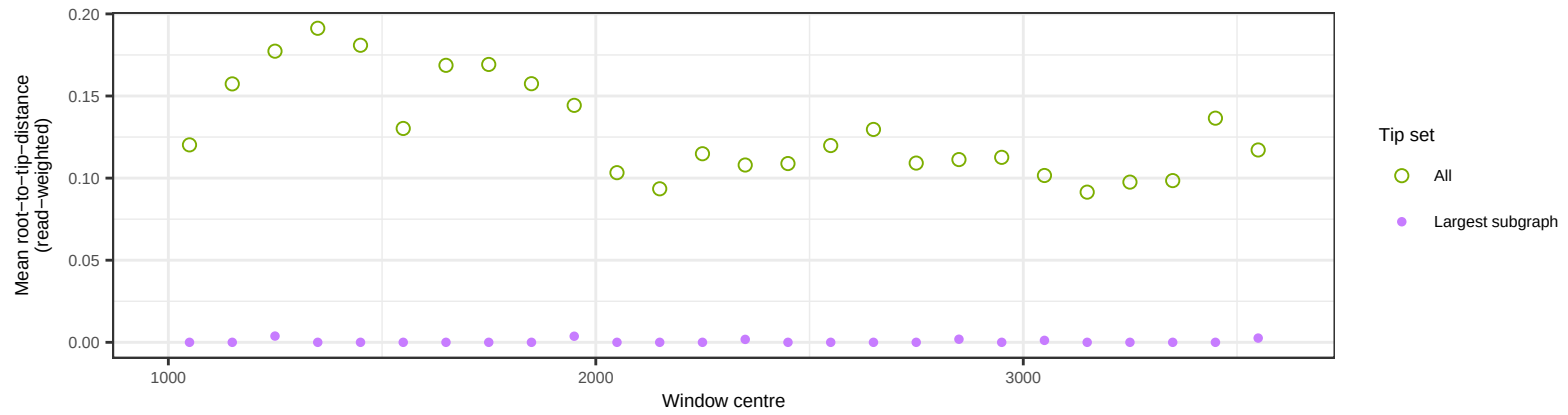

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
1000
2000
3000
Window centre
Subgraph rank
(by tip count)
7
6
5
4
3
2
1

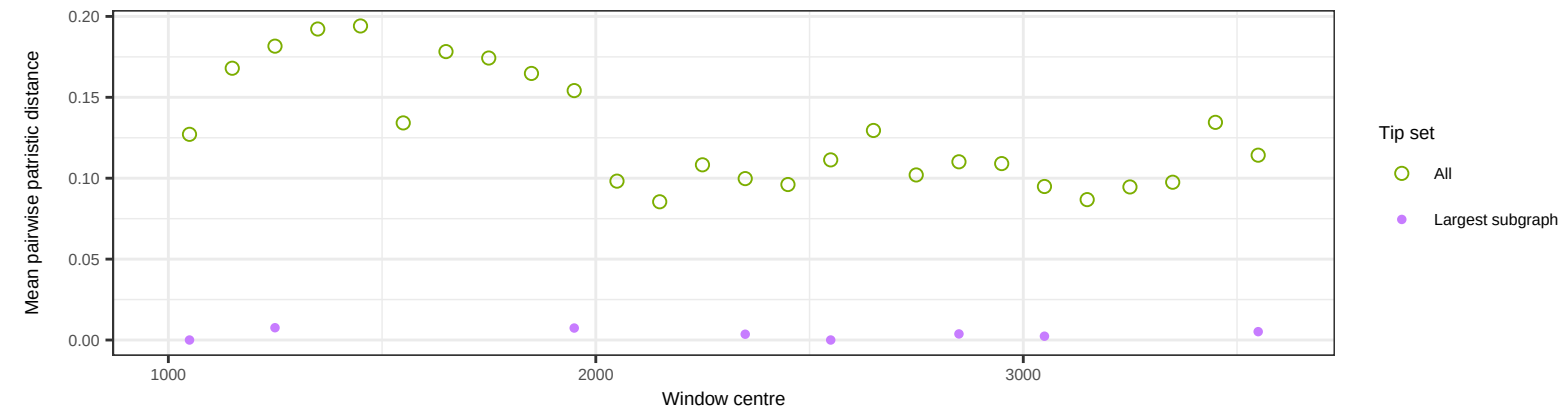

Tip or read count
18.050
18.025
18.000
17.975
17.950
1000
2000
3000
Window centre
Variable
Reads
Tips
Subgraph or clade count
100
10
1
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.06
0.04
0.02
0.00
Tip set
All
Largest subgraph
Mean pairwise patristic distance
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
Subgraph rank (by tip count)
14
13
12
11
10
9
8
7
6
5
4
3
2
1

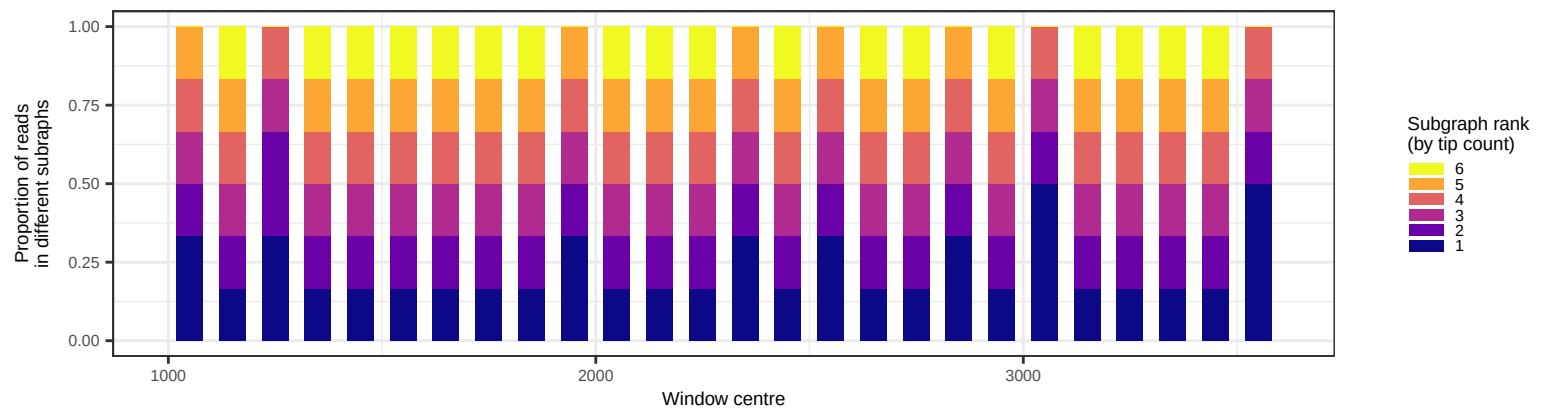
201


Tip or read count
6.050
6.025
6.000
5.975
5.950
1000
2000
3000
Window centre
Variable
Reads
Tips

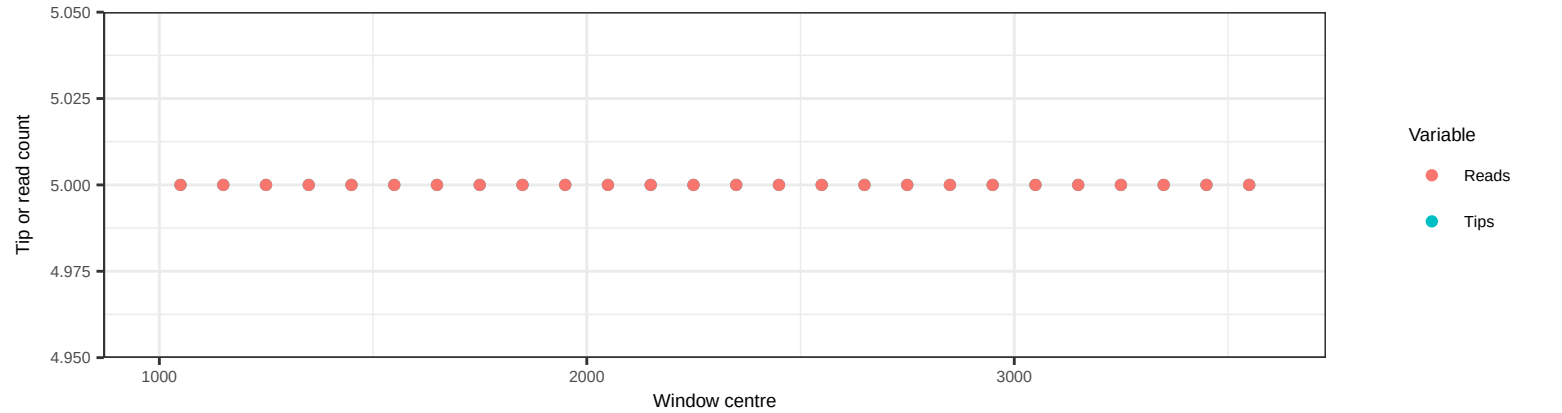

Subgraph or clade count
6
5
4
3
2
1
0
1000
2000
3000
Window centre
Variable
Clades
Subgraphs

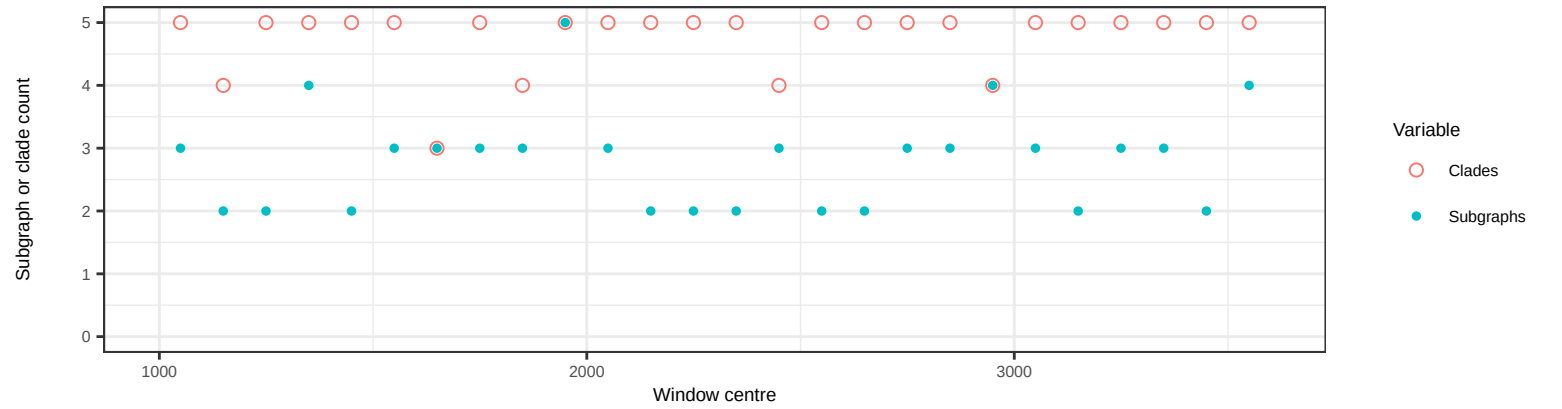

Mean root−to−tip−distance
(read−weighted)
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

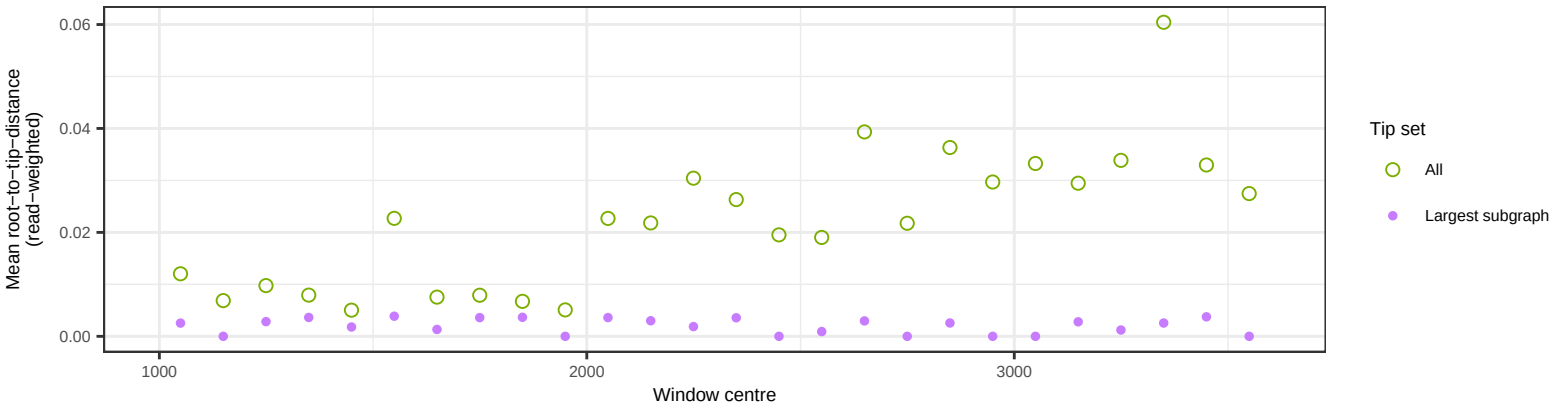

Mean pairwise patristic distance
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

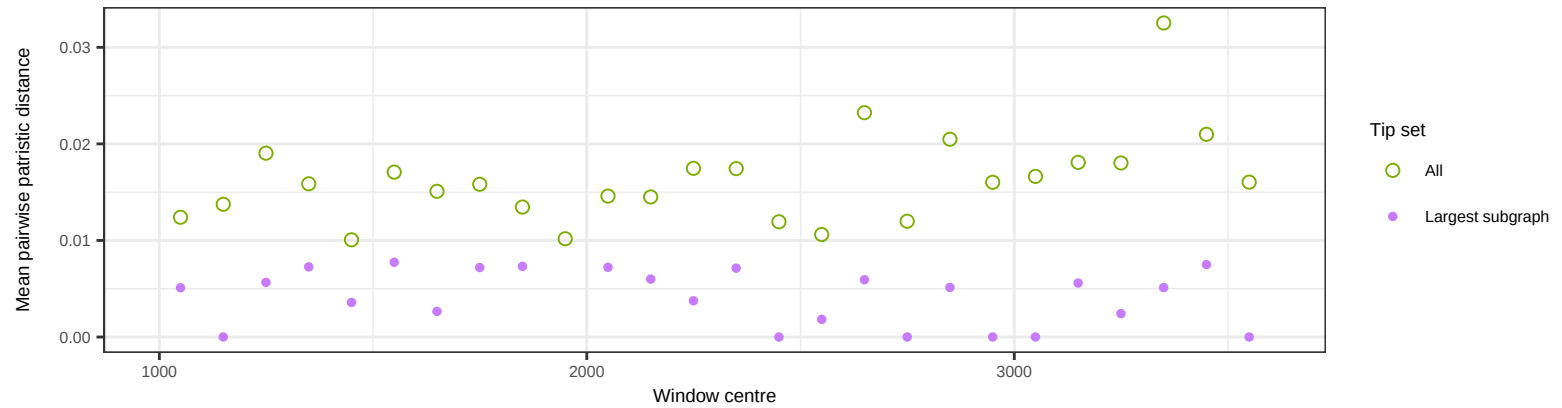

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
1000
2000
3000
Window centre
Subgraph rank
(by tip count)
6
5
4
3
2
1

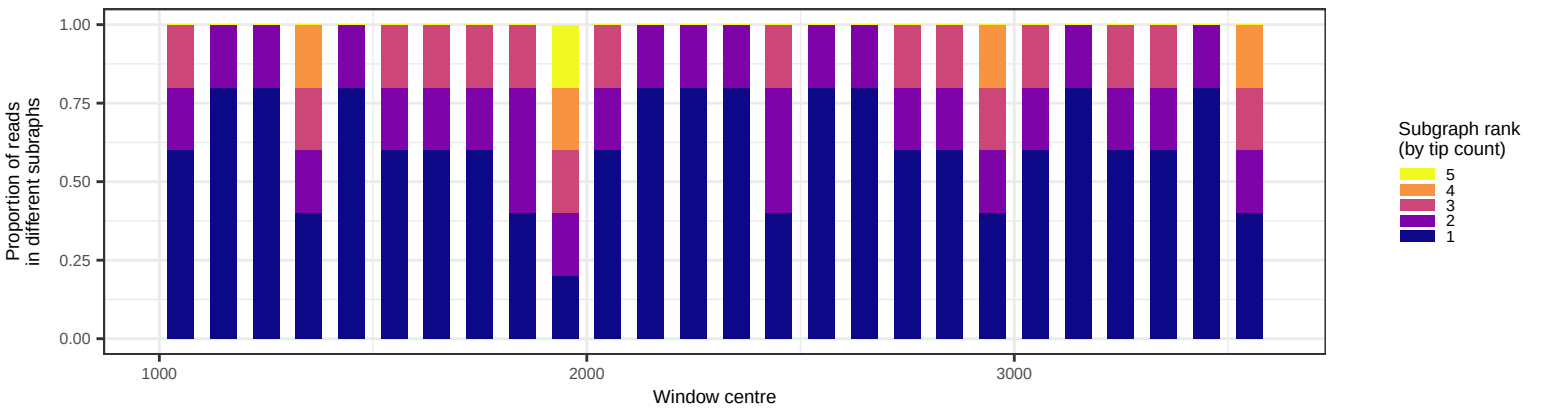
202


Tip or read count
5.050
5.025
5.000
4.975
4.950
1000
2000
3000
Window centre
Variable
Reads
Tips

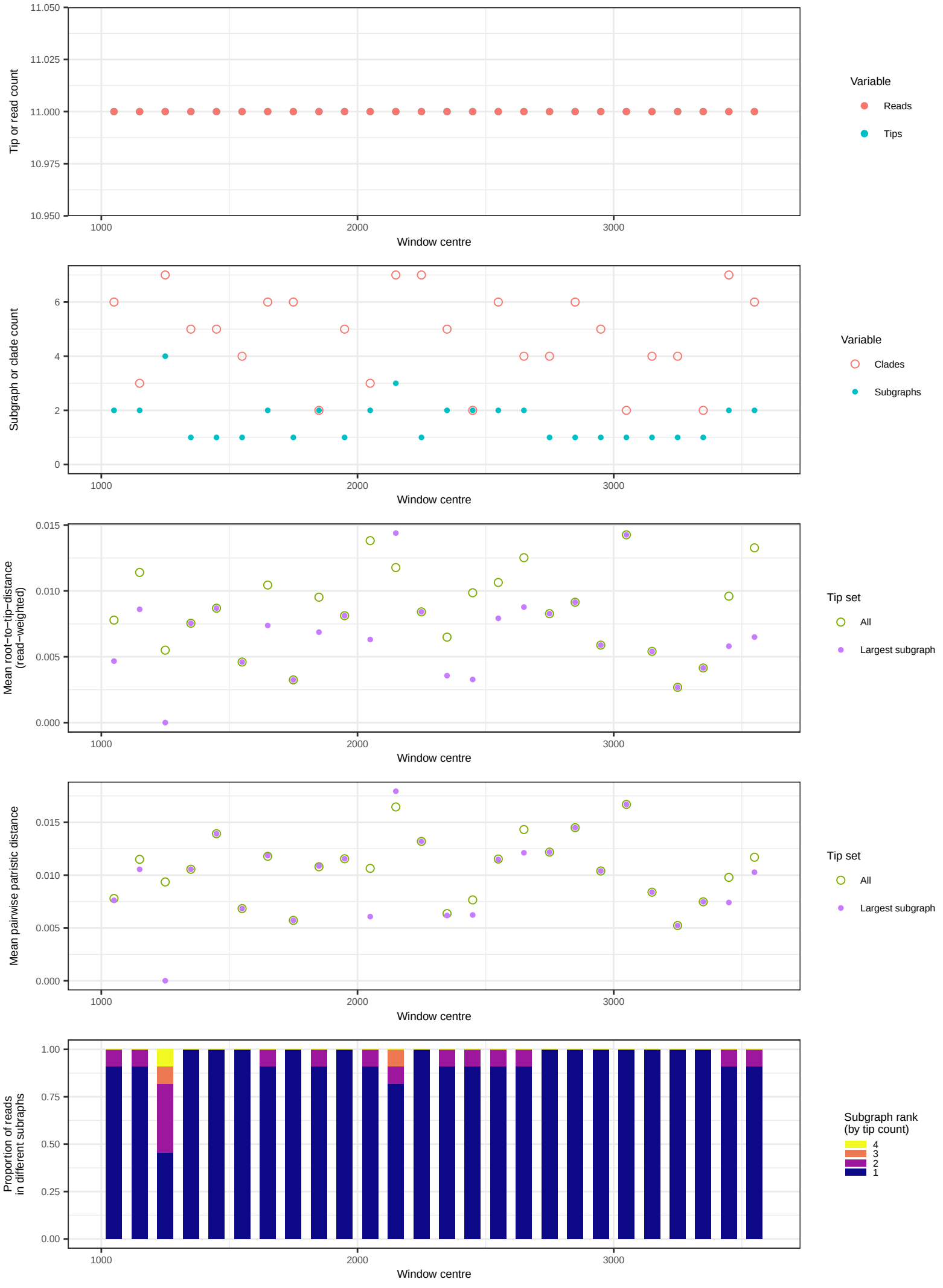

Subgraph or clade count
5
4
3
2
1
0
1000
2000
3000
Window centre
Variable
Clades
Subgraphs


Mean root−to−tip−distance
(read−weighted)
0.06
0.04
0.02
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

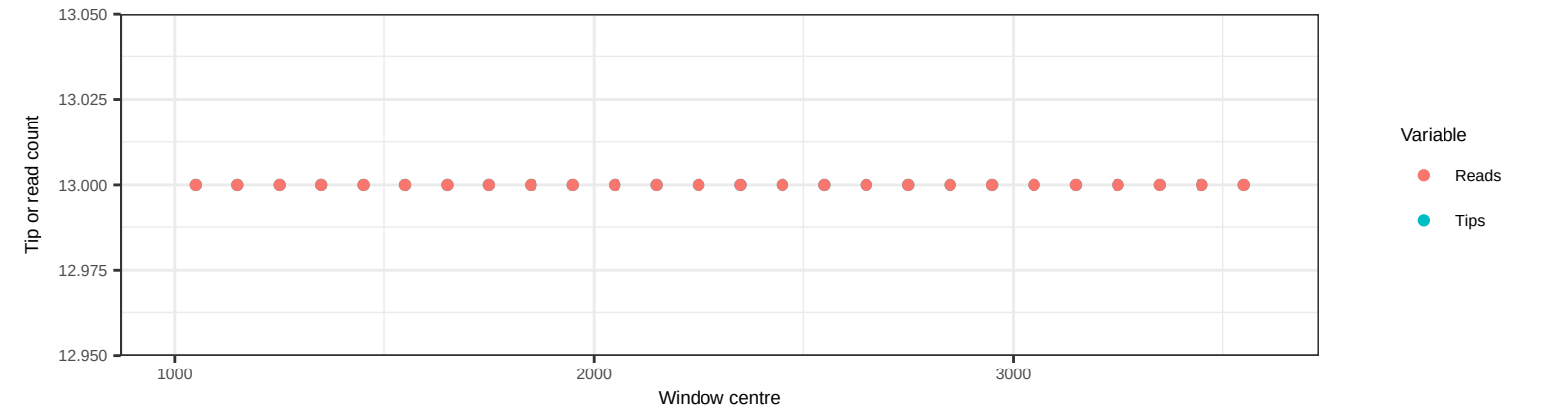

Mean pairwise patristic distance
0.03
0.02
0.01
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

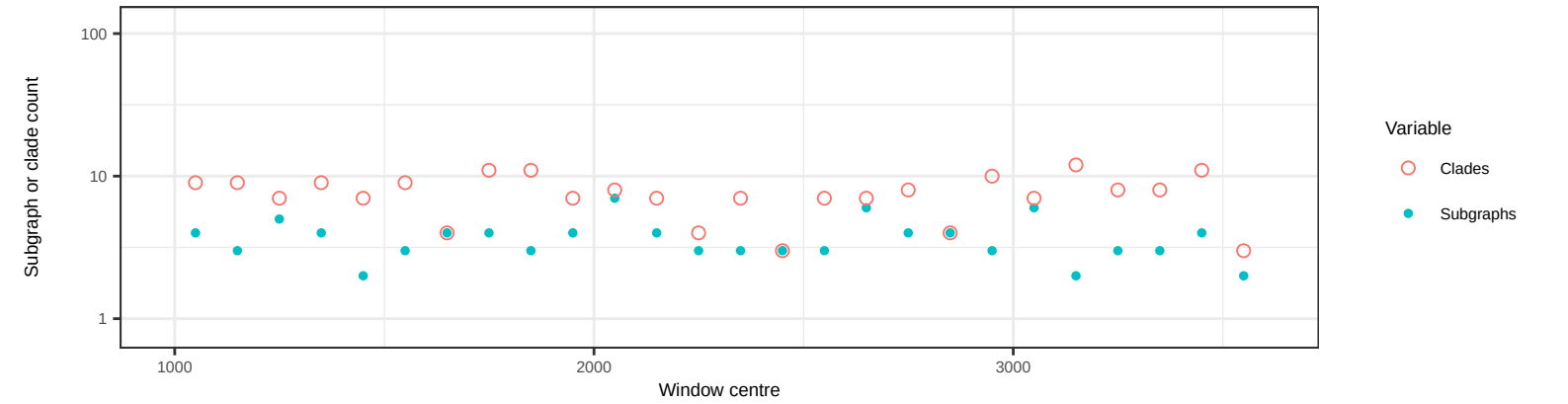

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
1000
2000
3000
Window centre
Subgraph rank
(by tip count)
5
4
3
2
1

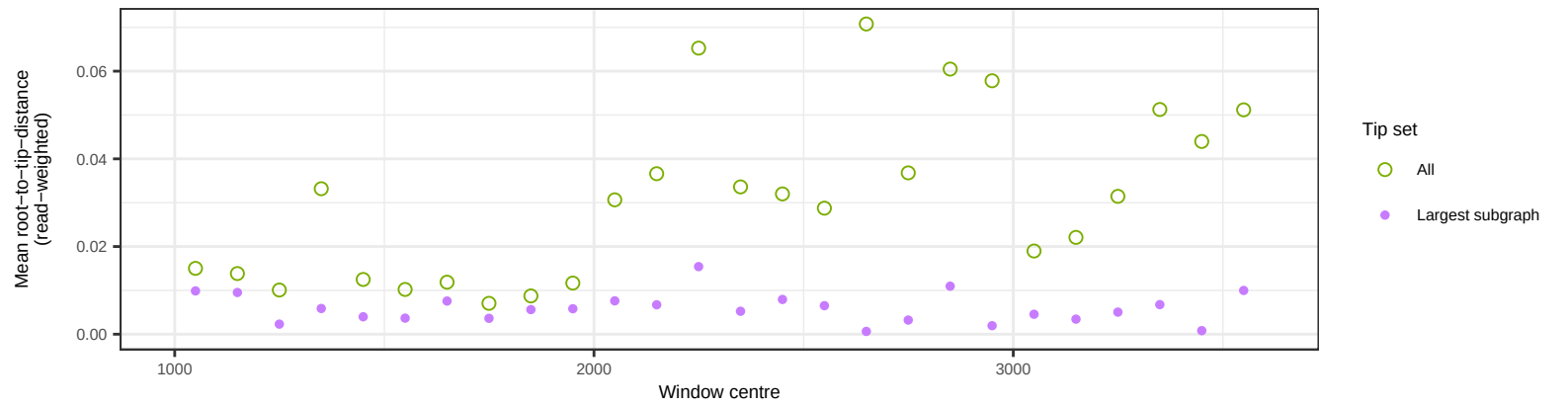
240

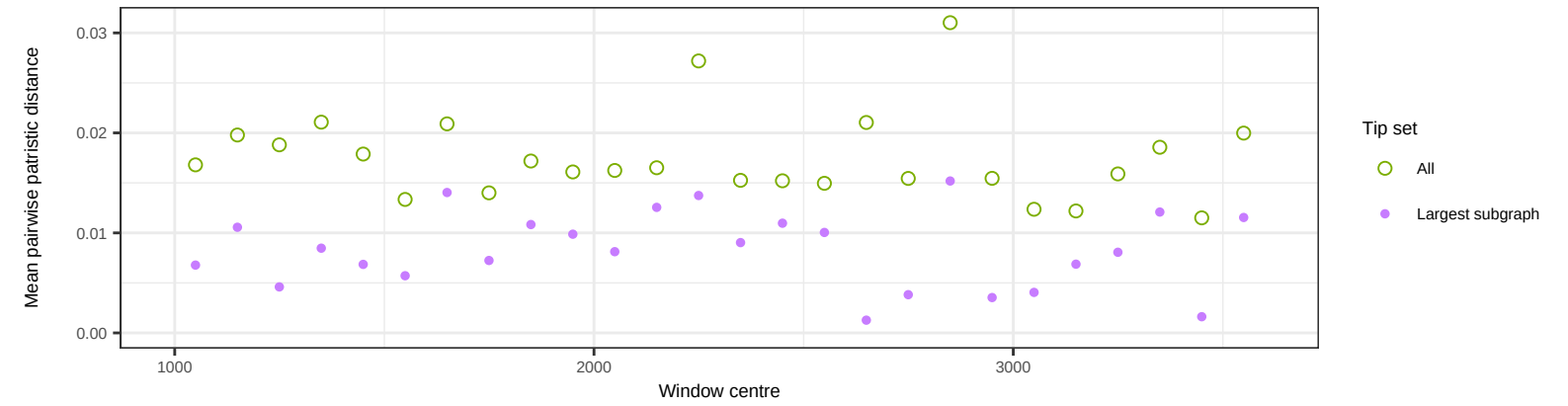

Tip or read count
11.050
11.025
11.000
10.975
10.950
1000
2000
3000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
4
2
0
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.015
0.010
0.005
0.000
Tip set
All
Largest subgraph
Mean pairwise patristic distance
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
Subgraph rank (by tip count)
4
3
2
1

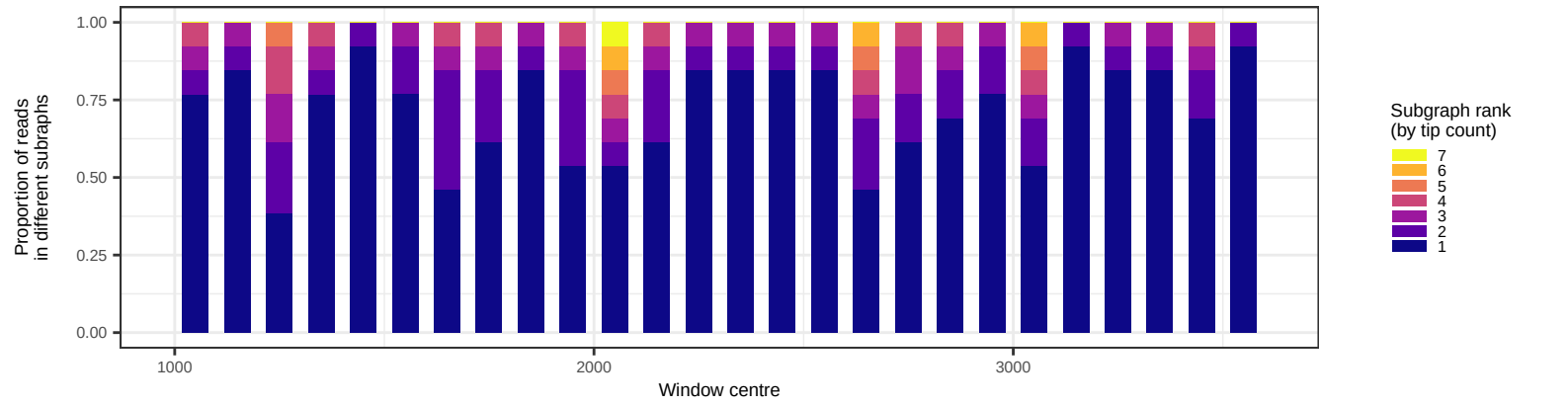
283


Tip or read count
13.050
13.025
13.000
12.975
12.950
1000
2000
3000
Window centre
Variable
Reads
Tips

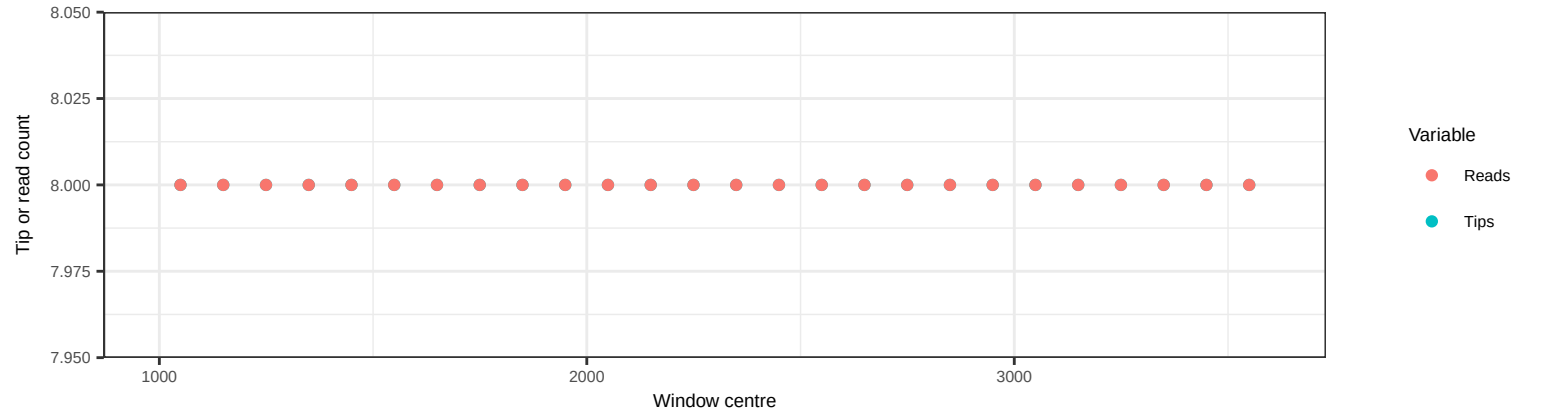

Subgraph or clade count
100
10
1
1000
2000
3000
Window centre
Variable
Clades
Subgraphs

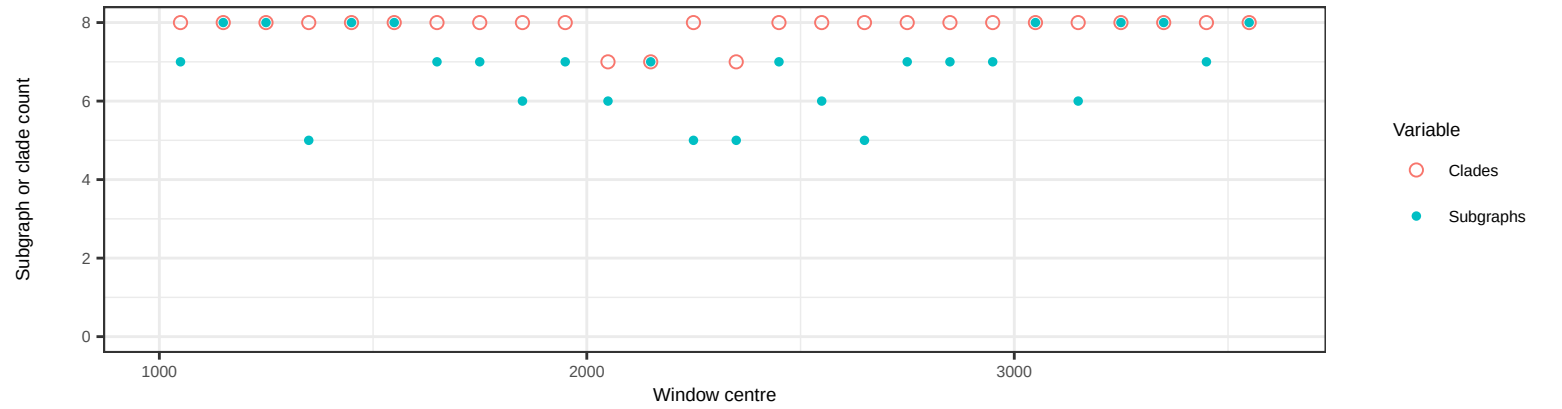

Mean root−to−tip−distance
(read−weighted)
0.06
0.04
0.02
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

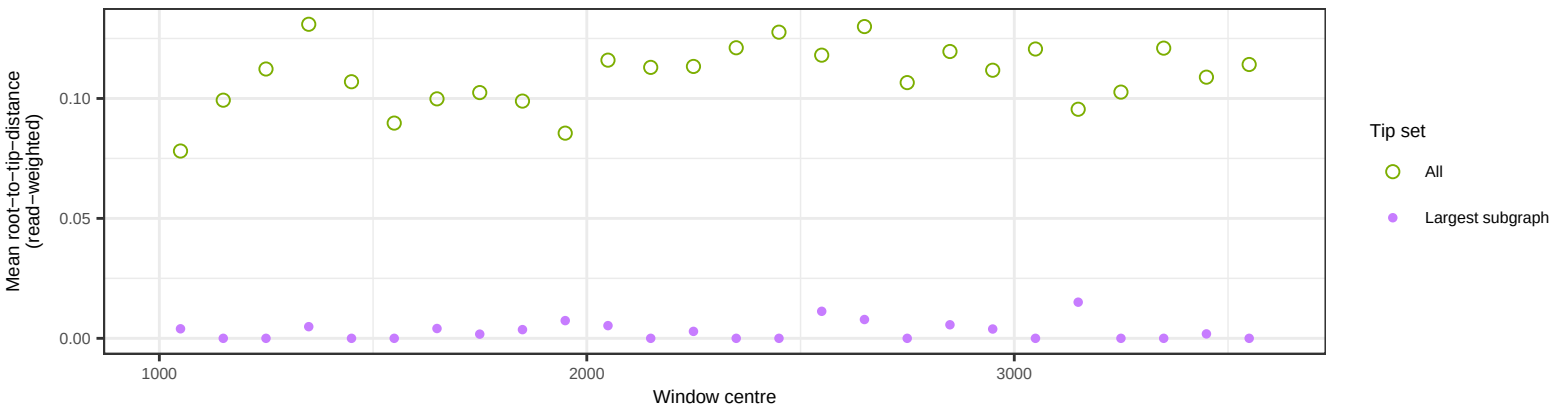

Mean pairwise patristic distance
0.03
0.02
0.01
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

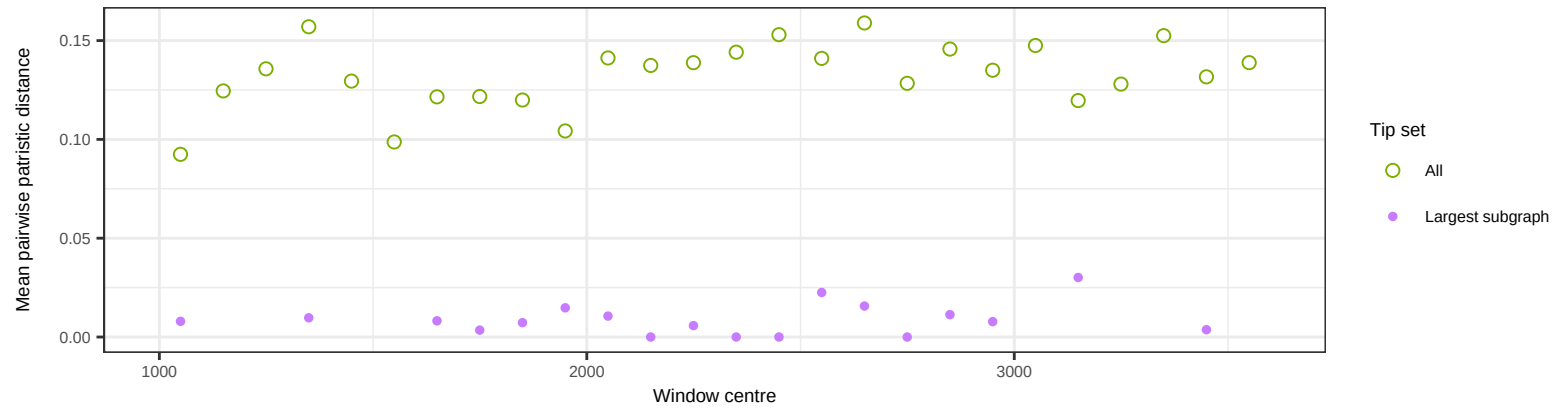

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
1000
2000
3000
Window centre
Subgraph rank
(by tip count)
7
6
5
4
3
2
1

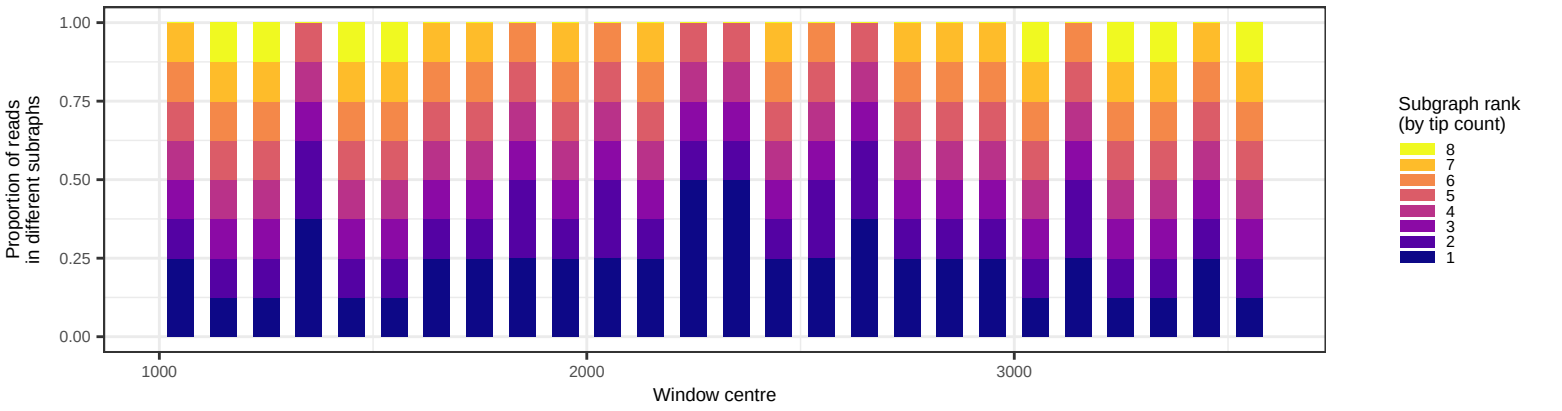
3


Tip or read count
8.050
8.025
8.000
7.975
7.950
1000
2000
3000
Window centre
Variable
Reads
Tips

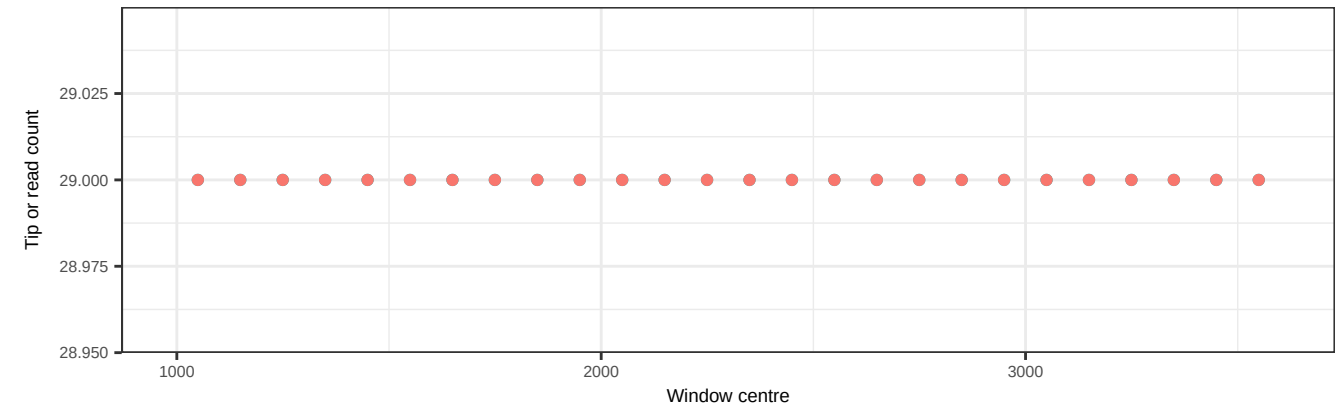

Subgraph or clade count
8
6
4
2
0
1000
2000
3000
Window centre
Variable
Clades
Subgraphs

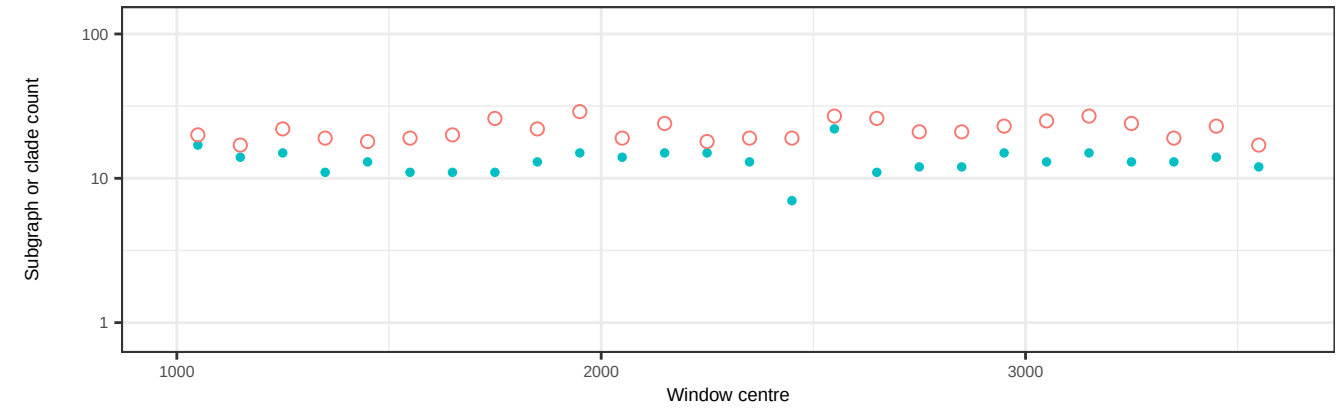

Mean root−to−tip−distance
(read−weighted)
0.10
0.05
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

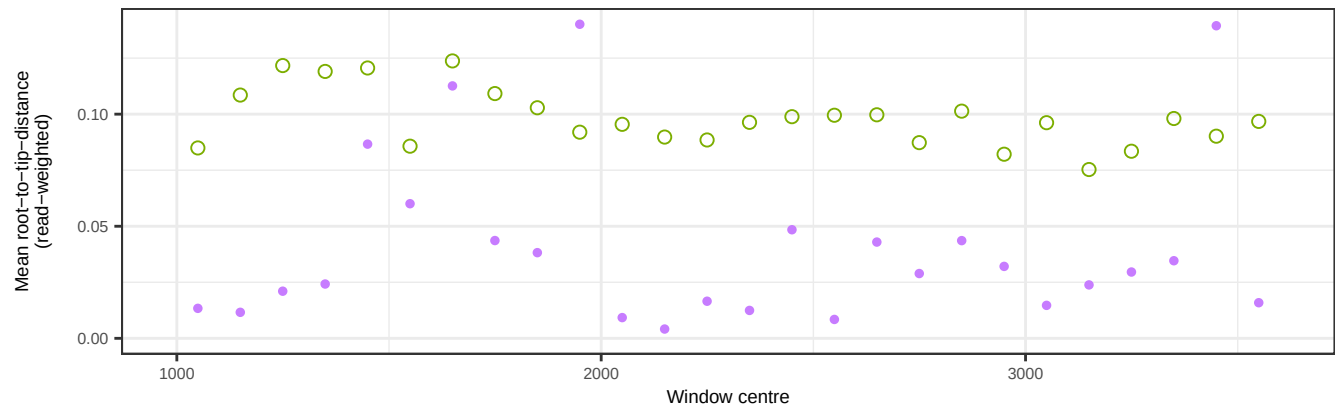

Mean pairwise patristic distance
0.15
0.10
0.05
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

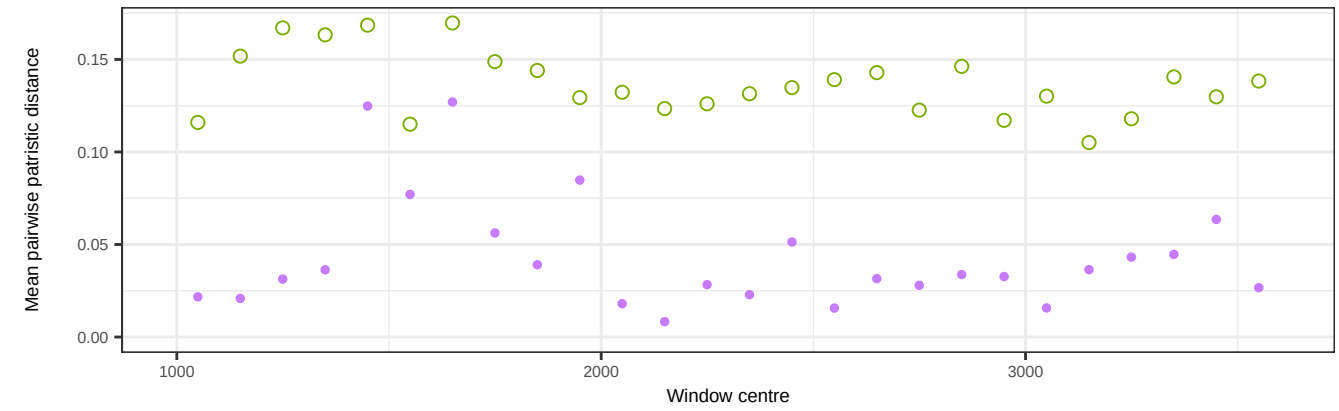

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
1000
2000
3000
Window centre
Subgraph rank
(by tip count)
8
7
6
5
4
3
2
1

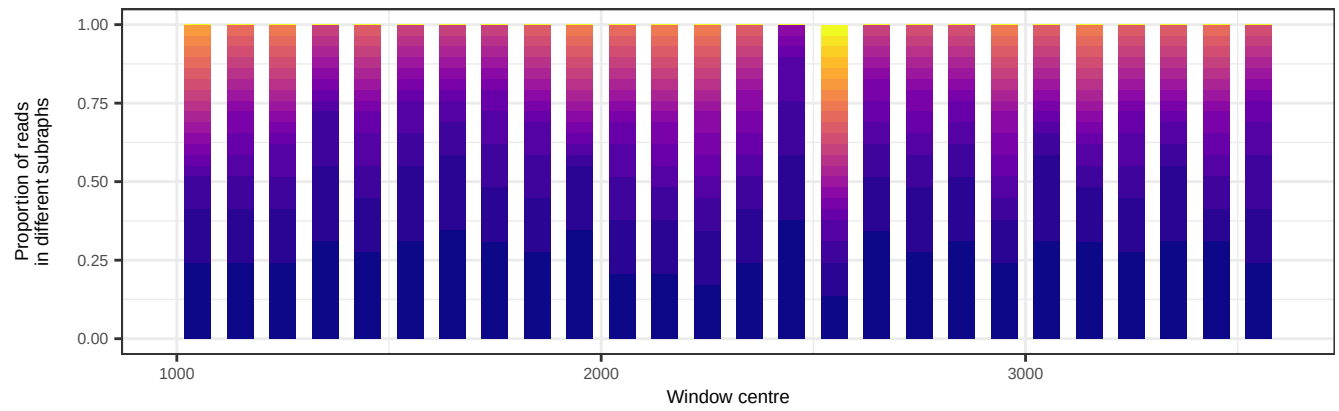
4

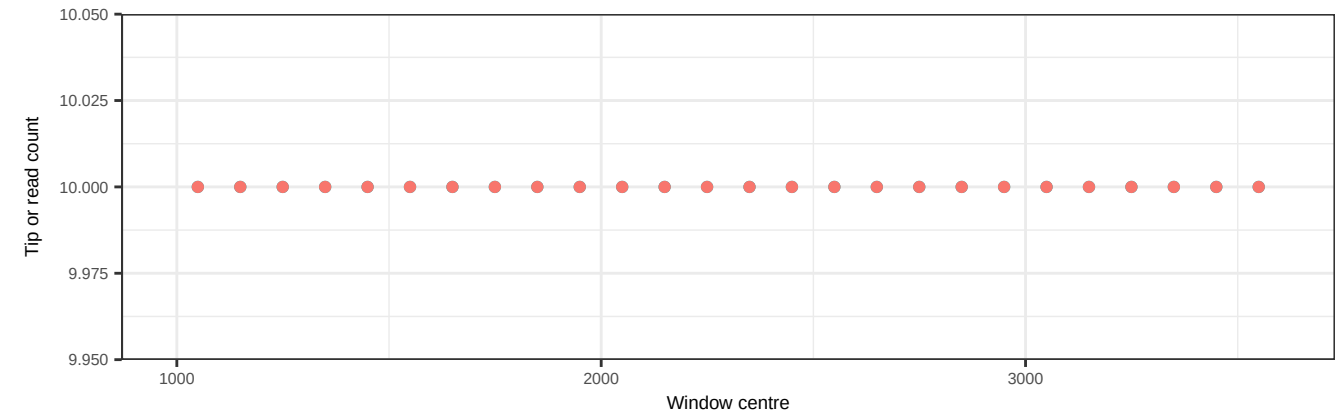

Tip or read count
29.025
29.000
28.975
28.950
1000
2000
3000
Window centre
Variable
Reads
Tips

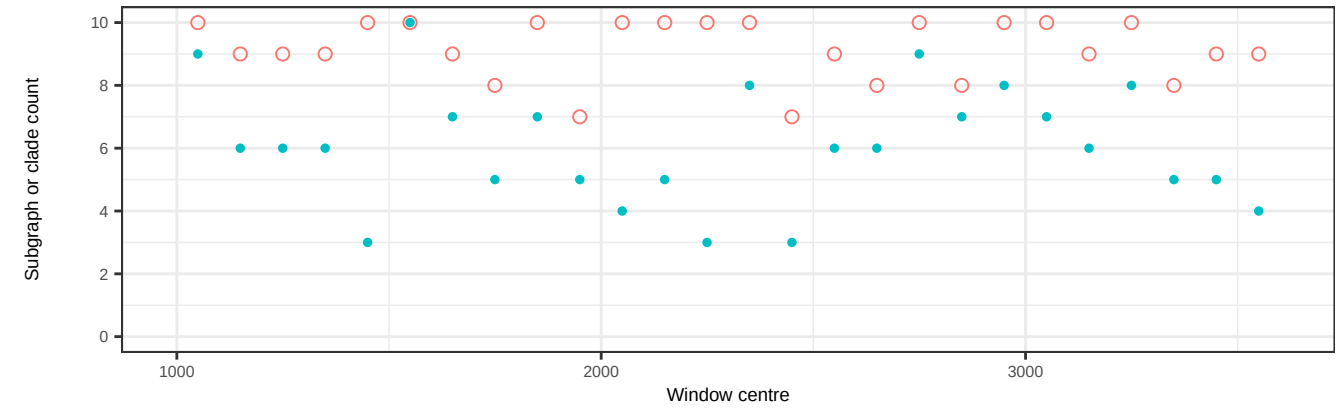

Subgraph or clade count
100
10
1
1000
2000
3000
Window centre
Variable
Clades
Subgraphs

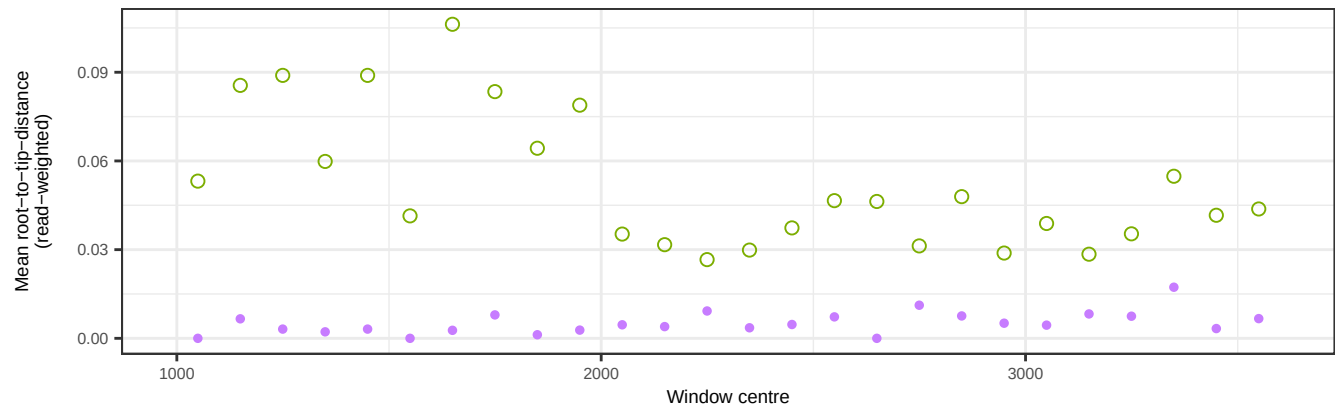

Mean root−to−tip−distance
(read−weighted)
0.10
0.05
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

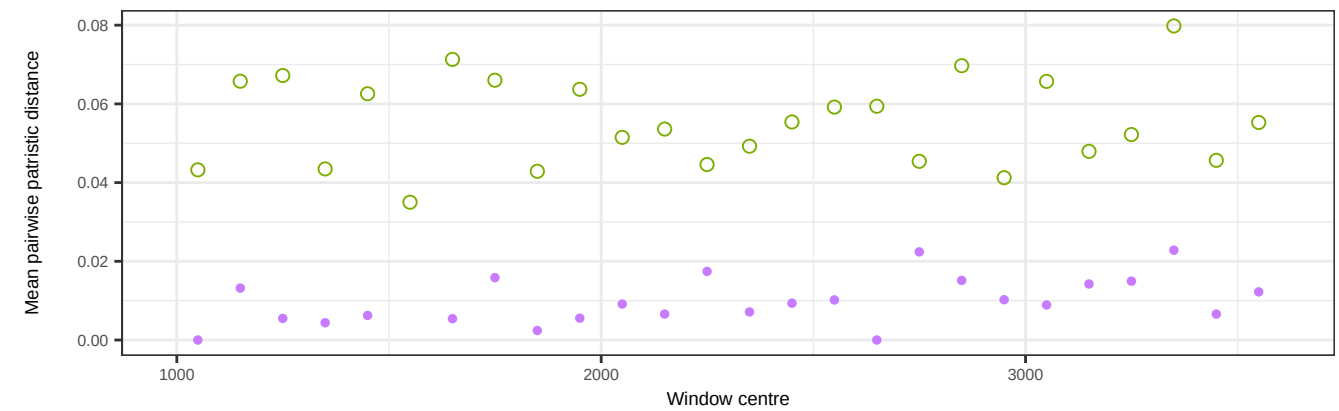

Mean pairwise patristic distance
0.15
0.10
0.05
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

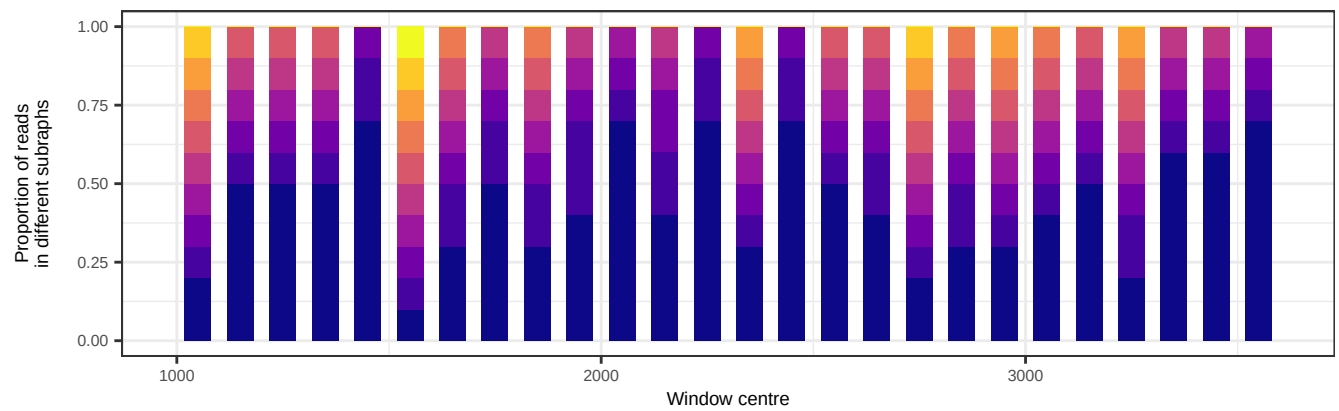

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
1000
2000
3000
Window centre
Subgraph rank
(by tip count)
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

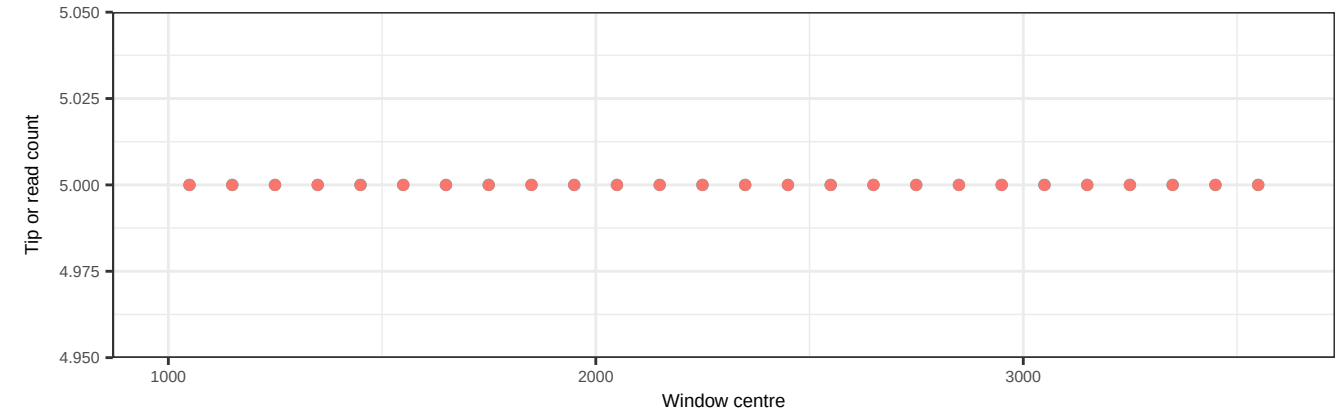

Tip or read count
10.050
10.025
10.000
9.975
9.950
1000
2000
3000
Window centre
Variable
Reads
Tips

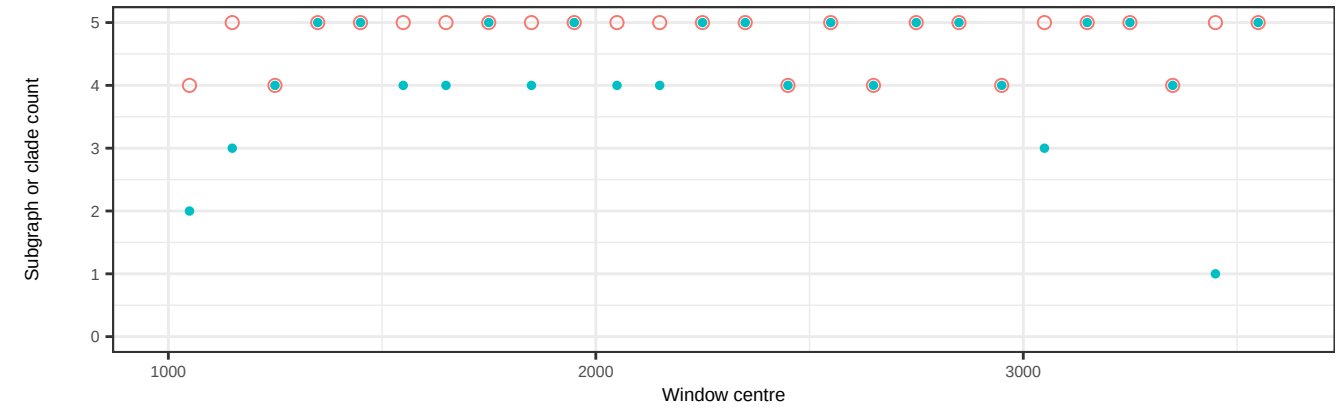

Subgraph or clade count
10
8
6
4
2
0
1000
2000
3000
Window centre
Variable
Clades
Subgraphs

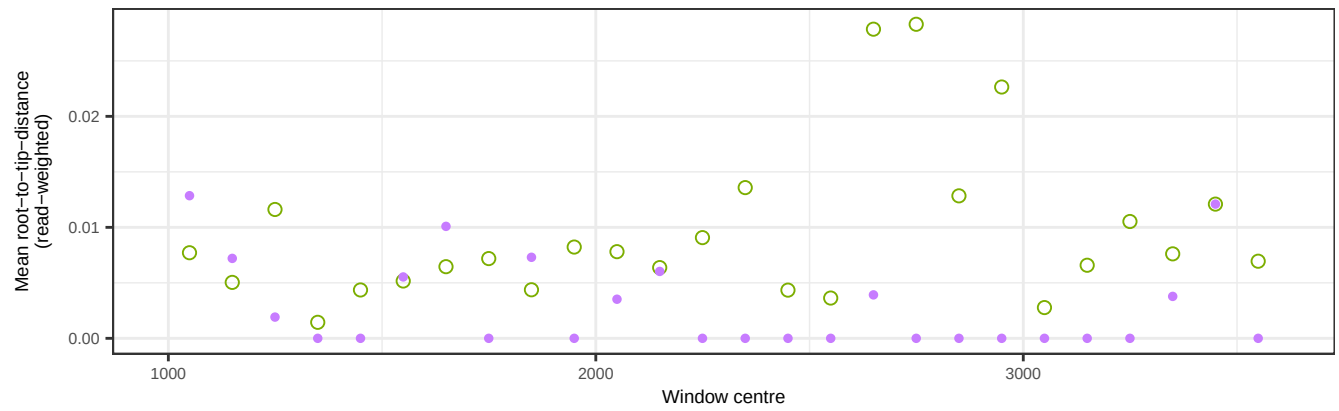

Mean root−to−tip−distance
(read−weighted)
0.09
0.06
0.03
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

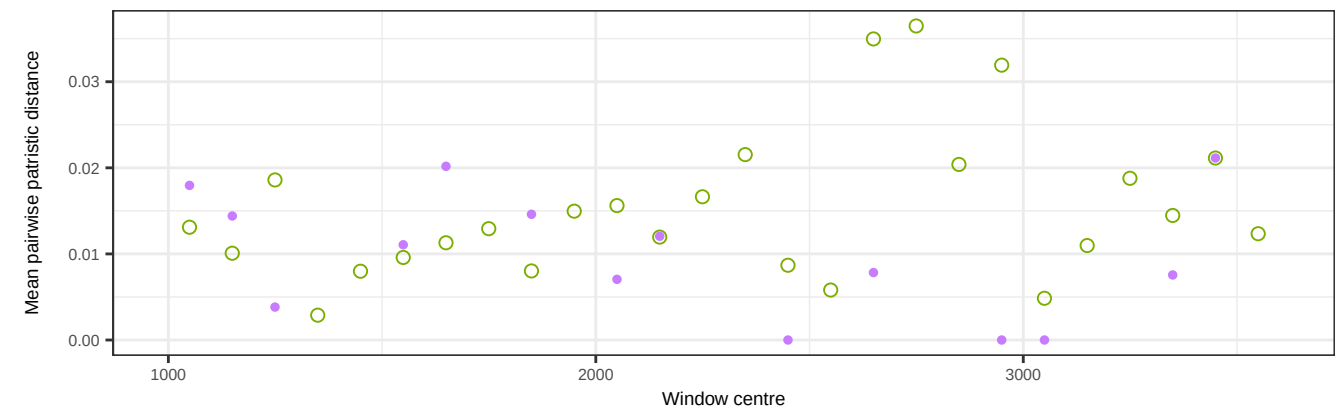

Mean pairwise patristic distance
0.08
0.06
0.04
0.02
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph

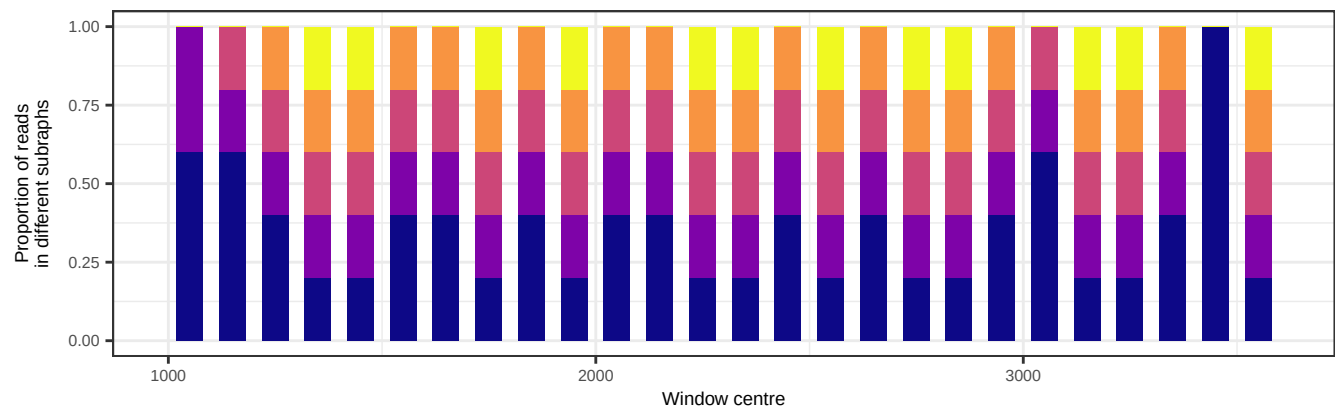

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
1000
2000
3000
Window centre
Subgraph rank
(by tip count)
10
9
8
7
6
5
4
3
2
1

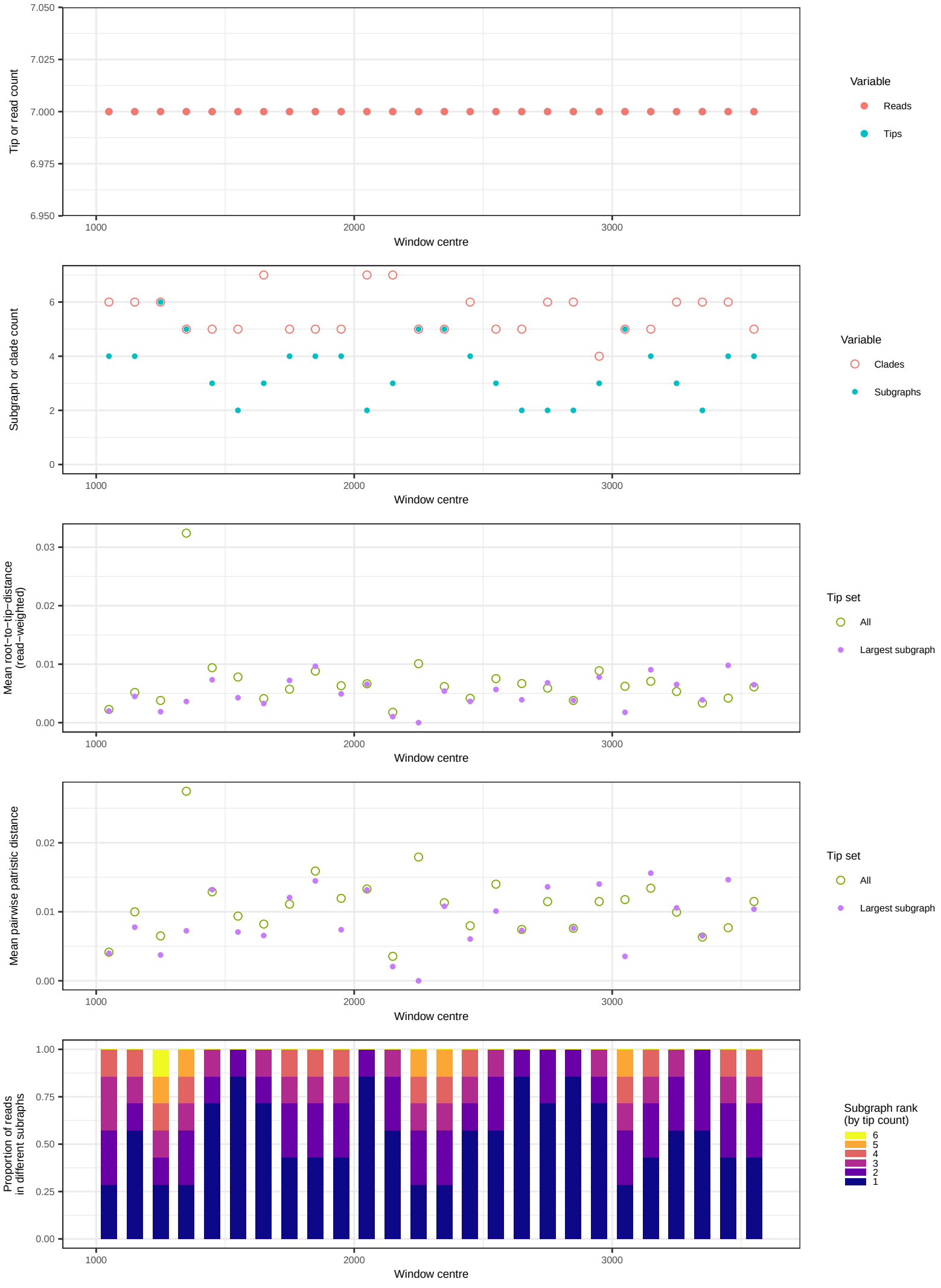

Tip or read count
5.050
5.025
5.000
4.975
4.950
1000
2000
3000
Window centre
Variable
Reads
Tips


Subgraph or clade count
5
4
3
2
1
0
1000
2000
3000
Window centre
Variable
Clades
Subgraphs


Mean root−to−tip−distance
(read−weighted)
0.02
0.01
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph


Mean pairwise patristic distance
0.03
0.02
0.01
0.00
1000
2000
3000
Window centre
Tip set
All
Largest subgraph


Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
1000
2000
3000
Window centre
Subgraph rank
(by tip count)
5
4
3
2
1


Tip or read count
7.050
7.025
7.000
6.975
6.950
1000
2000
3000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
4
2
0
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.03
0.02
0.01
0.00
Tip set
All
Largest subgraph
Mean pairwise patristic distance
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
Subgraph rank (by tip count)
6
5
4
3
2
1