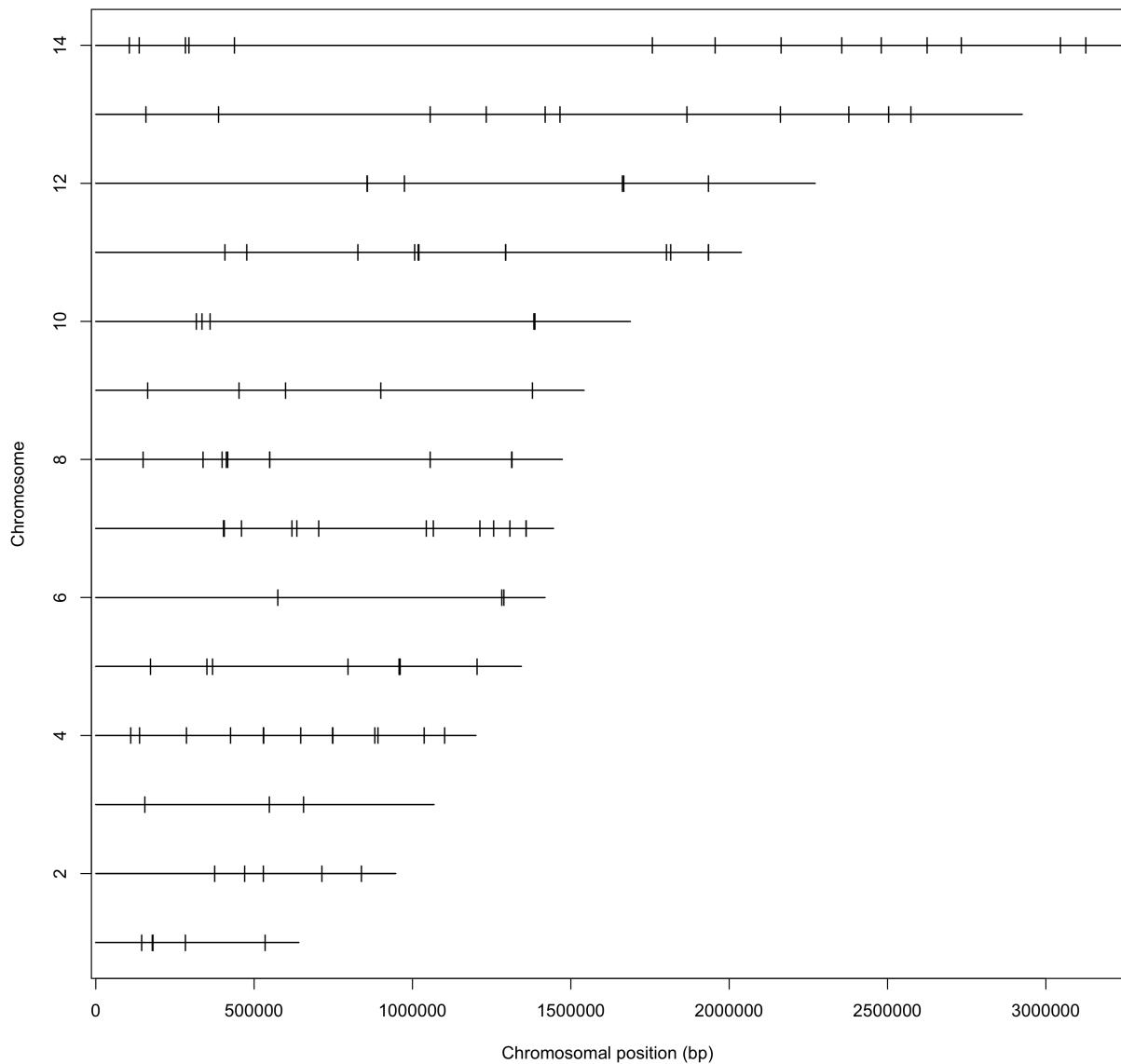
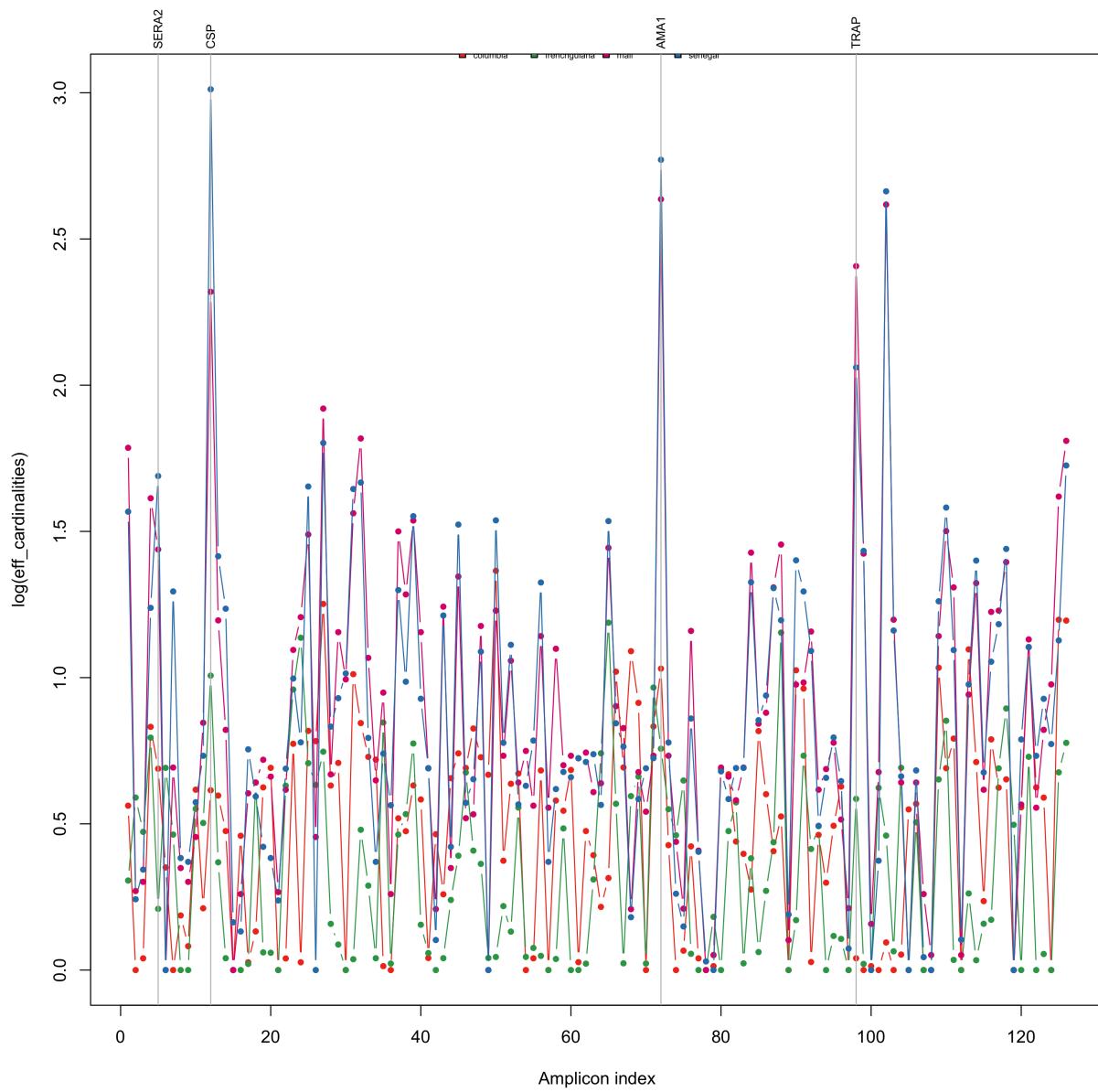
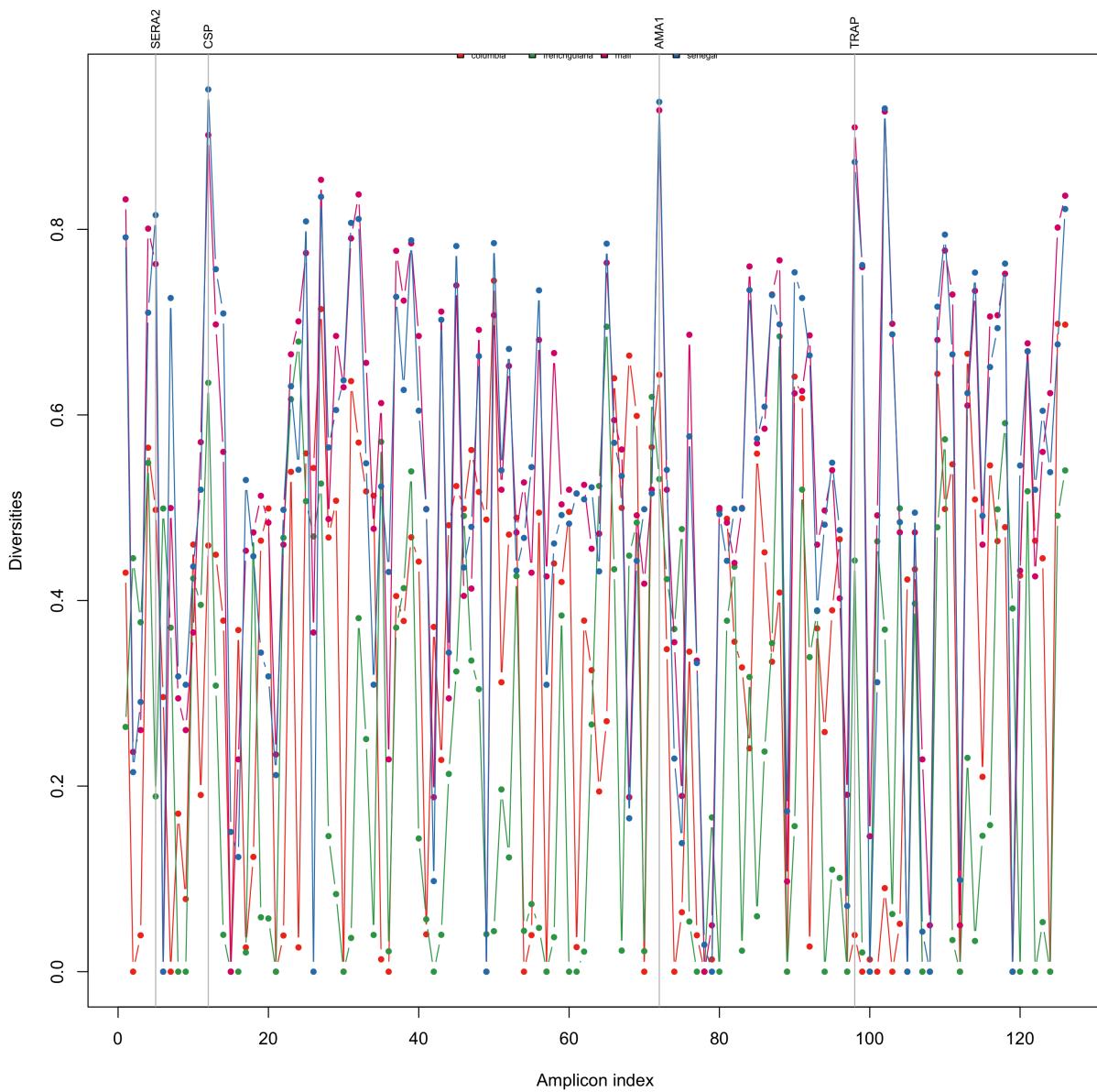
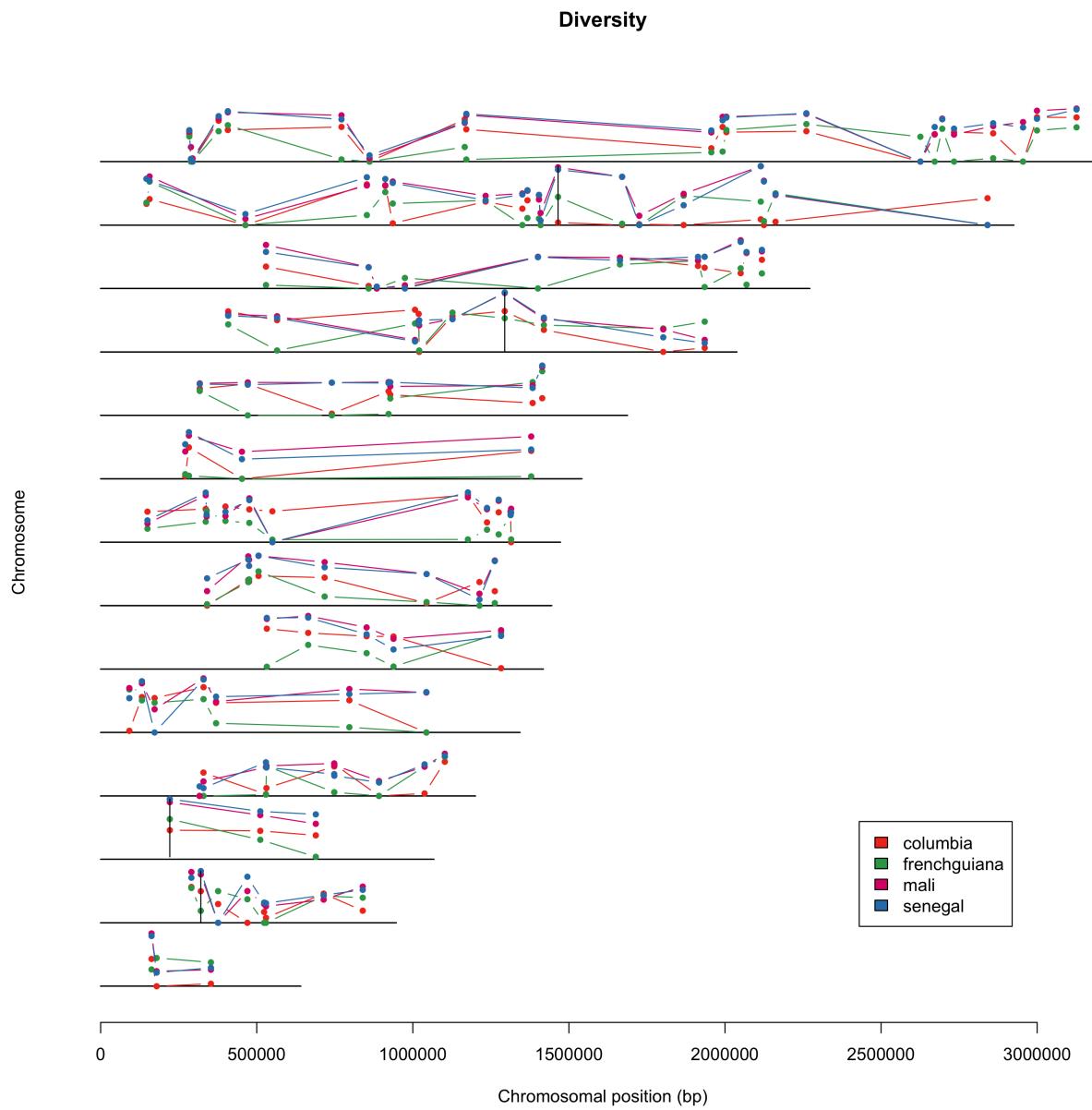


```
## [1] 1.645496
## [1] 194.1685
## [1] 2.207834
## [1] 278.1871
## CTSA (unordered) are labelled: zSERA2 zCSP zAMA1 zTRAP
```









```
## eff_cardinalities exc. CTSA:
```

	columbia	frenchguiana	mali	senegal
Min.	1.000000	1.000000	1.000000	1.000000
1st Qu.	1.040847	1.025993	1.707096	1.552466
Median	1.658977	1.257575	2.071784	2.086345
Mean	1.689397	1.457282	2.586055	2.530902
3rd Qu.	1.996467	1.772184	3.186969	3.075255
Max.	3.916691	3.279790	13.702710	14.337989

```
## eff_cardinalities inc. CTSA:
```

	columbia	frenchguiana	mali	senegal
Min.	1.000000	1.000000	1.000000	1.000000
1st Qu.	1.041014	1.034482	1.724549	1.667473
Median	1.685487	1.285099	2.080711	2.111528
Mean	1.696753	1.473696	2.816963	2.843923
3rd Qu.	1.996467	1.801669	3.311830	3.296494
Max.	3.916691	3.279790	13.954137	20.325287

Diversities exc. CTSA:

	columbia	frenchguiana	mali	senegal
Min.	0.000000	0.000000	0.000000	0.000000
1st Qu.	0.0392444	0.0253136	0.4142009	0.3552388
Median	0.3971216	0.2047308	0.5173151	0.5206892
Mean	0.3268068	0.2410120	0.5075507	0.4947930
3rd Qu.	0.4991151	0.4357220	0.6862219	0.6748099
Max.	0.7446824	0.6951025	0.9270217	0.9302552

Diversities inc. CTSA:

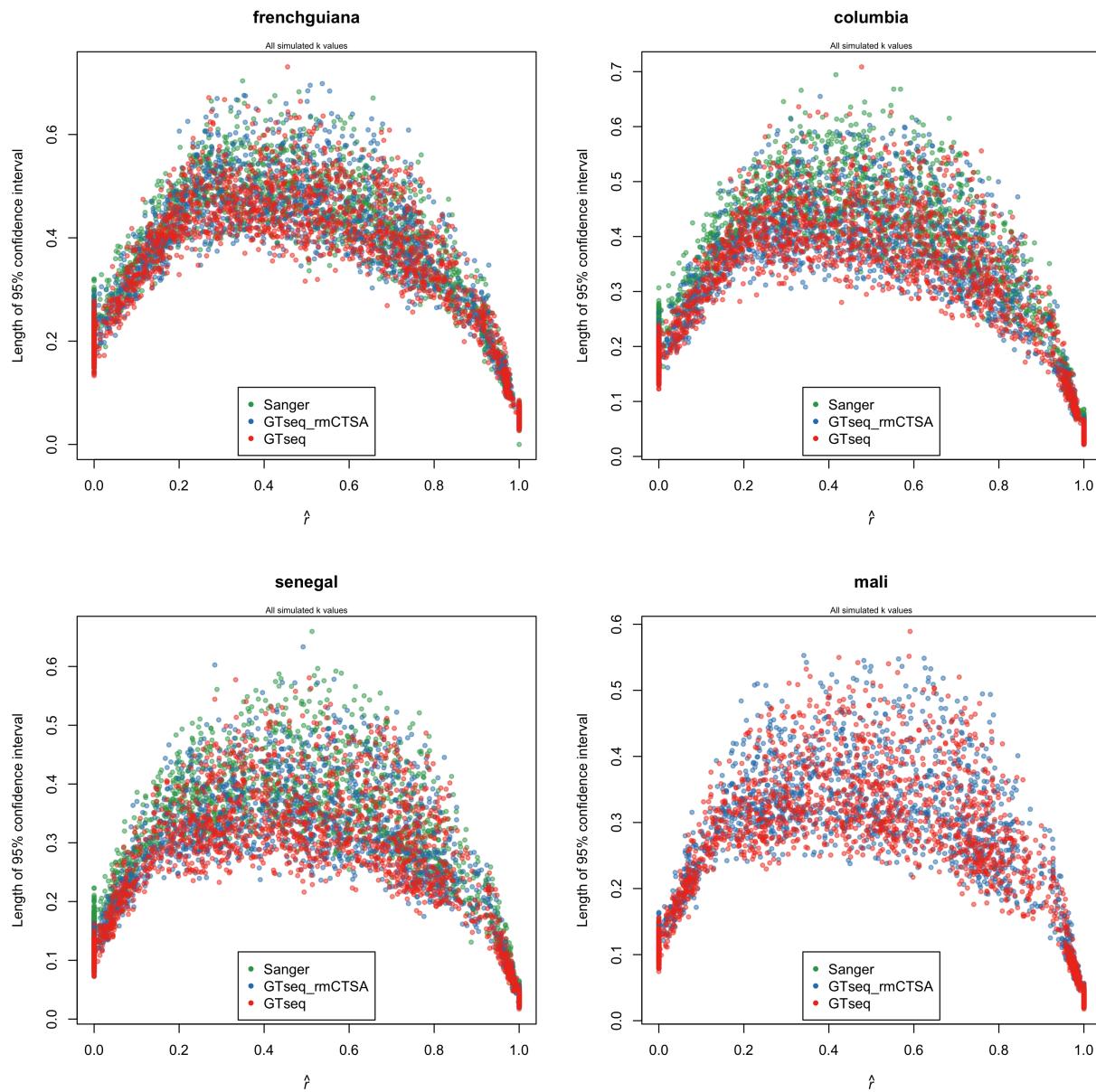
	columbia	frenchguiana	mali	senegal
Min.	0.000000	0.000000	0.000000	0.000000
1st Qu.	0.0393976	0.0333324	0.4201181	0.3997353
Median	0.4066936	0.2217531	0.5193950	0.5263840
Mean	0.3294454	0.2476264	0.5192362	0.5074676
3rd Qu.	0.4991151	0.4449570	0.6980519	0.6966370
Max.	0.7446824	0.6951025	0.9283367	0.9508002

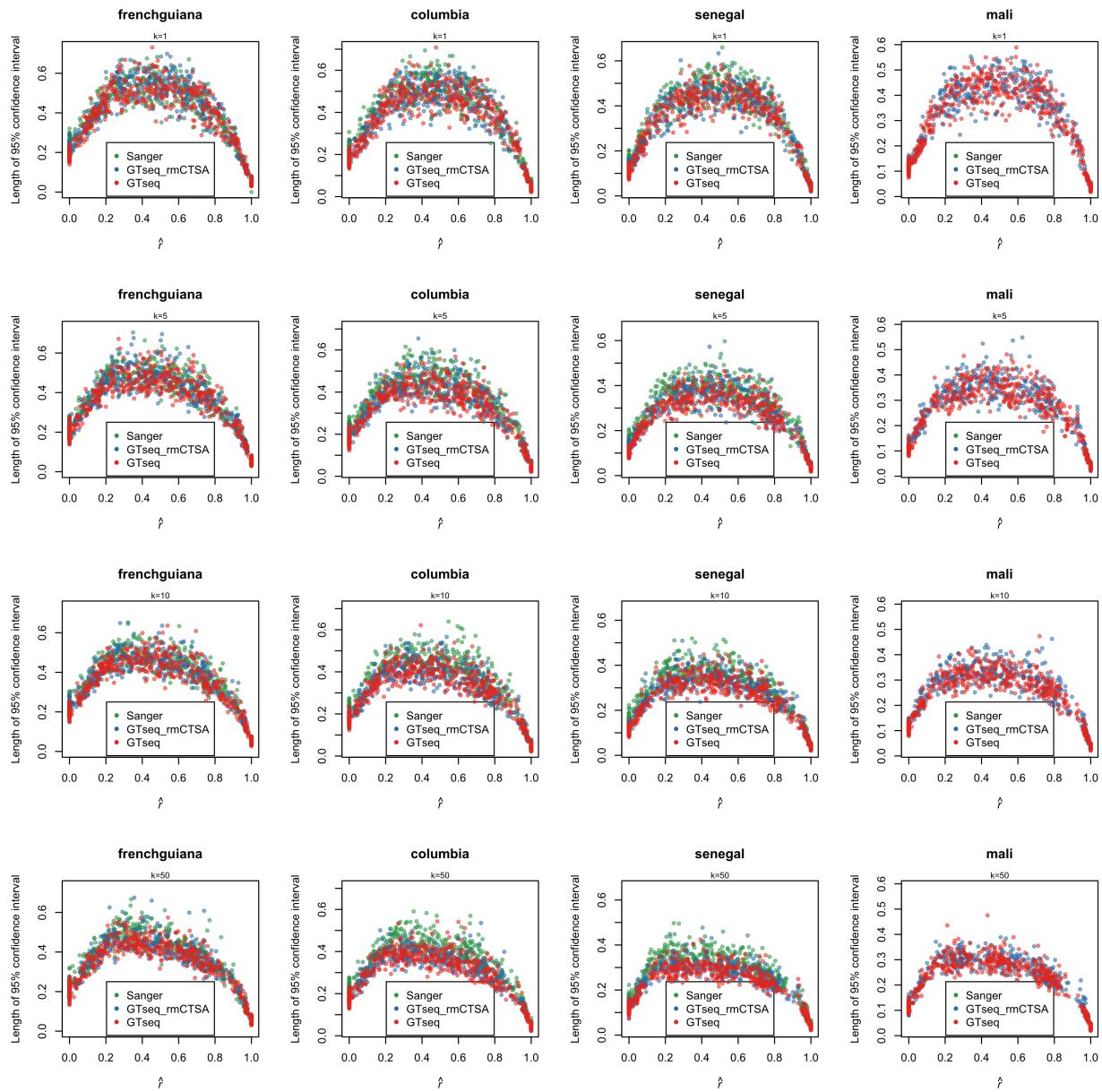
Top three:

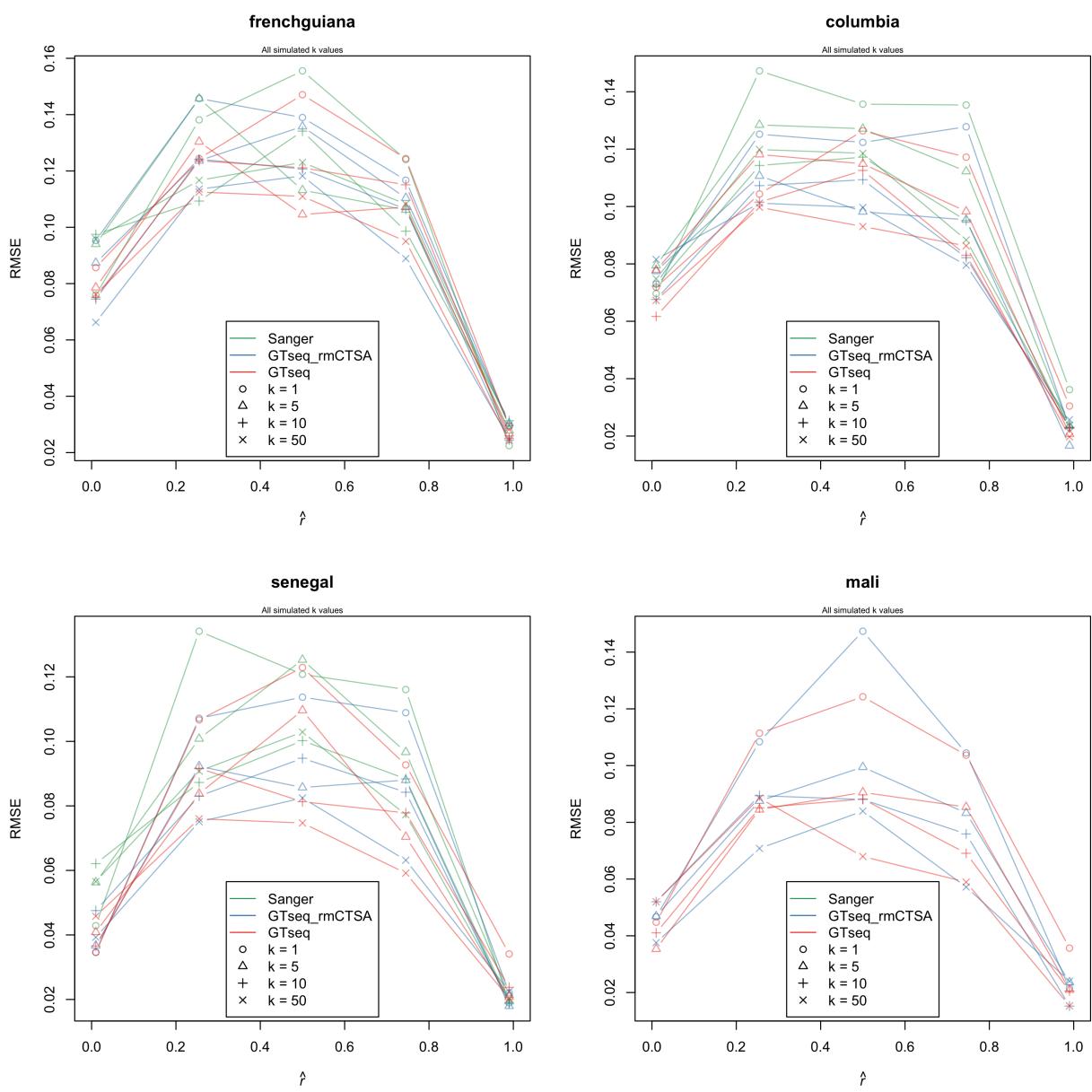
	eff_cardinality	Diversity
columbia.PF3D7_0827100	3.92	0.74
columbia.P38	3.50	0.71
columbia.PF3D7_1473700	3.31	0.70
frenchguiana.PF3D7_1035700	3.28	0.70
frenchguiana.PF3D7_1302900	3.17	0.68
frenchguiana.PF3D7_0501800	3.12	0.68
mali.zAMA1	13.95	0.93
mali.PF3D7_1352900	13.70	0.93
mali.zTRAP	11.10	0.91
senegal.zCSP	20.33	0.95
senegal.zAMA1	15.97	0.94
senegal.PF3D7_1352900	14.34	0.93

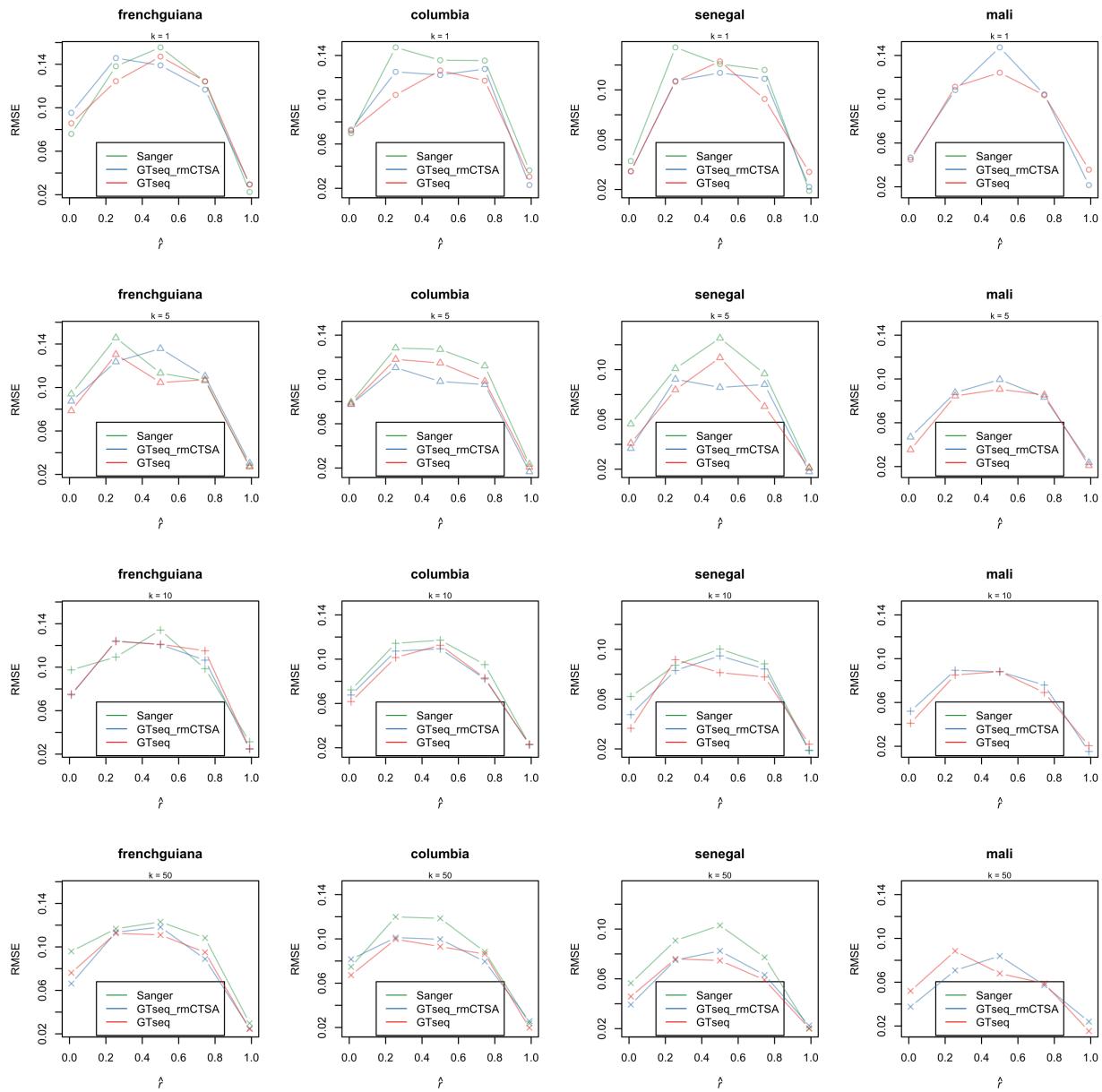
```
## Warning in readChar(con, 5L, useBytes = TRUE): cannot open compressed file
## '../RData/Sanger_Amplicon_SimResults_mali.Rdata', probable reason 'No such
## file or directory'
```

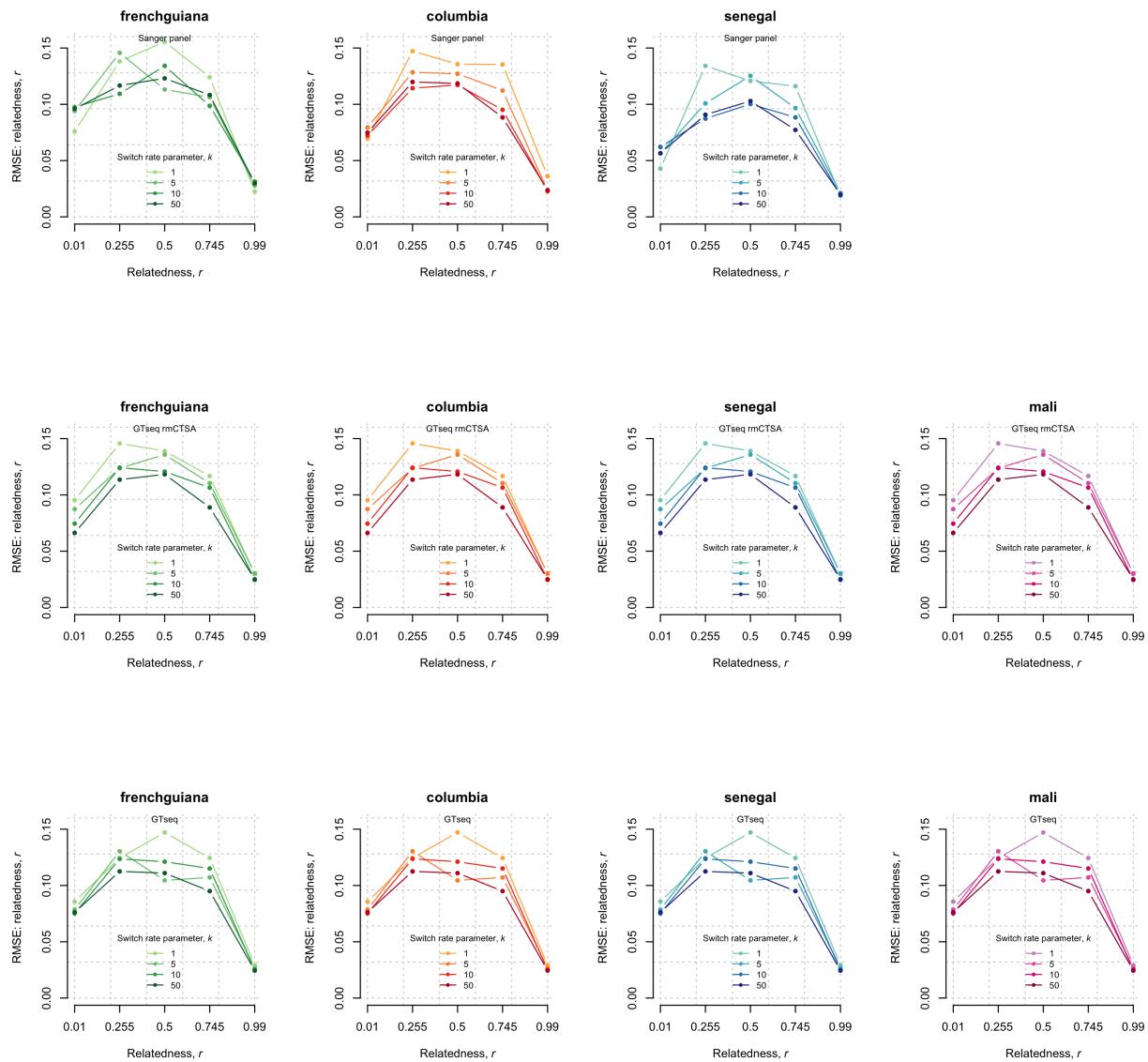
```
## Warning in readChar(con, 5L, useBytes = TRUE): cannot open compressed file
## '../RData/Sanger_Amplicon_SimResults_mali.Rdata', probable reason 'No such
## file or directory'
```











```

## Warning in readChar(con, 5L, useBytes = TRUE): cannot open compressed file
## '../RData/Sanger_Amplicon_SimResults_mali.Rdata', probable reason 'No such
## file or directory'

## Warning in readChar(con, 5L, useBytes = TRUE): cannot open compressed file
## '../RData/Sanger_Amplicon_SimResults_mali.Rdata', probable reason 'No such
## file or directory'

## Warning in readChar(con, 5L, useBytes = TRUE): cannot open compressed file
## '../RData/Sanger_Amplicon_SimResults_mali.Rdata', probable reason 'No such
## file or directory'

## Warning in readChar(con, 5L, useBytes = TRUE): cannot open compressed file
## '../RData/Sanger_Amplicon_SimResults_mali.Rdata', probable reason 'No such
## file or directory'

```

```

## file or directory'

## Warning in readChar(con, 5L, useBytes = TRUE): cannot open compressed file
## '../RData/Sanger_Amplicon_SimResults_mali.Rdata', probable reason 'No such
## file or directory'

```

