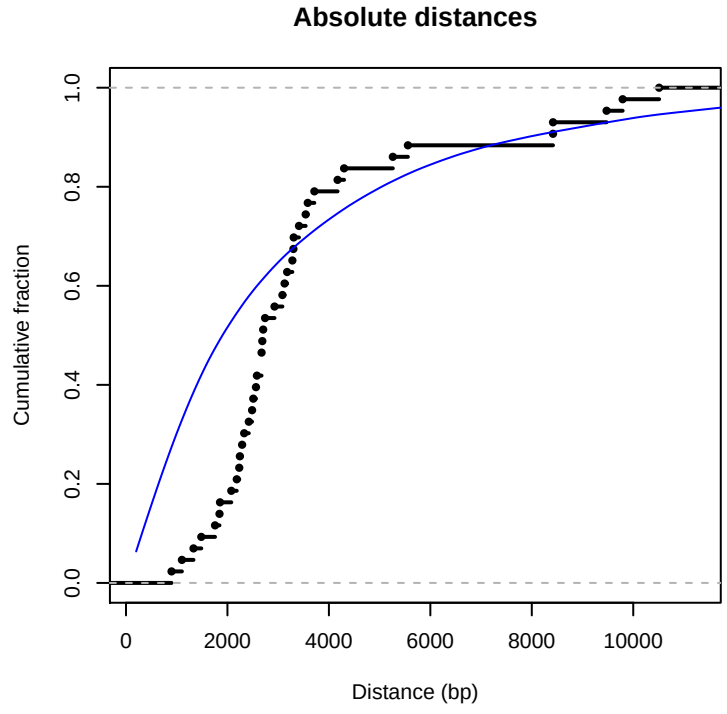
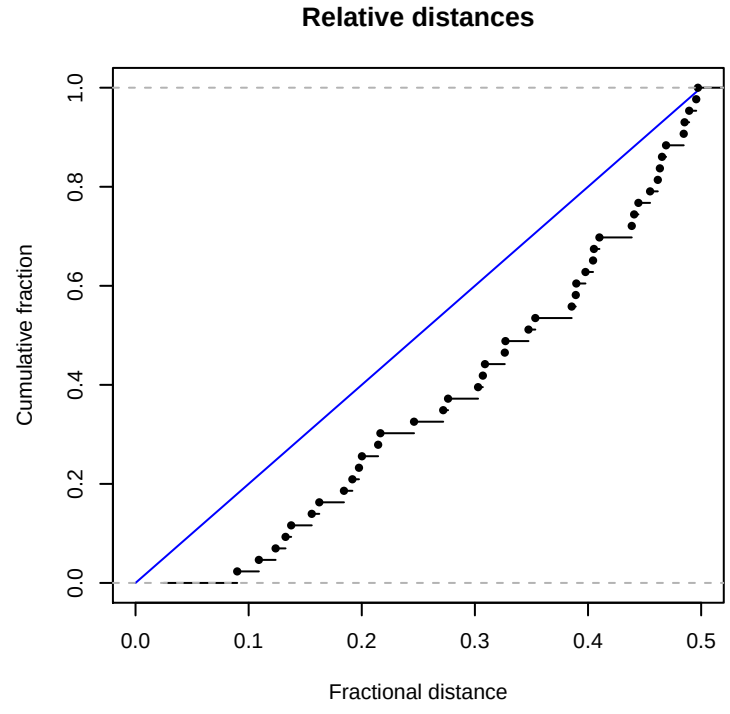
pcontig_000

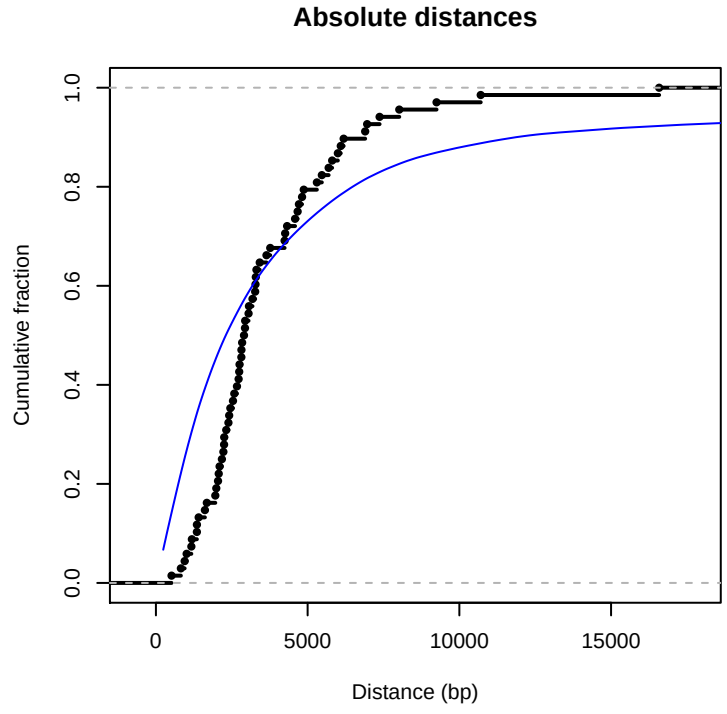
Query population : 43
Reference population : 487
Relative Ks p−value : 0.013537
Relative ecdf deviation area : 0.0767065
Relative ecdf area correlation : −0.307487
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : 0.47
Scaled Absolute min. lower tail : FALSE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 8.79025e−06
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

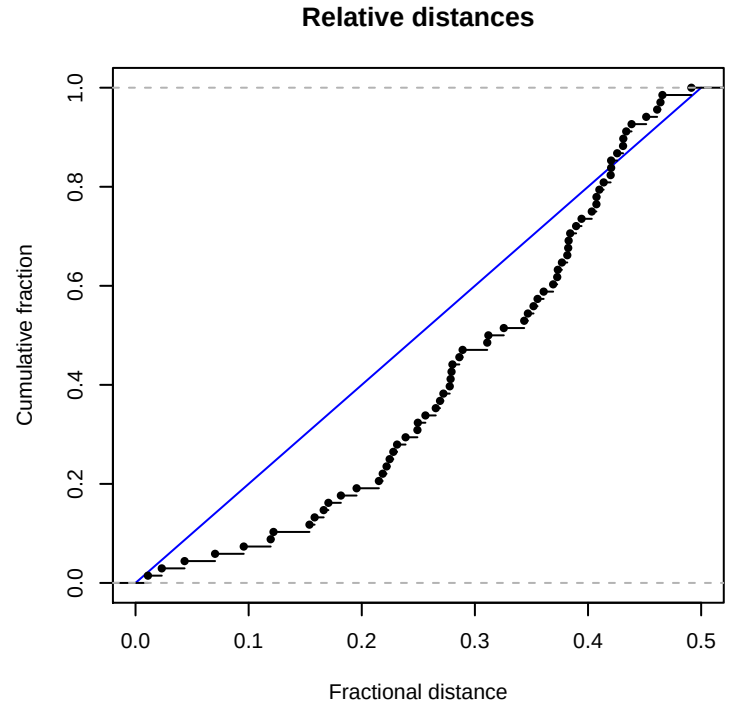




pcontig_001

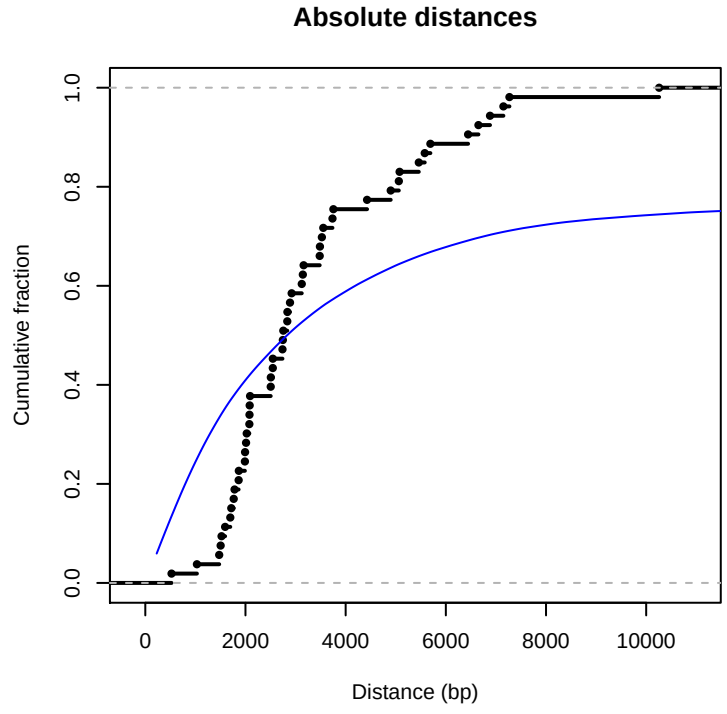
Query population : 68
Reference population : 427
Relative Ks p−value : 0.000662792
Relative ecdf deviation area : 0.0579883
Relative ecdf area correlation : −0.214858
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : 0.03
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 1.52388e−07
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

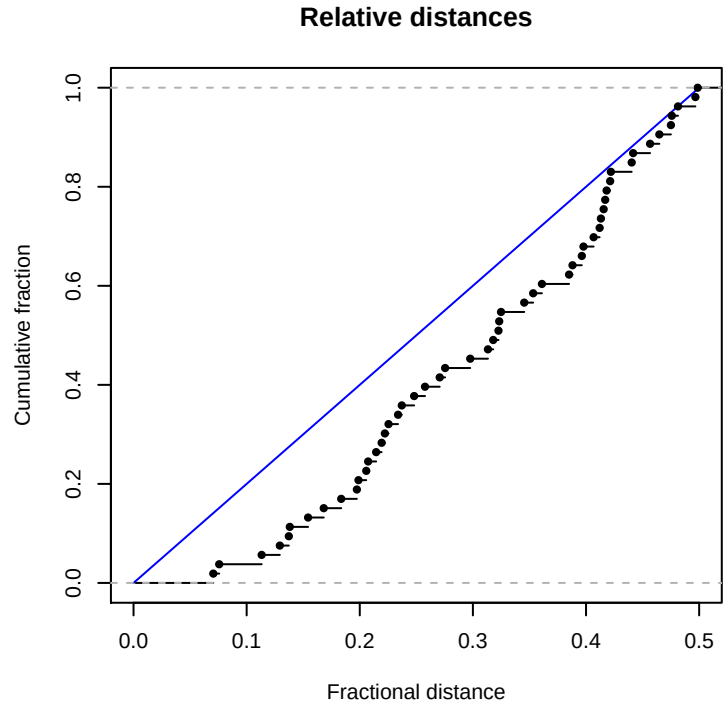




pcontig_002

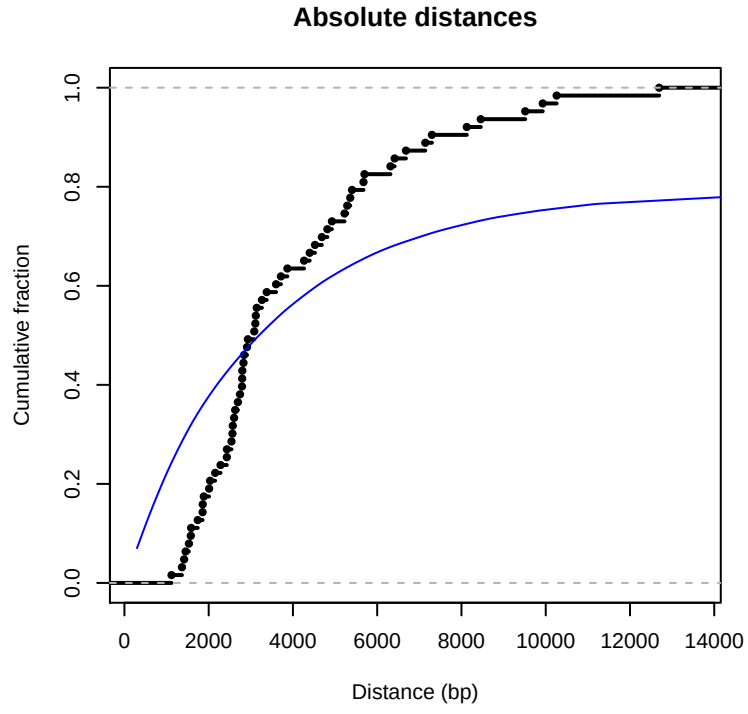
Query population : 53
Reference population : 400
Relative Ks p−value : 0.0077131
Relative ecdf deviation area : 0.0607668
Relative ecdf area correlation : −0.242798
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 4.68586e−06
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

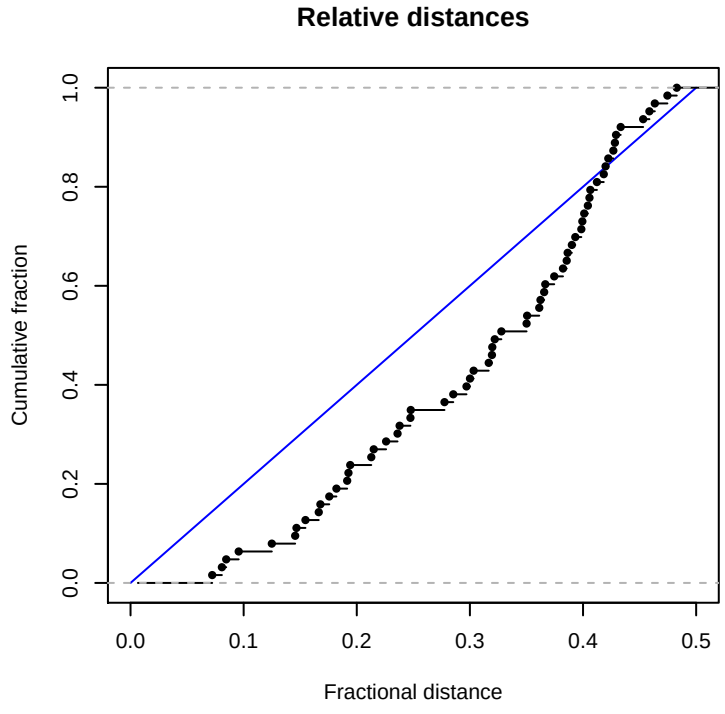




pcontig_003

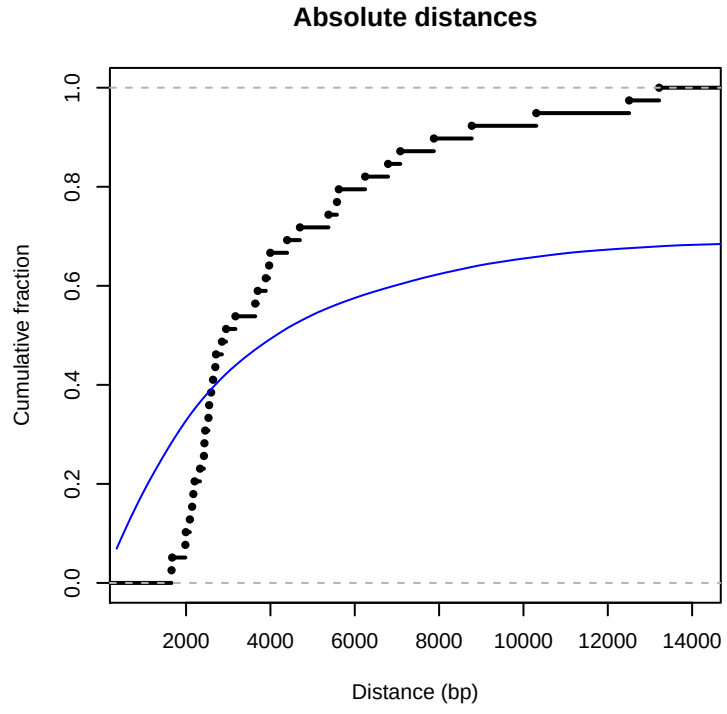
Query population : 63
Reference population : 360
Relative Ks p−value : 0.00548144
Relative ecdf deviation area : 0.0635125
Relative ecdf area correlation : −0.236458
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 1.2875e−05
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

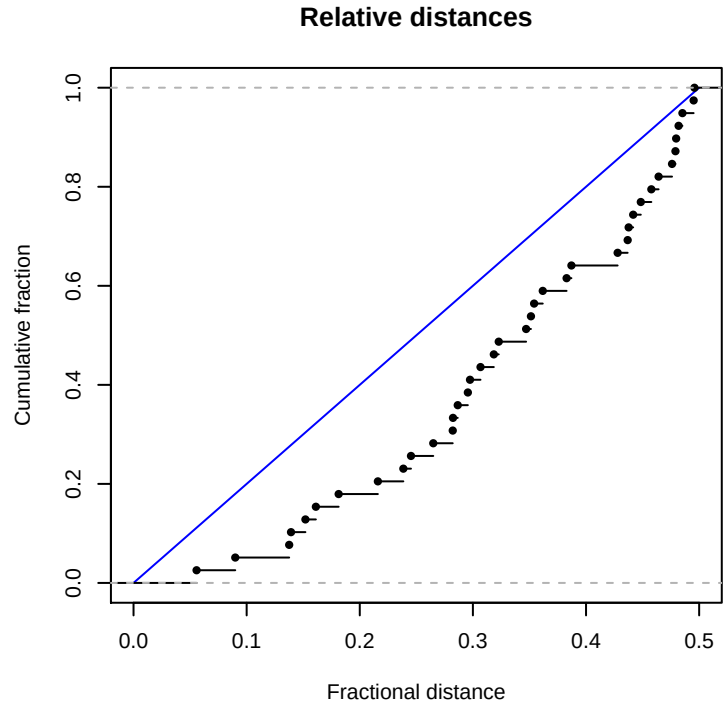




pcontig_004

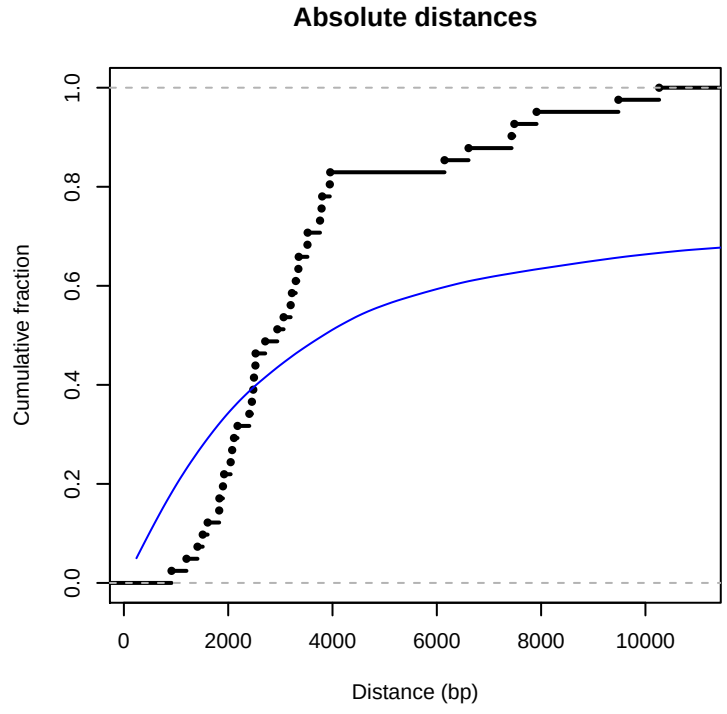
Query population : 39
Reference population : 300
Relative Ks p−value : 0.00304729
Relative ecdf deviation area : 0.082907
Relative ecdf area correlation : −0.329759
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00113641
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

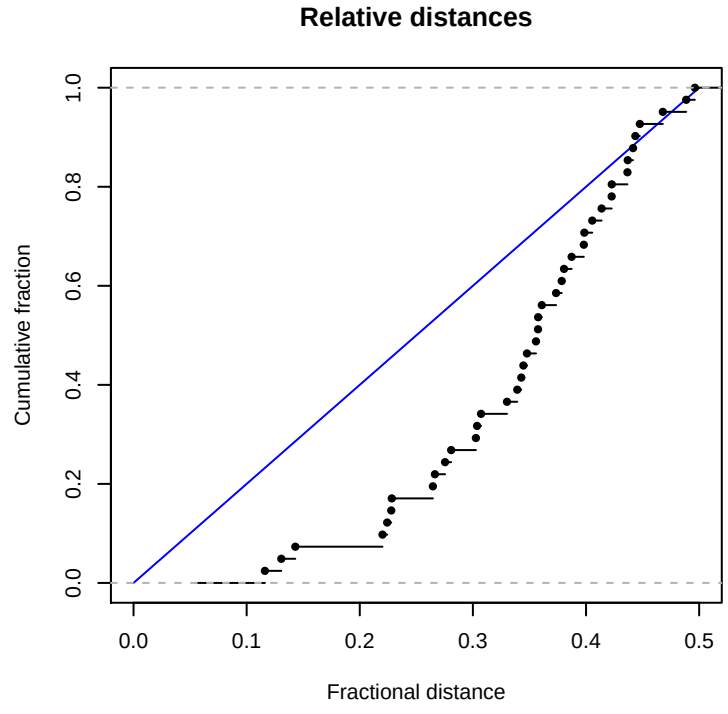




pcontig_005

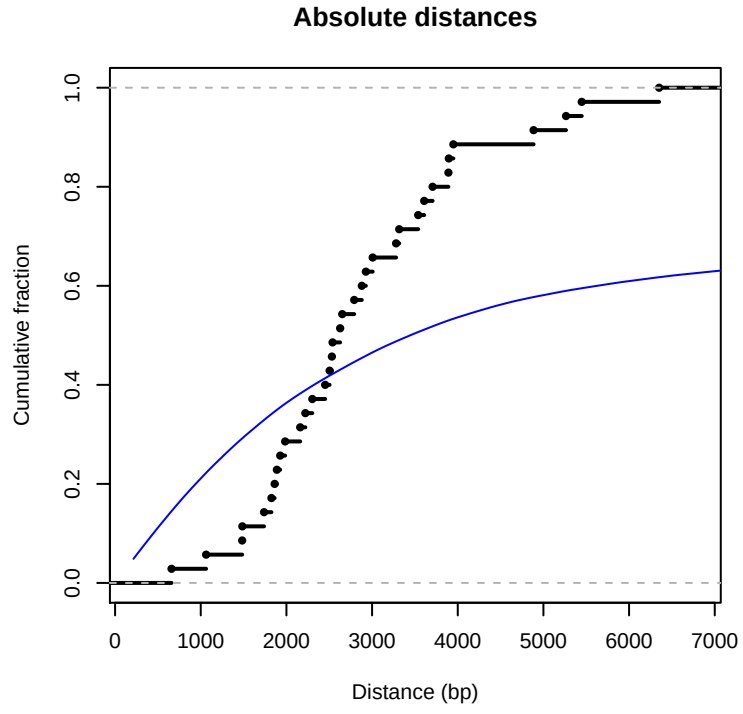
Query population : 41
Reference population : 318
Relative Ks p−value : 1.84952e−05
Relative ecdf deviation area : 0.0938069
Relative ecdf area correlation : −0.372429
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0004014
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

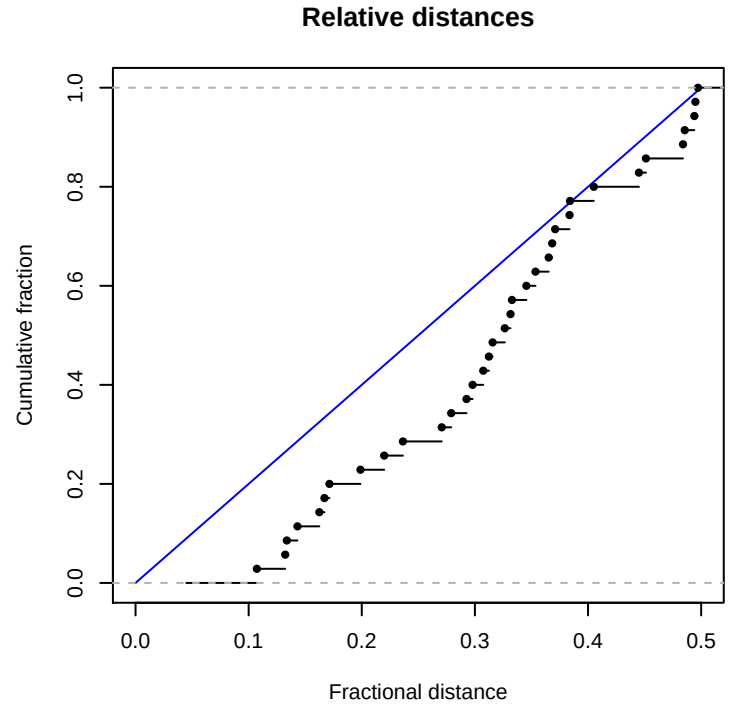




pcontig_006

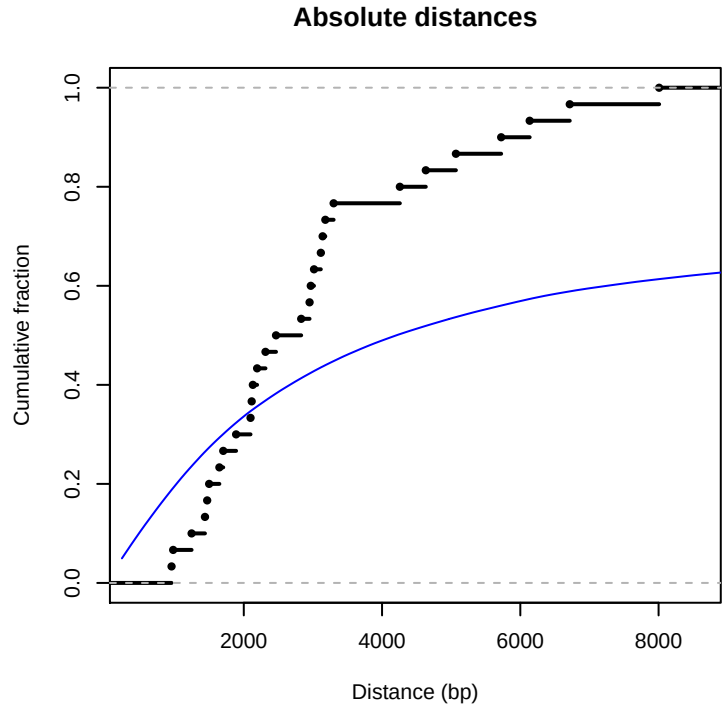
Query population : 35
Reference population : 347
Relative Ks p−value : 0.0166932
Relative ecdf deviation area : 0.0664368
Relative ecdf area correlation : −0.264803
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00141589
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

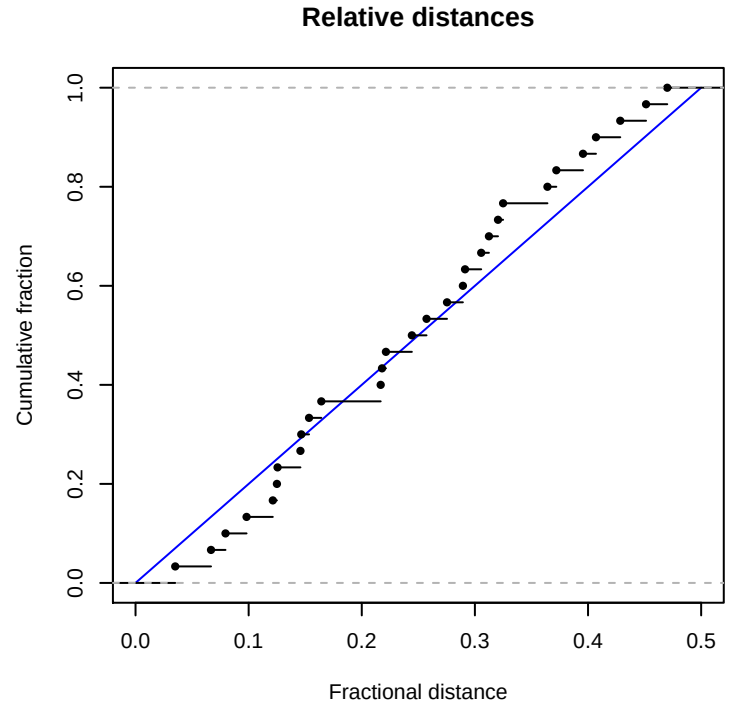




pcontig_007

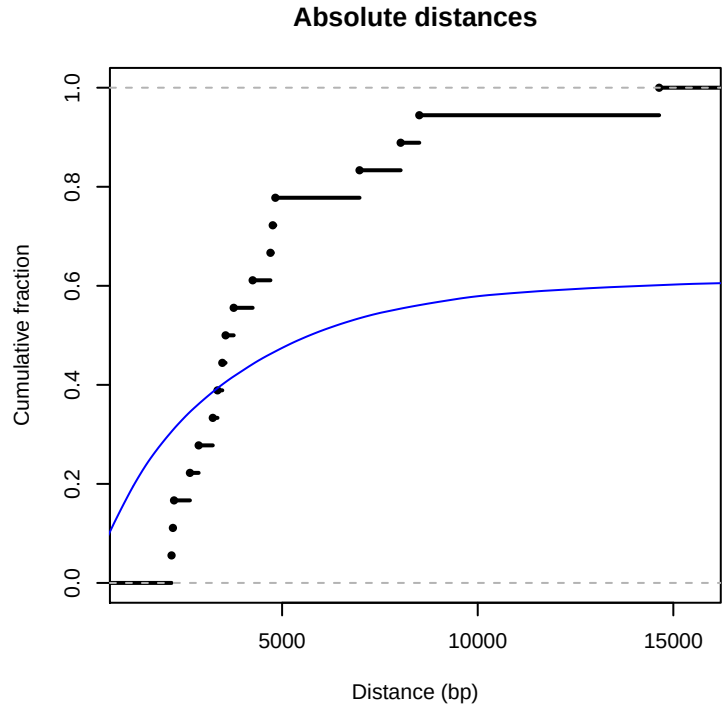
Query population : 30
Reference population : 320
Relative Ks p−value : 0.764796
Relative ecdf deviation area : 0.0233396
Relative ecdf area correlation : 0.0097671
Relative ecdf deviation area p−value : 0.57
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0064187
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

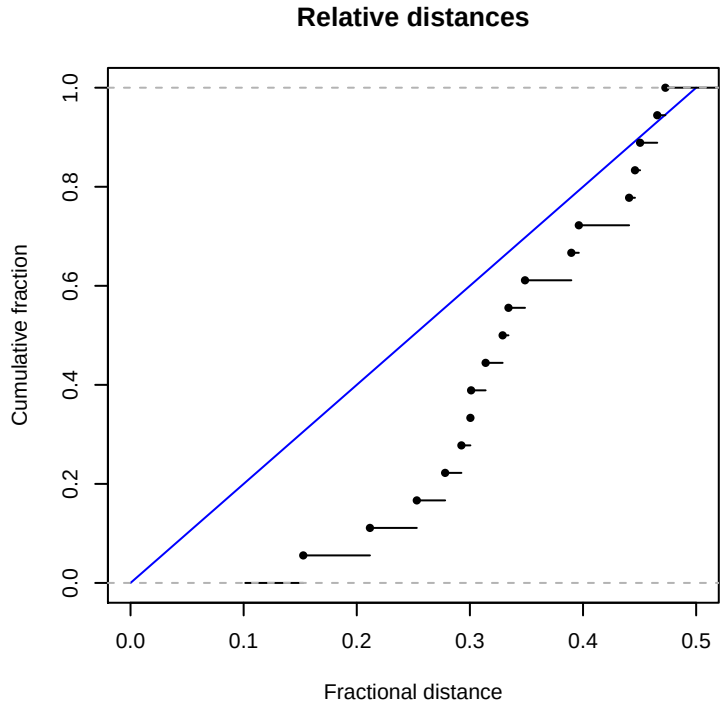




pcontig_008

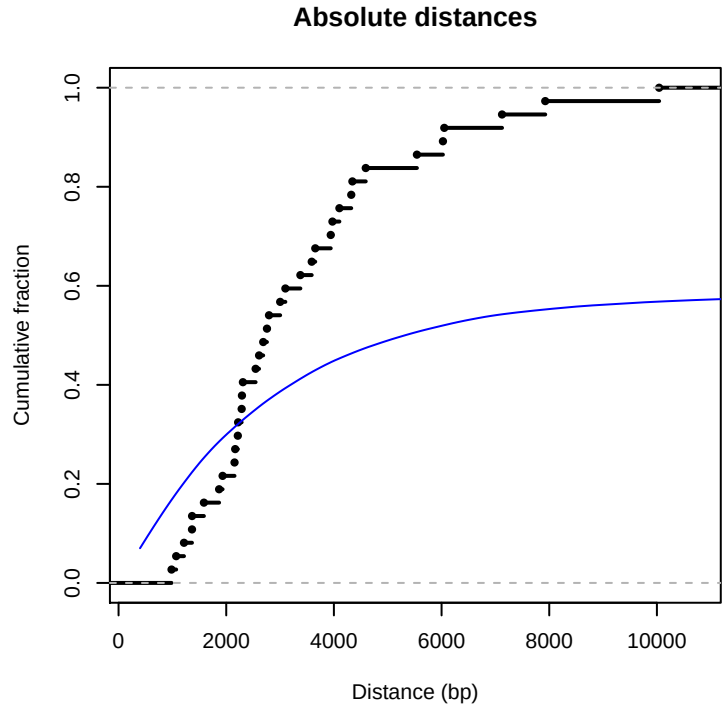
Query population : 18
Reference population : 267
Relative Ks p−value : 0.0048145
Relative ecdf deviation area : 0.0948207
Relative ecdf area correlation : −0.37259
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0627402
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

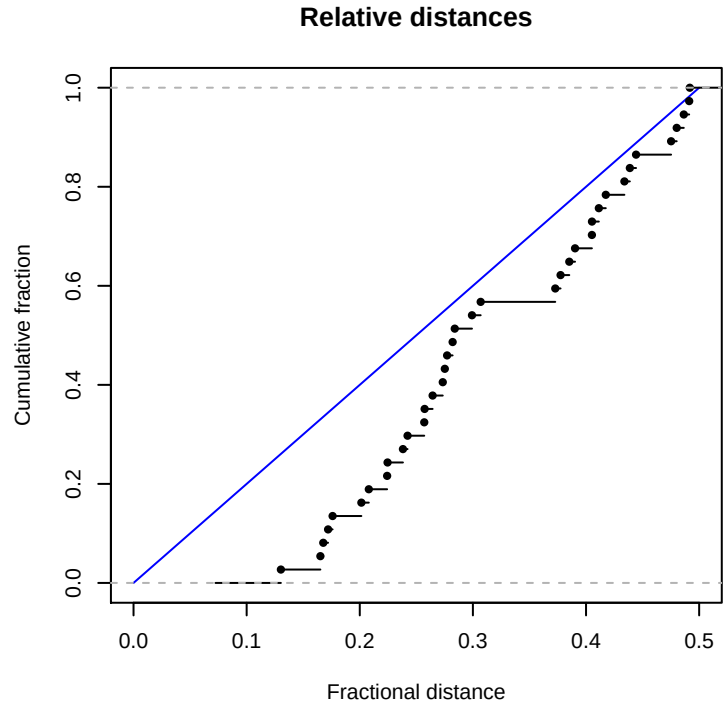




pcontig_009

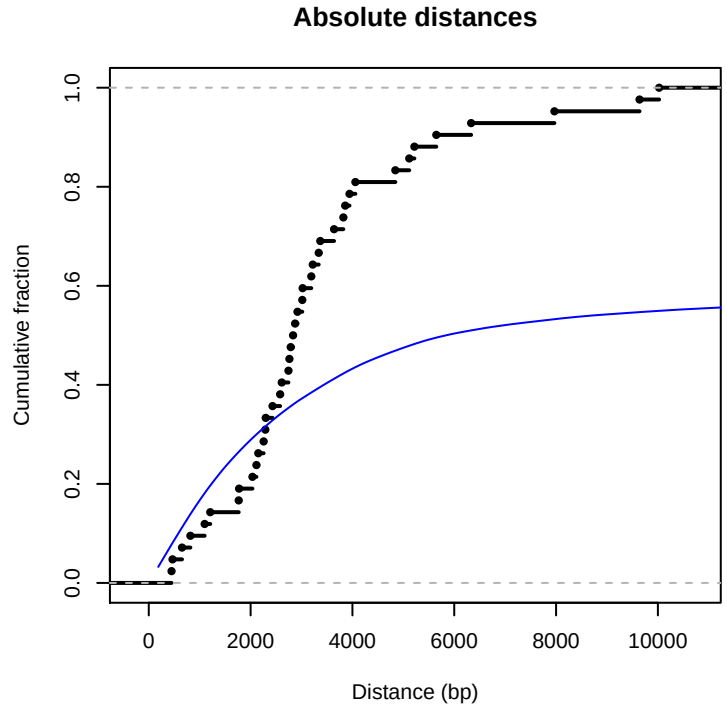
Query population : 37
Reference population : 269
Relative Ks p−value : 0.00161855
Relative ecdf deviation area : 0.0701802
Relative ecdf area correlation : −0.279219
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00114573
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

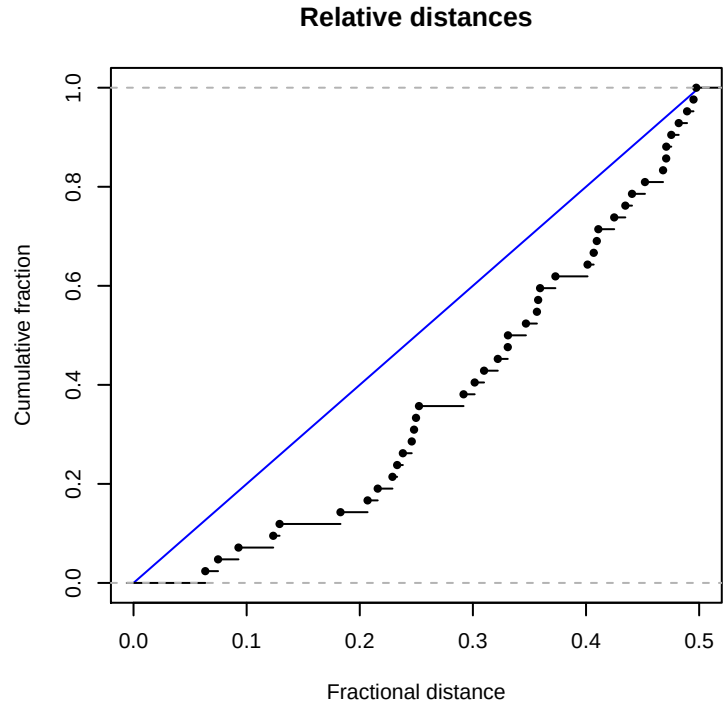




pcontig_010

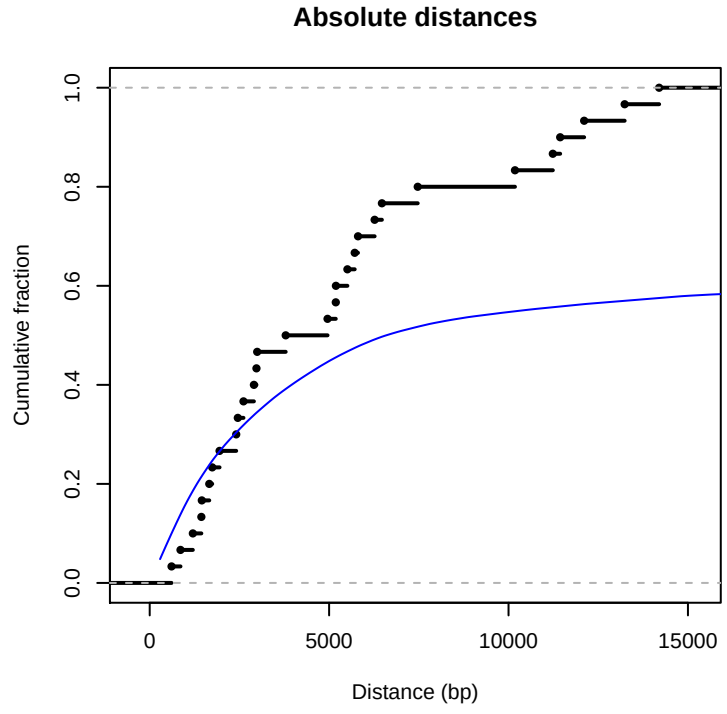
Query population : 42
Reference population : 267
Relative Ks p−value : 0.00324966
Relative ecdf deviation area : 0.0758857
Relative ecdf area correlation : −0.30435
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00367689
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

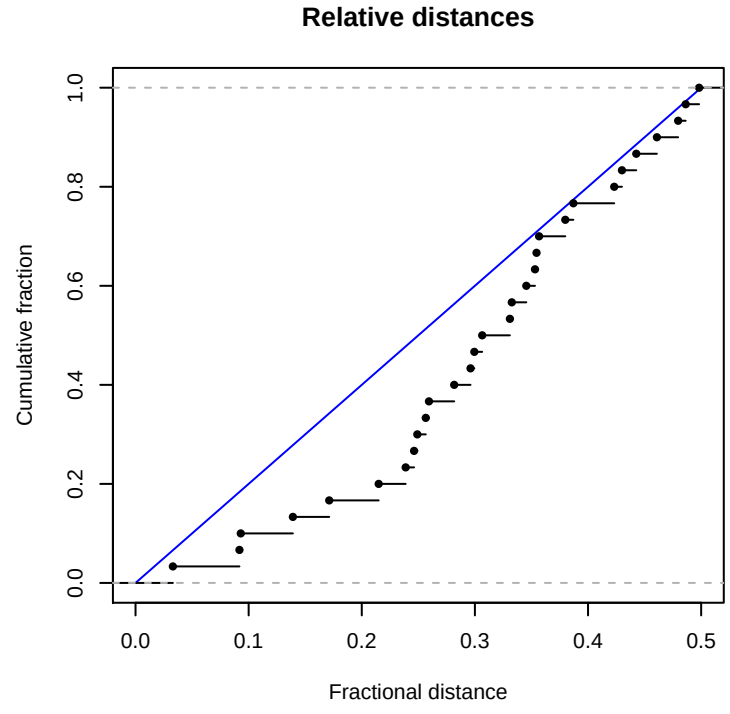




pcontig_011

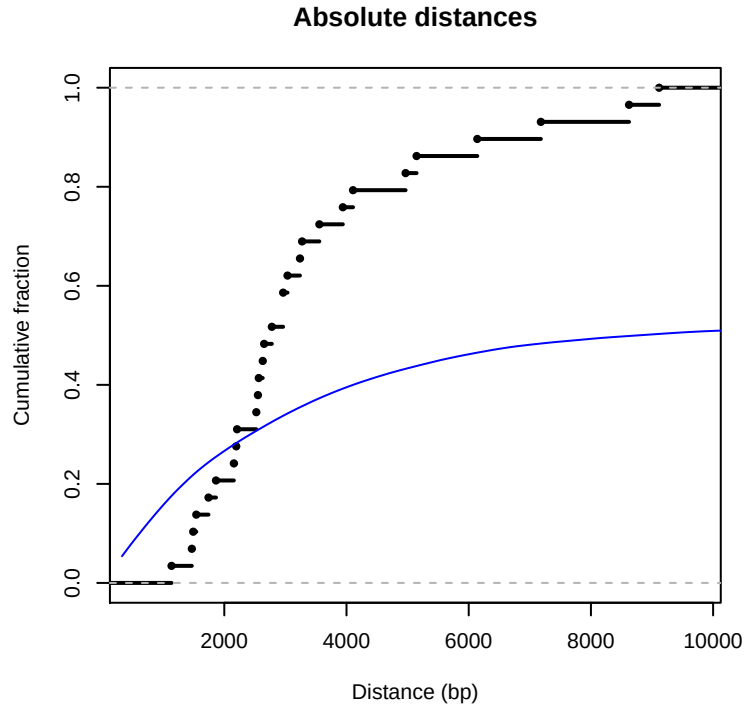
Query population : 30
Reference population : 255
Relative Ks p−value : 0.0155202
Relative ecdf deviation area : 0.0582202
Relative ecdf area correlation : −0.231744
Relative ecdf deviation area p−value : 0.04
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.010956
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

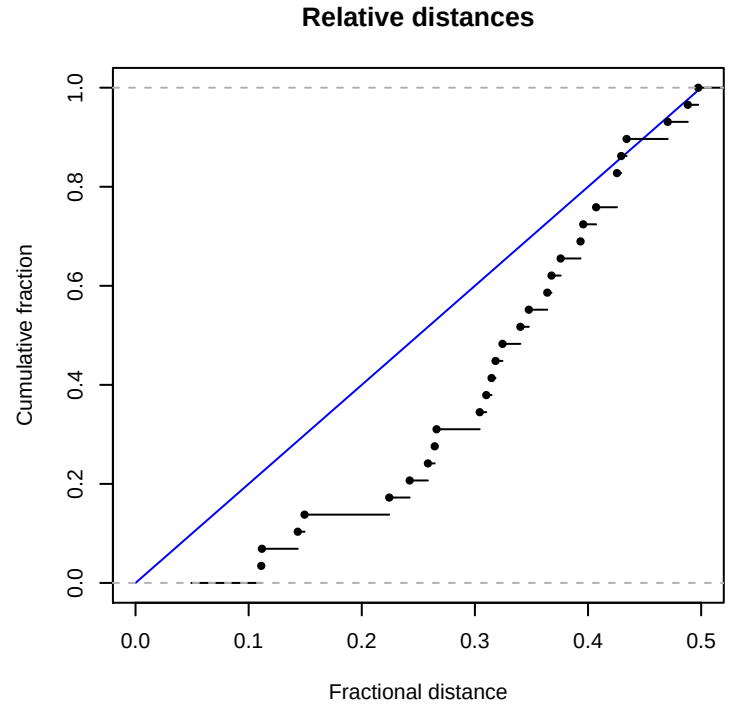




pcontig_012

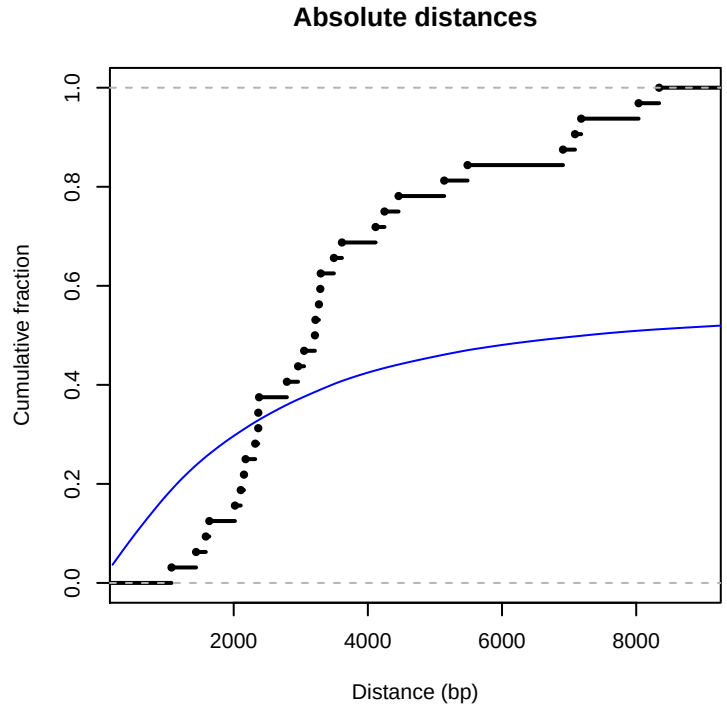
Query population : 29
Reference population : 254
Relative Ks p−value : 0.00519409
Relative ecdf deviation area : 0.078239
Relative ecdf area correlation : −0.311098
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0216851
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

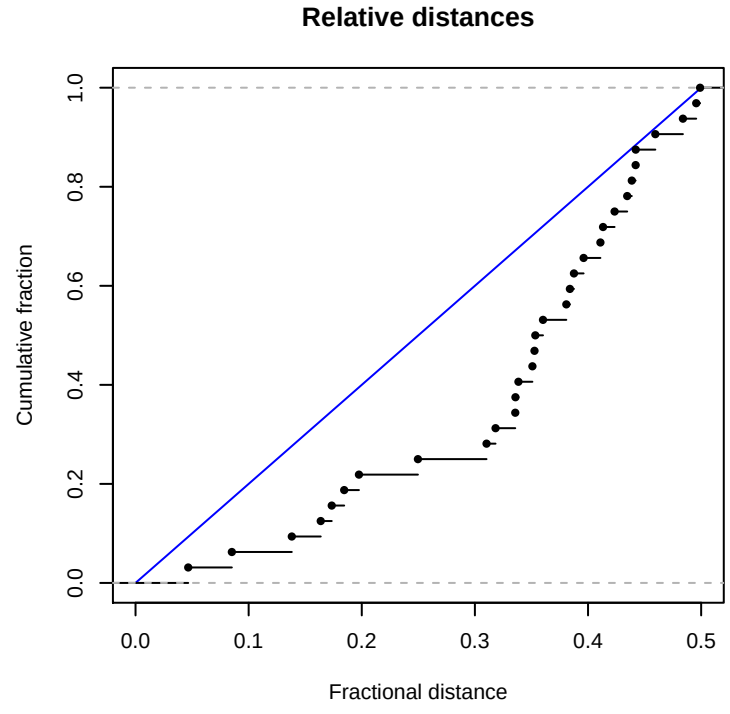




pcontig_013

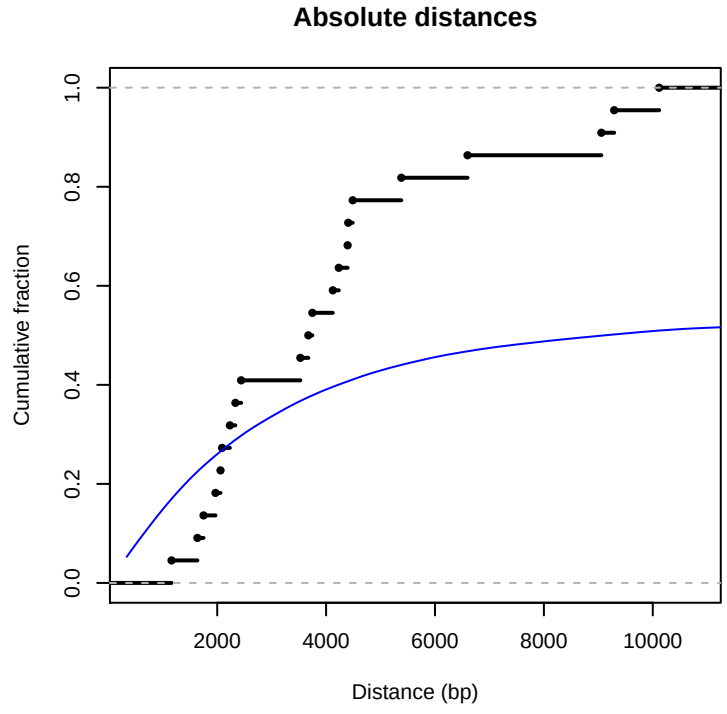
Query population : 32
Reference population : 290
Relative Ks p−value : 0.000188346
Relative ecdf deviation area : 0.0875691
Relative ecdf area correlation : −0.348267
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00831831
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

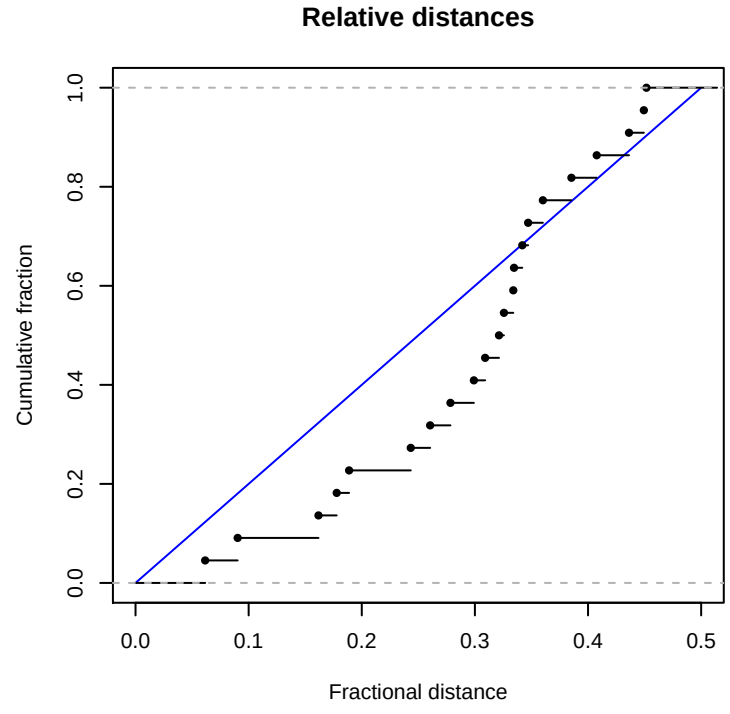




pcontig_014

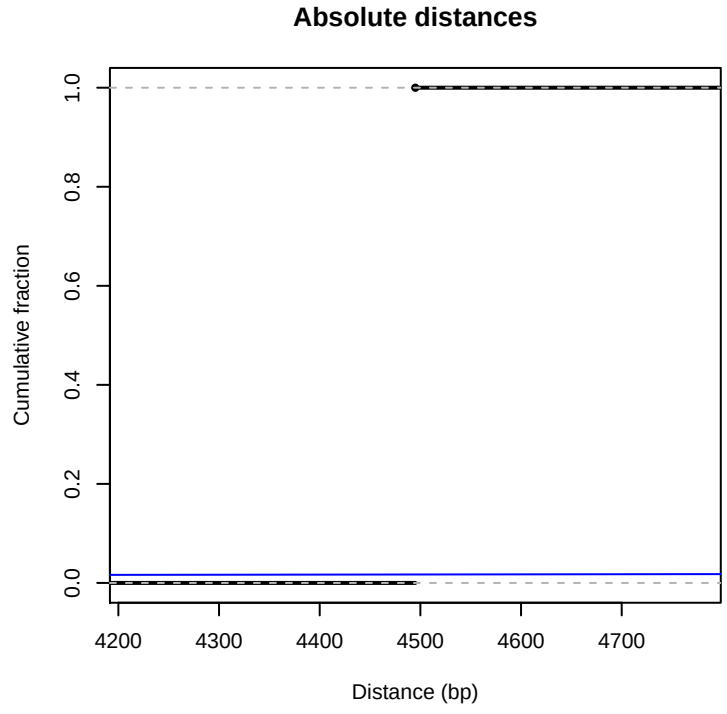
Query population : 22
Reference population : 239
Relative Ks p−value : 0.0857309
Relative ecdf deviation area : 0.0582882
Relative ecdf area correlation : −0.193669
Relative ecdf deviation area p−value : 0.05
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0576796
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

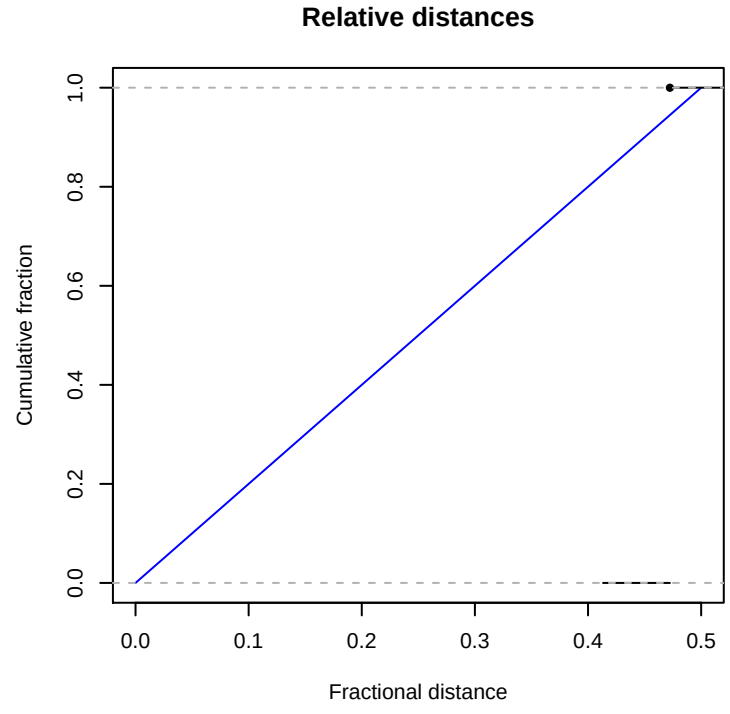




pcontig_015

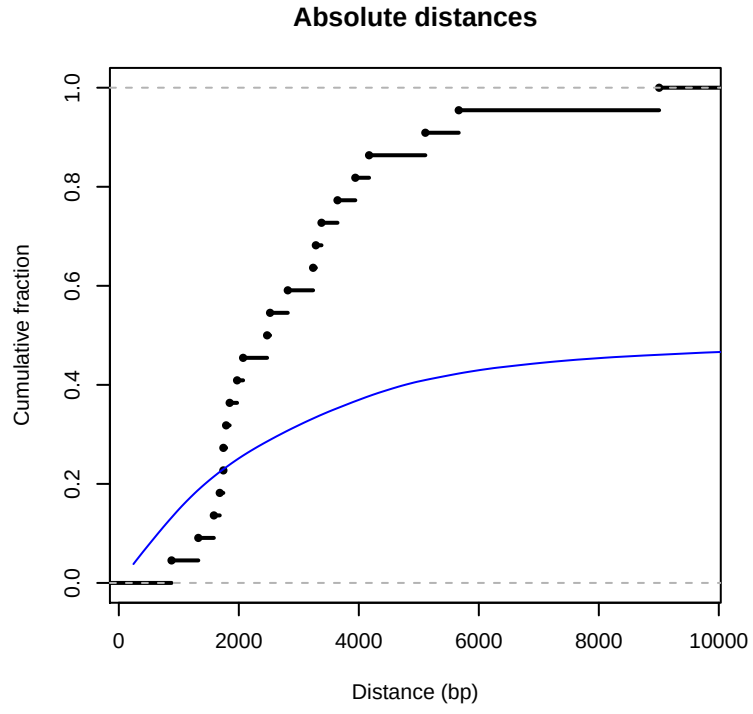
Query population : 1
Reference population : 8
Relative Ks p−value : 0.110451
Relative ecdf deviation area : 0.22439
Relative ecdf area correlation : −0.889549
Relative ecdf deviation area p−value : 0.11
Scaled Absolute min. distance p−value : 0.05
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0023868
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

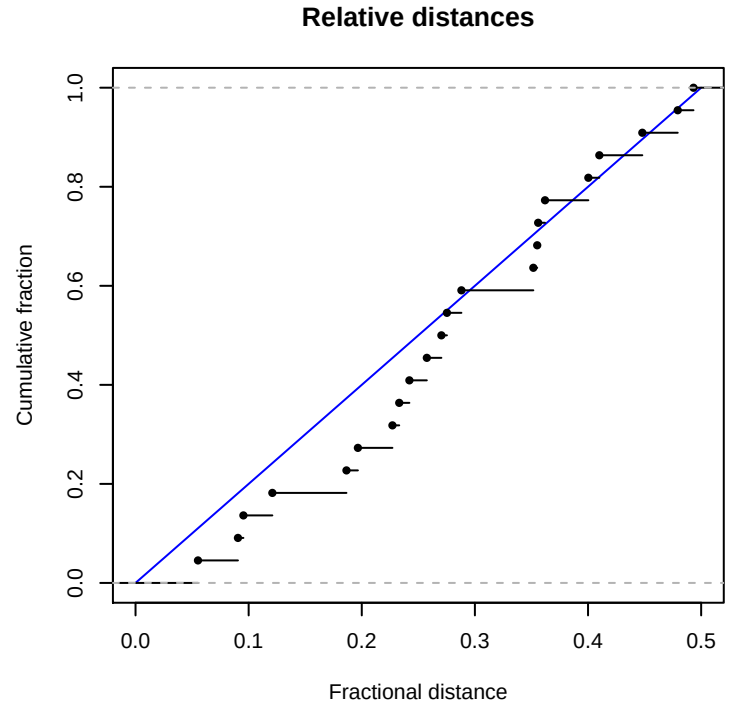




pcontig_016

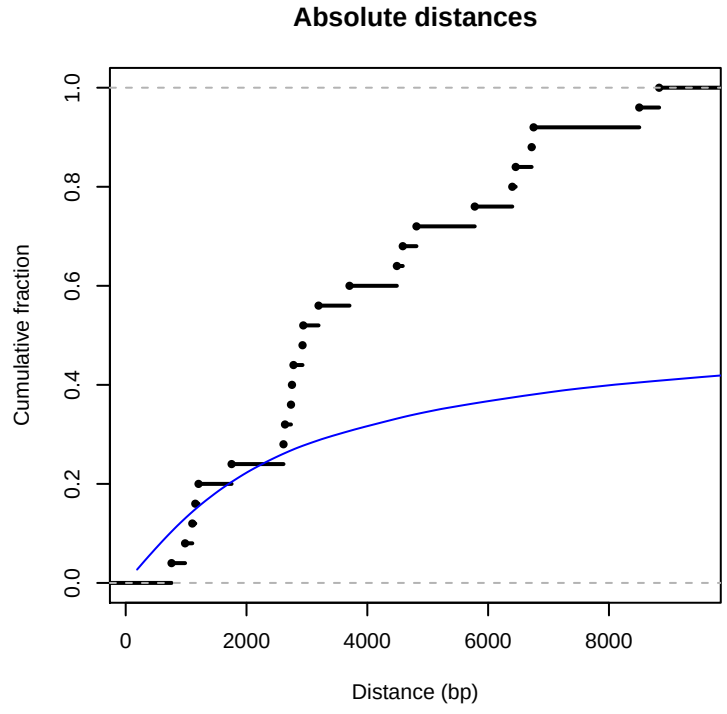
Query population : 22
Reference population : 240
Relative Ks p−value : 0.352383
Relative ecdf deviation area : 0.0342405
Relative ecdf area correlation : −0.126208
Relative ecdf deviation area p−value : 0.34
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0495197
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

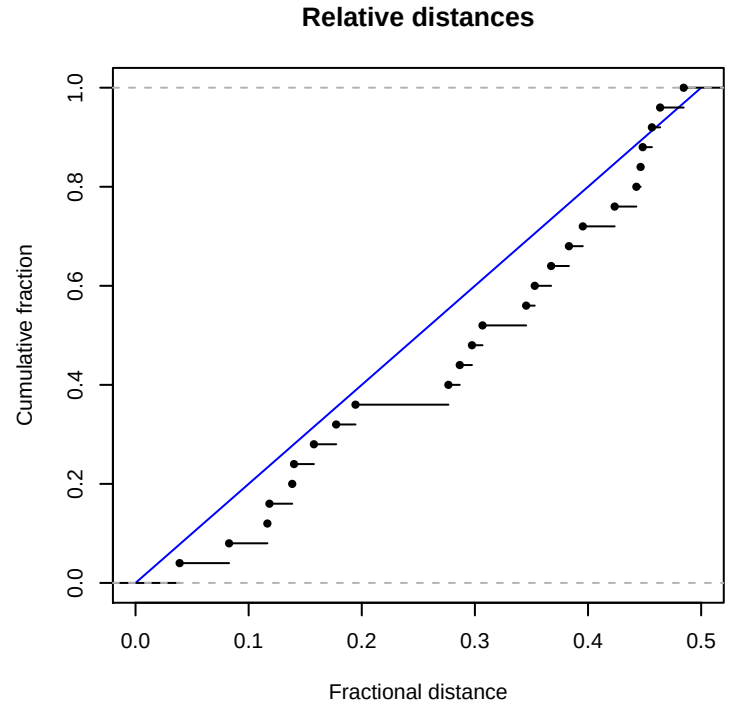




pcontig_017

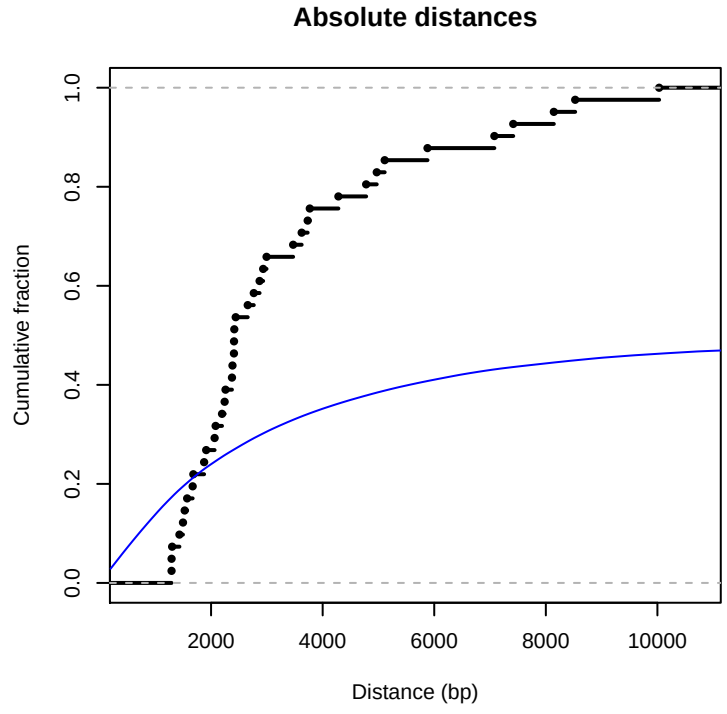
Query population : 25
Reference population : 219
Relative Ks p−value : 0.271684
Relative ecdf deviation area : 0.044421
Relative ecdf area correlation : −0.174737
Relative ecdf deviation area p−value : 0.21
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0561591
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

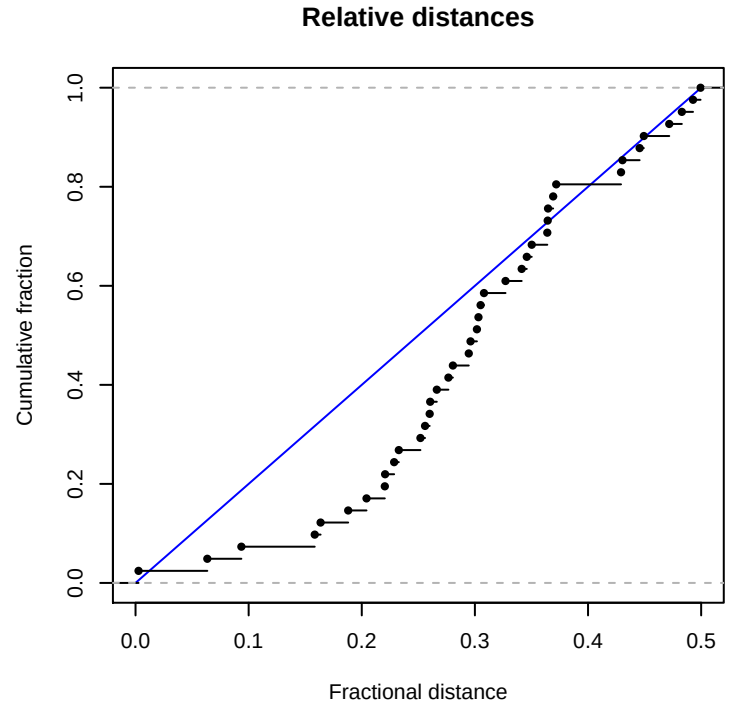




pcontig_018

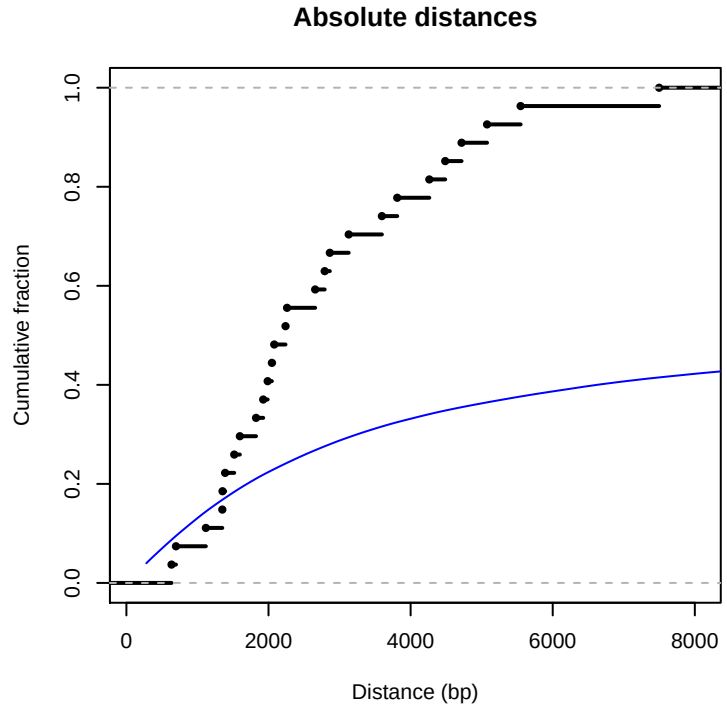
Query population : 41
Reference population : 221
Relative Ks p−value : 0.00395049
Relative ecdf deviation area : 0.0532009
Relative ecdf area correlation : −0.203596
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0137667
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

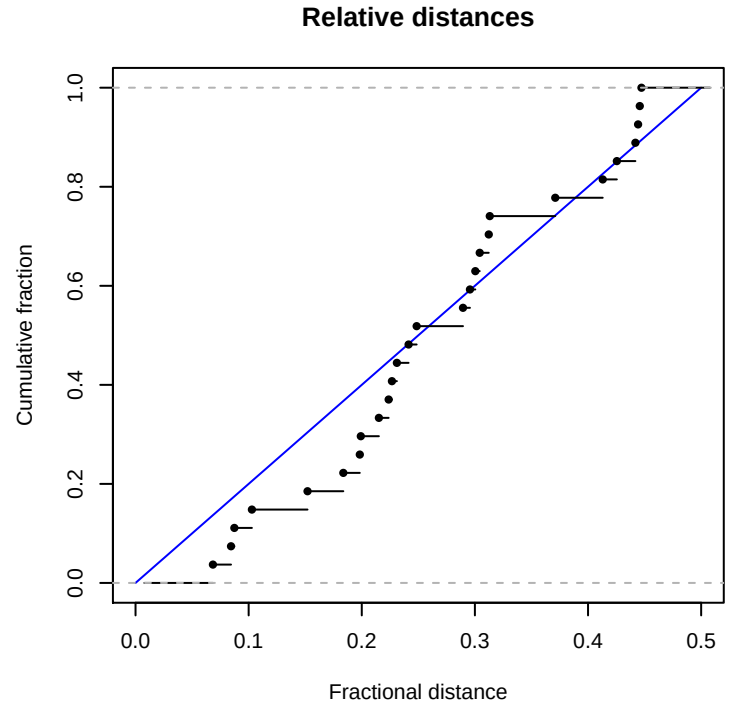




pcontig_019

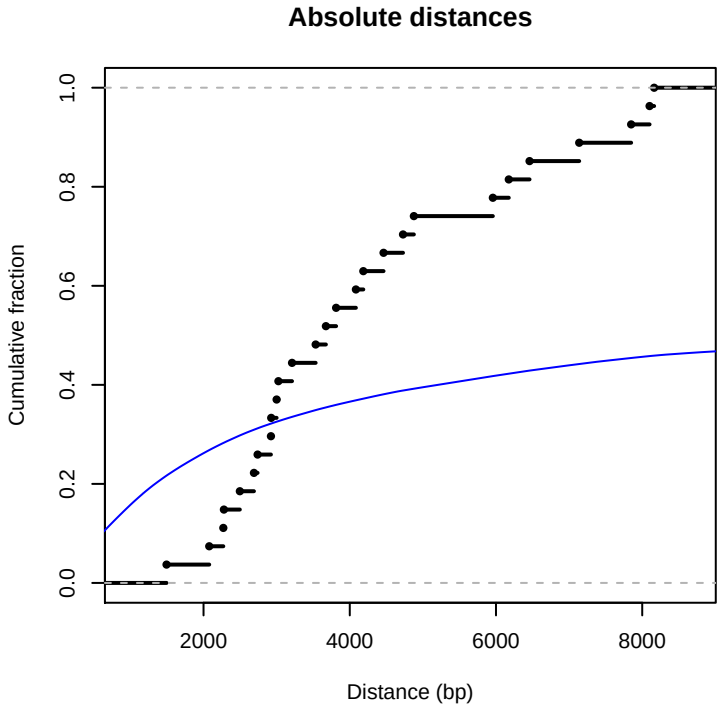
Query population : 27
Reference population : 217
Relative Ks p−value : 0.294676
Relative ecdf deviation area : 0.0334543
Relative ecdf area correlation : −0.0765017
Relative ecdf deviation area p−value : 0.3
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0590747
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

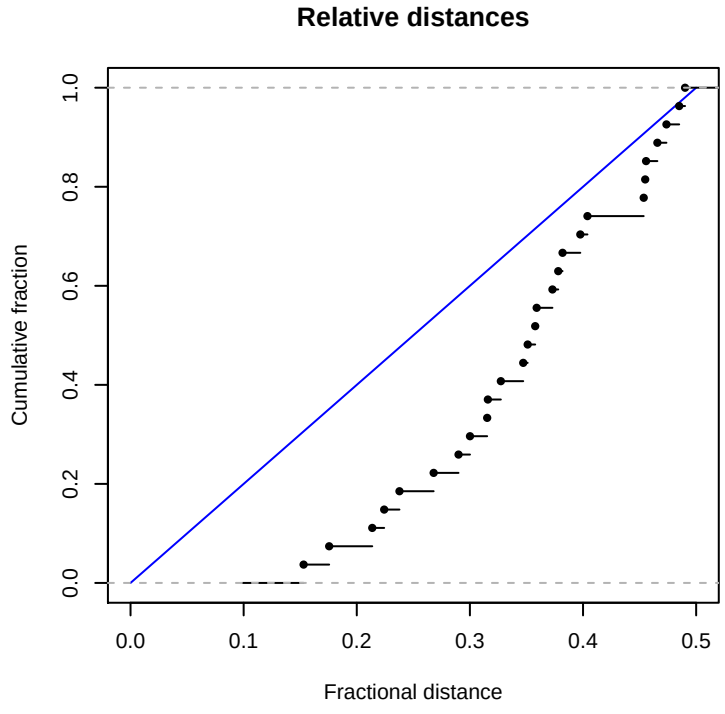




pcontig_020

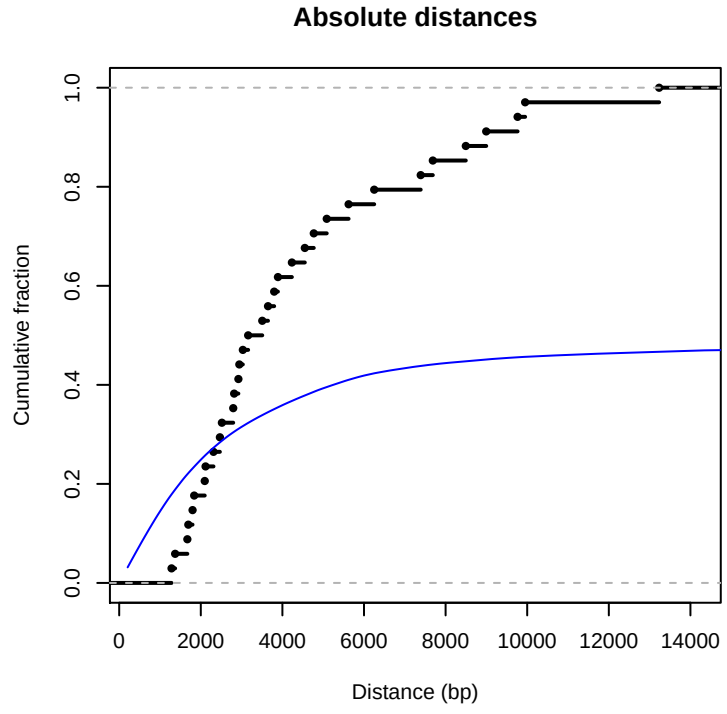
Query population : 27
Reference population : 255
Relative Ks p−value : 0.00134316
Relative ecdf deviation area : 0.10018
Relative ecdf area correlation : −0.399877
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0336199
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

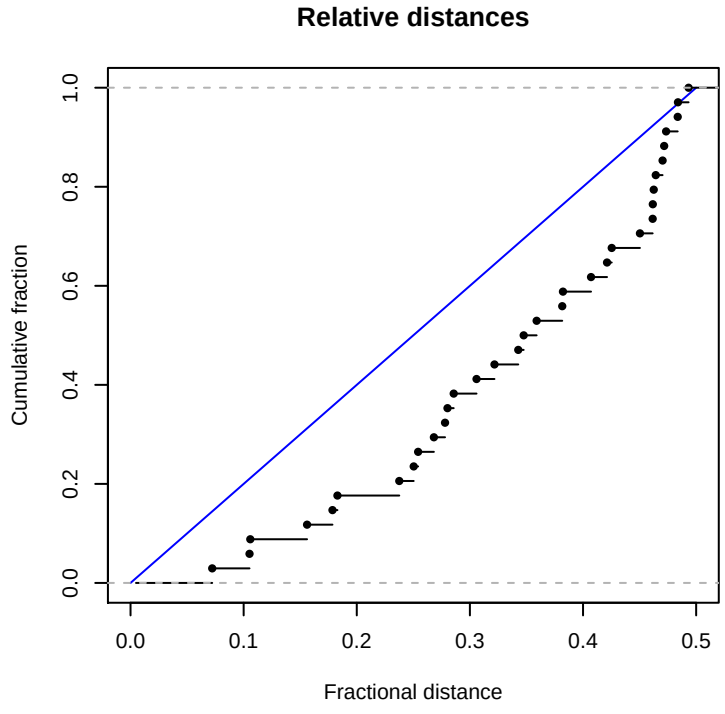




pcontig_021

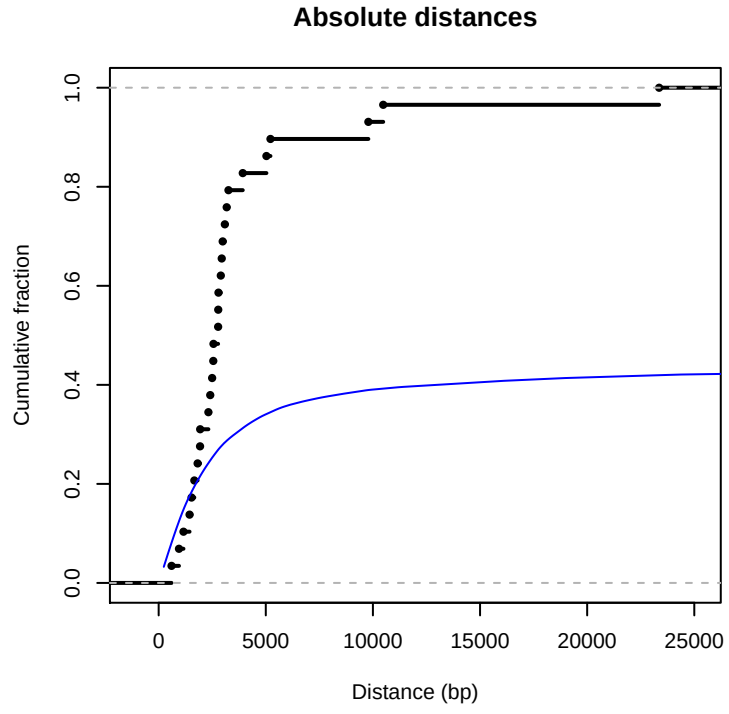
Query population : 34
Reference population : 233
Relative Ks p−value : 0.00348076
Relative ecdf deviation area : 0.0891816
Relative ecdf area correlation : −0.356001
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00933748
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

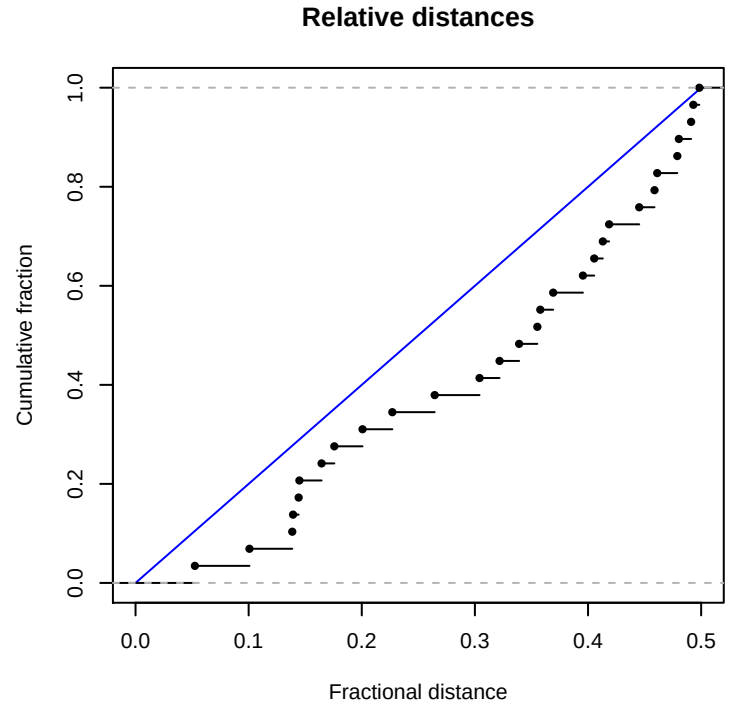




pcontig_022

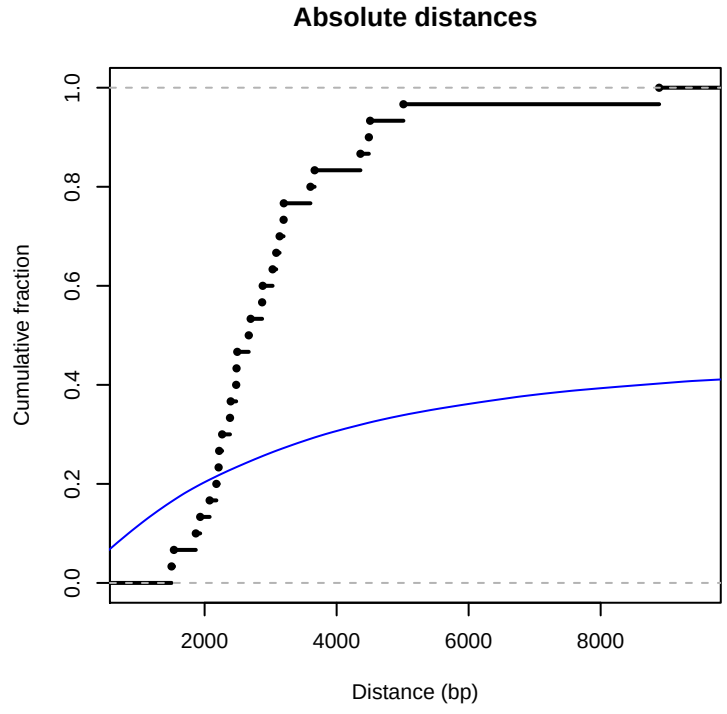
Query population : 29
Reference population : 209
Relative Ks p−value : 0.0788066
Relative ecdf deviation area : 0.0683251
Relative ecdf area correlation : −0.274402
Relative ecdf deviation area p−value : 0.05
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0405447
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

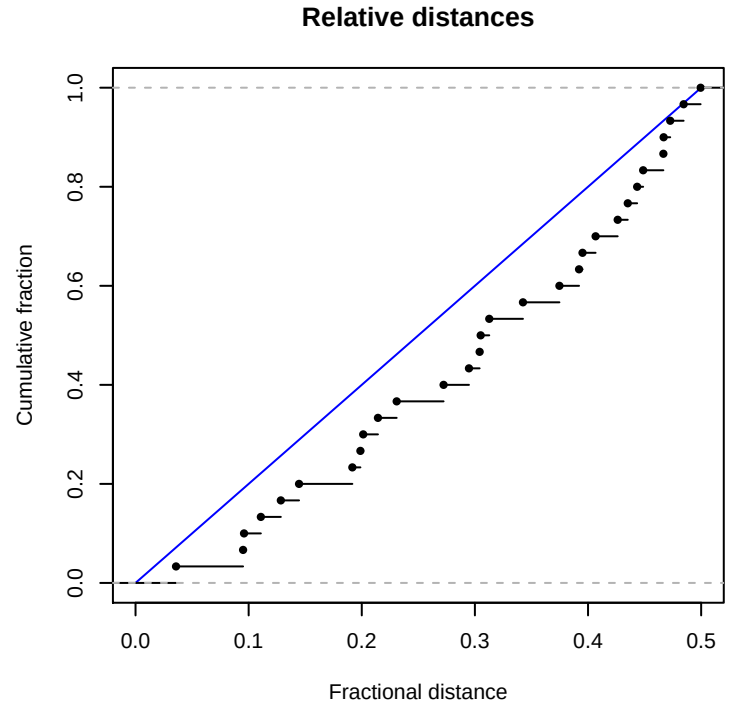




pcontig_023

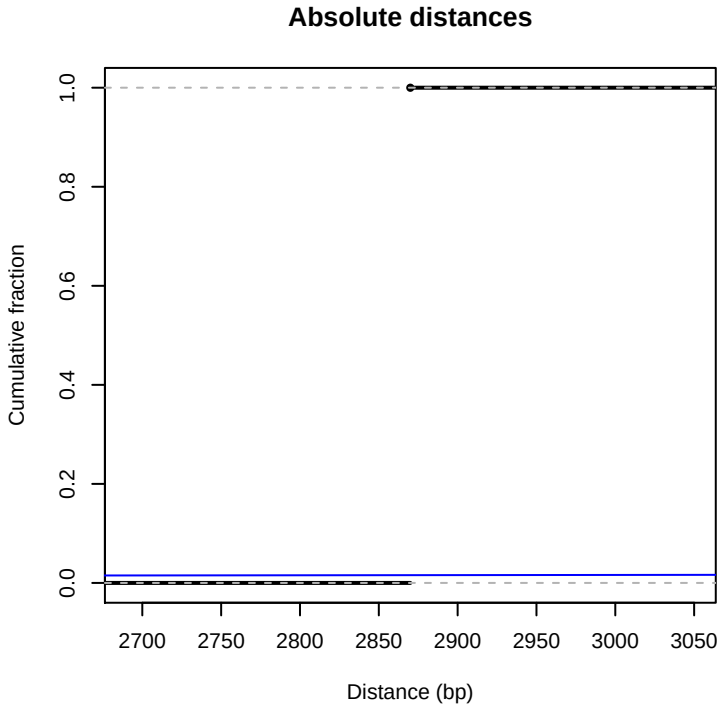
Query population : 30
Reference population : 190
Relative Ks p−value : 0.203763
Relative ecdf deviation area : 0.0568308
Relative ecdf area correlation : −0.225512
Relative ecdf deviation area p−value : 0.0600000000000001
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0470875
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

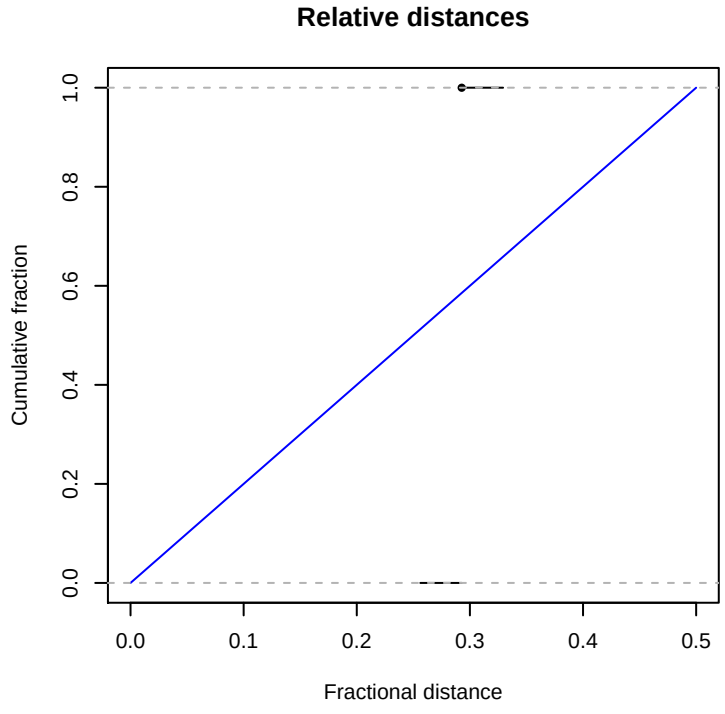




pcontig_024

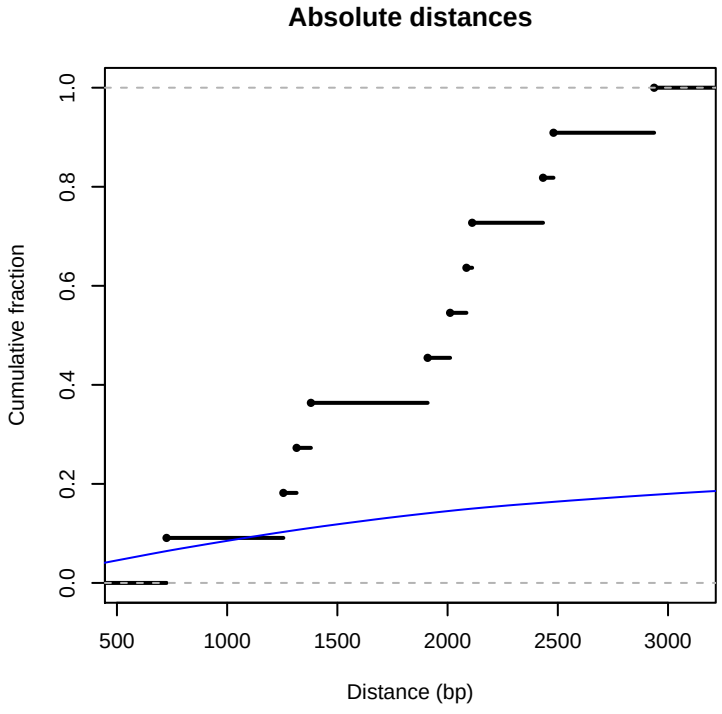
Query population : 1
Reference population : 14
Relative Ks p−value : 0.82899
Relative ecdf deviation area : 0.128637
Relative ecdf area correlation : −0.17101
Relative ecdf deviation area p−value : 0.8
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00547079
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

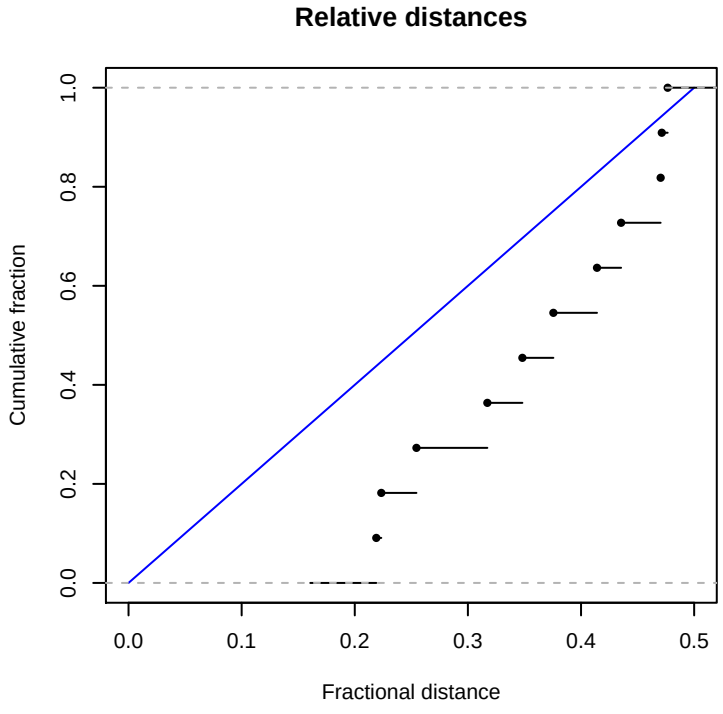




pcontig_025

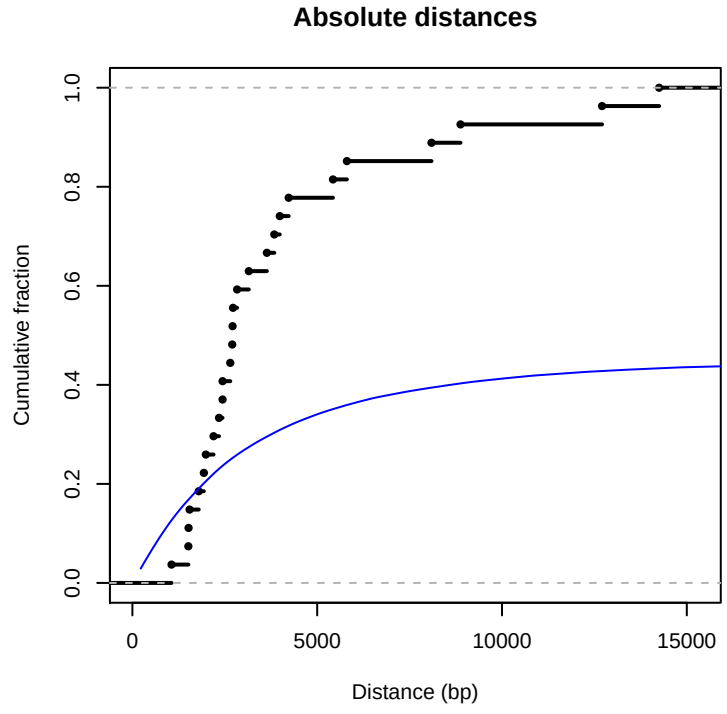
Query population : 11
Reference population : 145
Relative Ks p−value : 0.0194346
Relative ecdf deviation area : 0.116102
Relative ecdf area correlation : −0.456675
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.38
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.47006
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

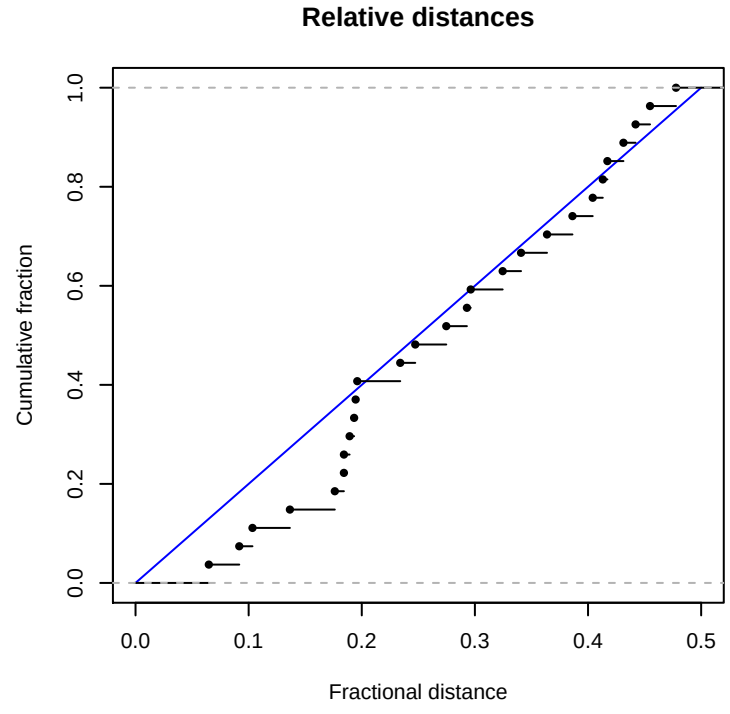




pcontig_026

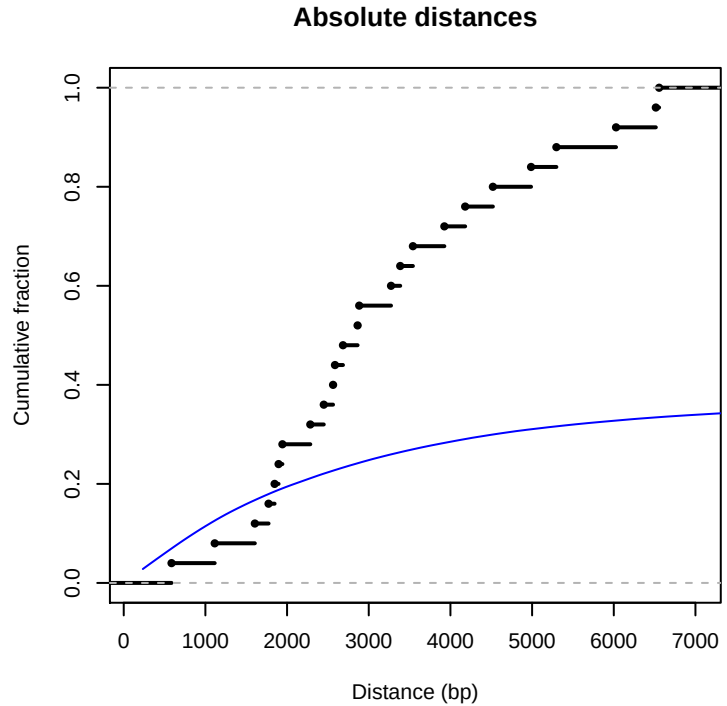
Query population : 27
Reference population : 198
Relative Ks p−value : 0.183018
Relative ecdf deviation area : 0.033036
Relative ecdf area correlation : −0.113317
Relative ecdf deviation area p−value : 0.35
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.107669
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

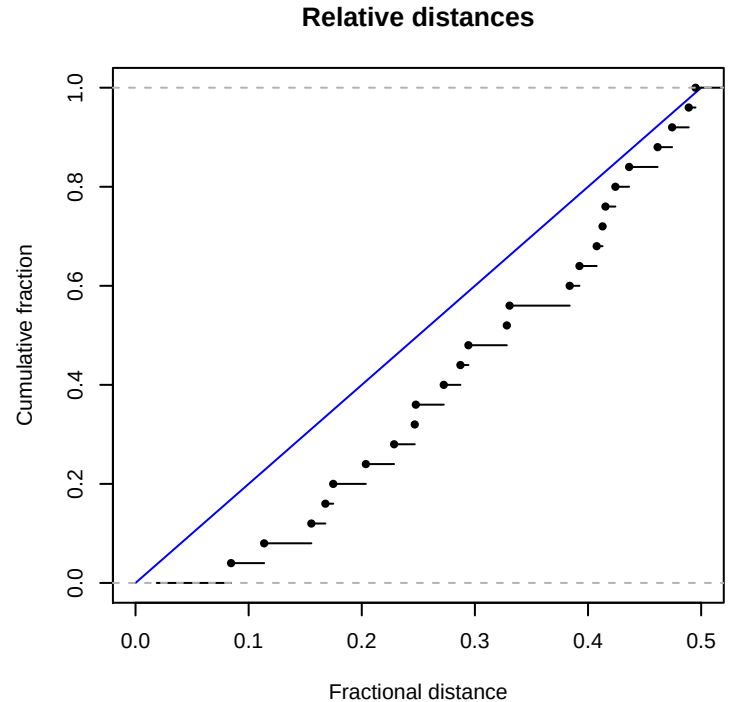




pcontig_027

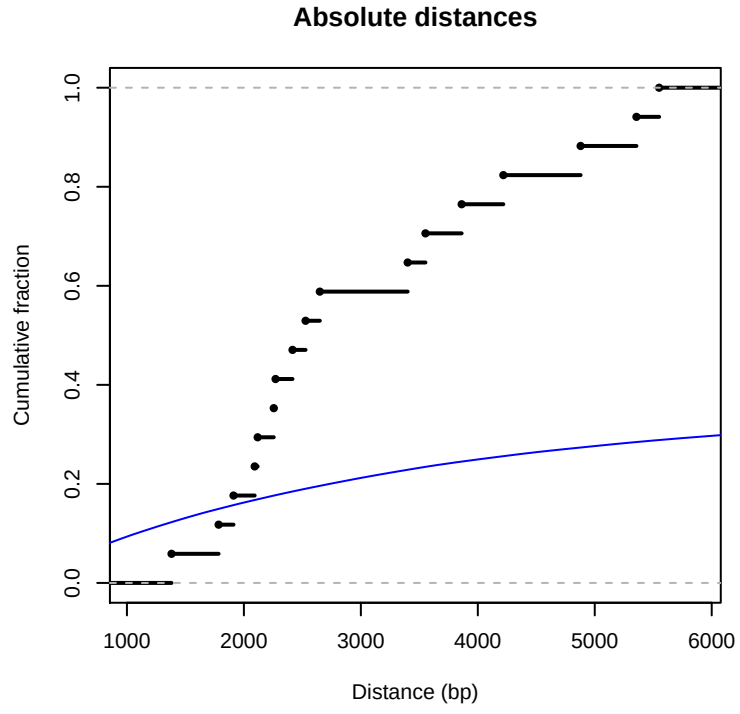
Query population : 25
Reference population : 184
Relative Ks p−value : 0.118289
Relative ecdf deviation area : 0.0671031
Relative ecdf area correlation : −0.268529
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.04
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.121785
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

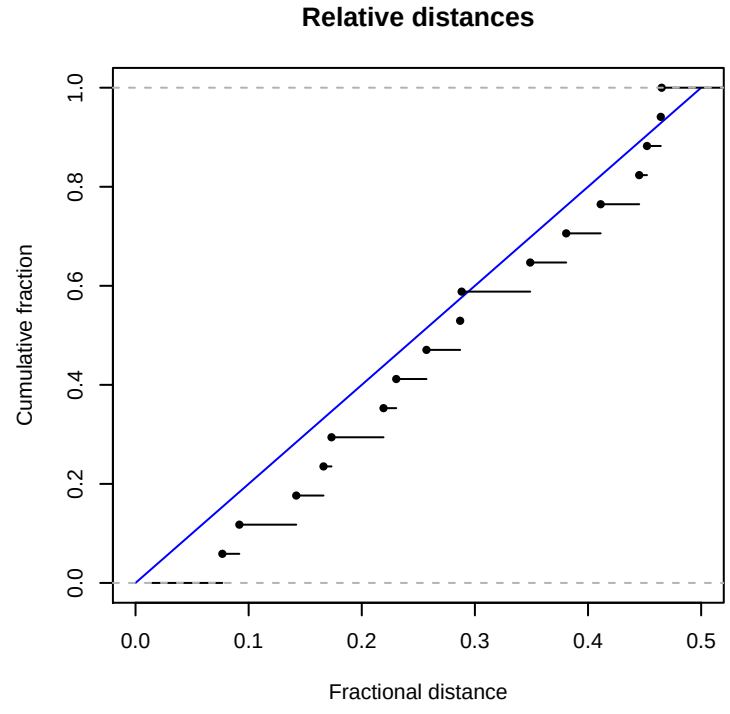




pcontig_028

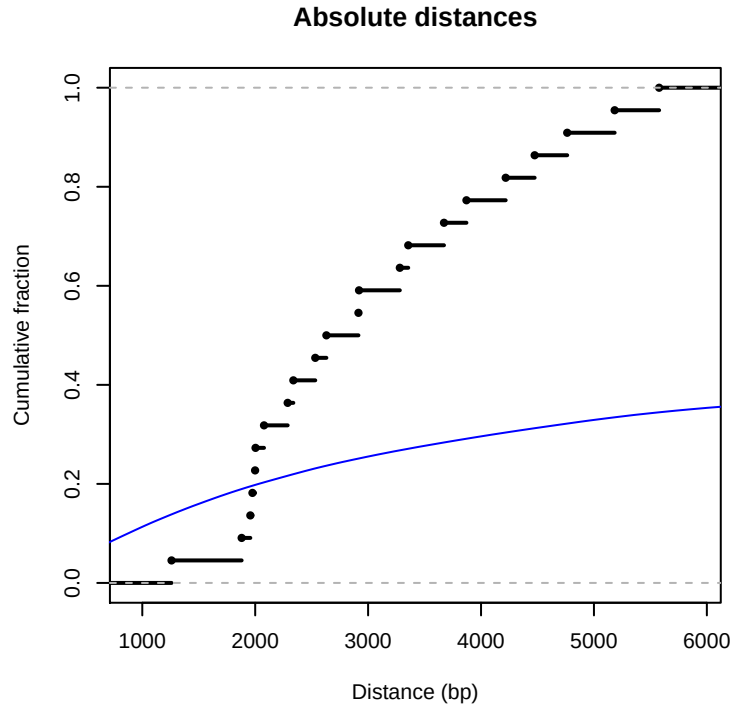
Query population : 17
Reference population : 151
Relative Ks p−value : 0.673578
Relative ecdf deviation area : 0.0413118
Relative ecdf area correlation : −0.15286
Relative ecdf deviation area p−value : 0.38
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.1
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.18604
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

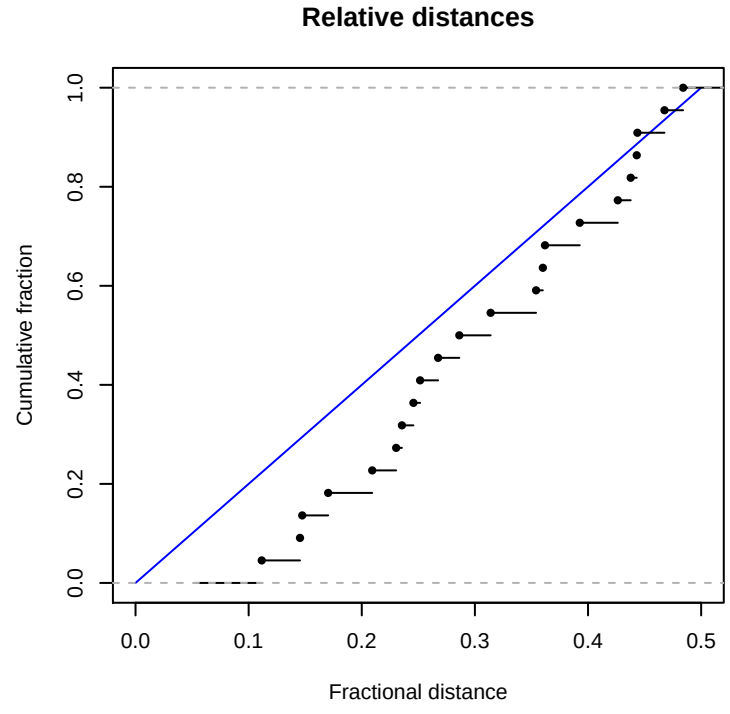




pcontig_029

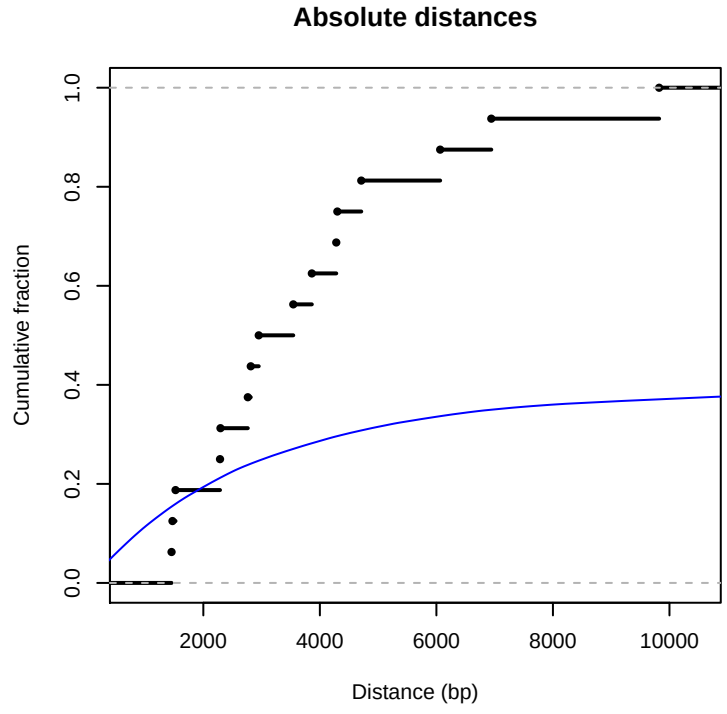
Query population : 22
Reference population : 182
Relative Ks p−value : 0.118756
Relative ecdf deviation area : 0.0601344
Relative ecdf area correlation : −0.233766
Relative ecdf deviation area p−value : 0.07
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.05
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.169288
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

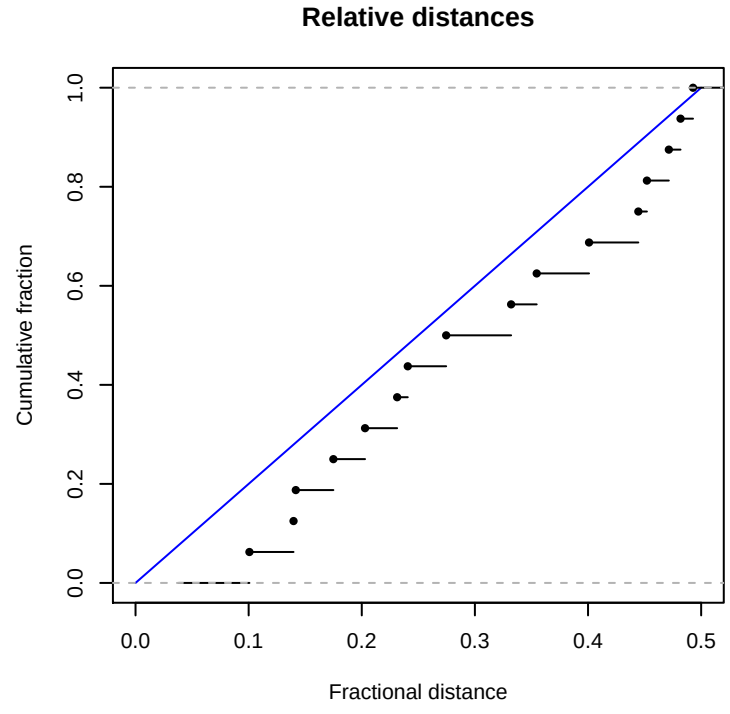




pcontig_030

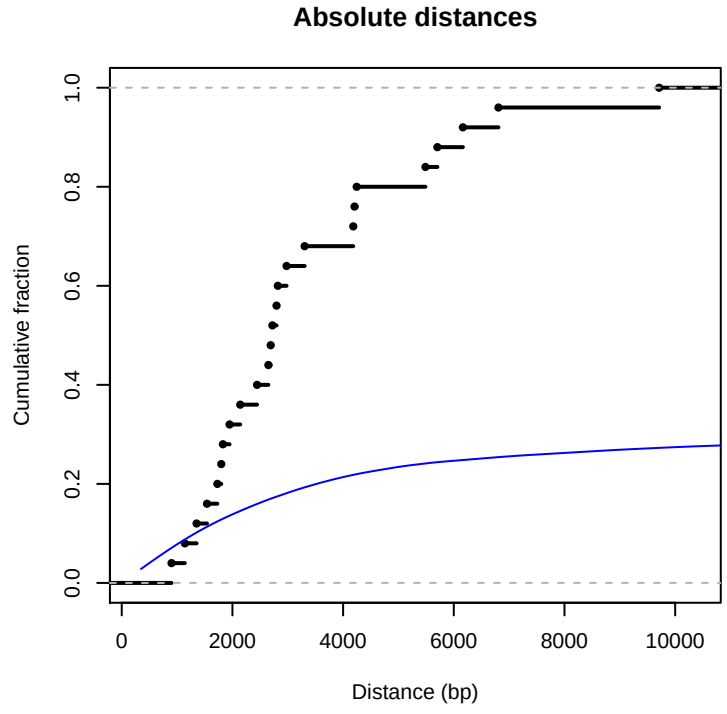
Query population : 16
Reference population : 185
Relative Ks p−value : 0.38364
Relative ecdf deviation area : 0.0552153
Relative ecdf area correlation : −0.234119
Relative ecdf deviation area p−value : 0.1
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.14
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.229071
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

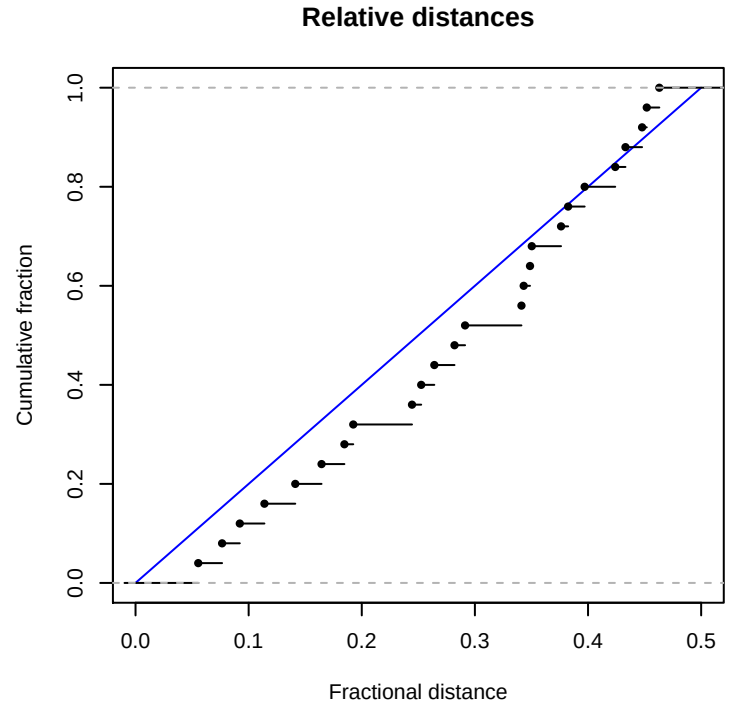




pcontig_031

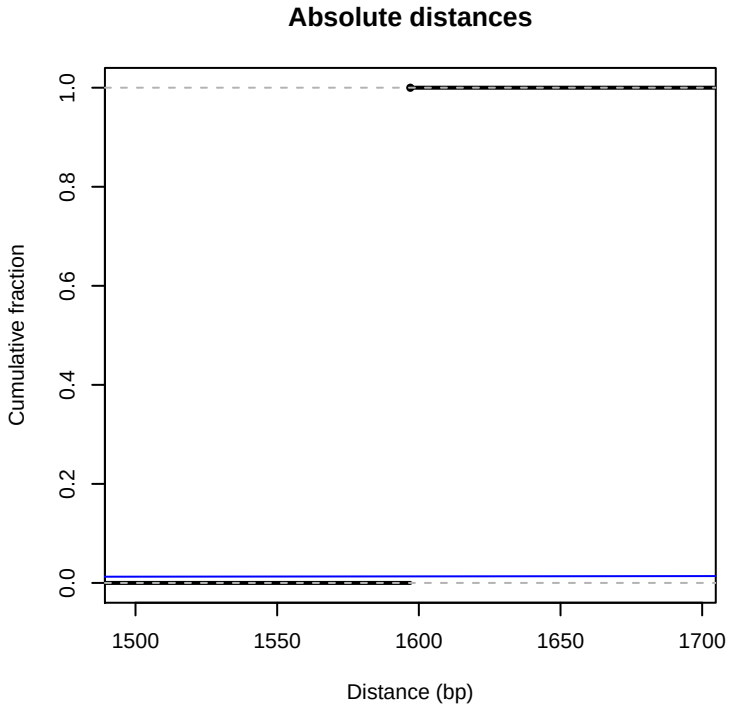
Query population : 25
Reference population : 124
Relative Ks p−value : 0.42742
Relative ecdf deviation area : 0.0387419
Relative ecdf area correlation : −0.138241
Relative ecdf deviation area p−value : 0.28
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.12
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.200509
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

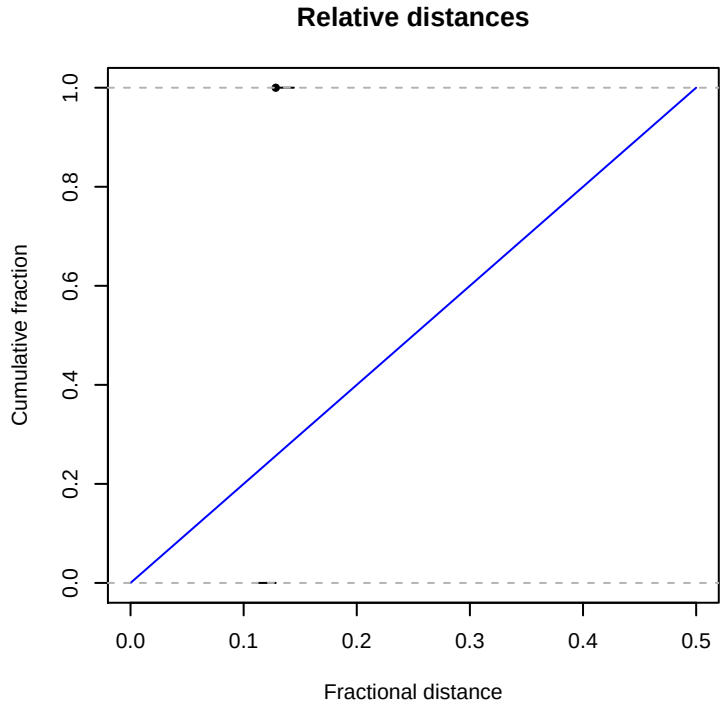




pcontig_032

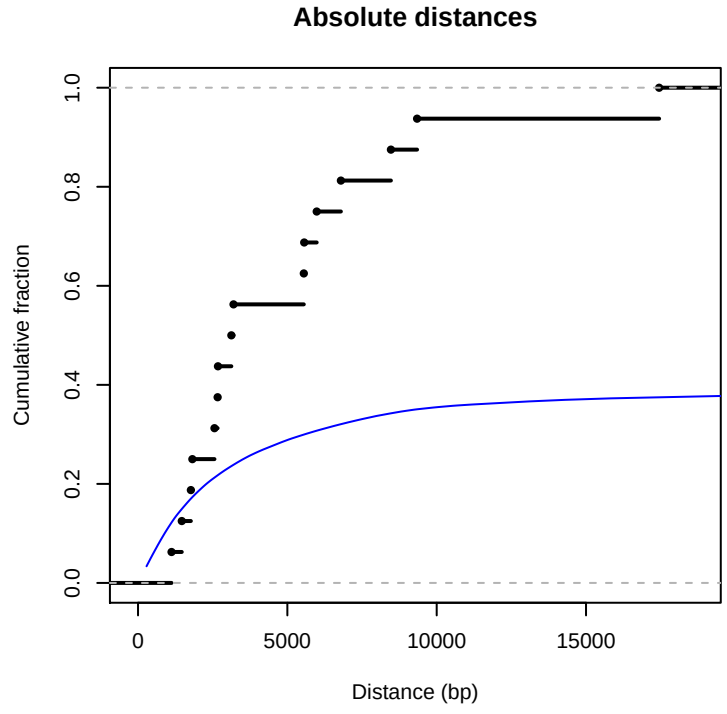
Query population : 1
Reference population : 17
Relative Ks p−value : 0.513422
Relative ecdf deviation area : 0.154881
Relative ecdf area correlation : 0.486578
Relative ecdf deviation area p−value : 0.48
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00635968
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

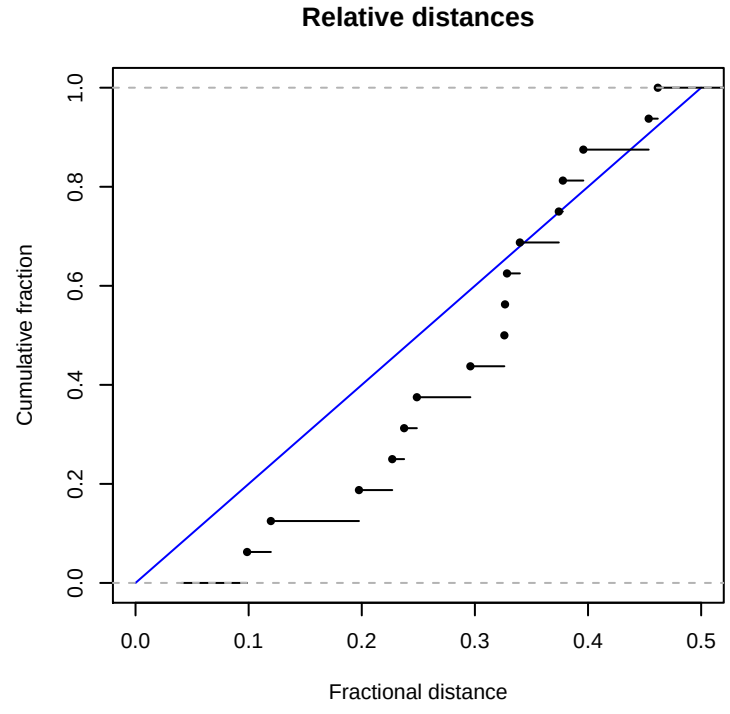




pcontig_033

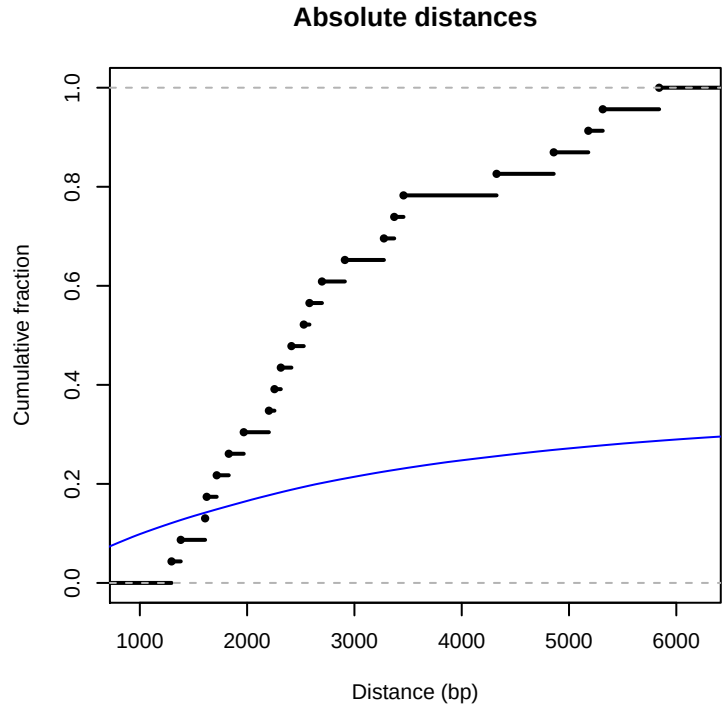
Query population : 16
Reference population : 181
Relative Ks p−value : 0.160518
Relative ecdf deviation area : 0.058891
Relative ecdf area correlation : −0.202186
Relative ecdf deviation area p−value : 0.11
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.12
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.286981
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

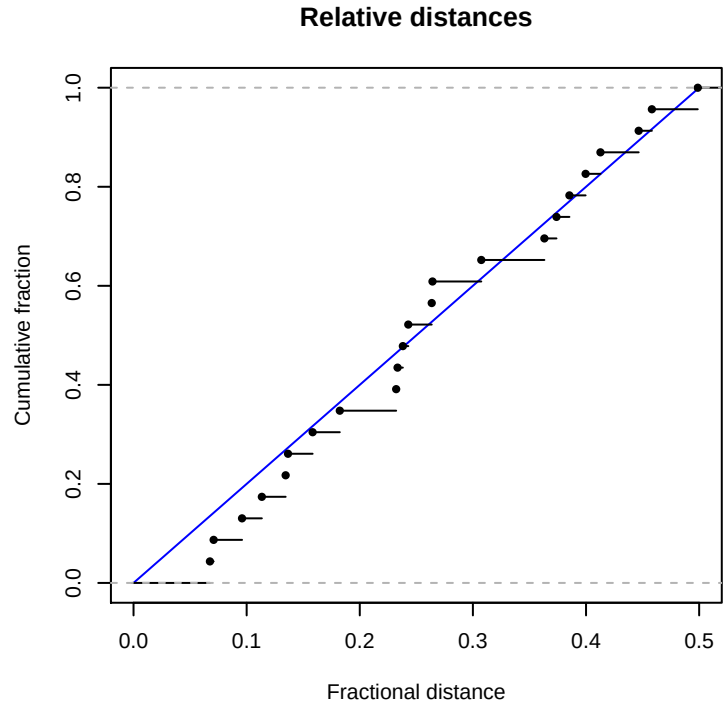




pcontig_034

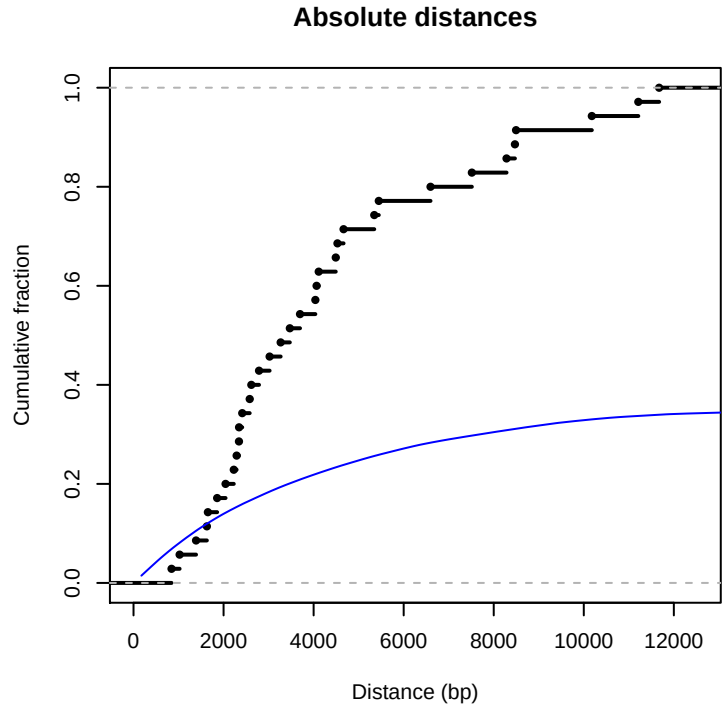
Query population : 23
Reference population : 163
Relative Ks p−value : 0.746211
Relative ecdf deviation area : 0.021034
Relative ecdf area correlation : −0.0573037
Relative ecdf deviation area p−value : 0.85
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.05
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.199094
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

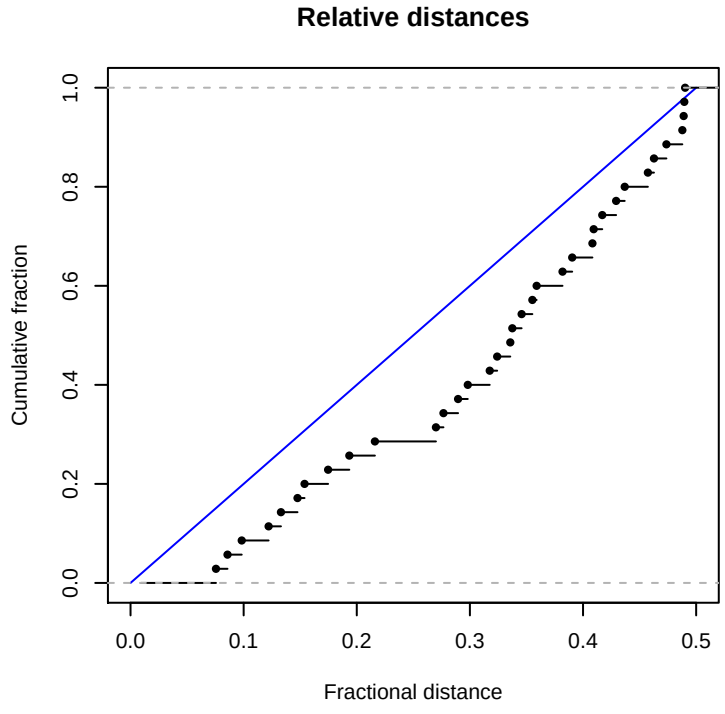




pcontig_035

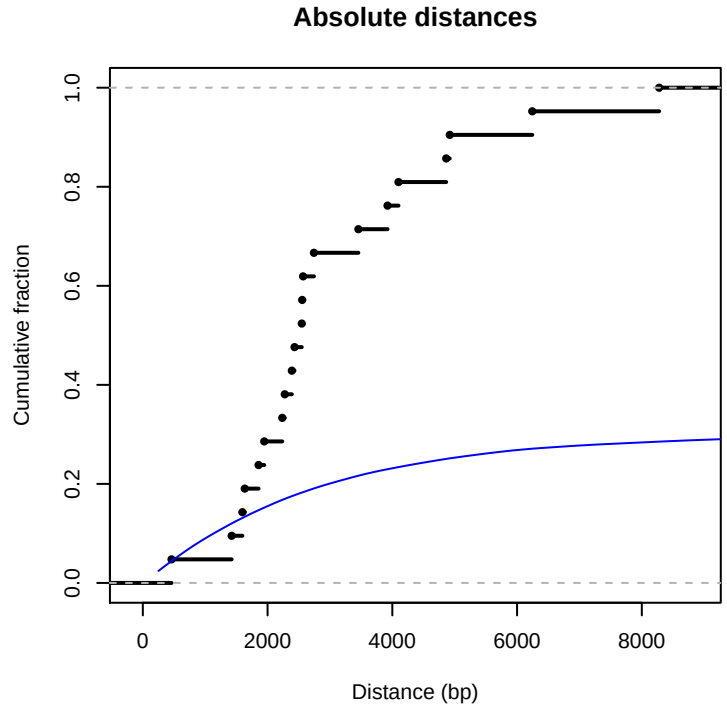
Query population : 35
Reference population : 129
Relative Ks p−value : 0.0175787
Relative ecdf deviation area : 0.0682072
Relative ecdf area correlation : −0.2723
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.113141
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

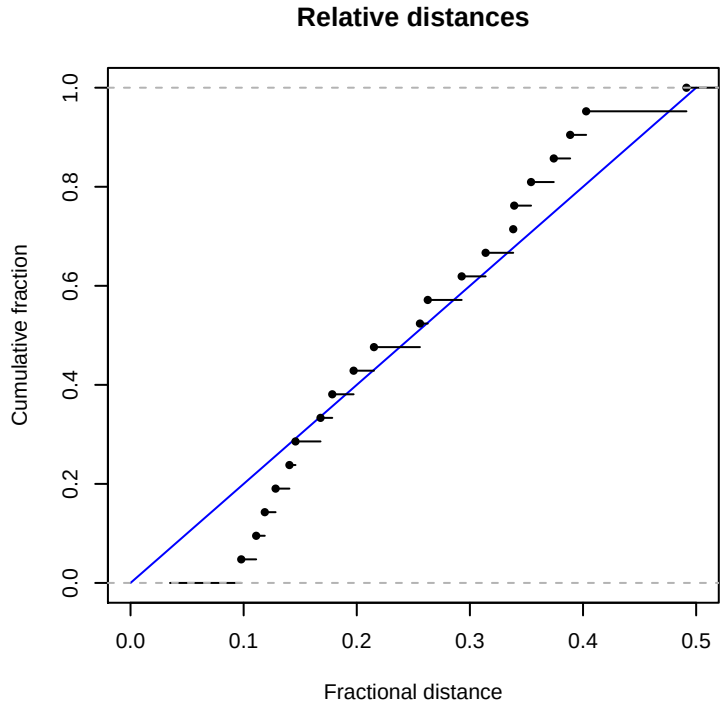




pcontig_036

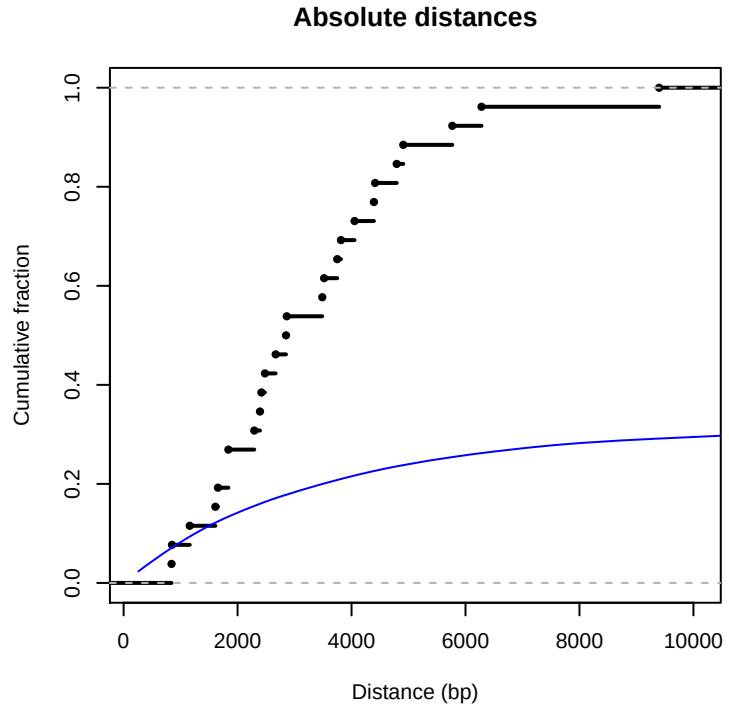
Query population : 21
Reference population : 148
Relative Ks p−value : 0.350295
Relative ecdf deviation area : 0.0298737
Relative ecdf area correlation : −0.0123017
Relative ecdf deviation area p−value : 0.52
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.14
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.237151
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

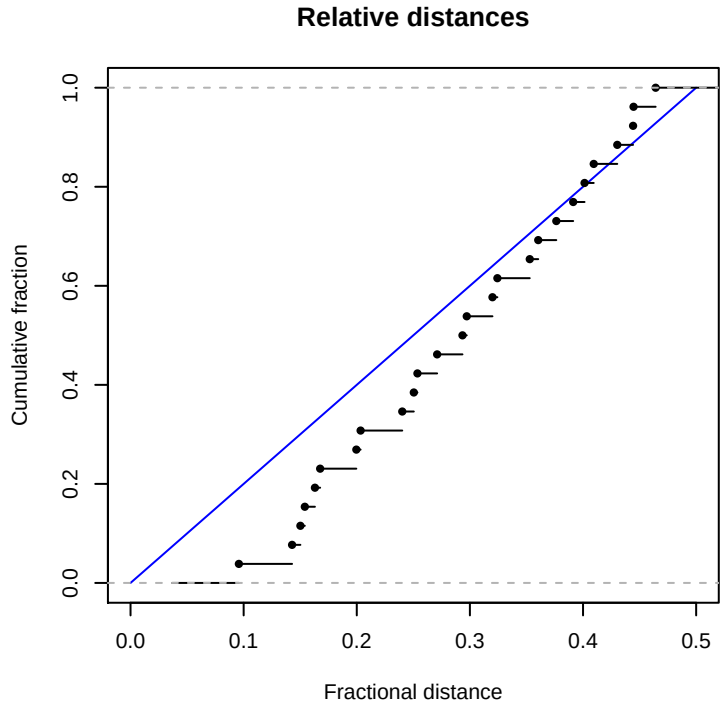




pcontig_037

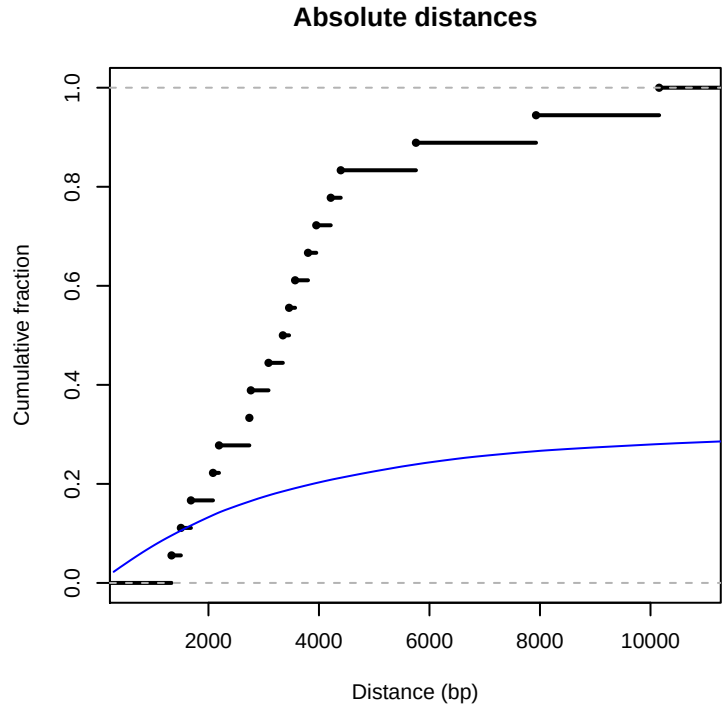
Query population : 26
Reference population : 137
Relative Ks p−value : 0.0694748
Relative ecdf deviation area : 0.0478954
Relative ecdf area correlation : −0.169517
Relative ecdf deviation area p−value : 0.07
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.1637
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

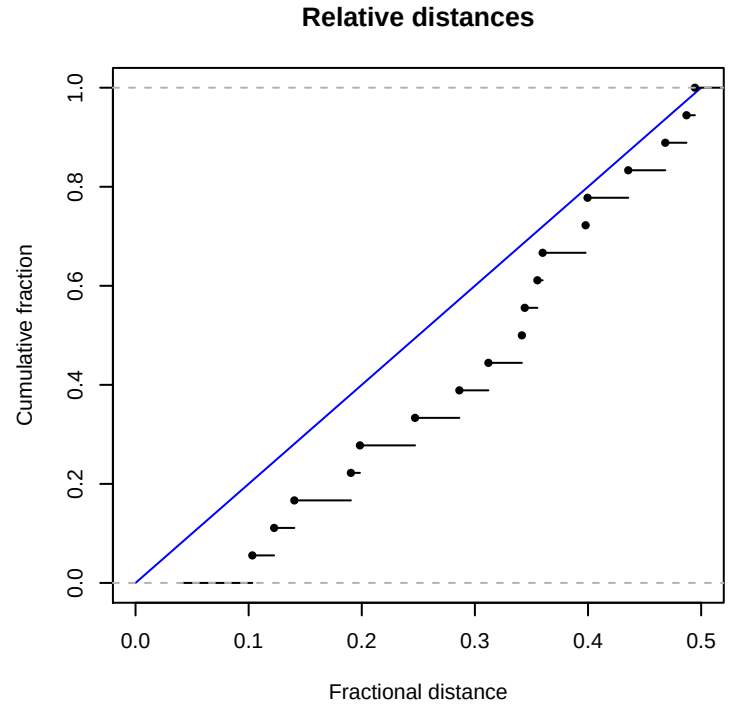




pcontig_039

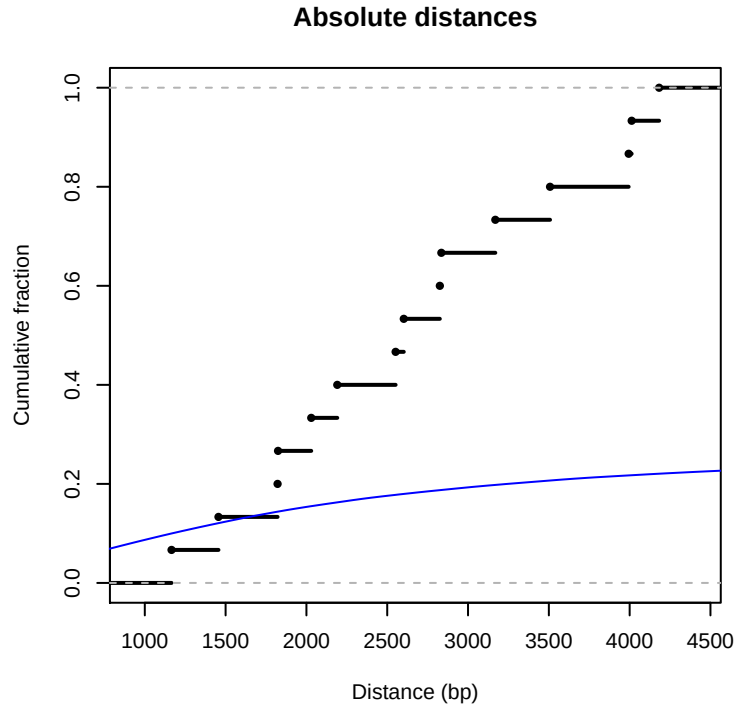
Query population : 18
Reference population : 121
Relative Ks p−value : 0.216626
Relative ecdf deviation area : 0.0663811
Relative ecdf area correlation : −0.263053
Relative ecdf deviation area p−value : 0.04
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.16
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.280486
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

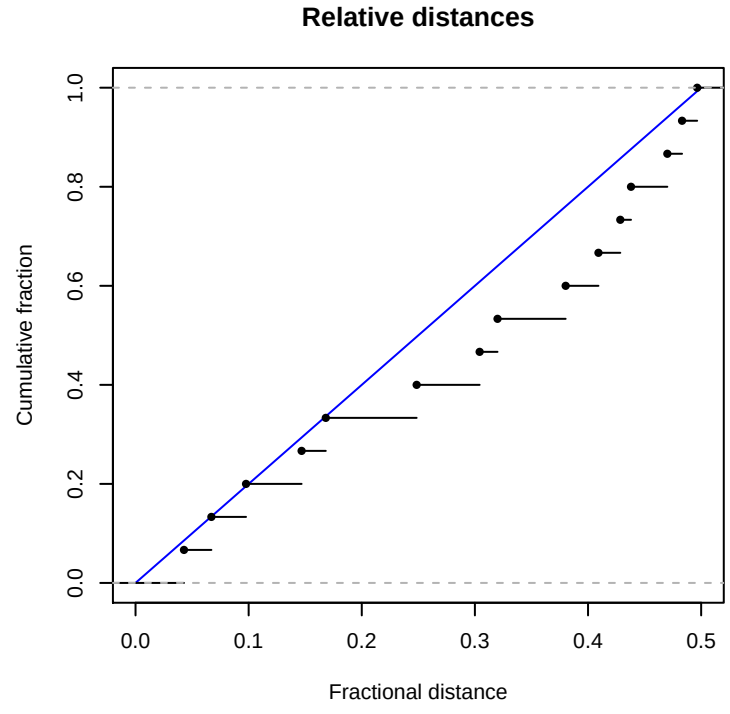




pcontig_040

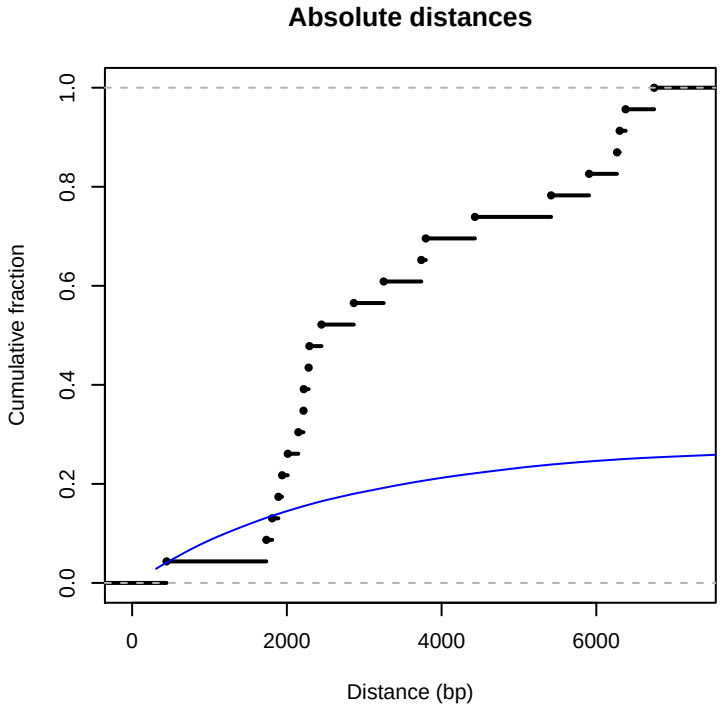
Query population : 15
Reference population : 138
Relative Ks p−value : 0.365272
Relative ecdf deviation area : 0.051047
Relative ecdf area correlation : −0.200278
Relative ecdf deviation area p−value : 0.22
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.14
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.317521
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

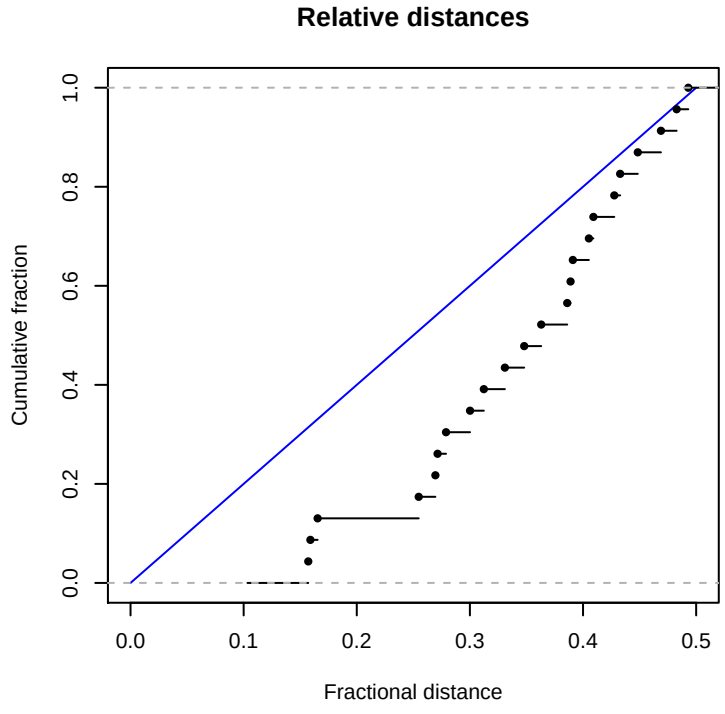




pcontig_041

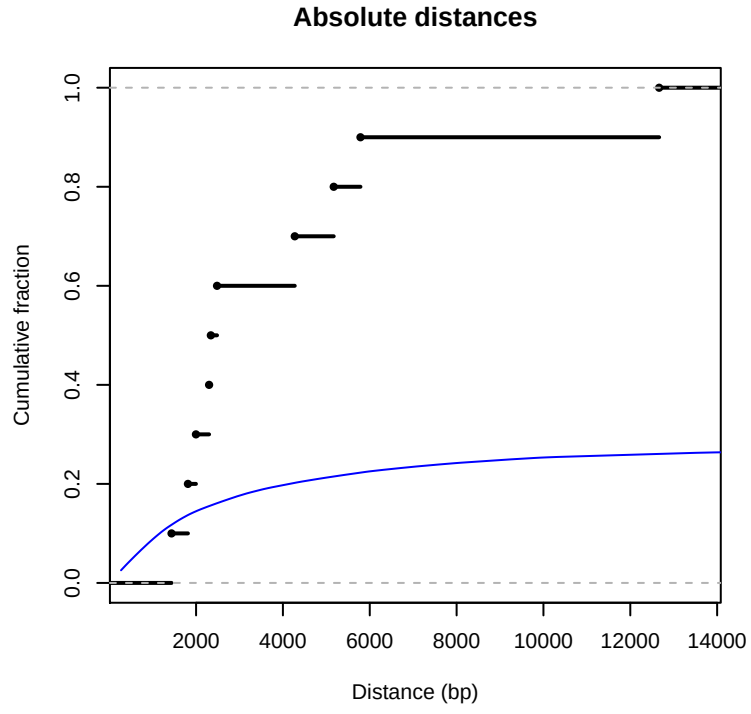
Query population : 23
Reference population : 142
Relative Ks p−value : 0.00176597
Relative ecdf deviation area : 0.0964514
Relative ecdf area correlation : −0.381635
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.09
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.204723
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

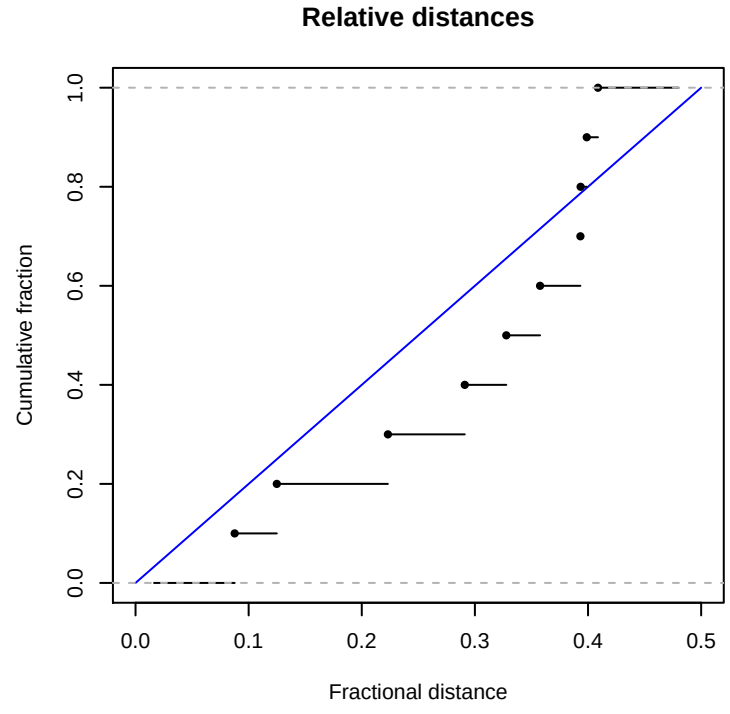




pcontig_042

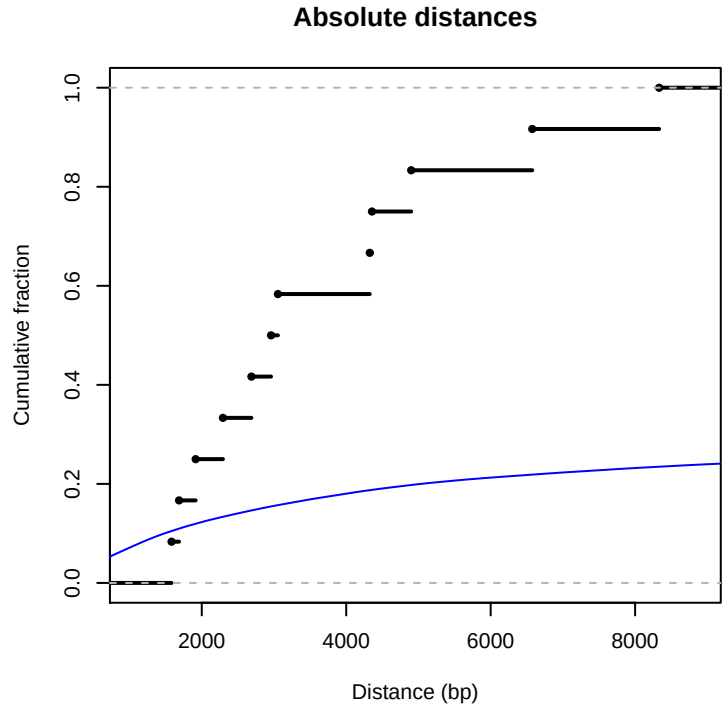
Query population : 10
Reference population : 144
Relative Ks p−value : 0.337591
Relative ecdf deviation area : 0.0689552
Relative ecdf area correlation : −0.202585
Relative ecdf deviation area p−value : 0.14
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.22
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.491471
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

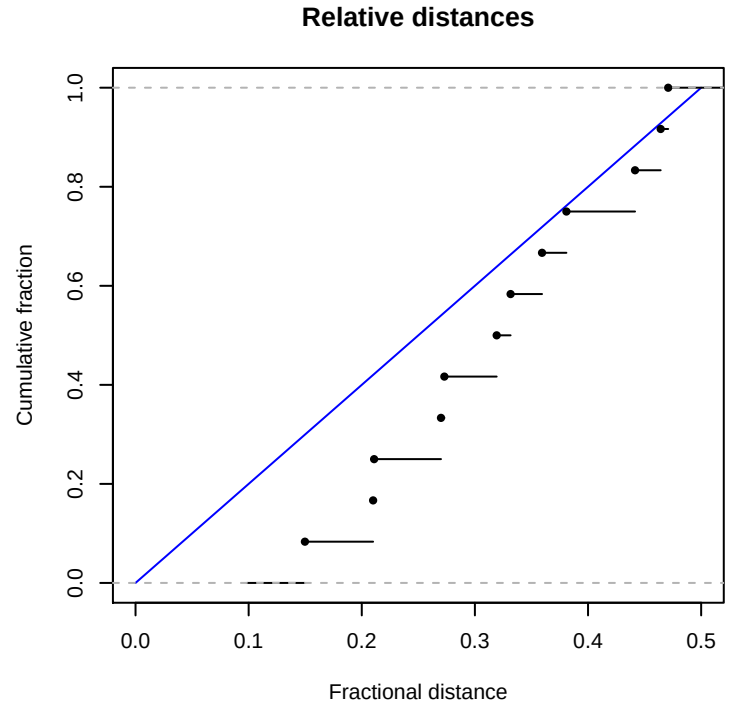




pcontig_043

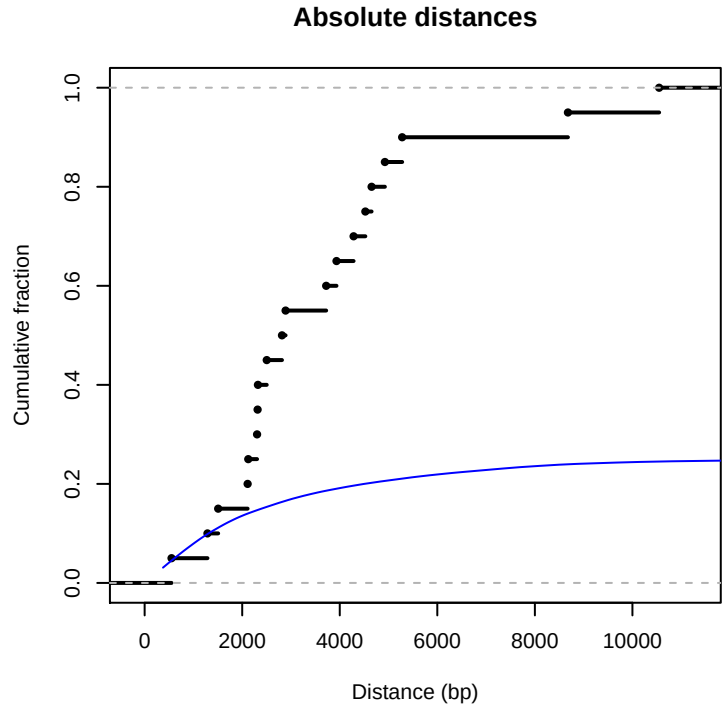
Query population : 12
Reference population : 113
Relative Ks p−value : 0.102572
Relative ecdf deviation area : 0.0752925
Relative ecdf area correlation : −0.293783
Relative ecdf deviation area p−value : 0.07
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.32
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.483947
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

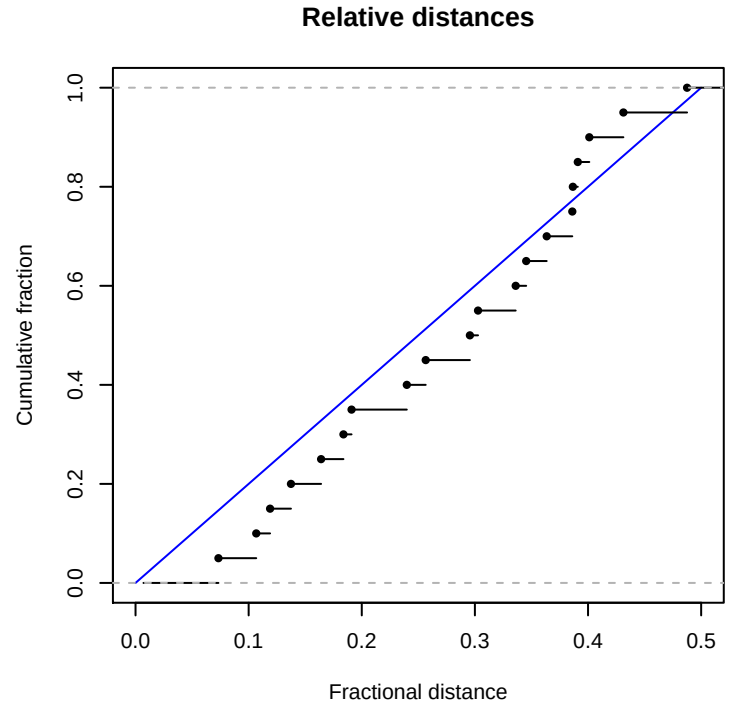




pcontig_044

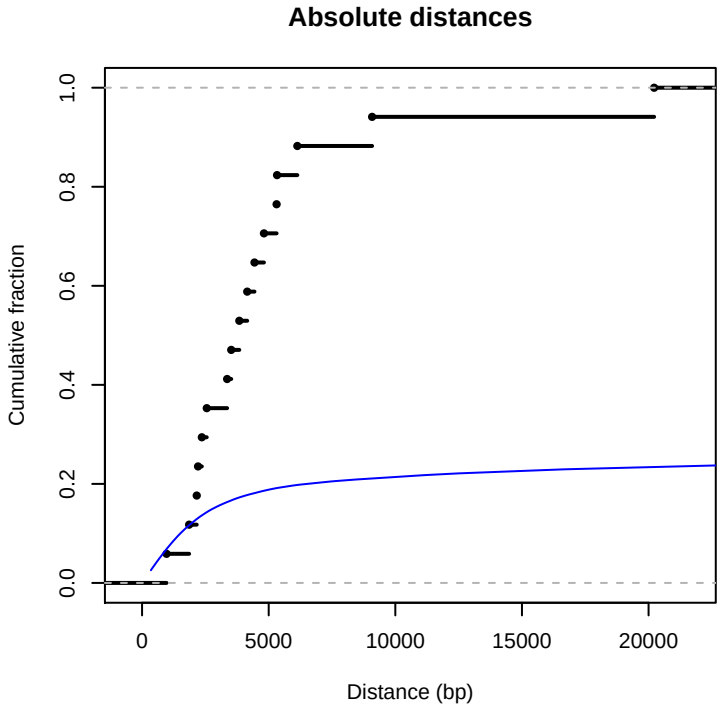
Query population : 20
Reference population : 126
Relative Ks p−value : 0.602556
Relative ecdf deviation area : 0.0392837
Relative ecdf area correlation : −0.11966
Relative ecdf deviation area p−value : 0.21
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.15
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.256486
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

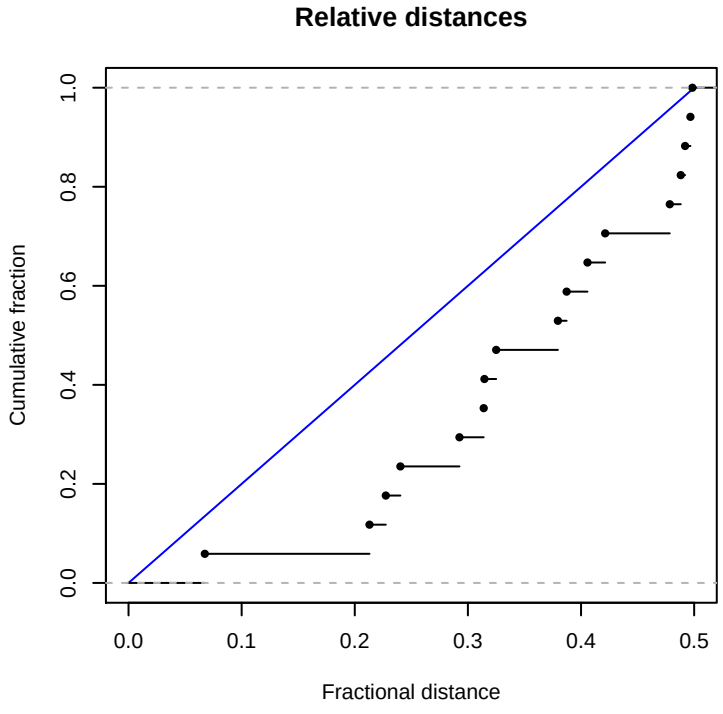




pcontig_045

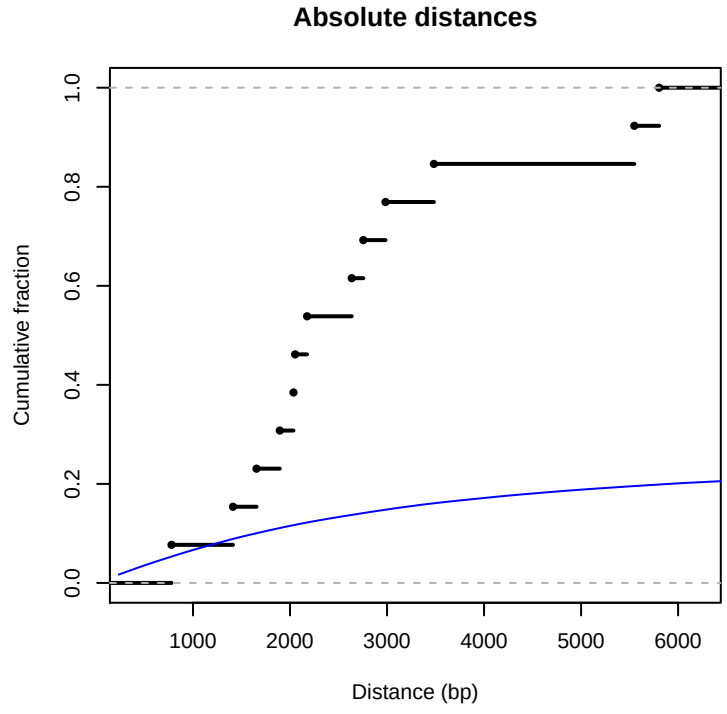
Query population : 17
Reference population : 113
Relative Ks p−value : 0.0145877
Relative ecdf deviation area : 0.105566
Relative ecdf area correlation : −0.421634
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.12
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.343021
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

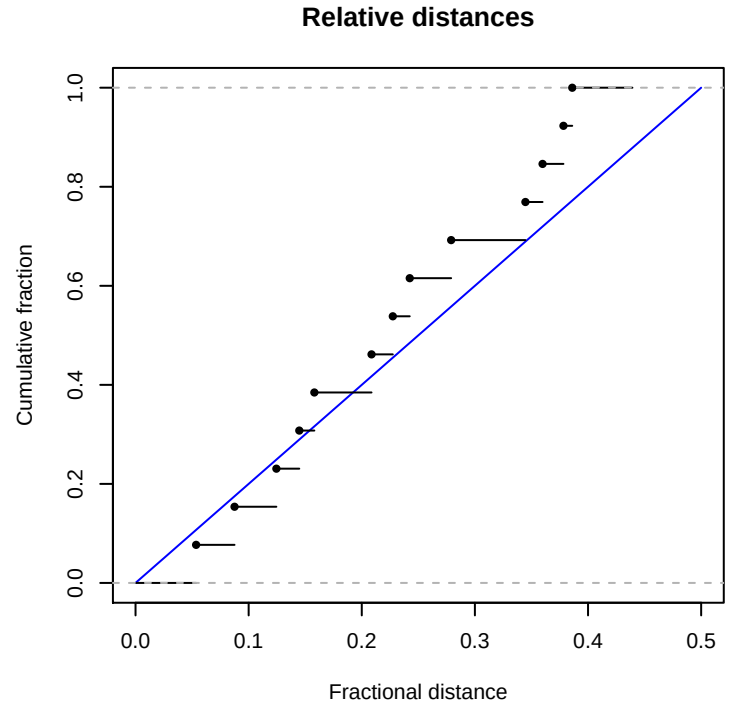




pcontig_046

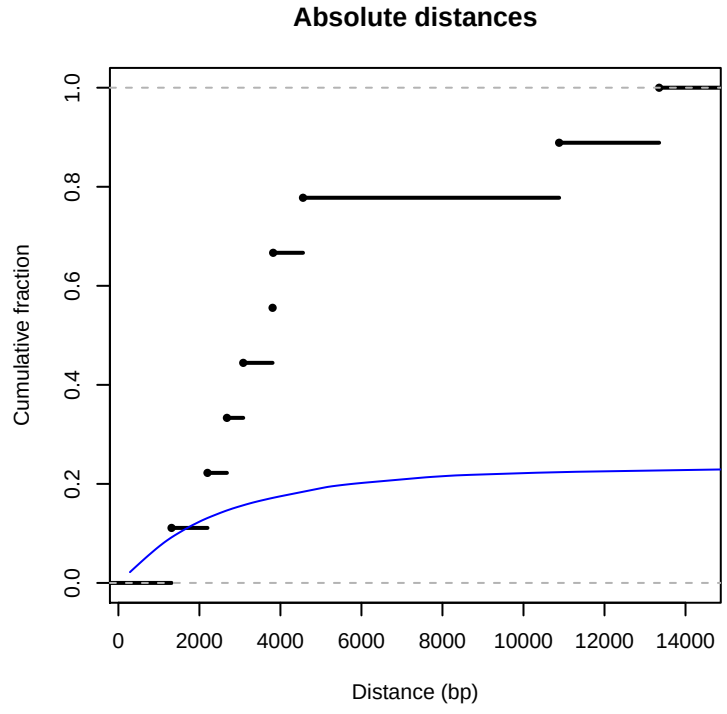
Query population : 13
Reference population : 110
Relative Ks p−value : 0.44412
Relative ecdf deviation area : 0.0360016
Relative ecdf area correlation : 0.0785502
Relative ecdf deviation area p−value : 0.61
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.38
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.476509
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

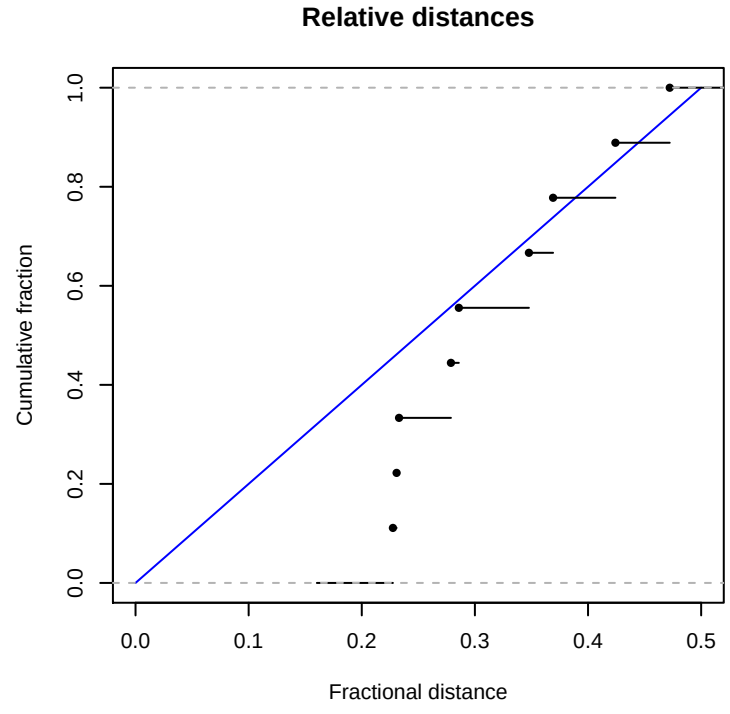




pcontig_047

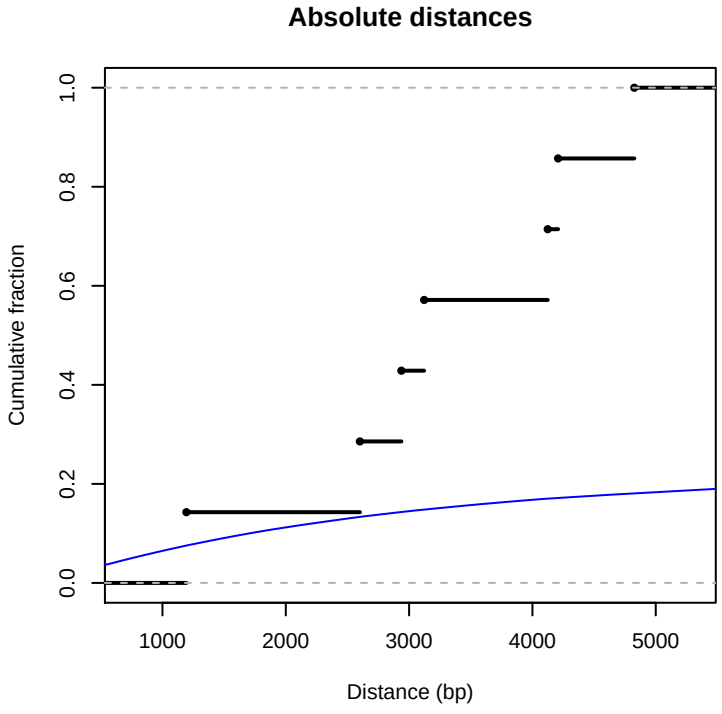
Query population : 9
Reference population : 117
Relative Ks p−value : 0.0319699
Relative ecdf deviation area : 0.0713978
Relative ecdf area correlation : −0.275198
Relative ecdf deviation area p−value : 0.16
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.38
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.468118
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

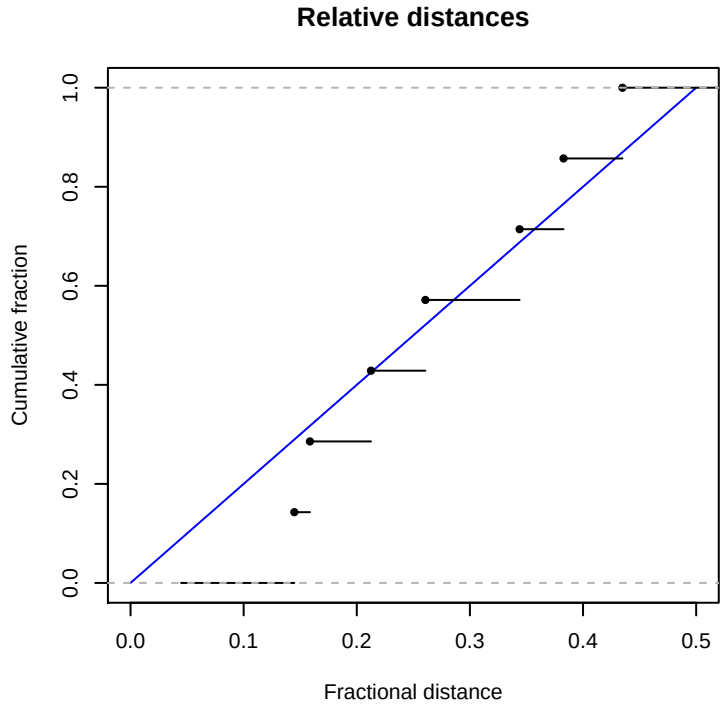




pcontig_048

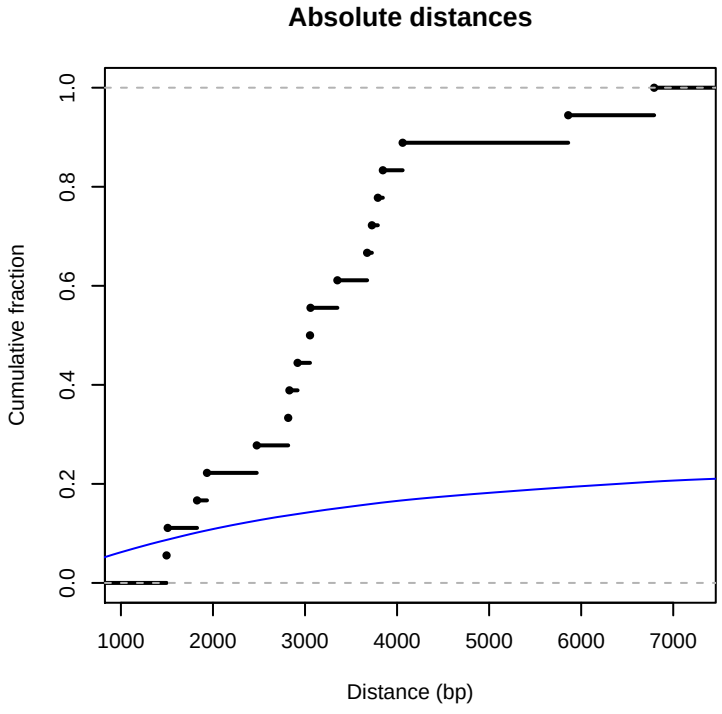
Query population : 7
Reference population : 106
Relative Ks p−value : 0.509342
Relative ecdf deviation area : 0.0410095
Relative ecdf area correlation : −0.107547
Relative ecdf deviation area p−value : 0.77
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.45
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.30687
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

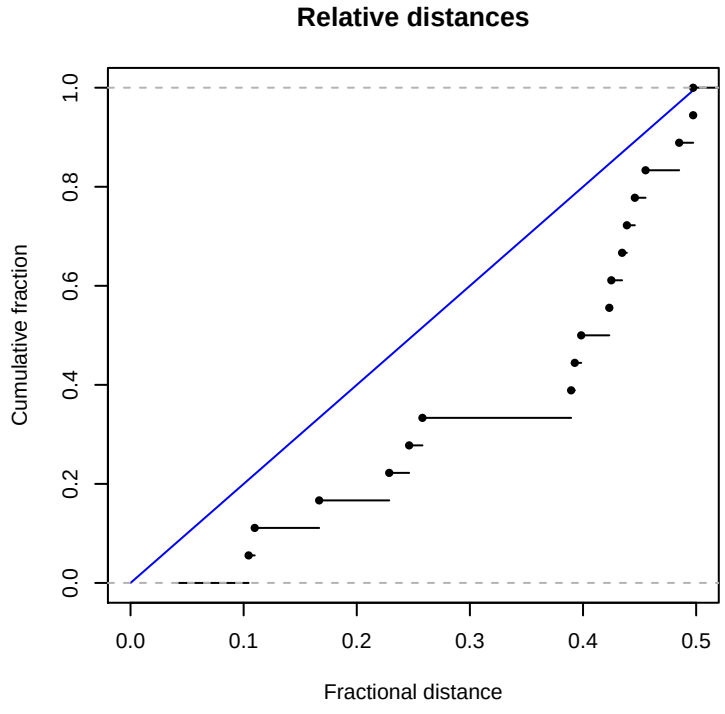




pcontig_049

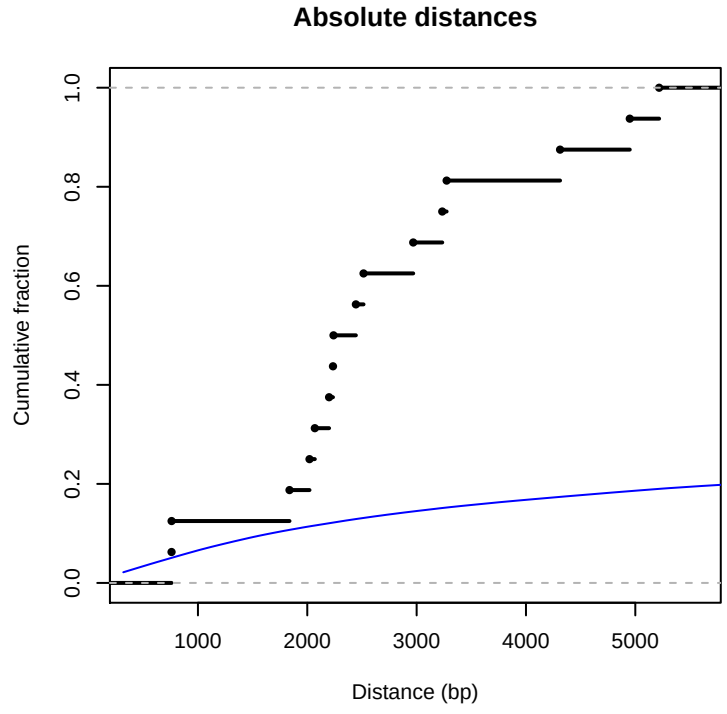
Query population : 18
Reference population : 100
Relative Ks p−value : 0.000889168
Relative ecdf deviation area : 0.105615
Relative ecdf area correlation : −0.421528
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.18
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.342501
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

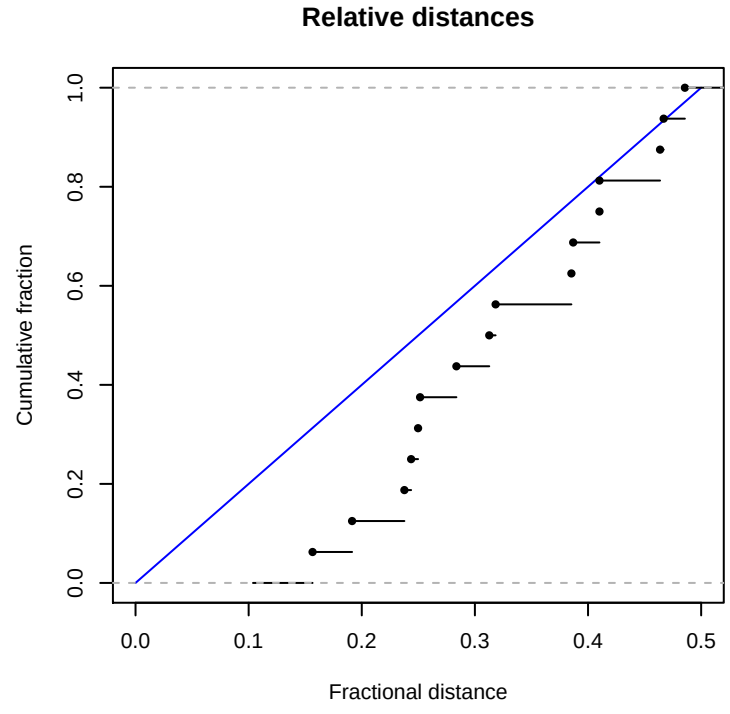




pcontig_050

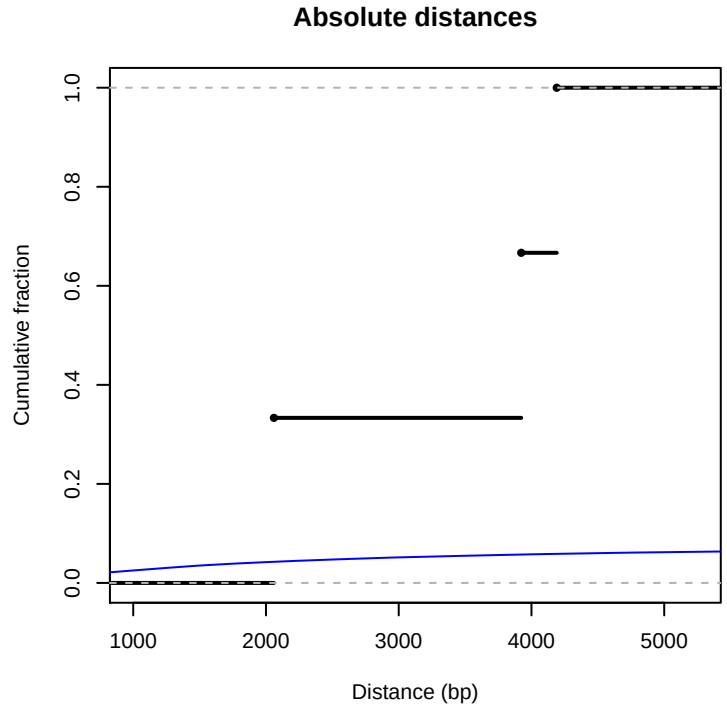
Query population : 16
Reference population : 104
Relative Ks p−value : 0.0292655
Relative ecdf deviation area : 0.0786715
Relative ecdf area correlation : −0.313438
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.26
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.424893
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

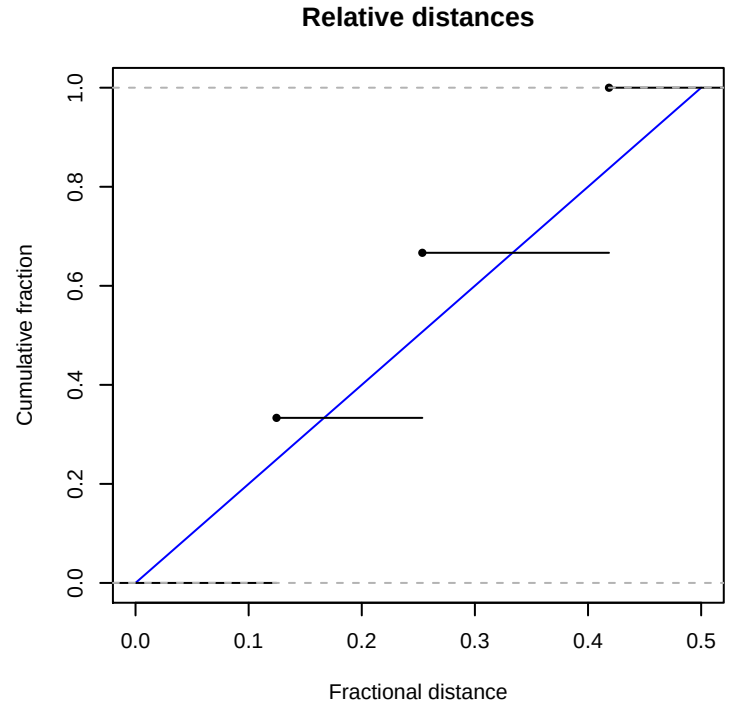




pcontig_051

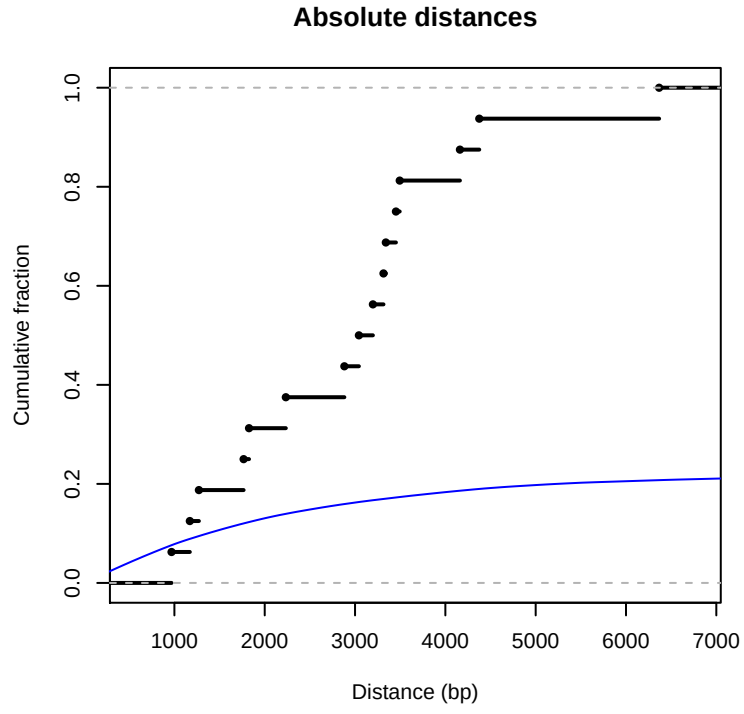
Query population : 3
Reference population : 41
Relative Ks p−value : 0.972964
Relative ecdf deviation area : 0.0450978
Relative ecdf area correlation : −0.0622463
Relative ecdf deviation area p−value : 0.95
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.07
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0523074
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

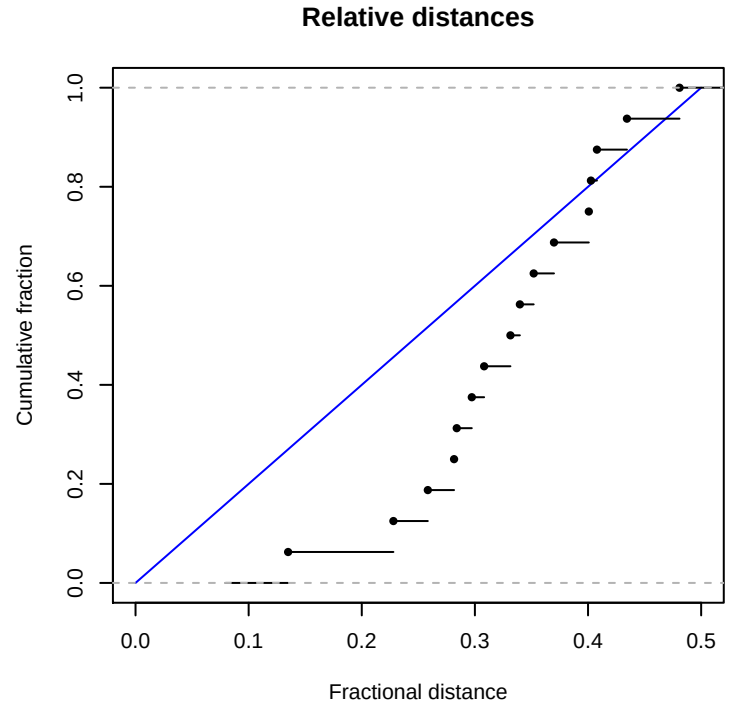




pcontig_052

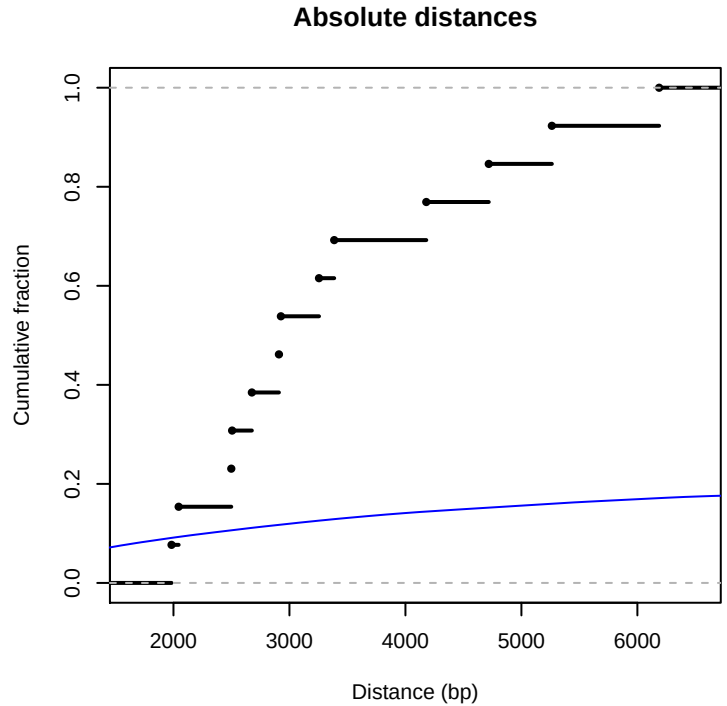
Query population : 16
Reference population : 127
Relative Ks p−value : 0.00962728
Relative ecdf deviation area : 0.0869044
Relative ecdf area correlation : −0.327907
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.18
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.359512
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

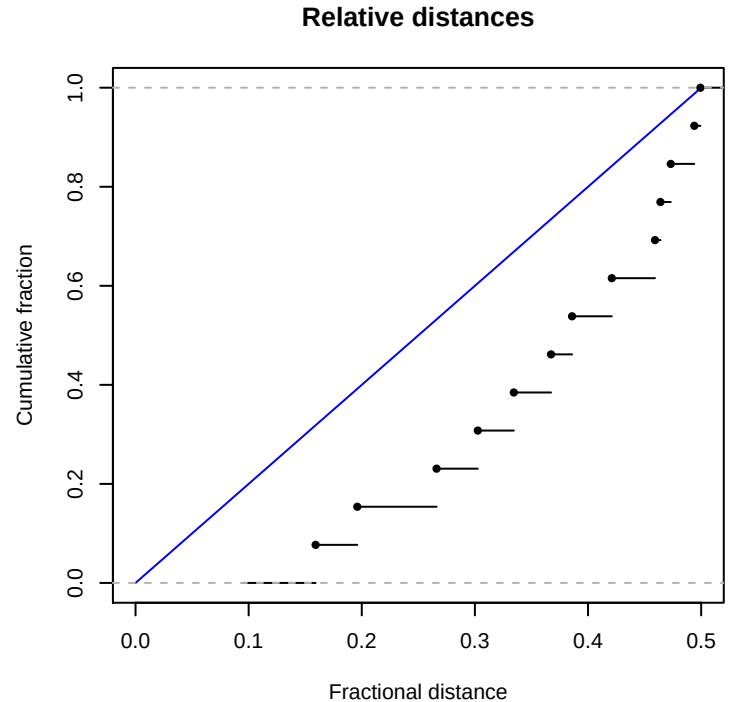




pcontig_054

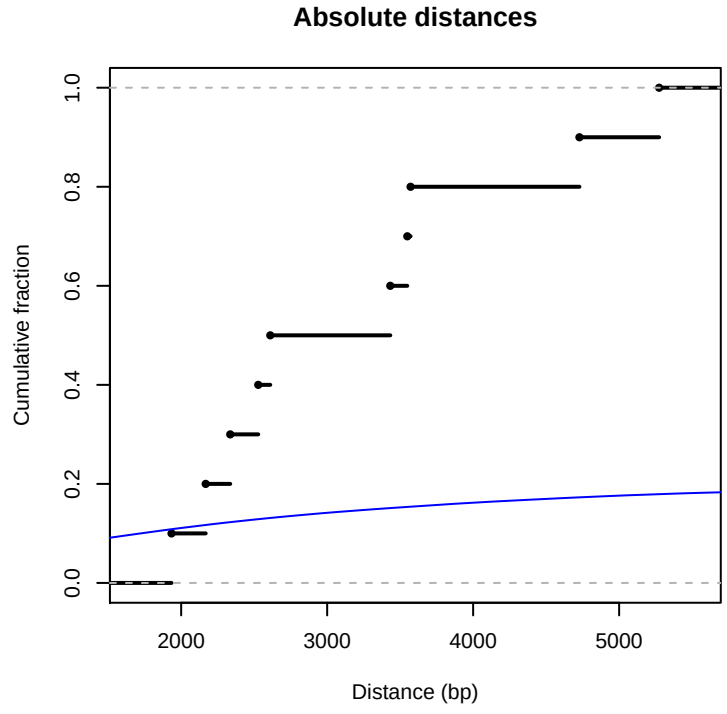
Query population : 13
Reference population : 83
Relative Ks p−value : 0.035068
Relative ecdf deviation area : 0.120482
Relative ecdf area correlation : −0.483743
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.41
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.415121
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

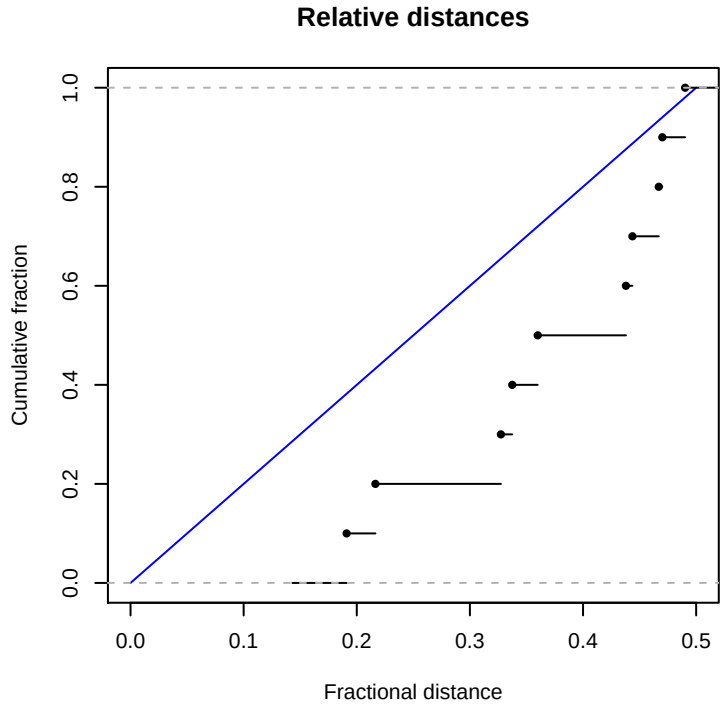




pcontig_055

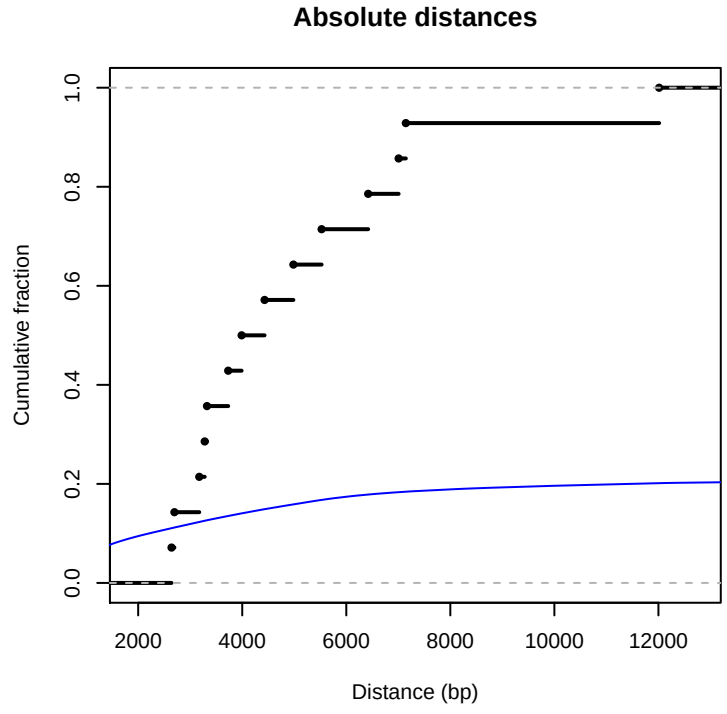
Query population : 10
Reference population : 107
Relative Ks p−value : 0.0207509
Relative ecdf deviation area : 0.124633
Relative ecdf area correlation : −0.496471
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.42
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.43391
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

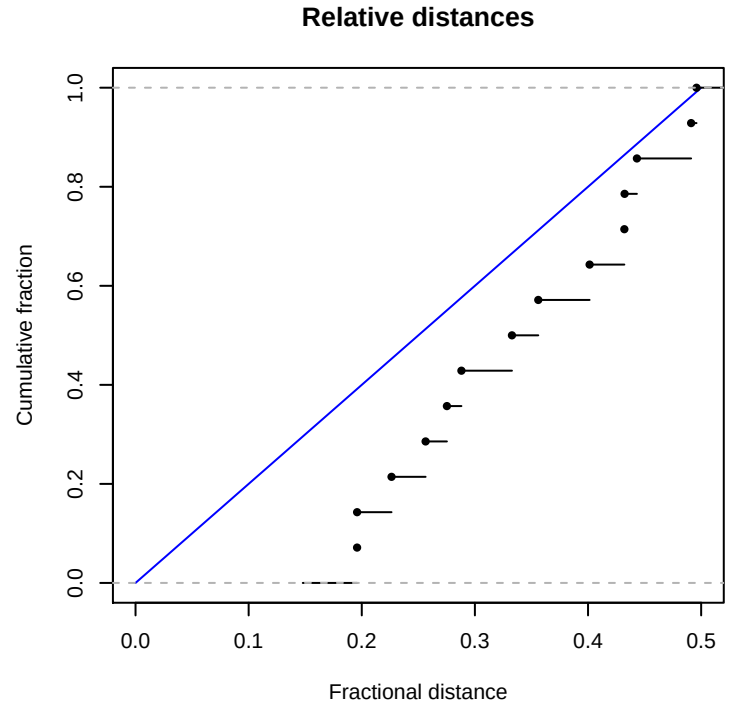




pcontig_056

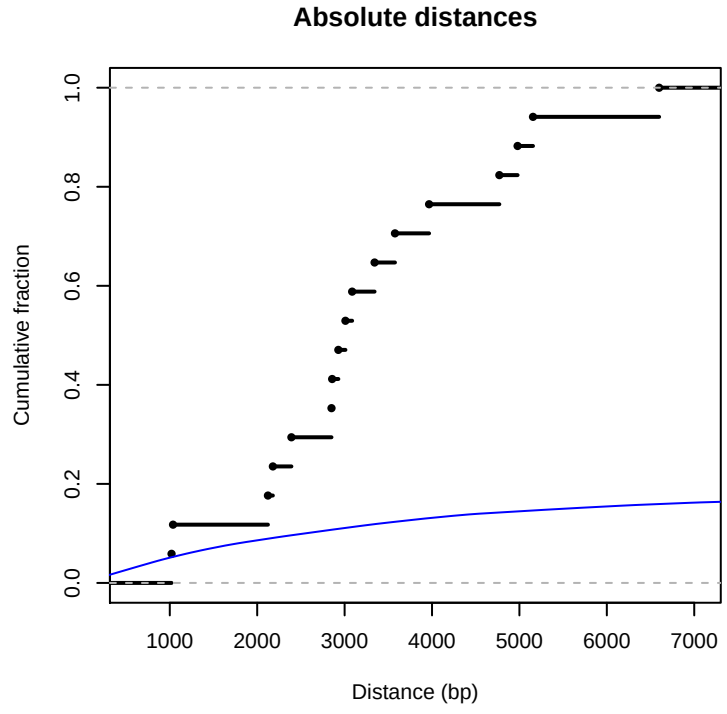
Query population : 14
Reference population : 91
Relative Ks p−value : 0.0190661
Relative ecdf deviation area : 0.0946857
Relative ecdf area correlation : −0.377911
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.36
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.450784
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

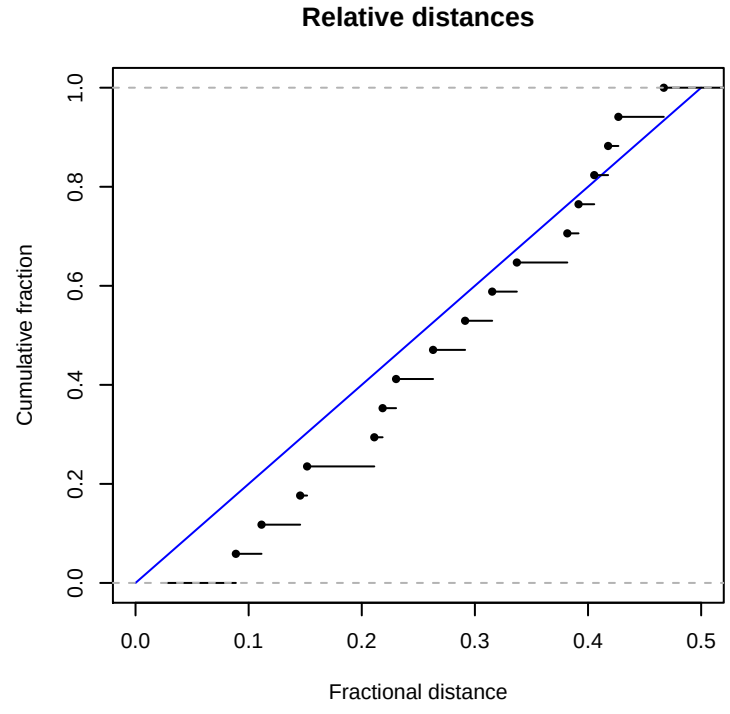




pcontig_057

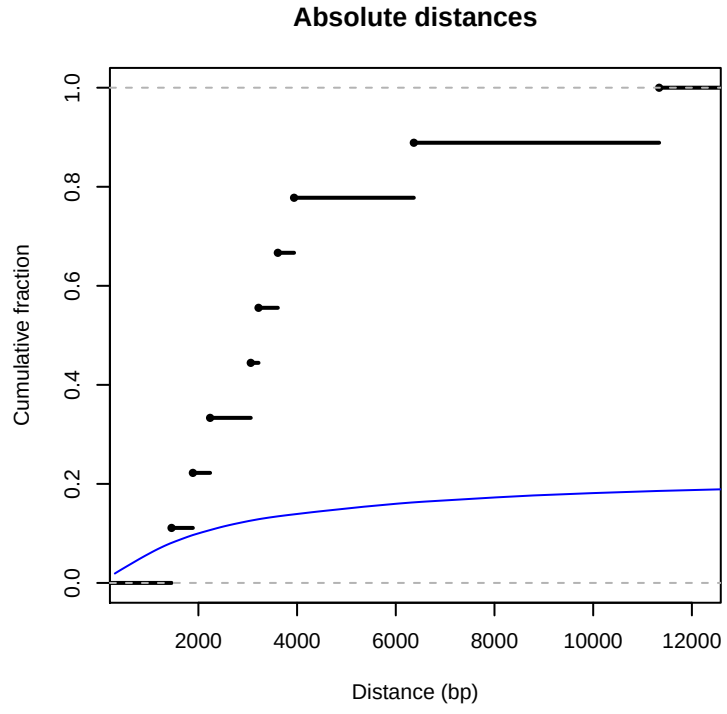
Query population : 17
Reference population : 81
Relative Ks p−value : 0.532396
Relative ecdf deviation area : 0.0418171
Relative ecdf area correlation : −0.142184
Relative ecdf deviation area p−value : 0.33
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.32
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.470493
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

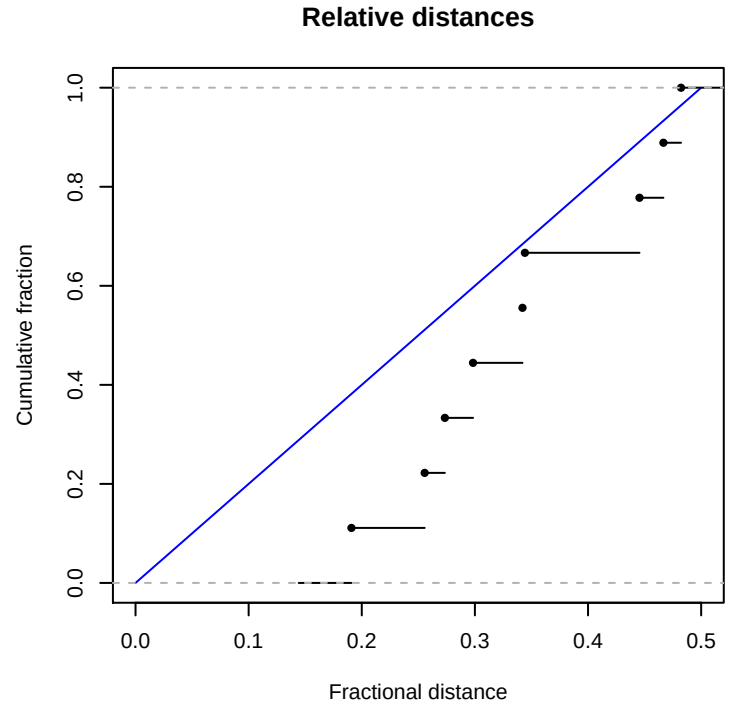




pcontig_058

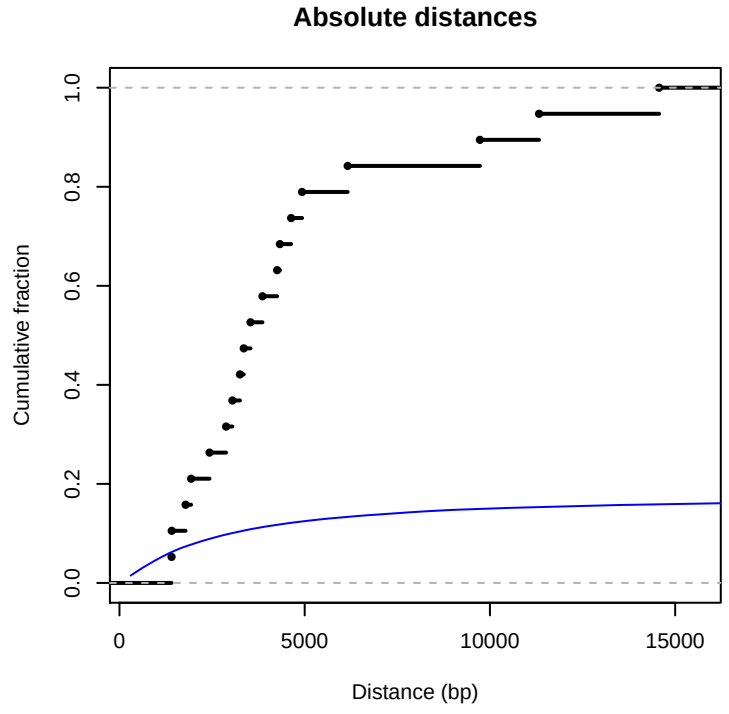
Query population : 9
Reference population : 95
Relative Ks p−value : 0.0820546
Relative ecdf deviation area : 0.0950847
Relative ecdf area correlation : −0.377294
Relative ecdf deviation area p−value : 0.04
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.48
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.358852
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

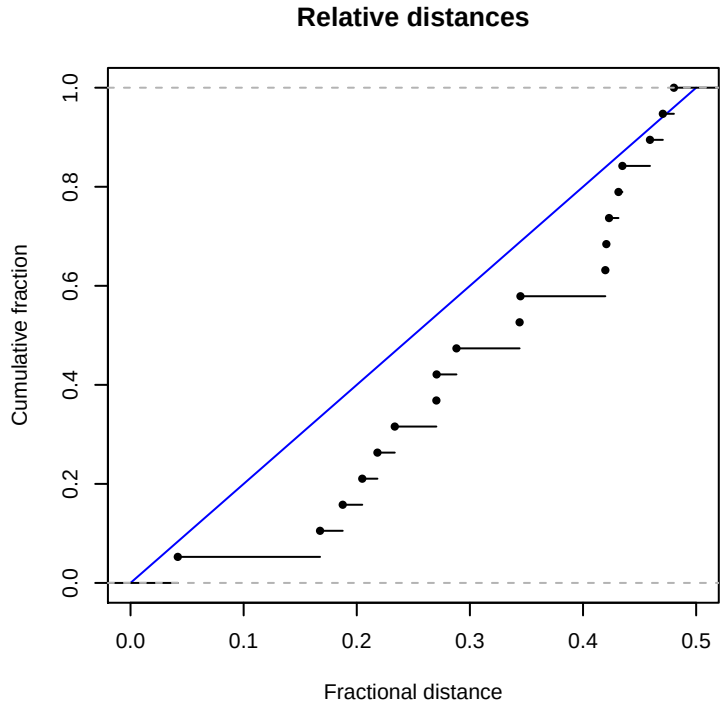




pcontig_059

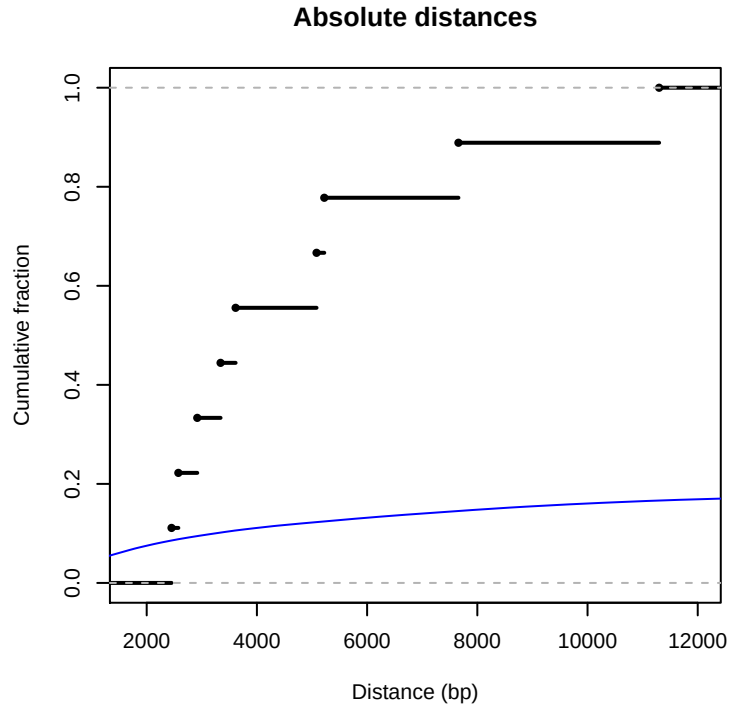
Query population : 19
Reference population : 76
Relative Ks p−value : 0.0781466
Relative ecdf deviation area : 0.0723623
Relative ecdf area correlation : −0.28649
Relative ecdf deviation area p−value : 0.03
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.23
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.436343
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

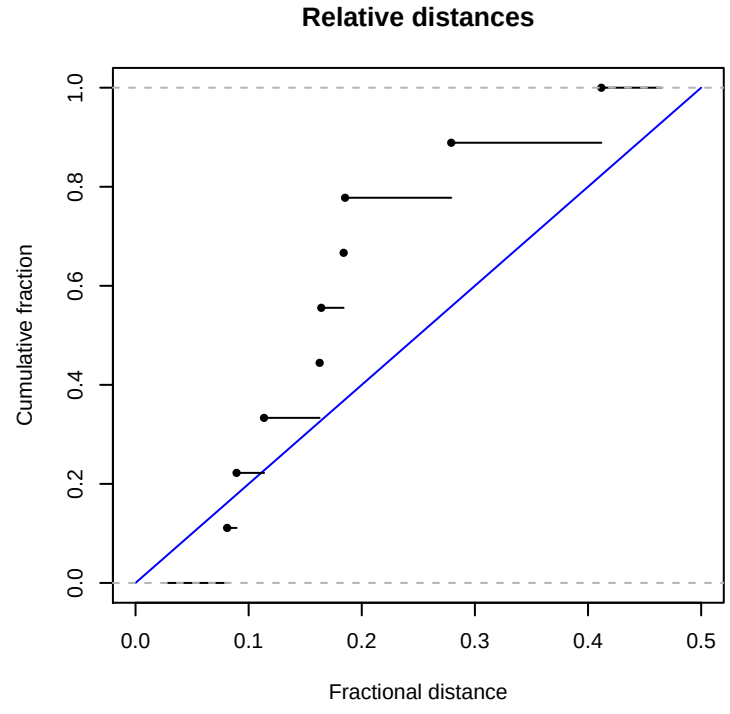




pcontig_060

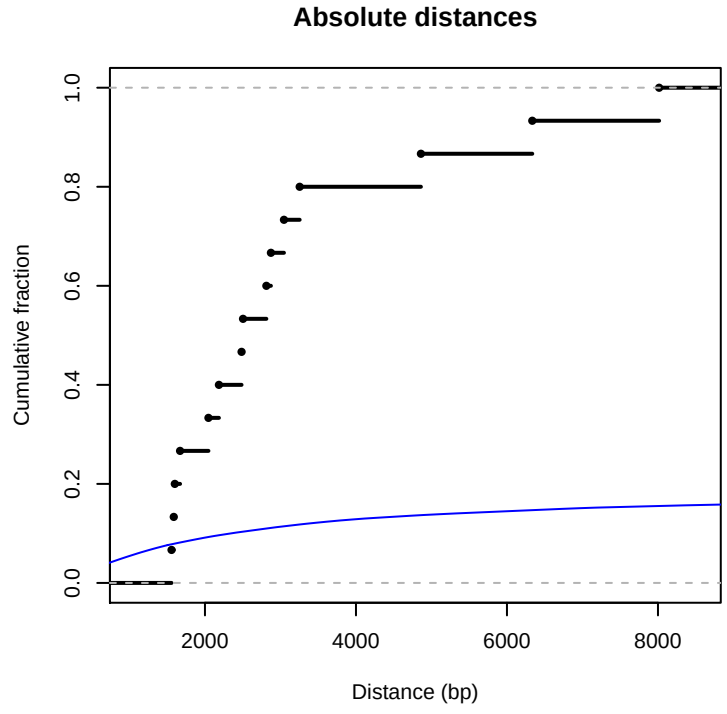
Query population : 9
Reference population : 67
Relative Ks p−value : 0.0730555
Relative ecdf deviation area : 0.0785986
Relative ecdf area correlation : 0.25736
Relative ecdf deviation area p−value : 0.09
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.39
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.328178
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

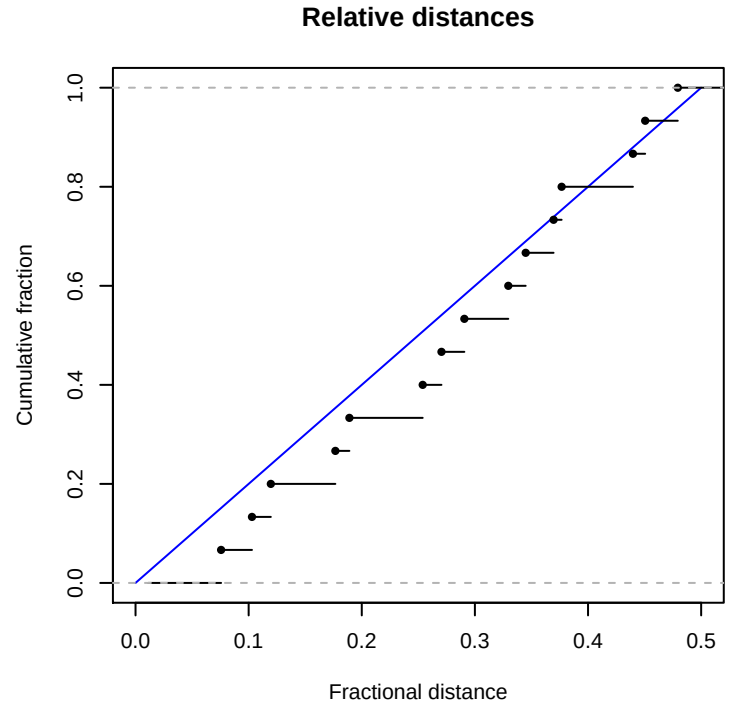




pcontig_062

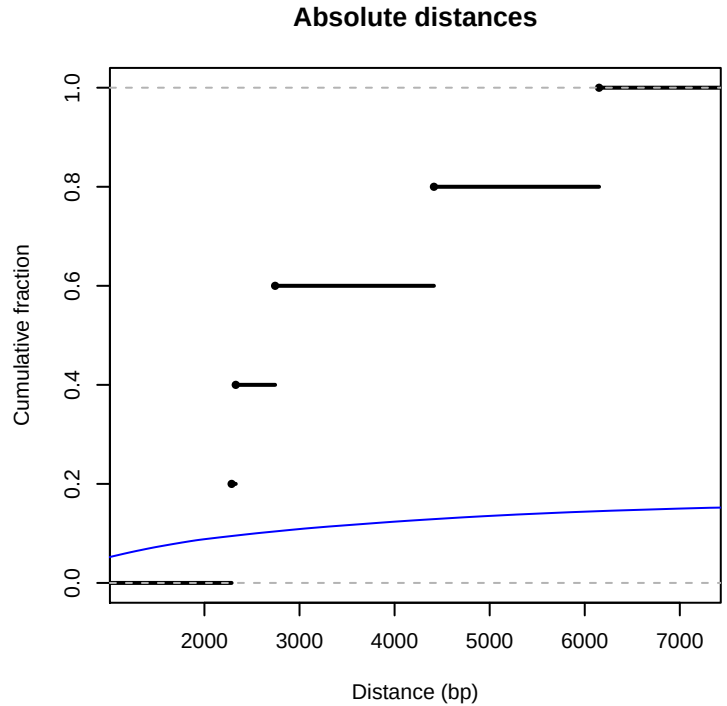
Query population : 15
Reference population : 85
Relative Ks p−value : 0.689109
Relative ecdf deviation area : 0.0367478
Relative ecdf area correlation : −0.13844
Relative ecdf deviation area p−value : 0.43
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.33
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.497699
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

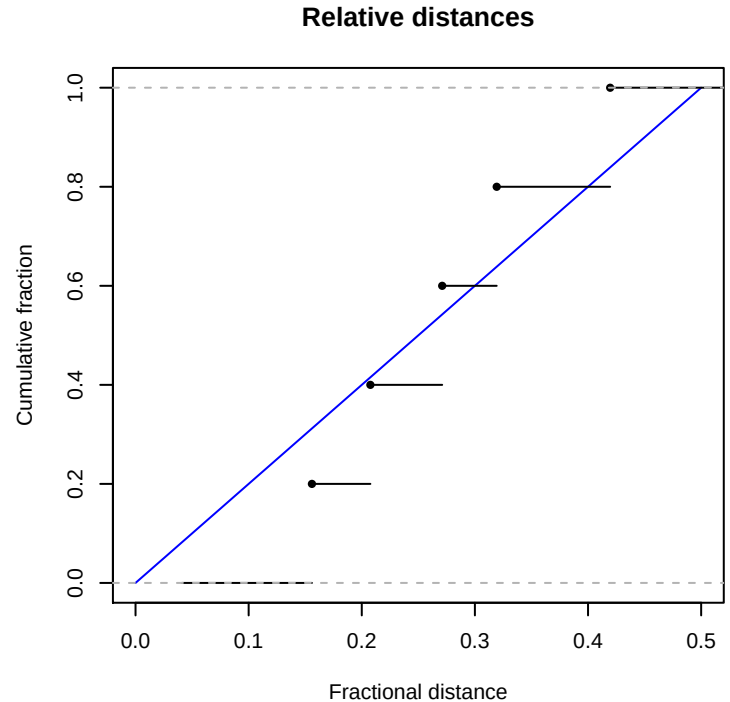




pcontig_064

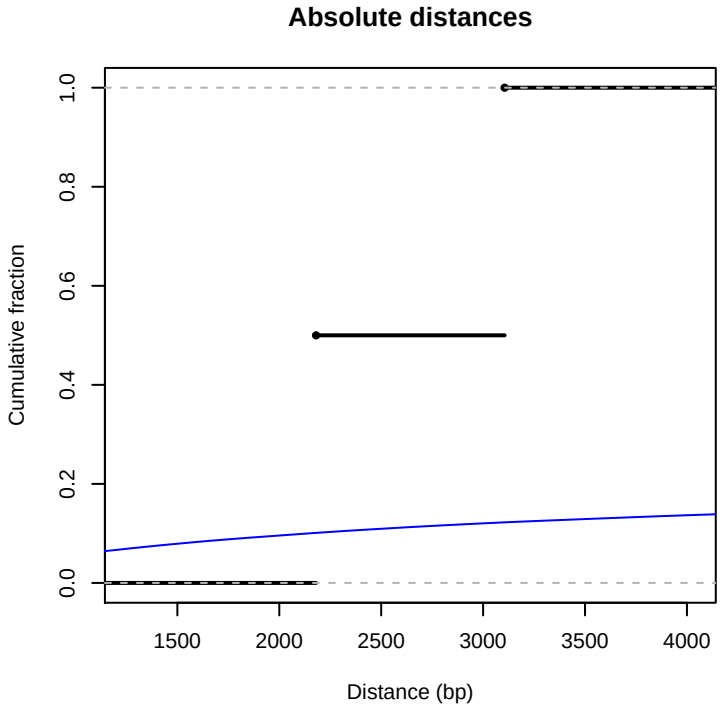
Query population : 5
Reference population : 84
Relative Ks p−value : 0.617028
Relative ecdf deviation area : 0.0520887
Relative ecdf area correlation : −0.098789
Relative ecdf deviation area p−value : 0.73
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.34
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.187752
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

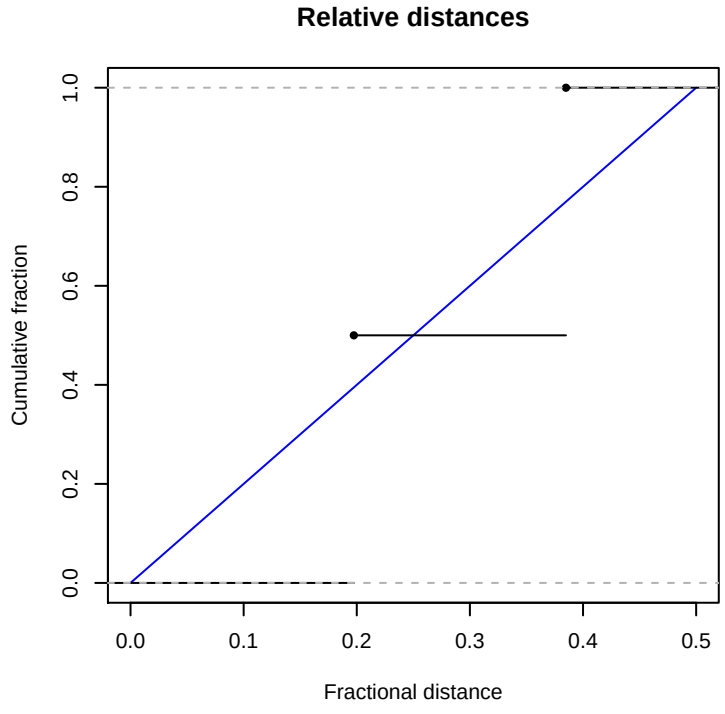




pcontig_065

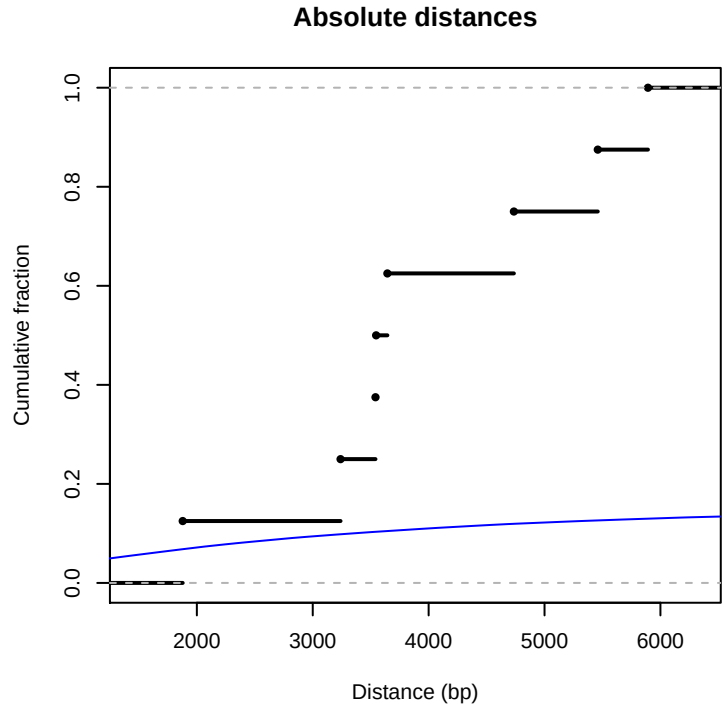
Query population : 2
Reference population : 93
Relative Ks p−value : 0.832214
Relative ecdf deviation area : 0.0726753
Relative ecdf area correlation : −0.164653
Relative ecdf deviation area p−value : 0.87
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.17
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0873531
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

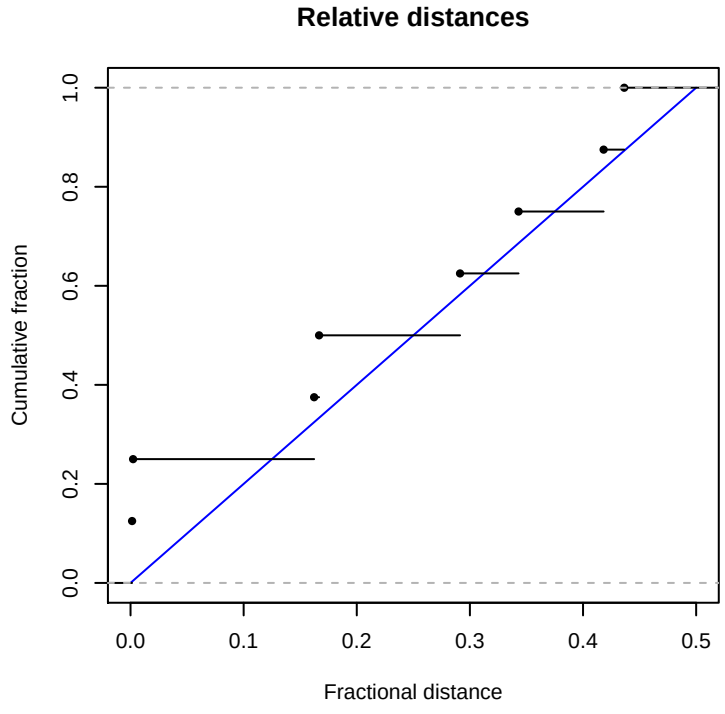




pcontig_066

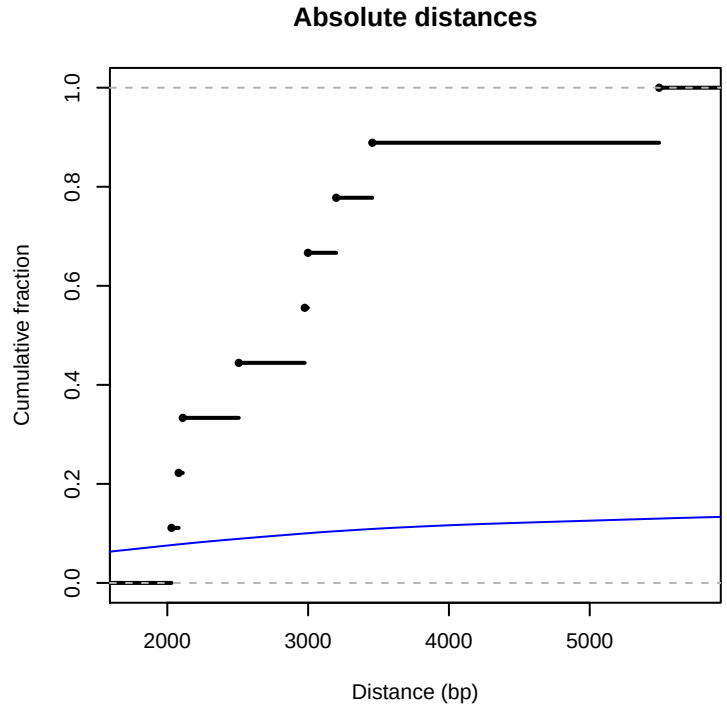
Query population : 8
Reference population : 66
Relative Ks p−value : 0.635096
Relative ecdf deviation area : 0.0337861
Relative ecdf area correlation : 0.0892256
Relative ecdf deviation area p−value : 0.8
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.29
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.201696
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

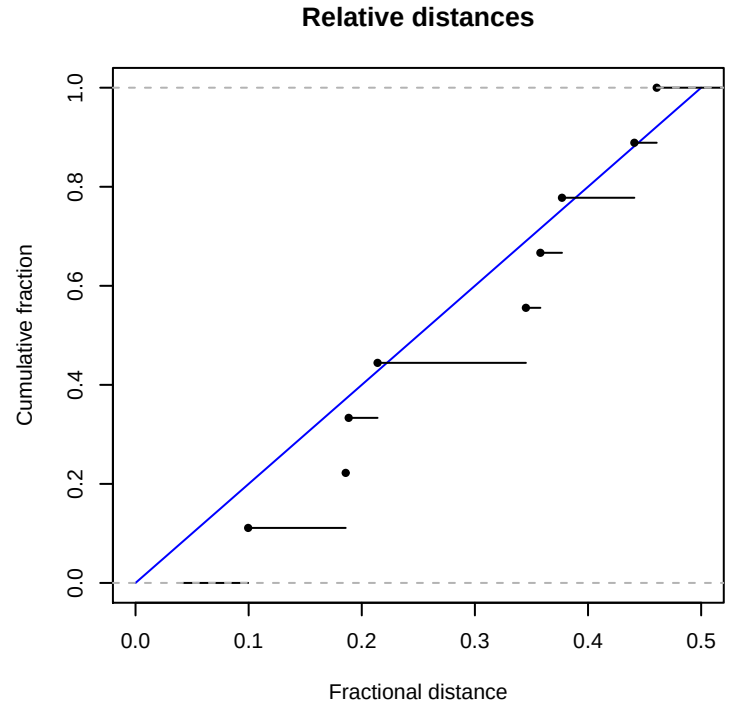




pcontig_067

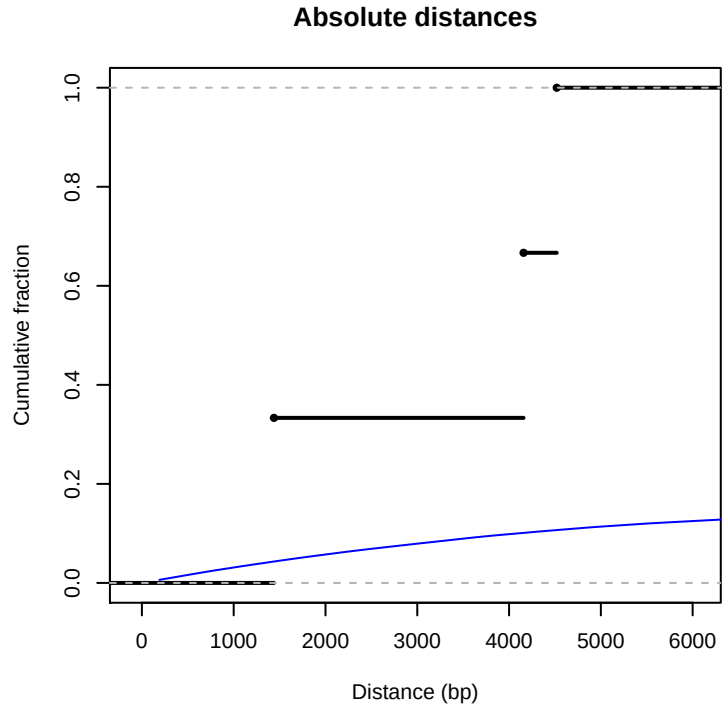
Query population : 9
Reference population : 69
Relative Ks p−value : 0.495648
Relative ecdf deviation area : 0.0503948
Relative ecdf area correlation : −0.18637
Relative ecdf deviation area p−value : 0.41
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.4
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.269115
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

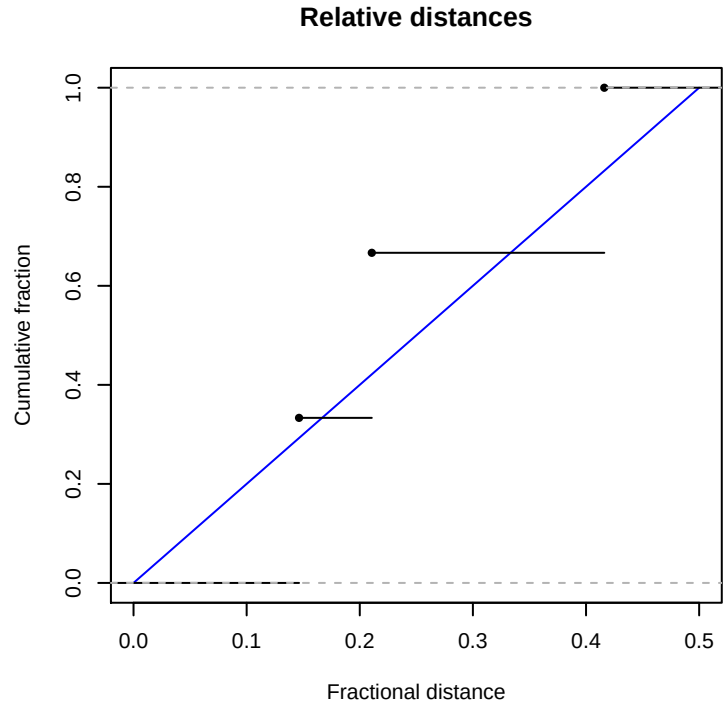




pcontig_068

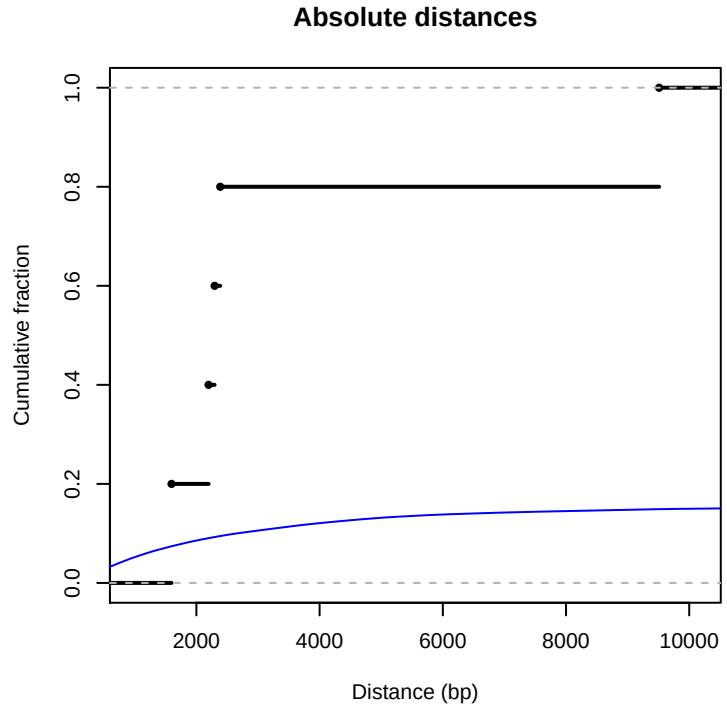
Query population : 3
Reference population : 50
Relative Ks p−value : 0.904064
Relative ecdf deviation area : 0.0525191
Relative ecdf area correlation : −0.0307972
Relative ecdf deviation area p−value : 0.92
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.09
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0549723
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

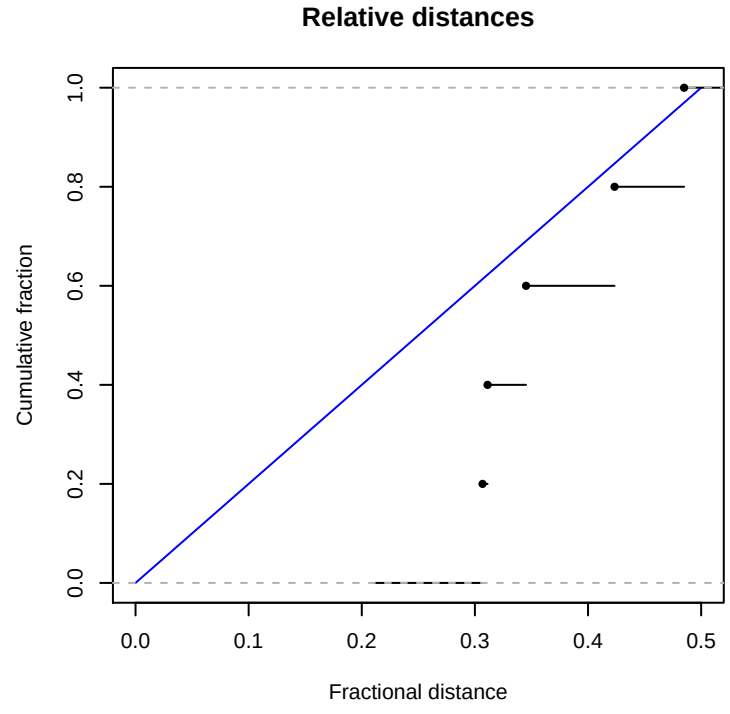




pcontig_069

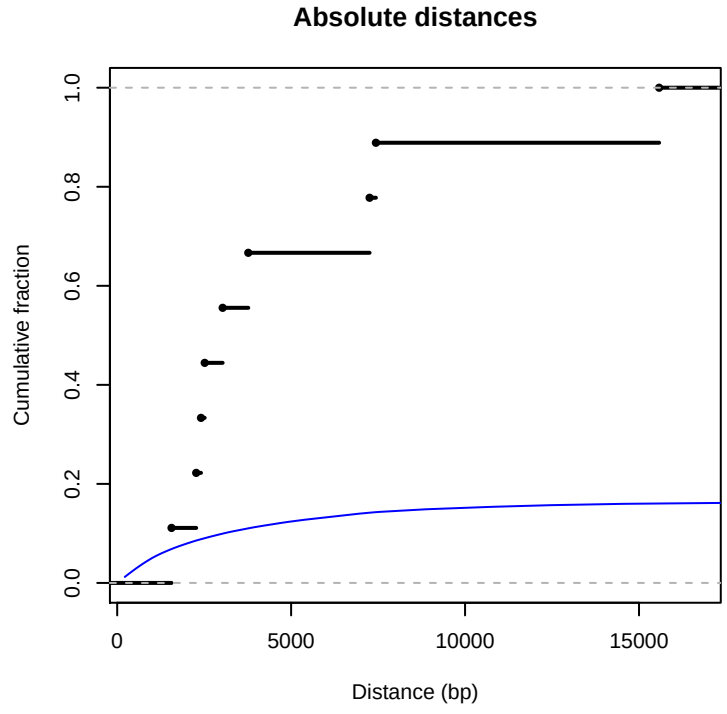
Query population : 5
Reference population : 86
Relative Ks p−value : 0.0246655
Relative ecdf deviation area : 0.12443
Relative ecdf area correlation : −0.497281
Relative ecdf deviation area p−value : 0.09
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.36
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.186407
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

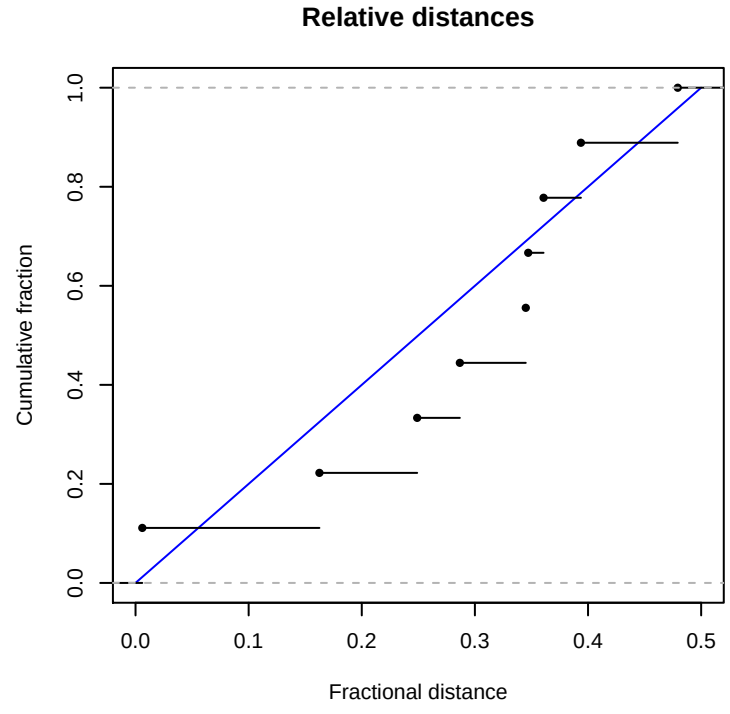




pcontig_070

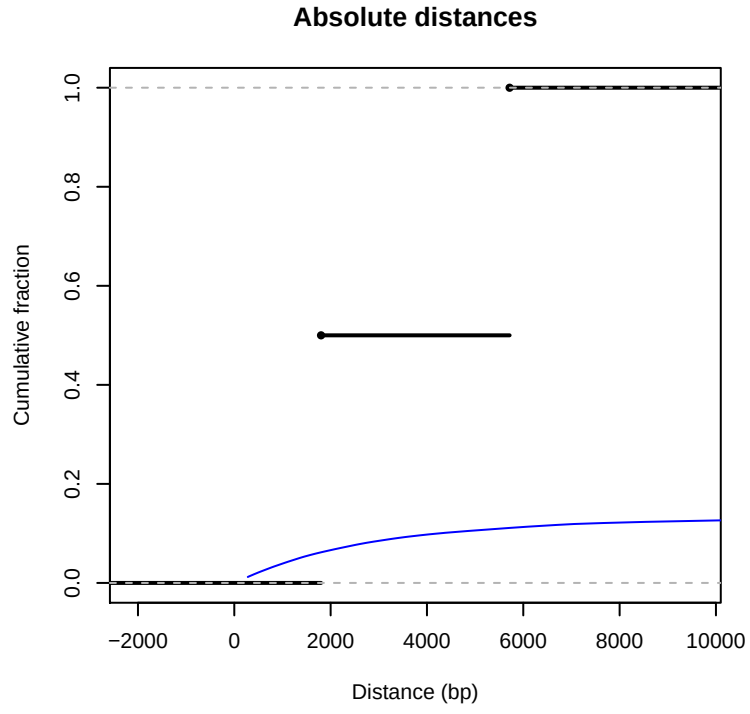
Query population : 9
Reference population : 85
Relative Ks p−value : 0.424688
Relative ecdf deviation area : 0.0549298
Relative ecdf area correlation : −0.168915
Relative ecdf deviation area p−value : 0.32
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.39
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.25363
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

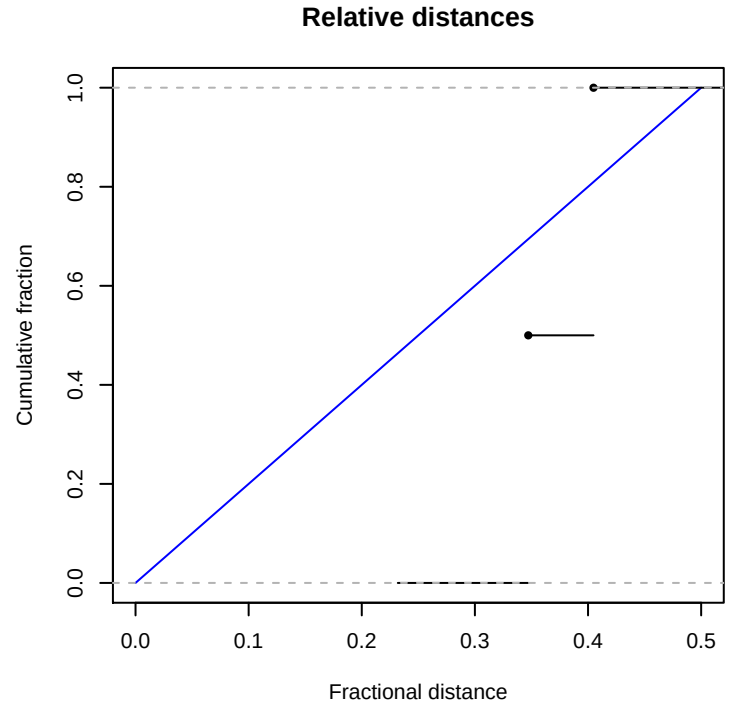




pcontig_072

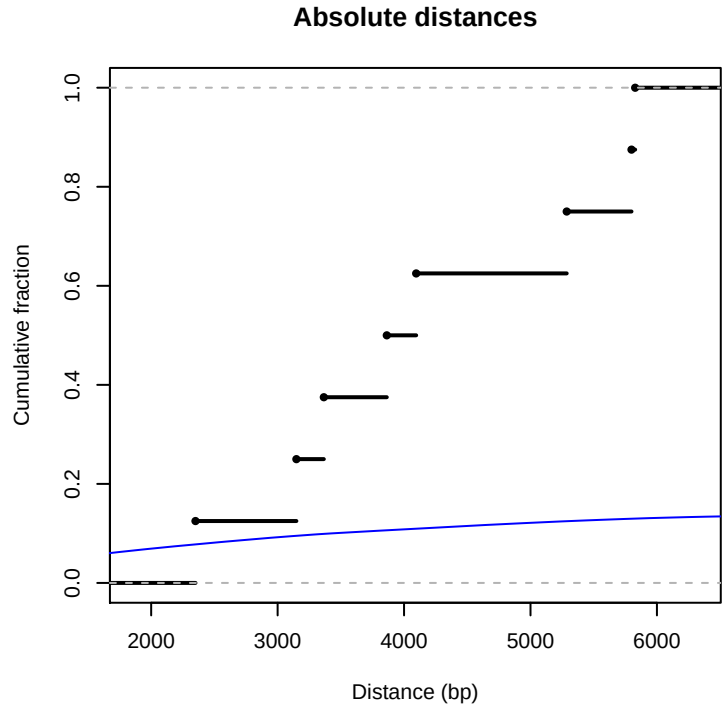
Query population : 2
Reference population : 66
Relative Ks p−value : 0.18684
Relative ecdf deviation area : 0.144381
Relative ecdf area correlation : −0.504043
Relative ecdf deviation area p−value : 0.28
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.09
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0567203
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

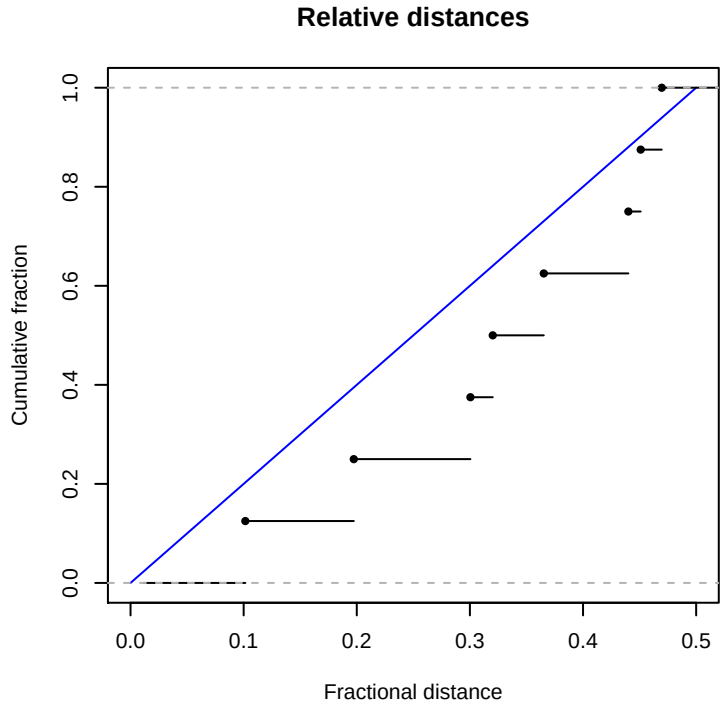




pcontig_073

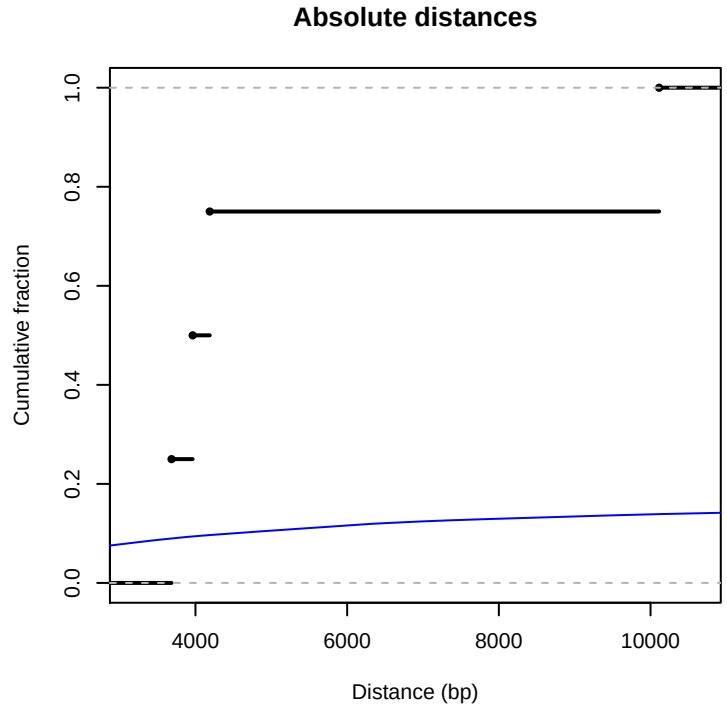
Query population : 8
Reference population : 65
Relative Ks p−value : 0.219105
Relative ecdf deviation area : 0.083525
Relative ecdf area correlation : −0.322708
Relative ecdf deviation area p−value : 0.12
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.22
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.222814
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

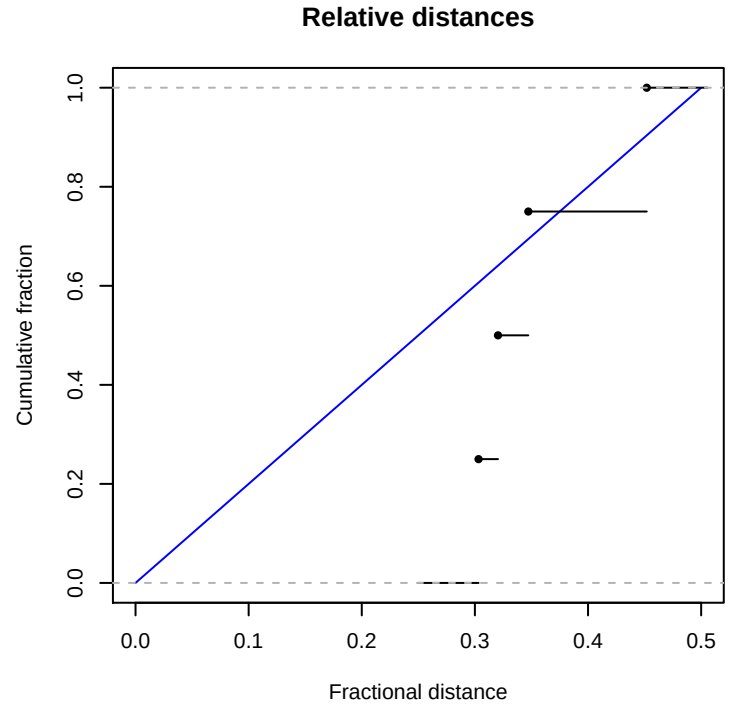




pcontig_074

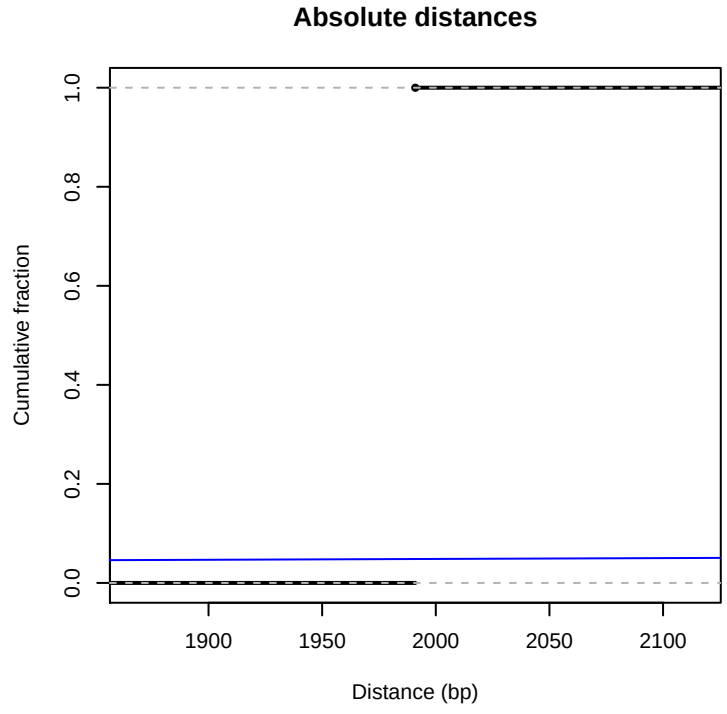
Query population : 4
Reference population : 50
Relative Ks p−value : 0.0623457
Relative ecdf deviation area : 0.112236
Relative ecdf area correlation : −0.4228
Relative ecdf deviation area p−value : 0.13
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.12
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0938148
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

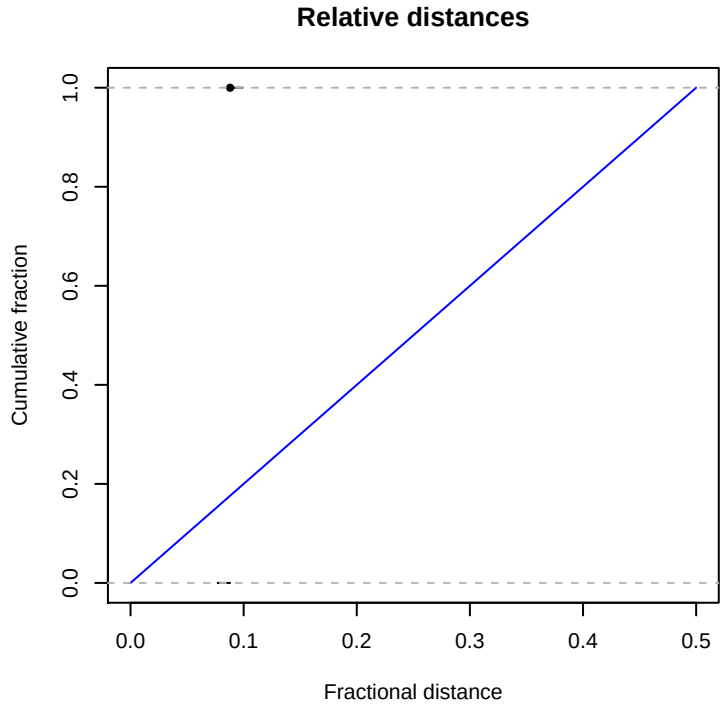




pcontig_075

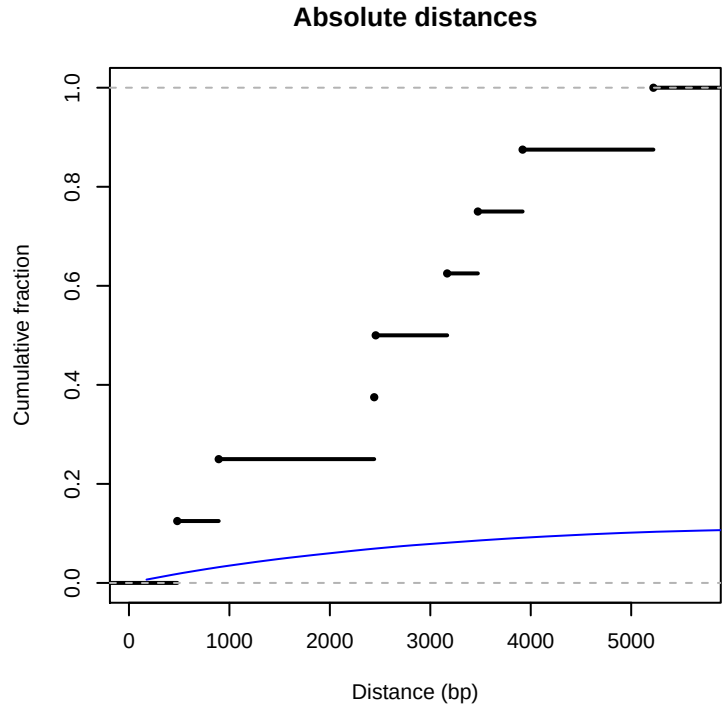
Query population : 1
Reference population : 51
Relative Ks p−value : 0.352047
Relative ecdf deviation area : 0.177574
Relative ecdf area correlation : 0.647953
Relative ecdf deviation area p−value : 0.29
Scaled Absolute min. distance p−value : 0.07
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0142773
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

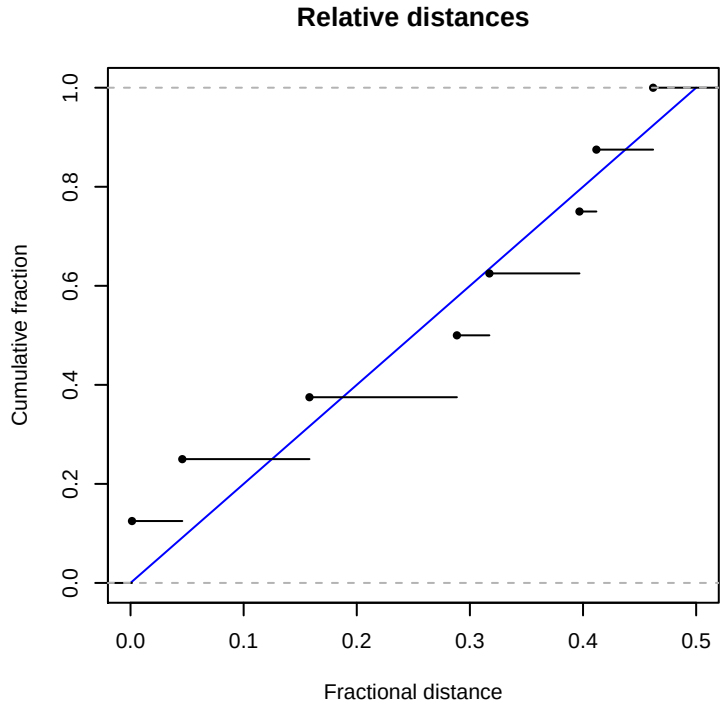




pcontig_077

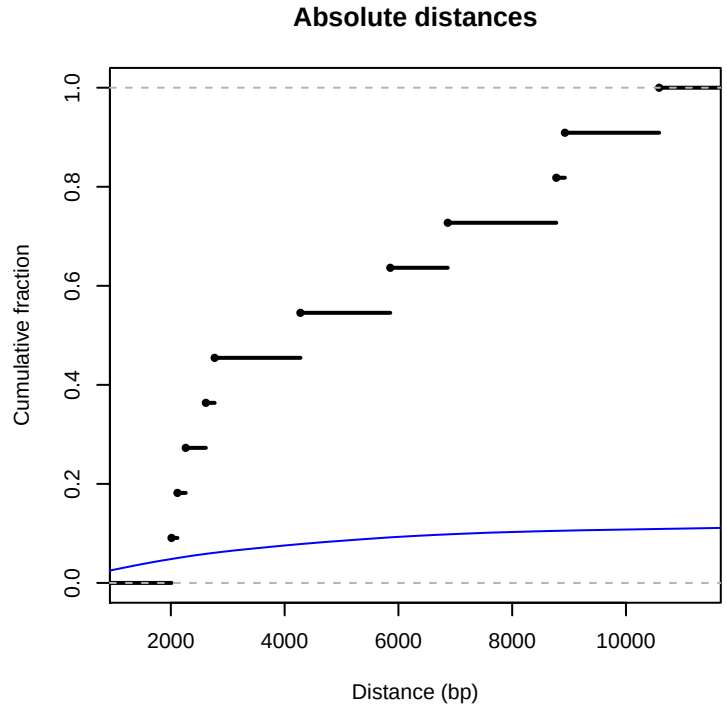
Query population : 8
Reference population : 59
Relative Ks p−value : 0.84001
Relative ecdf deviation area : 0.0354654
Relative ecdf area correlation : −0.0407974
Relative ecdf deviation area p−value : 0.88
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.42
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.22207
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

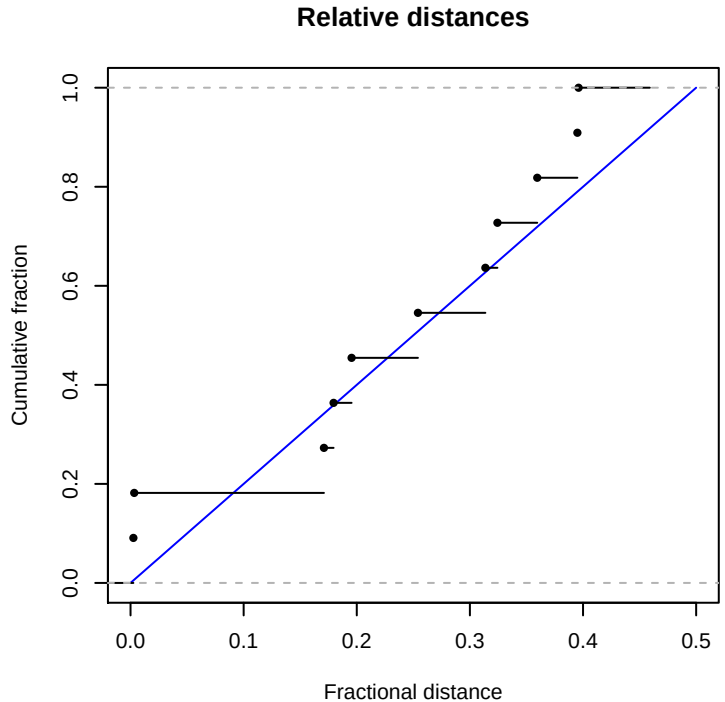




pcontig_078

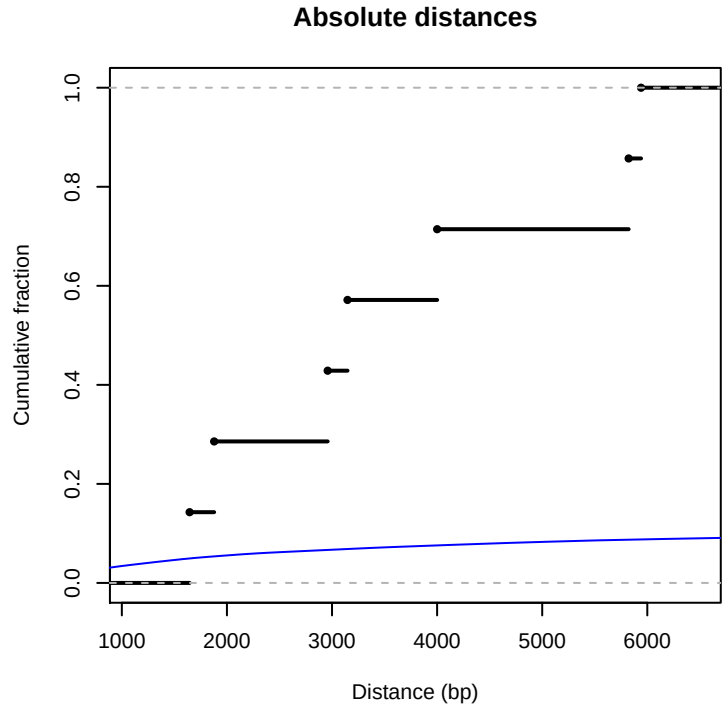
Query population : 11
Reference population : 42
Relative Ks p−value : 0.656648
Relative ecdf deviation area : 0.0338432
Relative ecdf area correlation : 0.0565716
Relative ecdf deviation area p−value : 0.66
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.3
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.199362
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

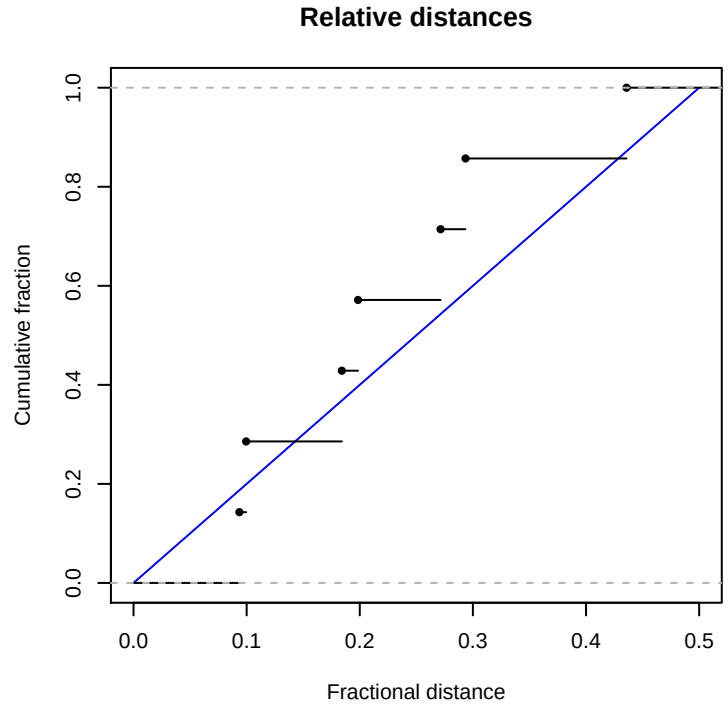




pcontig_080

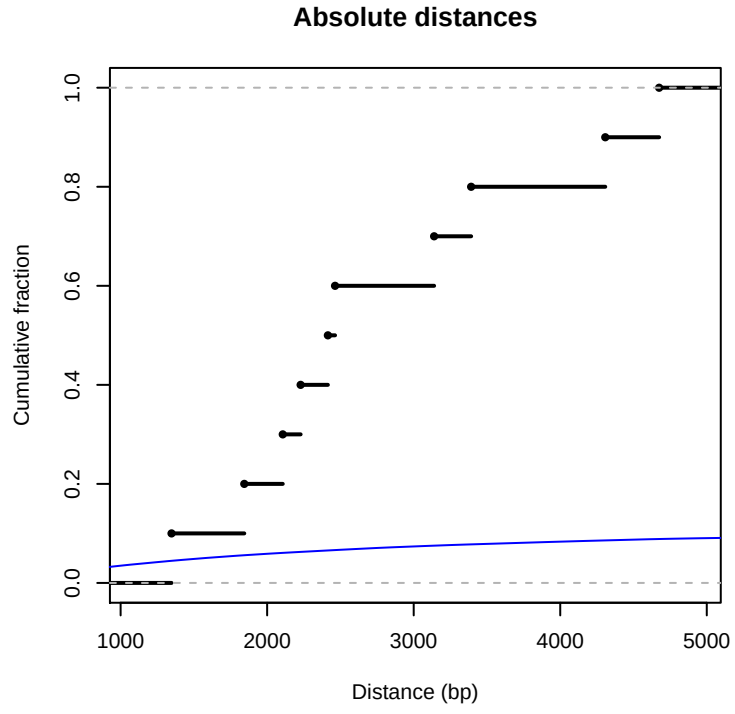
Query population : 7
Reference population : 58
Relative Ks p−value : 0.594307
Relative ecdf deviation area : 0.0462713
Relative ecdf area correlation : 0.0991818
Relative ecdf deviation area p−value : 0.68
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.22
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.169299
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

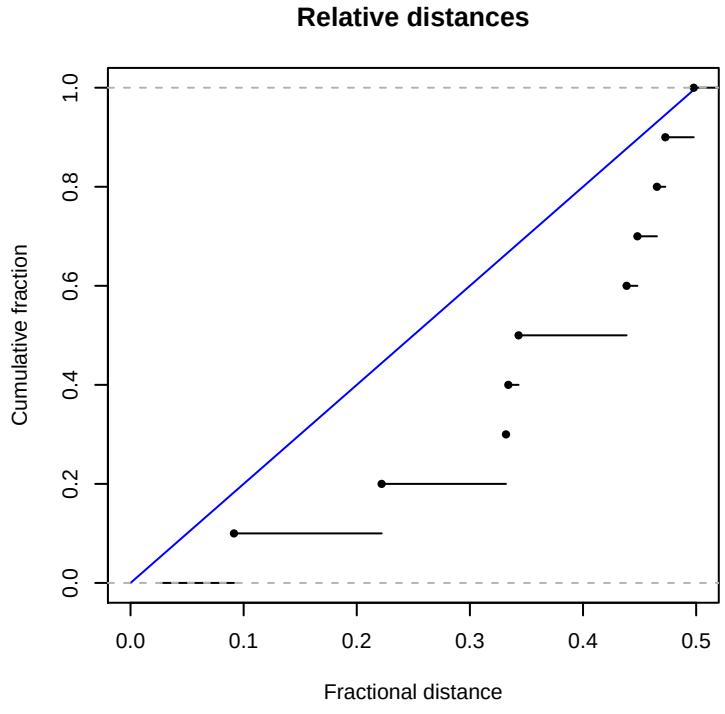




pcontig_081

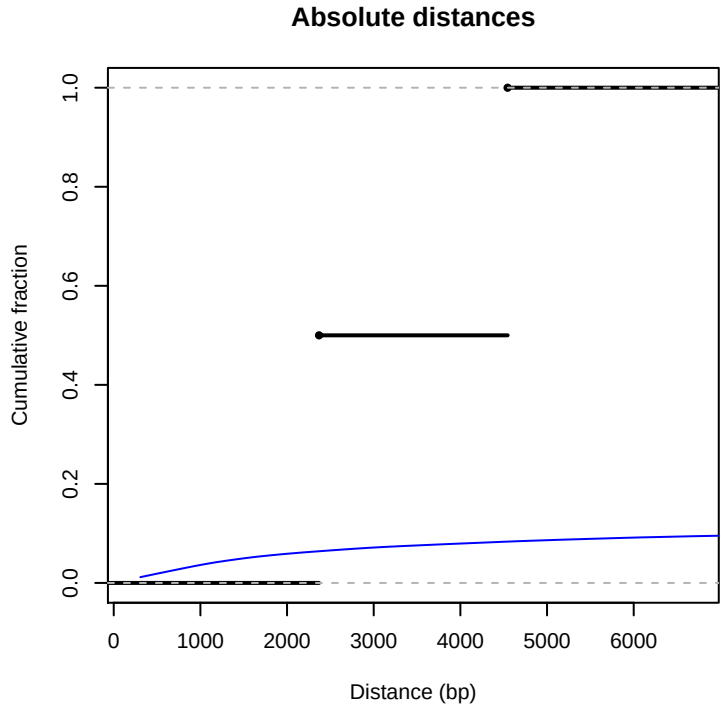
Query population : 10
Reference population : 55
Relative Ks p−value : 0.017237
Relative ecdf deviation area : 0.114153
Relative ecdf area correlation : −0.457923
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.31
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.230029
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

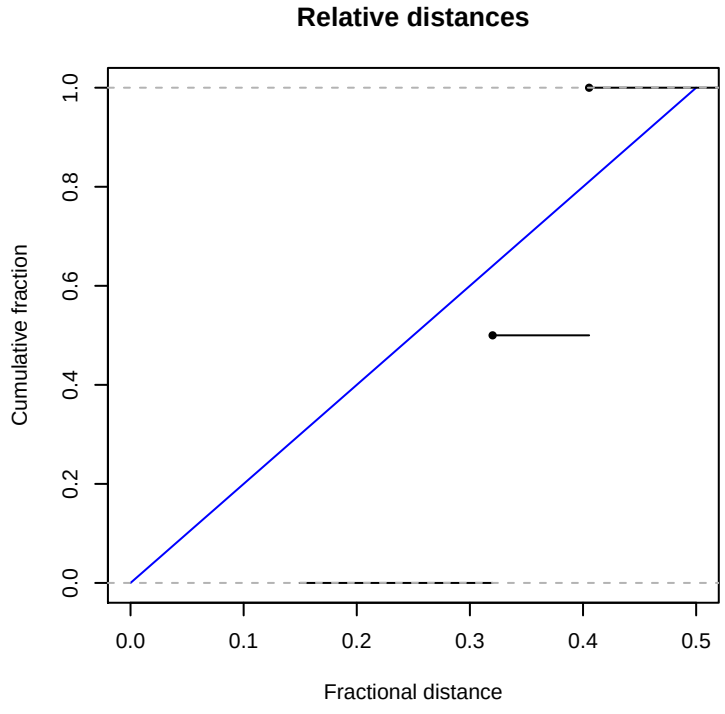




pcontig_082

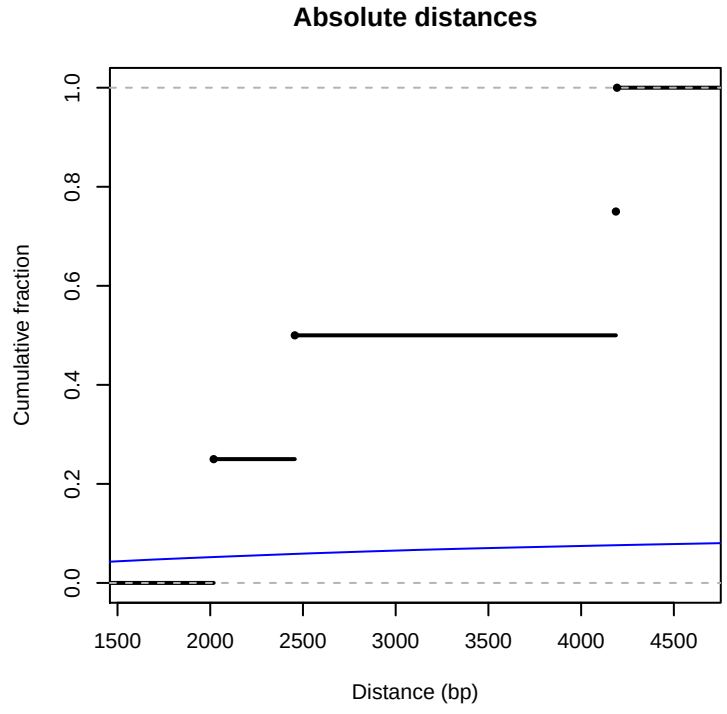
Query population : 2
Reference population : 58
Relative Ks p−value : 0.258965
Relative ecdf deviation area : 0.130575
Relative ecdf area correlation : −0.450942
Relative ecdf deviation area p−value : 0.33
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.09
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0495536
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

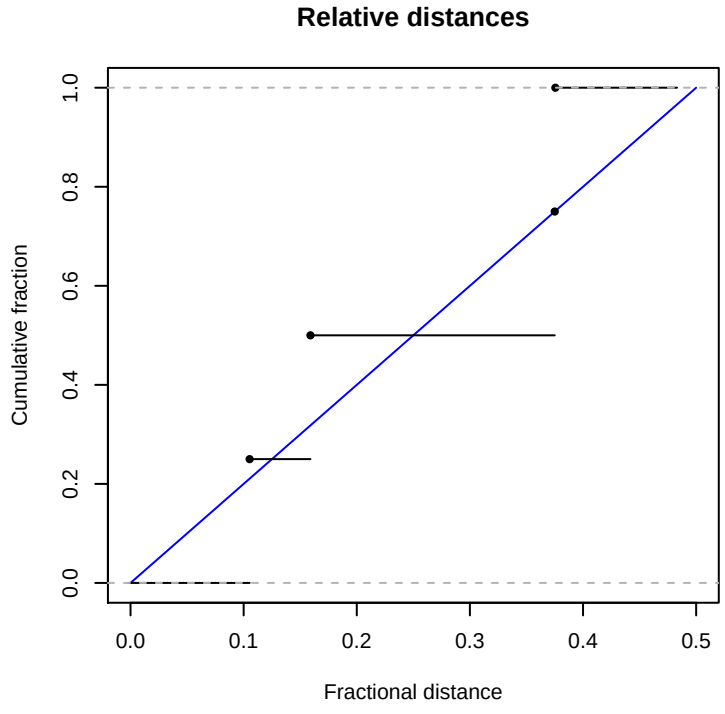




pcontig_083

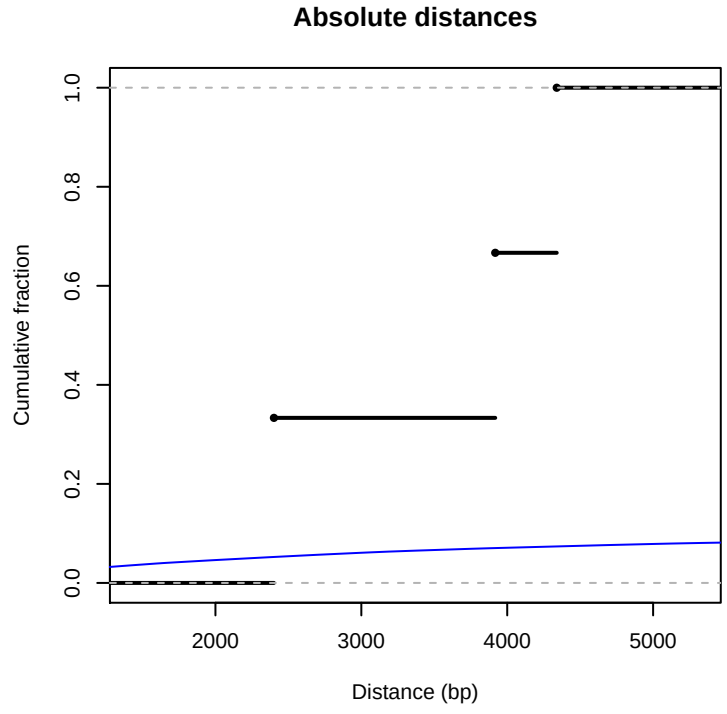
Query population : 4
Reference population : 50
Relative Ks p−value : 0.906225
Relative ecdf deviation area : 0.0520896
Relative ecdf area correlation : −0.0148656
Relative ecdf deviation area p−value : 0.83
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.15
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0916072
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

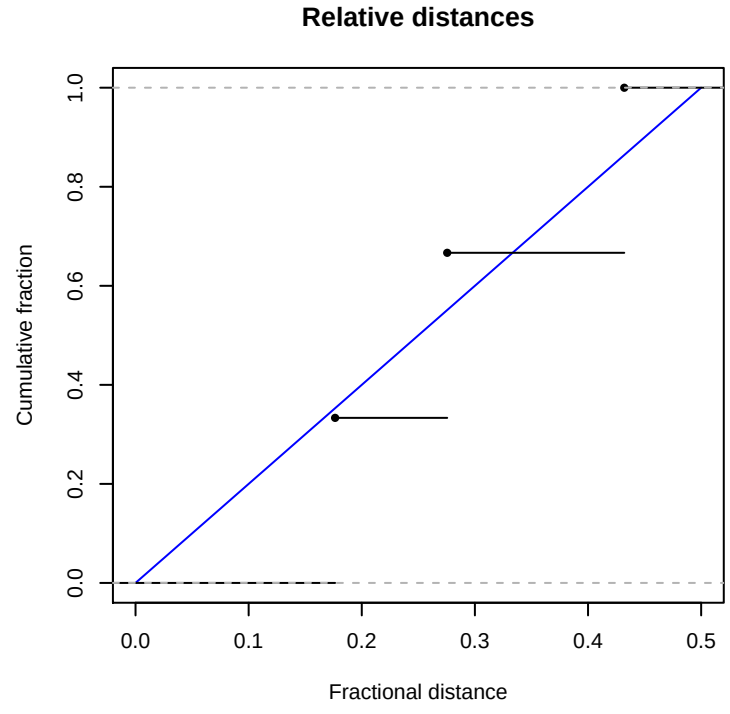




pcontig_084

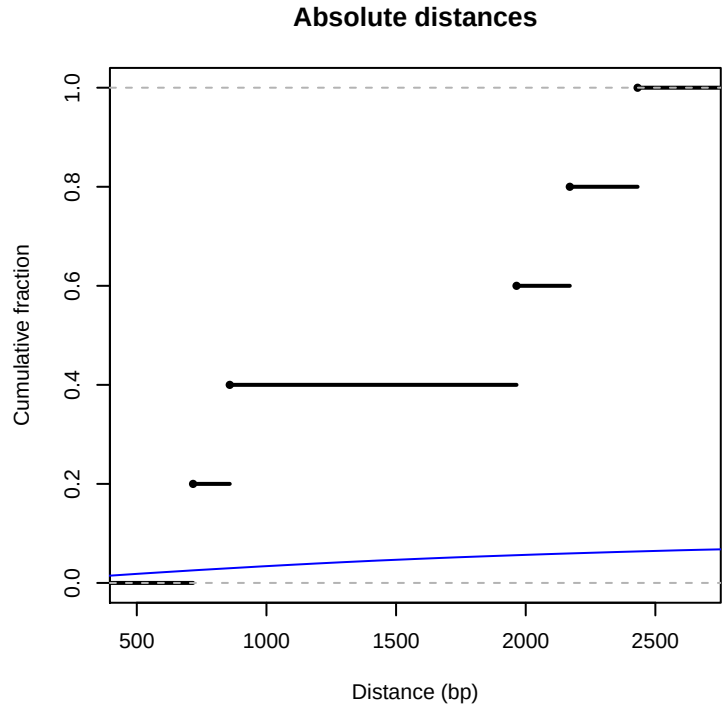
Query population : 3
Reference population : 41
Relative Ks p−value : 0.725154
Relative ecdf deviation area : 0.060596
Relative ecdf area correlation : −0.178633
Relative ecdf deviation area p−value : 0.86
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.04
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0561162
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

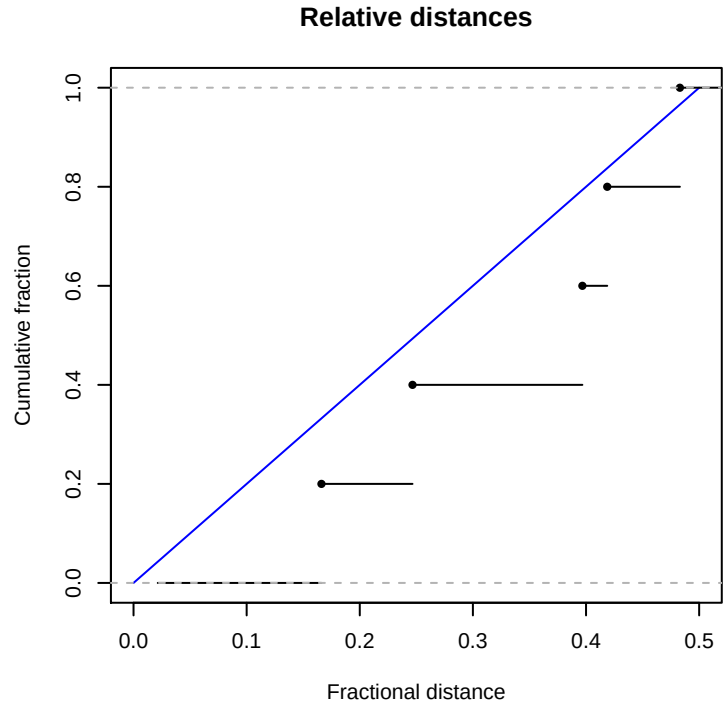




pcontig_086

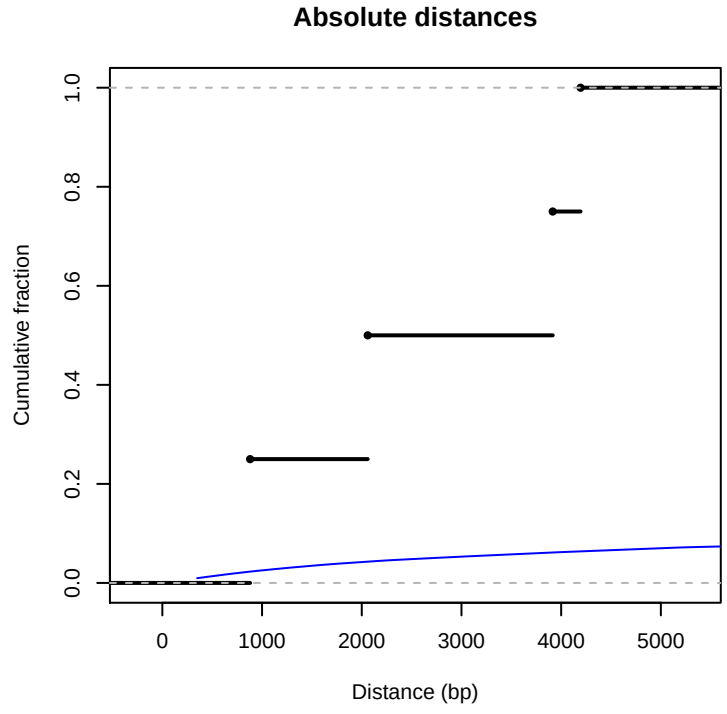
Query population : 5
Reference population : 57
Relative Ks p−value : 0.326248
Relative ecdf deviation area : 0.0922417
Relative ecdf area correlation : −0.369014
Relative ecdf deviation area p−value : 0.22
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.21
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.104587
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

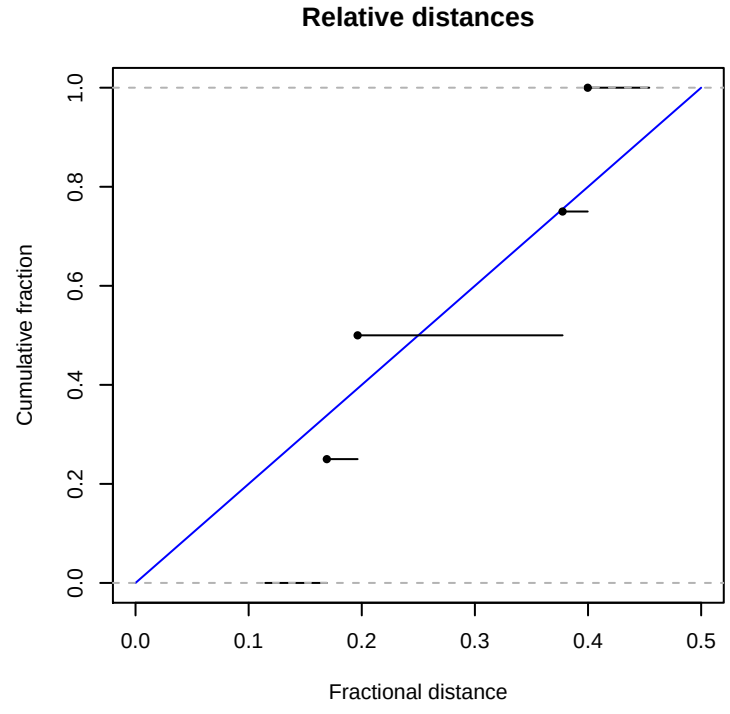




pcontig_087

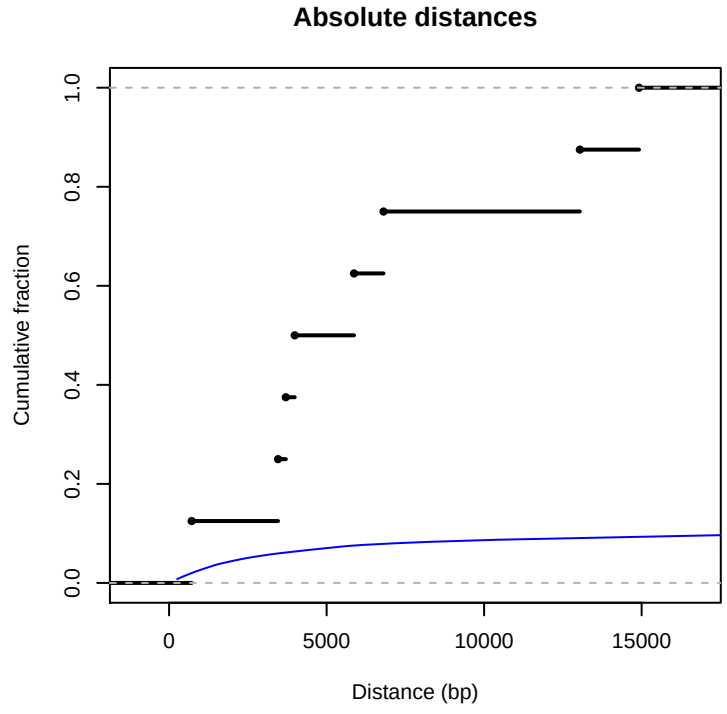
Query population : 4
Reference population : 42
Relative Ks p−value : 0.645495
Relative ecdf deviation area : 0.0615513
Relative ecdf area correlation : −0.142623
Relative ecdf deviation area p−value : 0.64
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.12
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0789708
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

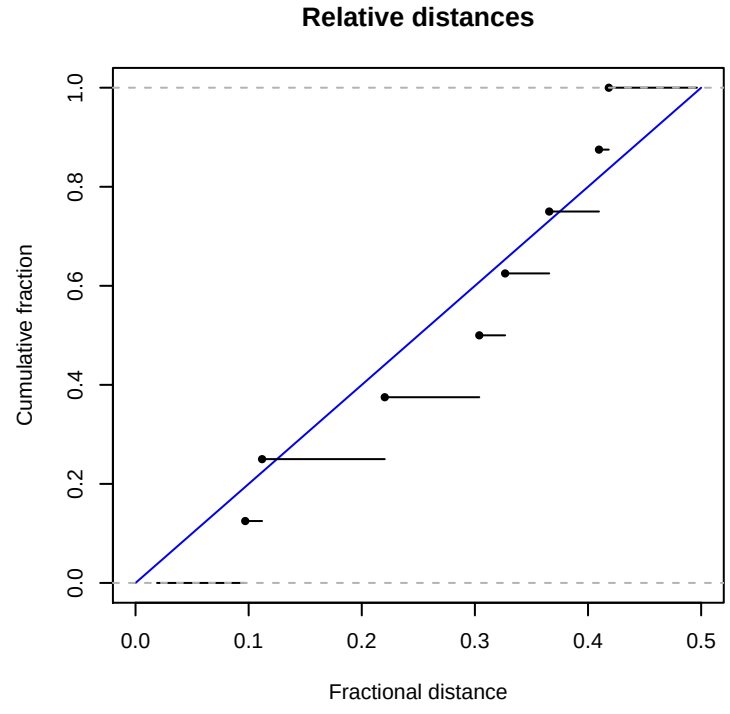




pcontig_088

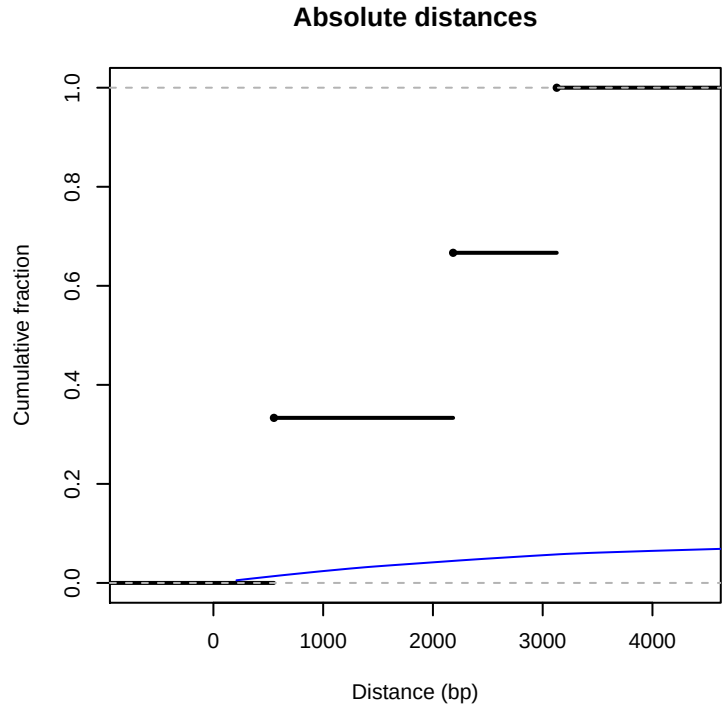
Query population : 8
Reference population : 46
Relative Ks p−value : 0.697293
Relative ecdf deviation area : 0.0467353
Relative ecdf area correlation : −0.126724
Relative ecdf deviation area p−value : 0.67
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.29
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.147645
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

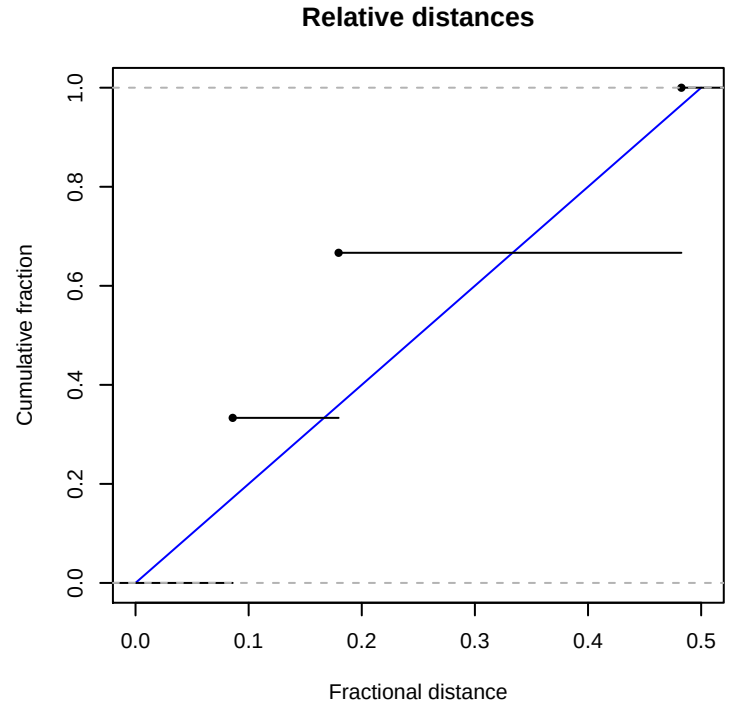




pcontig_089

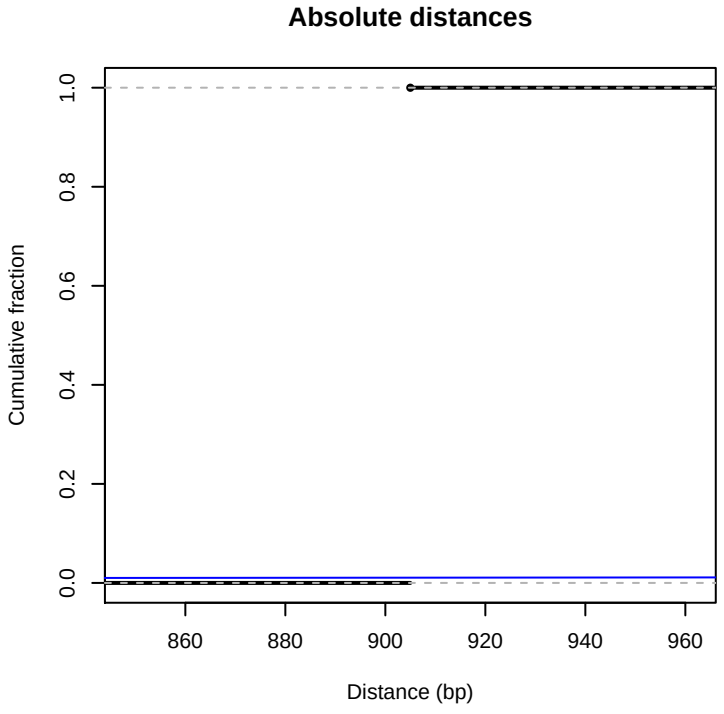
Query population : 3
Reference population : 39
Relative Ks p−value : 0.865499
Relative ecdf deviation area : 0.0603392
Relative ecdf area correlation : 0.00274317
Relative ecdf deviation area p−value : 0.92
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.1
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0586958
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

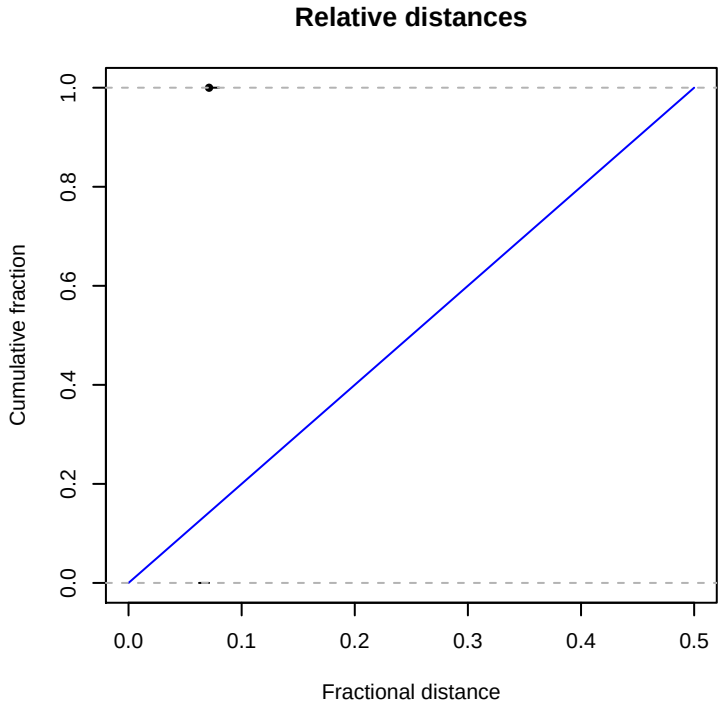




pcontig_090

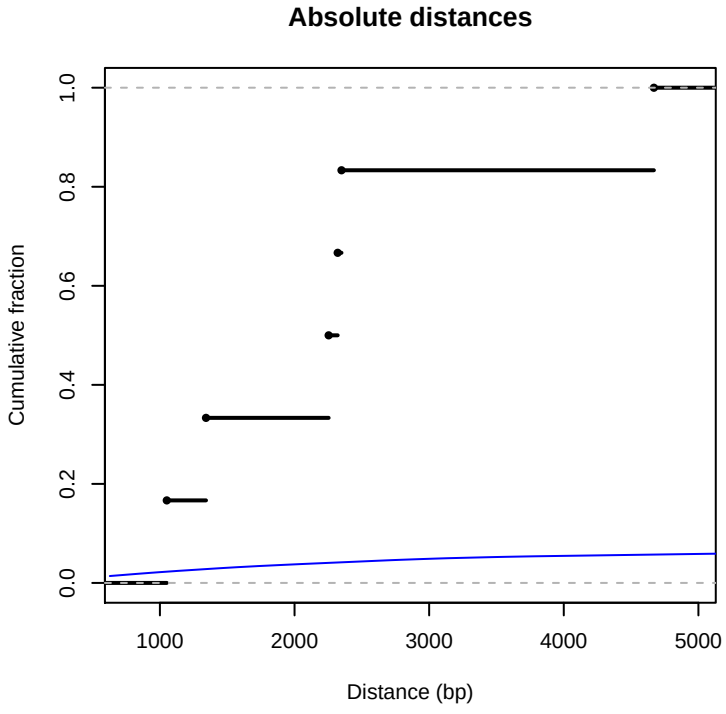
Query population : 1
Reference population : 20
Relative Ks p−value : 0.284804
Relative ecdf deviation area : 0.189188
Relative ecdf area correlation : 0.715196
Relative ecdf deviation area p−value : 0.29
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00932154
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

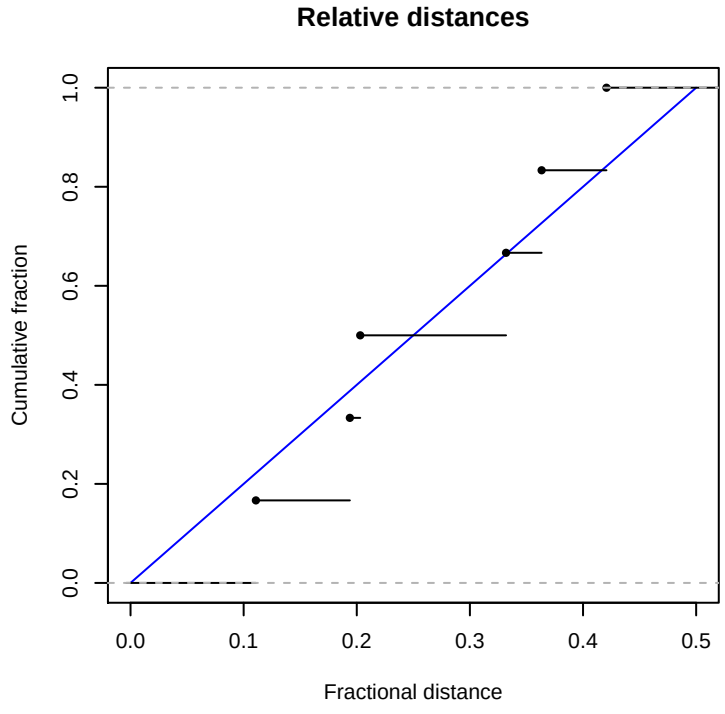




pcontig_091

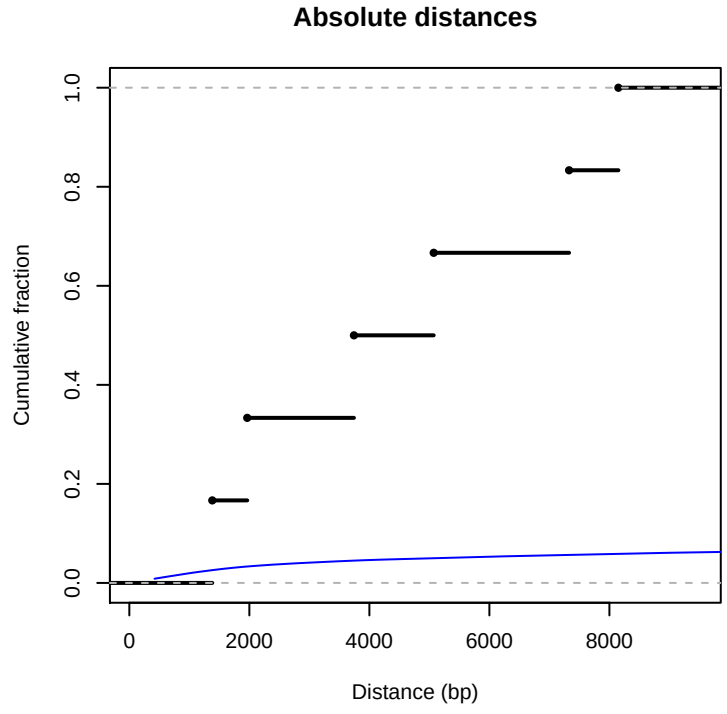
Query population : 6
Reference population : 34
Relative Ks p−value : 0.873276
Relative ecdf deviation area : 0.0428832
Relative ecdf area correlation : −0.082566
Relative ecdf deviation area p−value : 0.83
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.14
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.105997
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

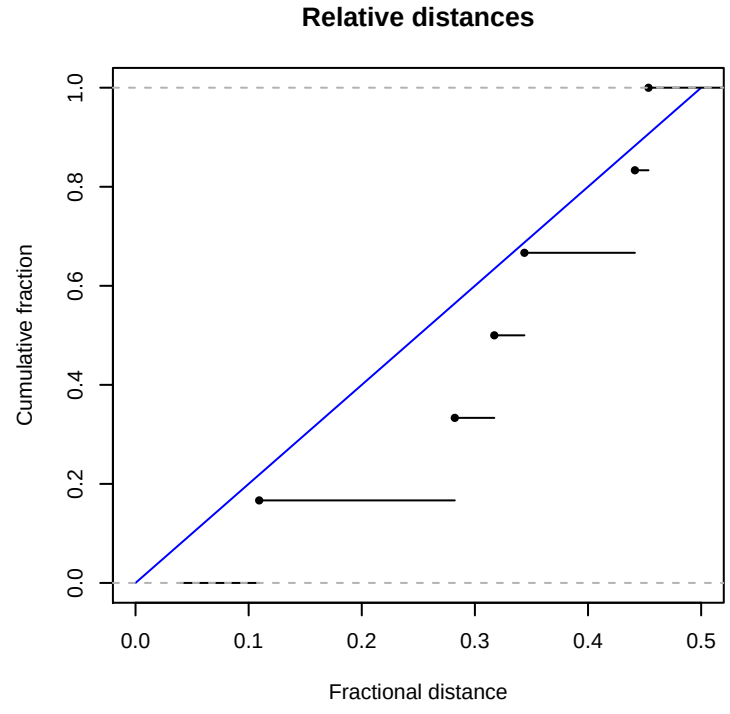




pcontig_092

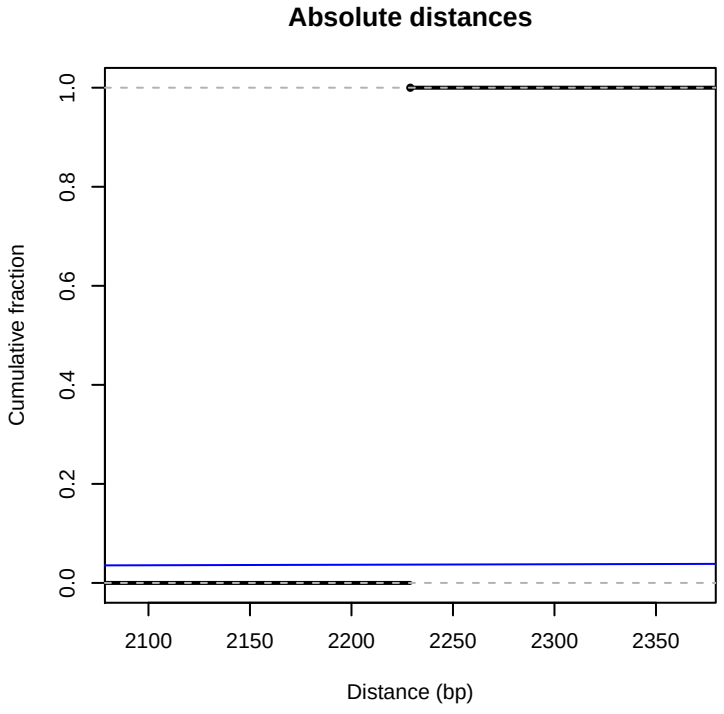
Query population : 6
Reference population : 31
Relative Ks p−value : 0.229465
Relative ecdf deviation area : 0.0789088
Relative ecdf area correlation : −0.298226
Relative ecdf deviation area p−value : 0.18
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.12
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.110298
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

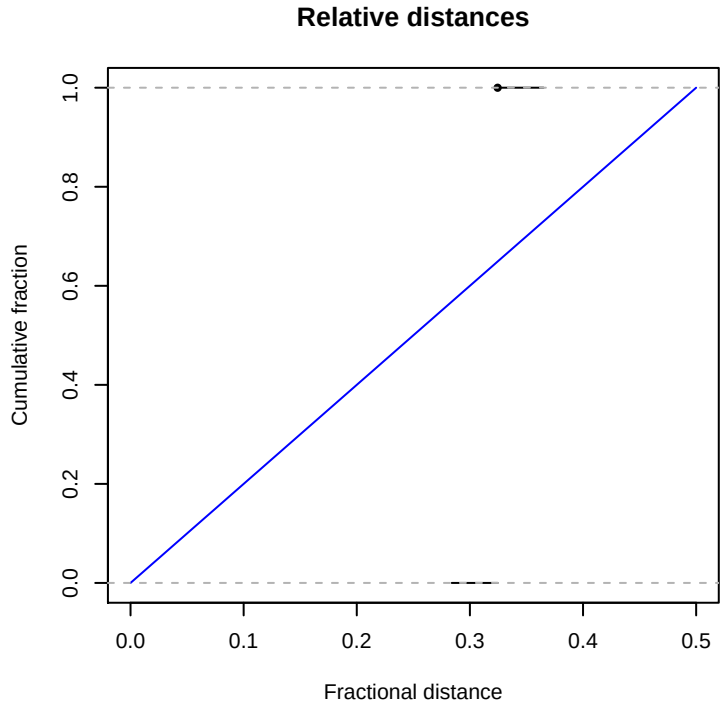




pcontig_095

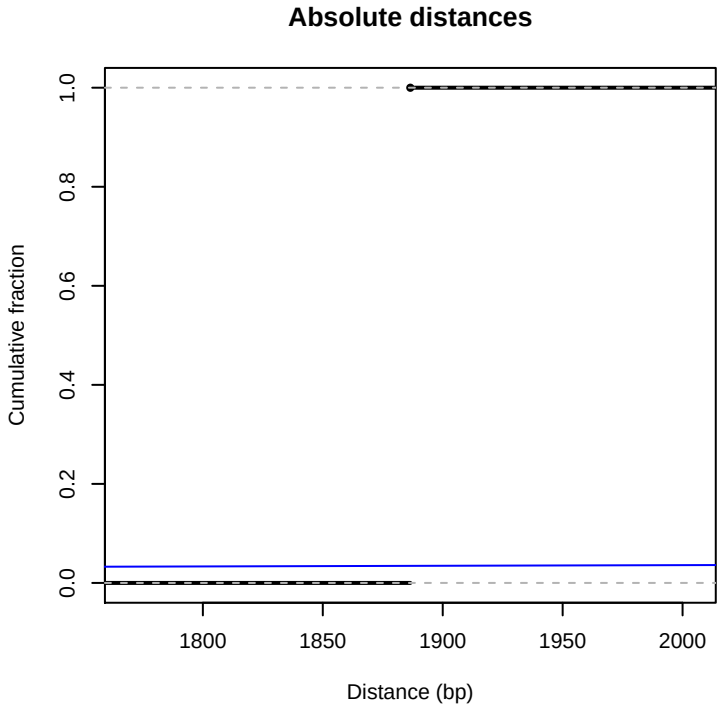
Query population : 1
Reference population : 34
Relative Ks p−value : 0.701994
Relative ecdf deviation area : 0.136029
Relative ecdf area correlation : −0.298006
Relative ecdf deviation area p−value : 0.6
Scaled Absolute min. distance p−value : 0.09
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0160502
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

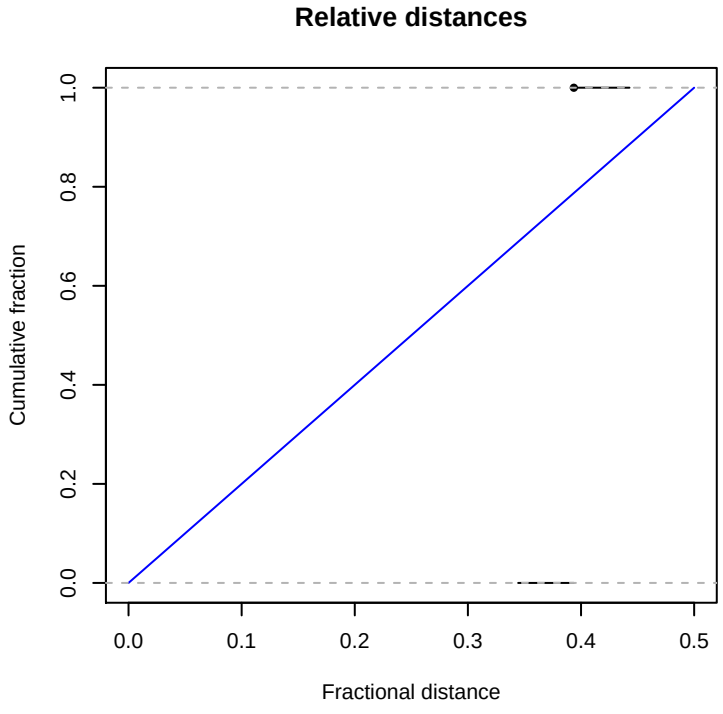




pcontig_097

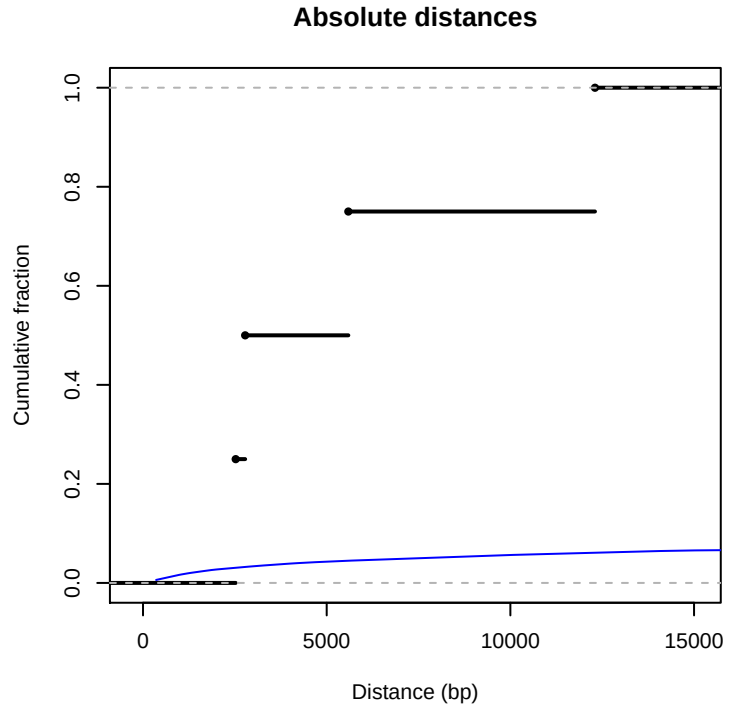
Query population : 1
Reference population : 33
Relative Ks p−value : 0.425456
Relative ecdf deviation area : 0.166529
Relative ecdf area correlation : −0.574544
Relative ecdf deviation area p−value : 0.43
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0173192
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

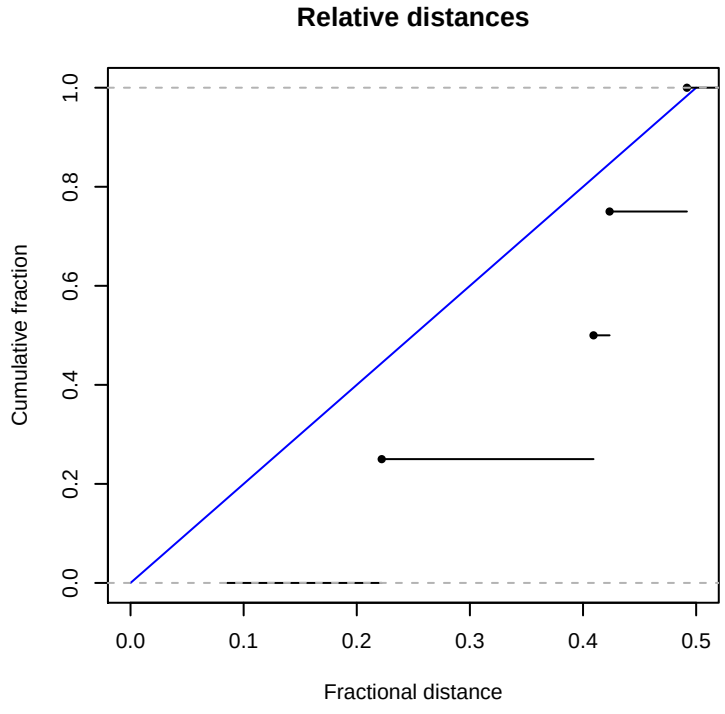




pcontig_100

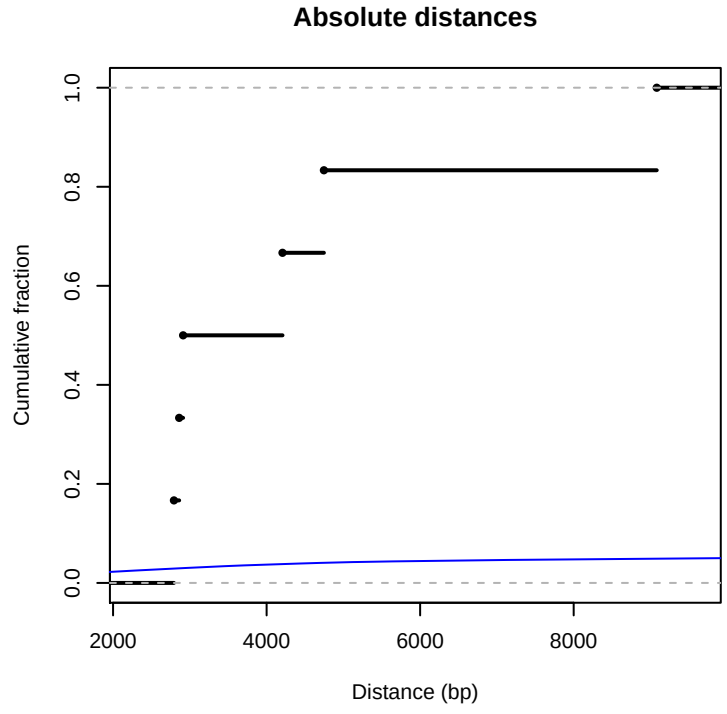
Query population : 4
Reference population : 26
Relative Ks p−value : 0.0964905
Relative ecdf deviation area : 0.136421
Relative ecdf area correlation : −0.546607
Relative ecdf deviation area p−value : 0.07
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.09
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0470457
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

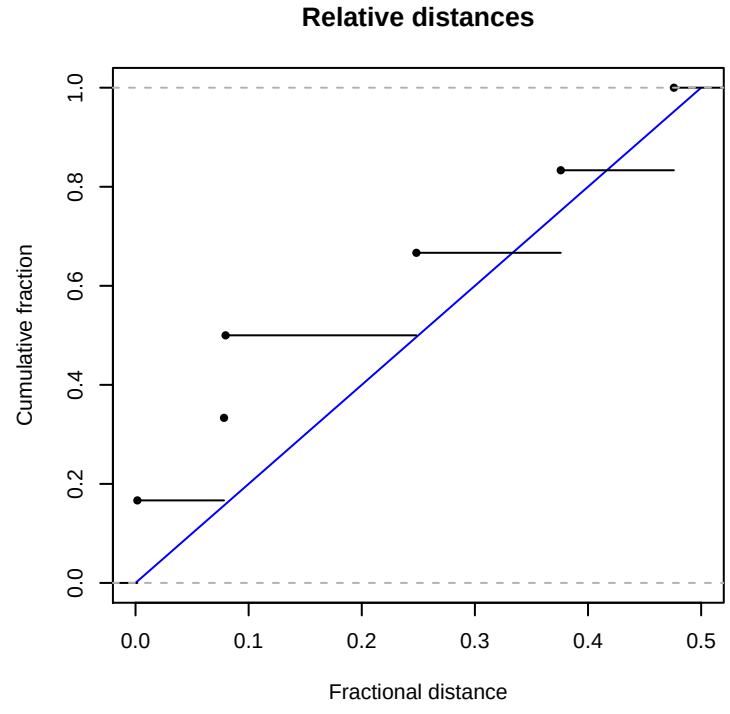




pcontig_103

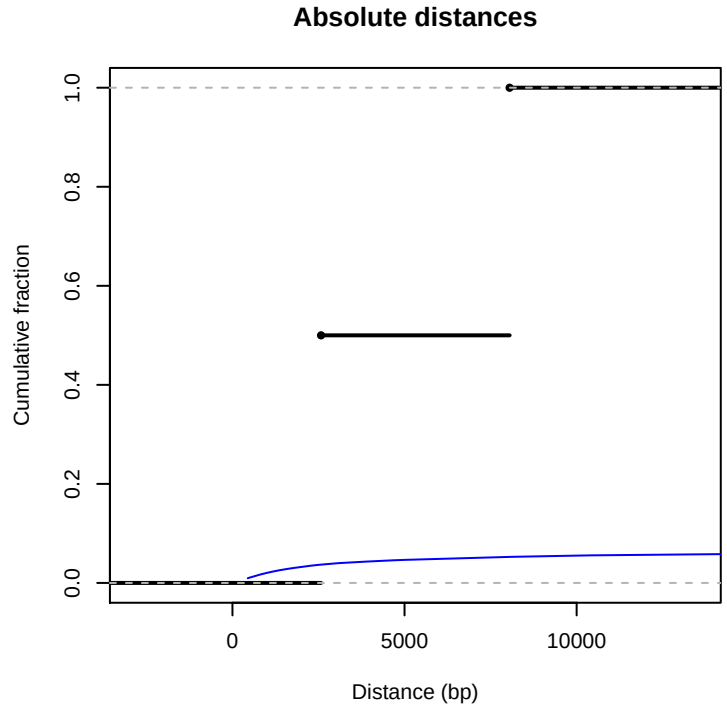
Query population : 6
Reference population : 20
Relative Ks p−value : 0.397654
Relative ecdf deviation area : 0.0507642
Relative ecdf area correlation : 0.160333
Relative ecdf deviation area p−value : 0.62
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.09
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0404944
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

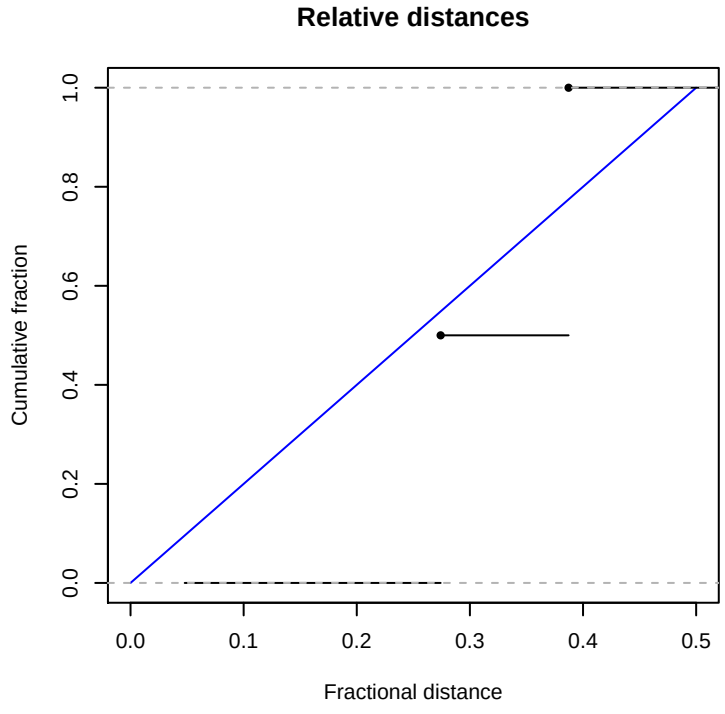




pcontig_104

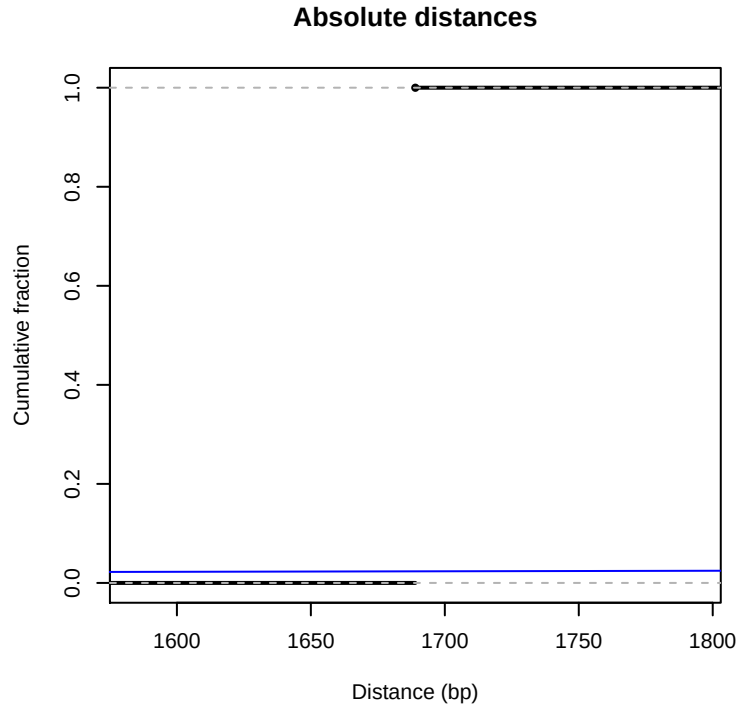
Query population : 2
Reference population : 33
Relative Ks p−value : 0.408154
Relative ecdf deviation area : 0.105743
Relative ecdf area correlation : −0.322735
Relative ecdf deviation area p−value : 0.51
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.04
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0349154
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

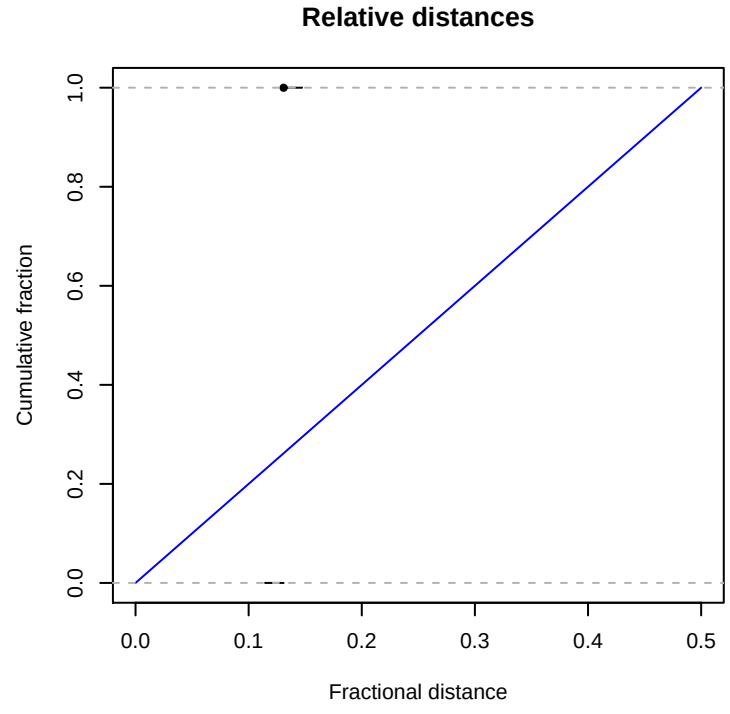




pcontig_106

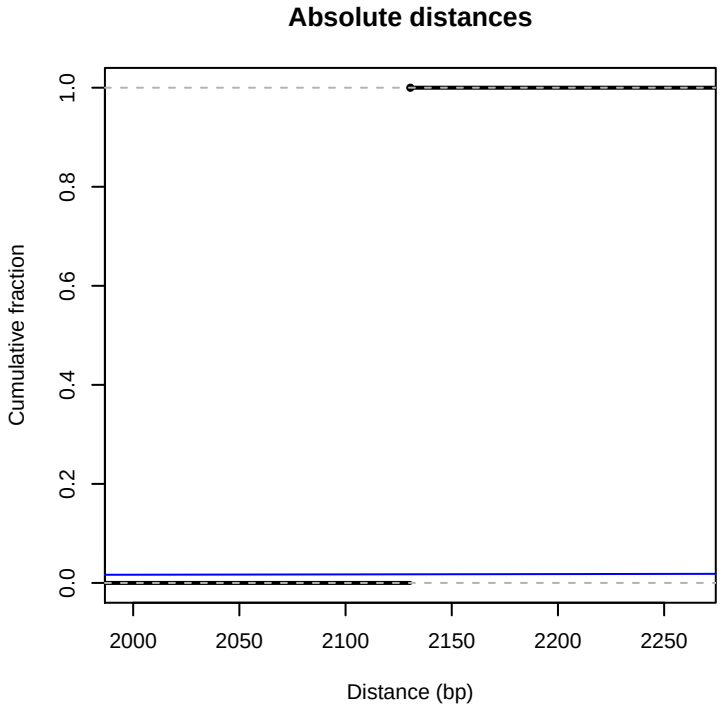
Query population : 1
Reference population : 24
Relative Ks p−value : 0.523559
Relative ecdf deviation area : 0.15323
Relative ecdf area correlation : 0.476441
Relative ecdf deviation area p−value : 0.65
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.012944
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

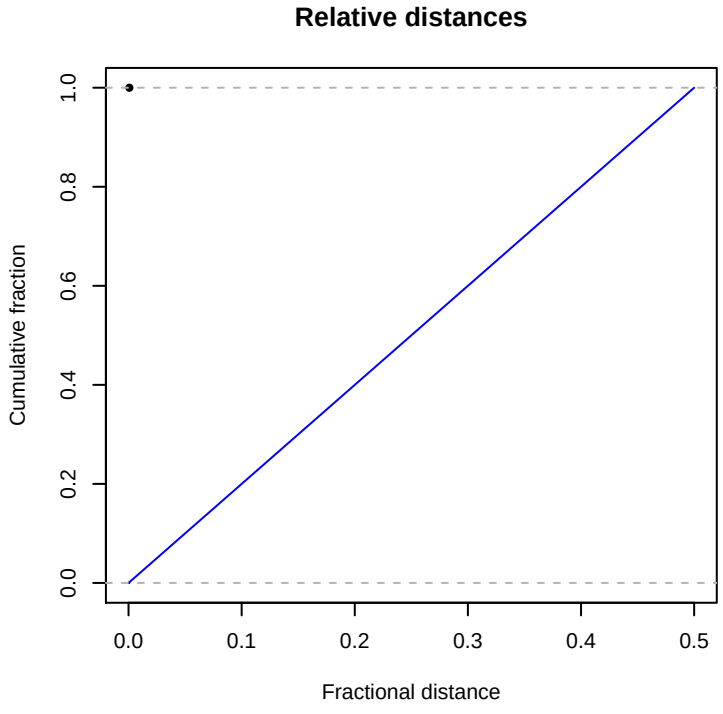




pcontig_112

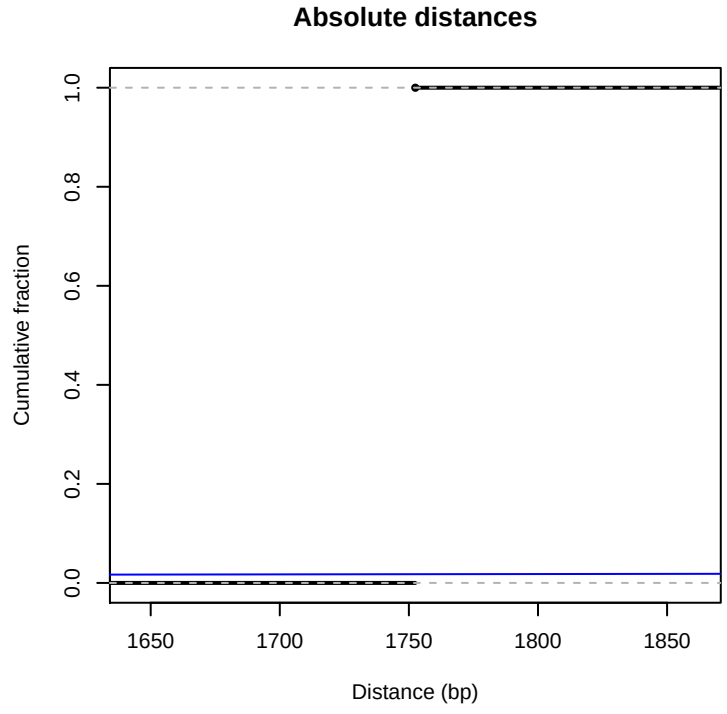
Query population : 1
Reference population : 17
Relative Ks p−value : 0.00287564
Relative ecdf deviation area : 0.25
Relative ecdf area correlation : 0.997124
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00541495
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

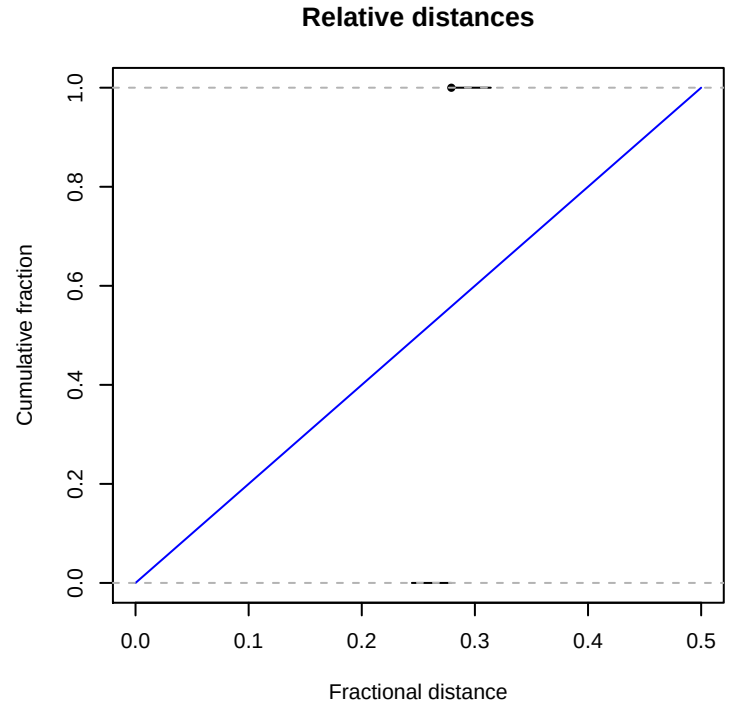




pcontig_115

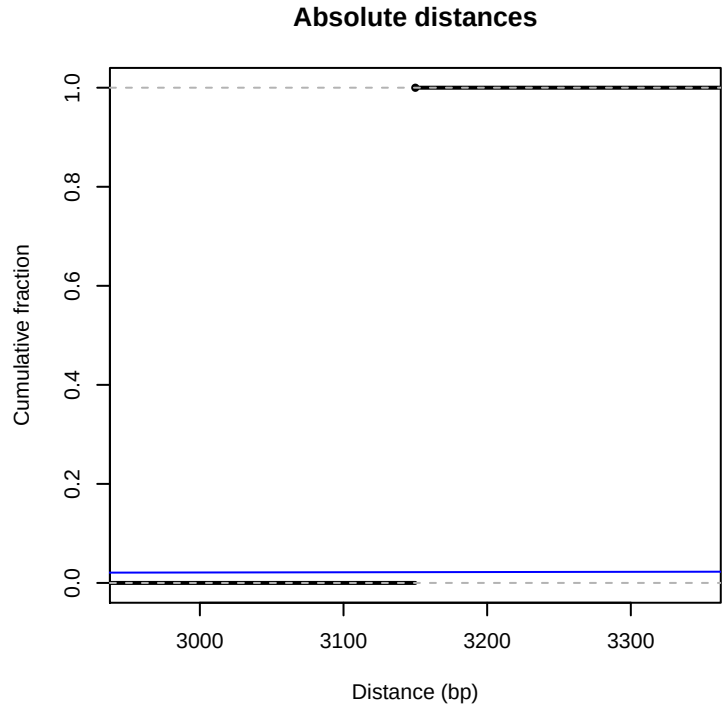
Query population : 1
Reference population : 22
Relative Ks p−value : 0.883313
Relative ecdf deviation area : 0.126943
Relative ecdf area correlation : −0.116687
Relative ecdf deviation area p−value : 0.88
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00554296
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

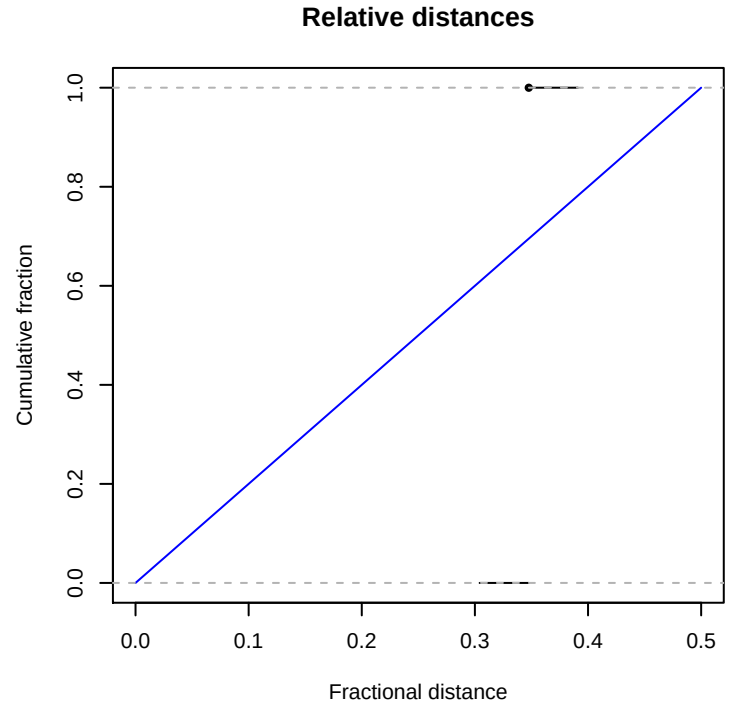




pcontig_120

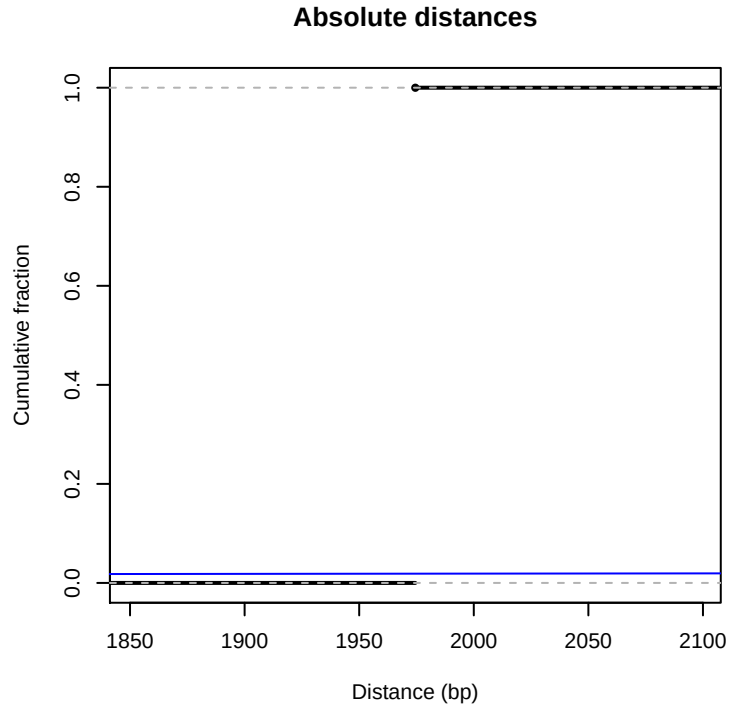
Query population : 1
Reference population : 16
Relative Ks p−value : 0.609578
Relative ecdf deviation area : 0.144178
Relative ecdf area correlation : −0.390422
Relative ecdf deviation area p−value : 0.64
Scaled Absolute min. distance p−value : 0.03
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00500022
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

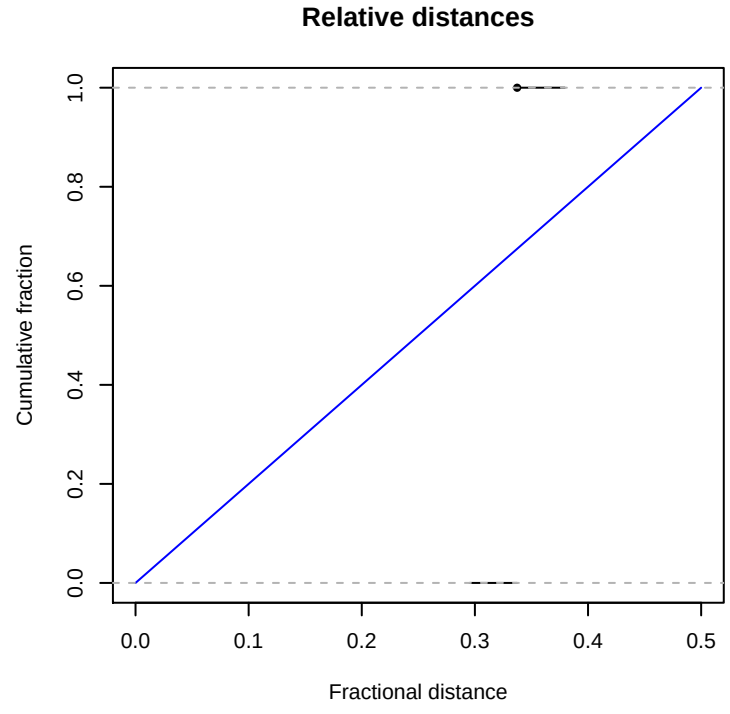




pcontig_129

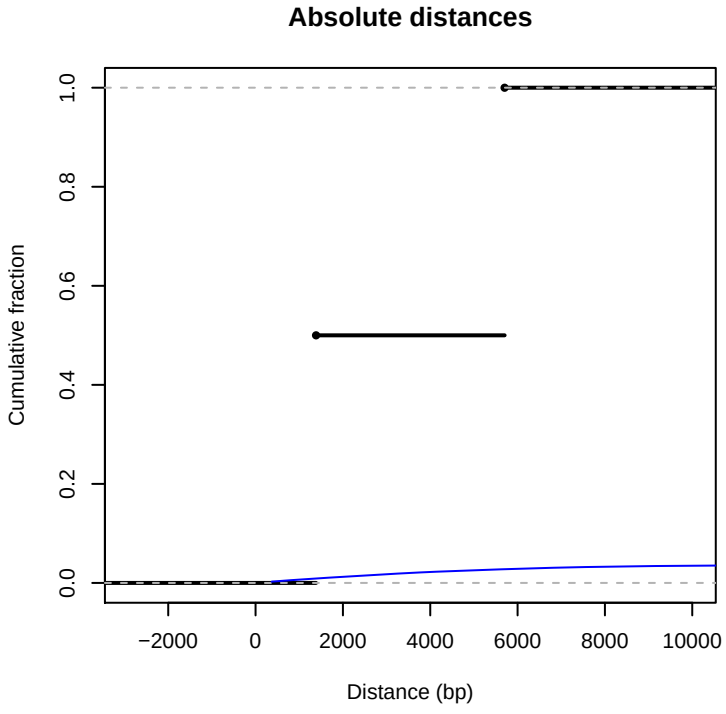
Query population : 1
Reference population : 20
Relative Ks p−value : 0.650722
Relative ecdf deviation area : 0.14044
Relative ecdf area correlation : −0.349278
Relative ecdf deviation area p−value : 0.63
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00980157
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

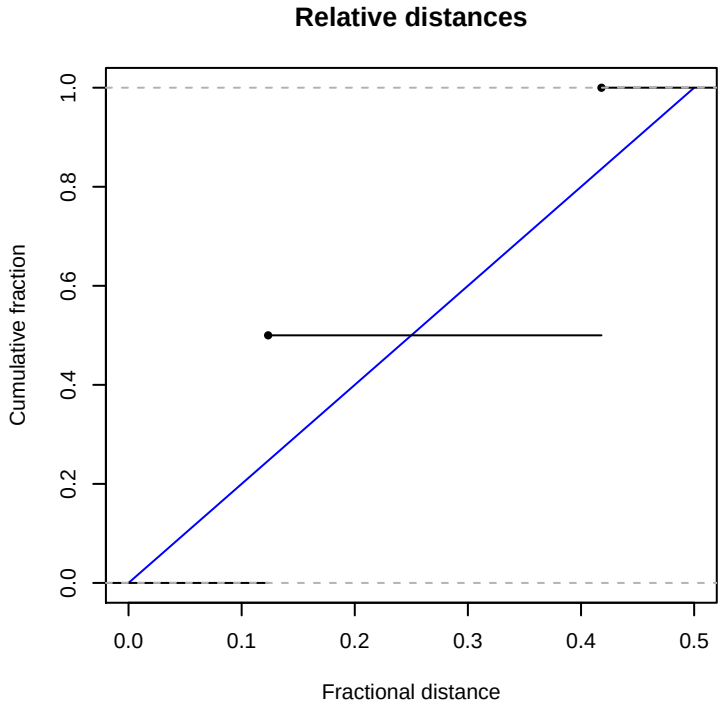




pcontig_130

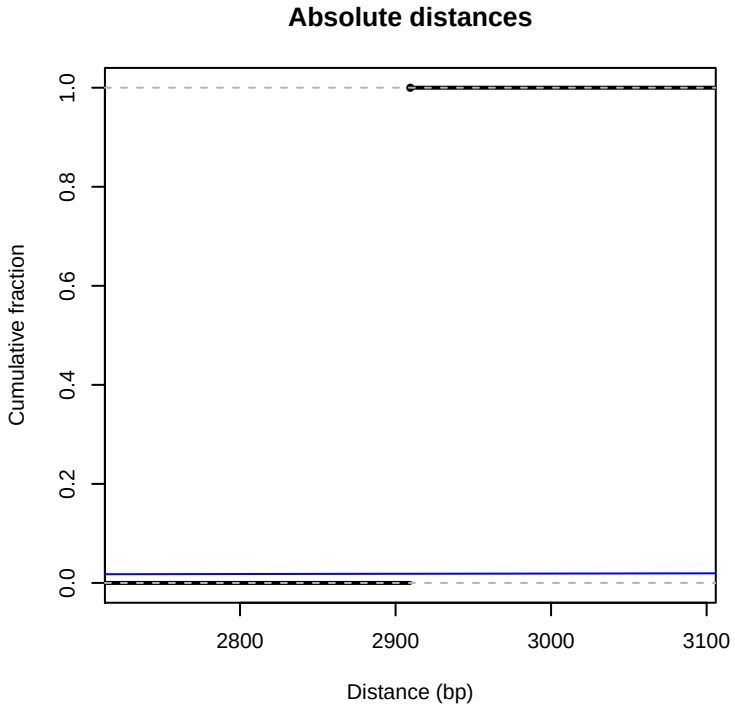
Query population : 2
Reference population : 11
Relative Ks p−value : 0.94066
Relative ecdf deviation area : 0.066138
Relative ecdf area correlation : −0.0829738
Relative ecdf deviation area p−value : 0.93
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0108805
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

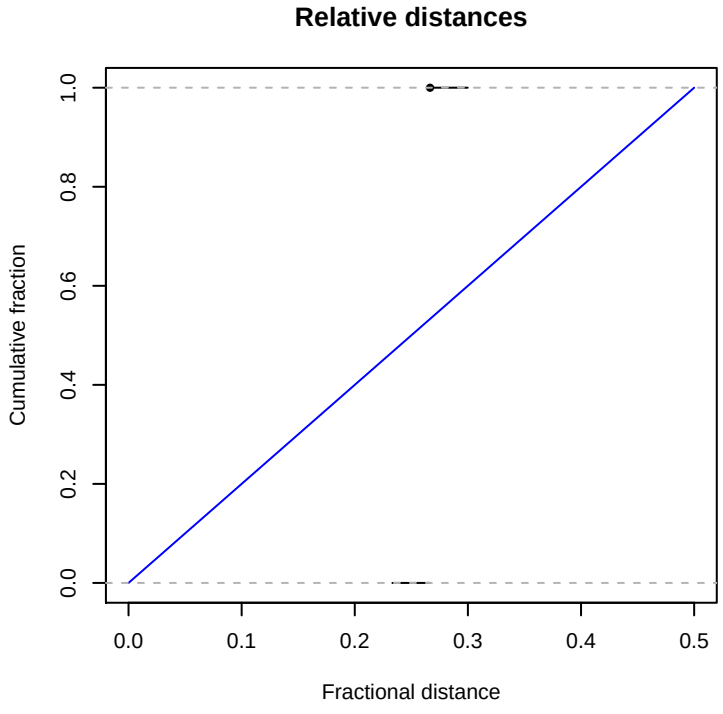




pcontig_138

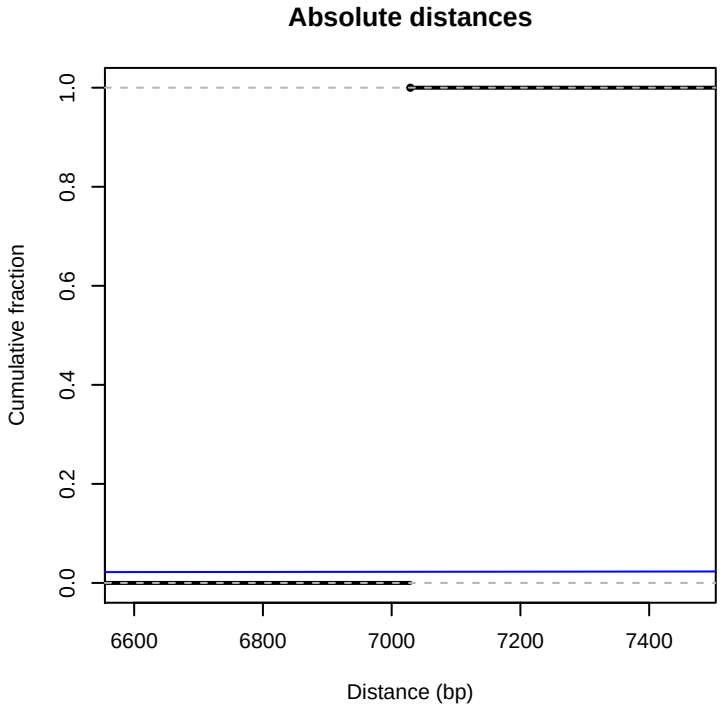
Query population : 1
Reference population : 13
Relative Ks p−value : 0.933859
Relative ecdf deviation area : 0.125551
Relative ecdf area correlation : −0.0661414
Relative ecdf deviation area p−value : 0.91
Scaled Absolute min. distance p−value : 0.04
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00487417
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

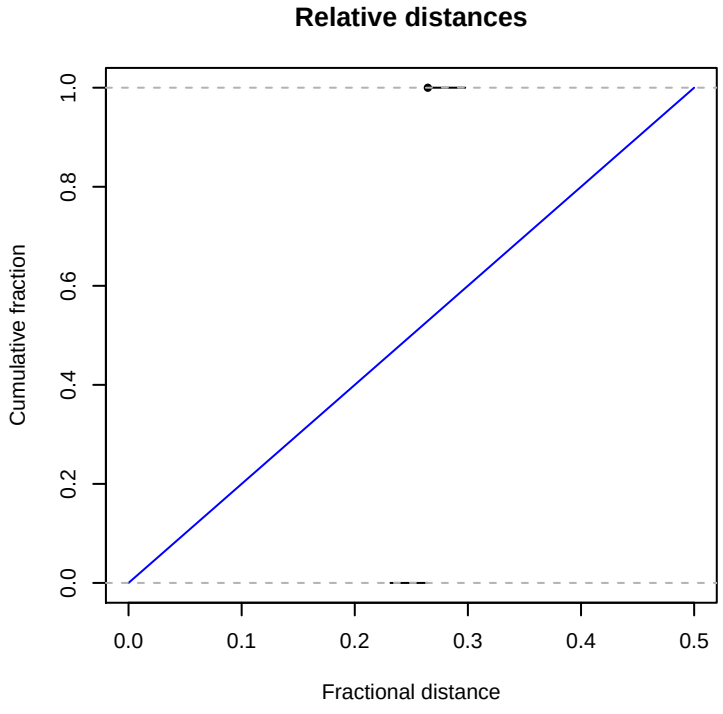




pcontig_147

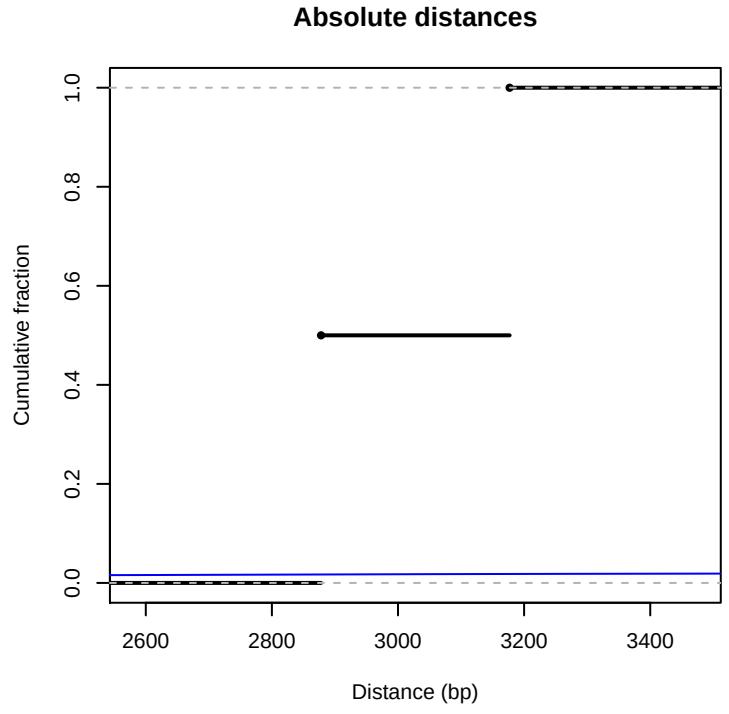
Query population : 1
Reference population : 11
Relative Ks p−value : 0.941715
Relative ecdf deviation area : 0.125551
Relative ecdf area correlation : −0.0582855
Relative ecdf deviation area p−value : 0.96
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00620881
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

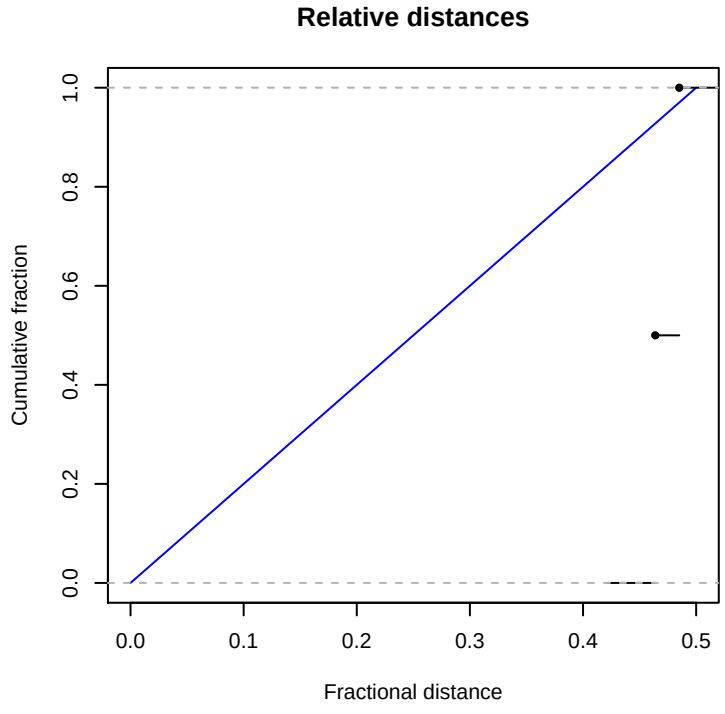




pcontig_148

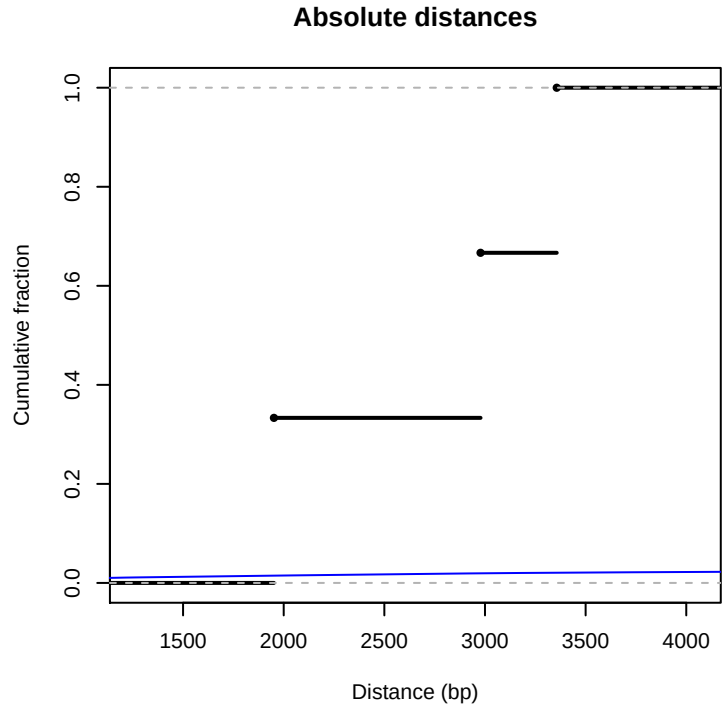
Query population : 2
Reference population : 12
Relative Ks p−value : 0.0104506
Relative ecdf deviation area : 0.225303
Relative ecdf area correlation : −0.897864
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.05
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0183038
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

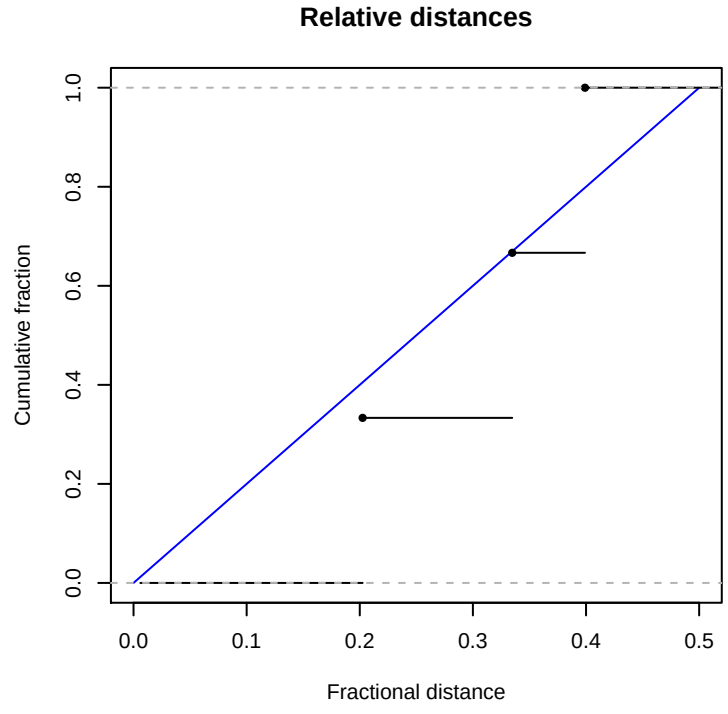




pcontig_149

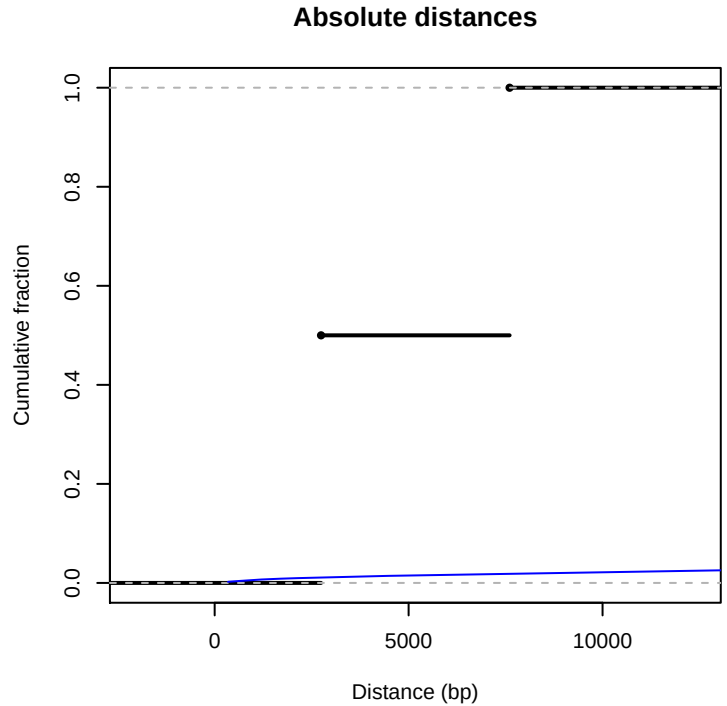
Query population : 3
Reference population : 15
Relative Ks p−value : 0.580689
Relative ecdf deviation area : 0.0821054
Relative ecdf area correlation : −0.248463
Relative ecdf deviation area p−value : 0.45
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.04
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0177968
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

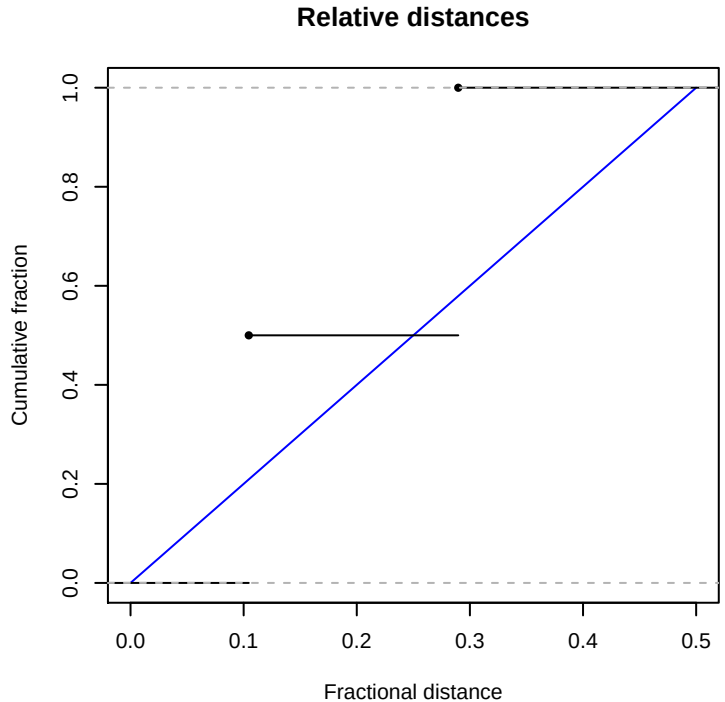




pcontig_150

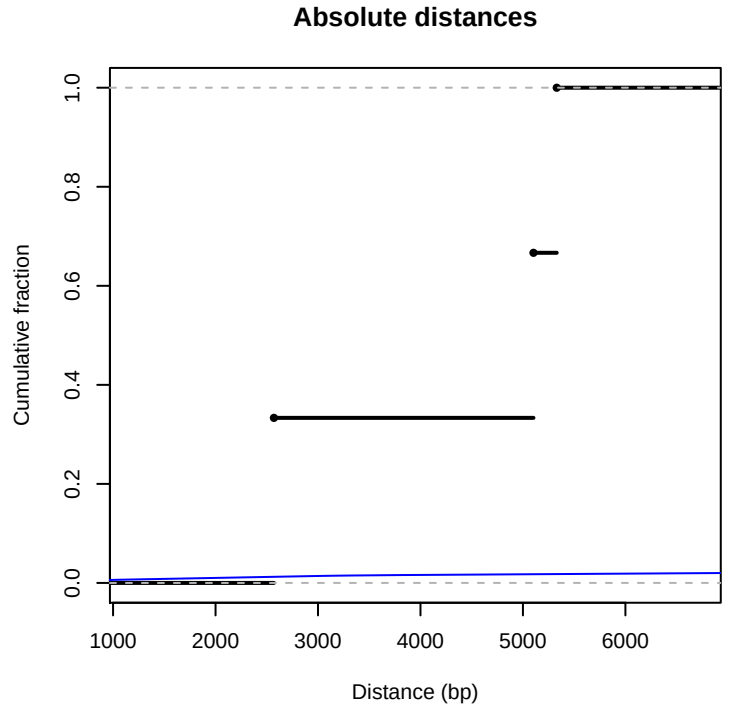
Query population : 2
Reference population : 10
Relative Ks p−value : 0.767186
Relative ecdf deviation area : 0.0780533
Relative ecdf area correlation : 0.211544
Relative ecdf deviation area p−value : 0.77
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00604779
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

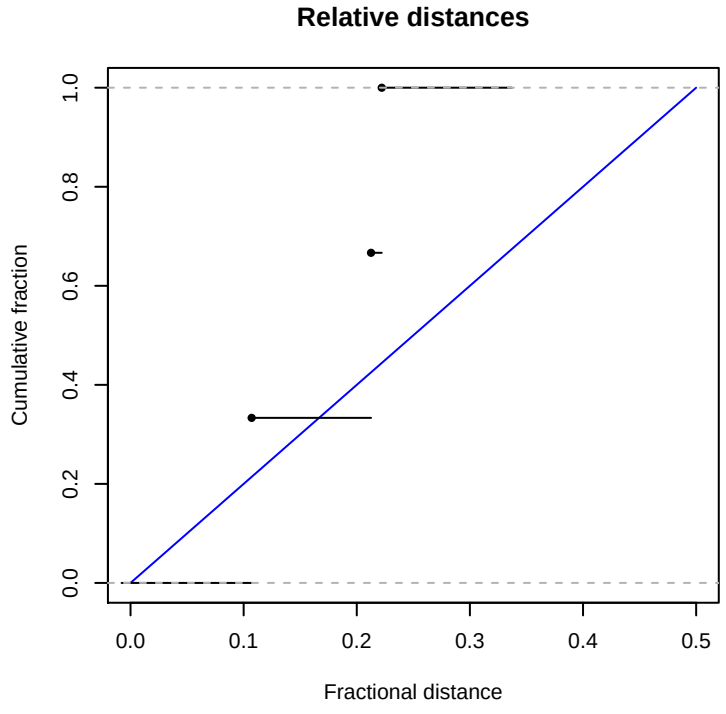




pcontig_157

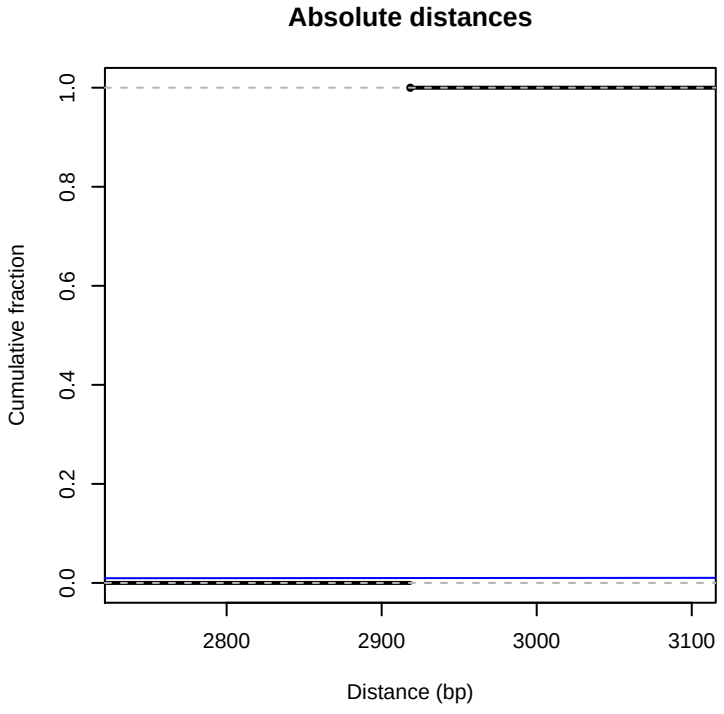
Query population : 3
Reference population : 10
Relative Ks p−value : 0.216119
Relative ecdf deviation area : 0.0965519
Relative ecdf area correlation : 0.277701
Relative ecdf deviation area p−value : 0.39
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0117256
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

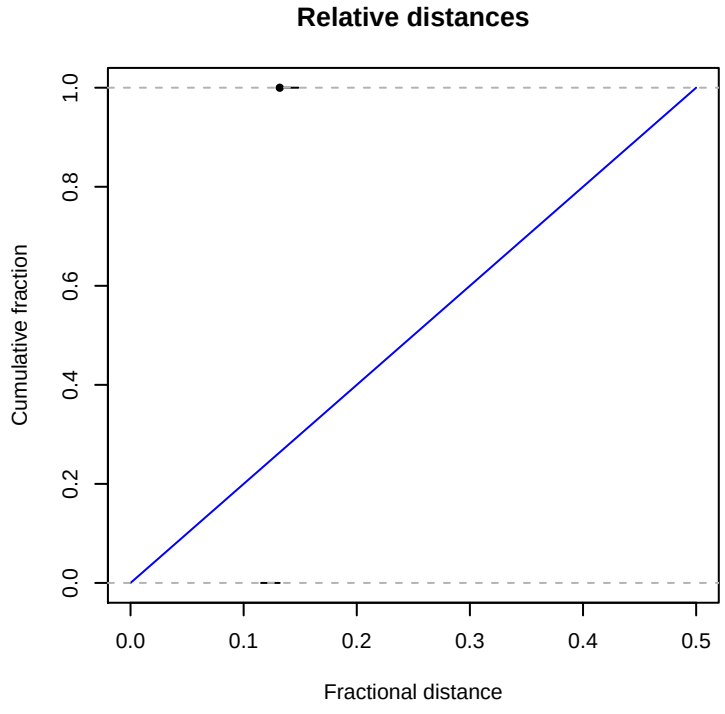




pcontig_165

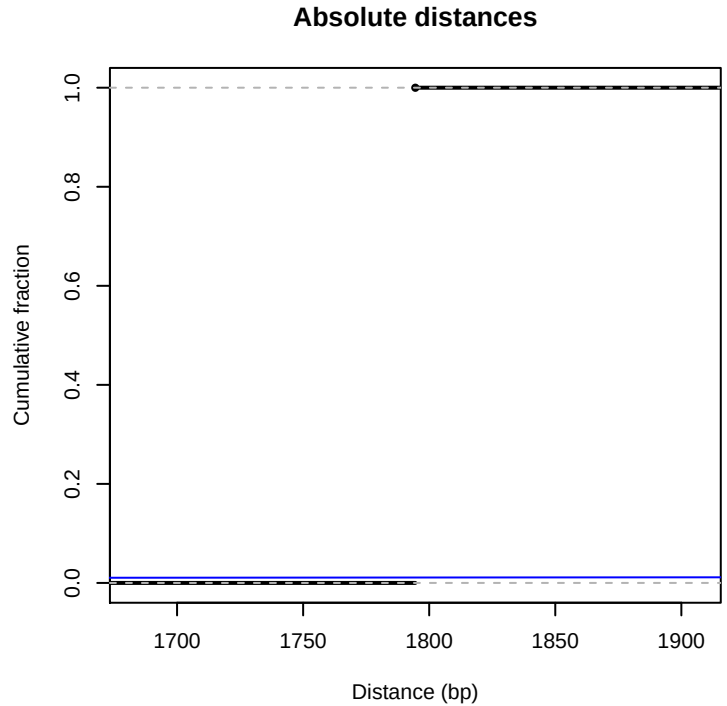
Query population : 1
Reference population : 8
Relative Ks p−value : 0.527555
Relative ecdf deviation area : 0.15323
Relative ecdf area correlation : 0.472445
Relative ecdf deviation area p−value : 0.54
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00288055
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

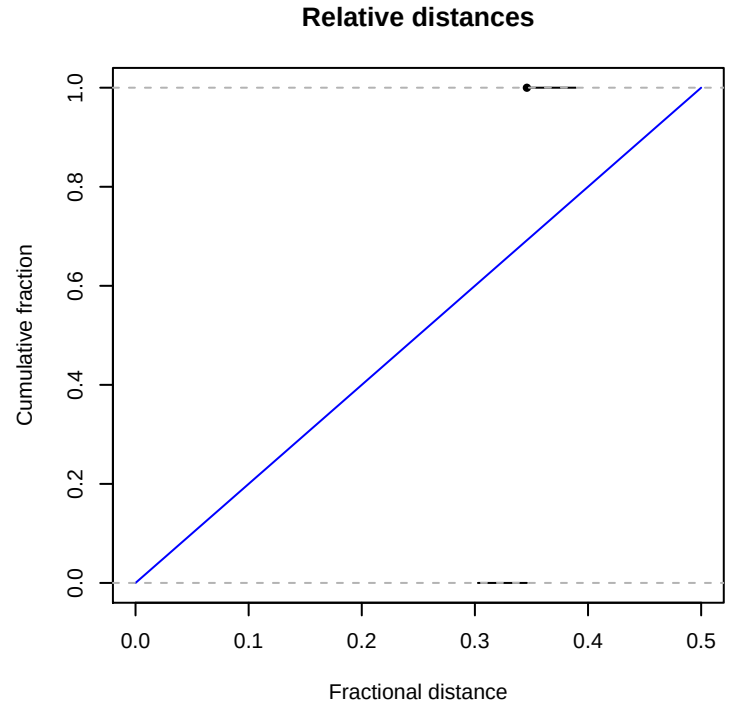




pcontig_170

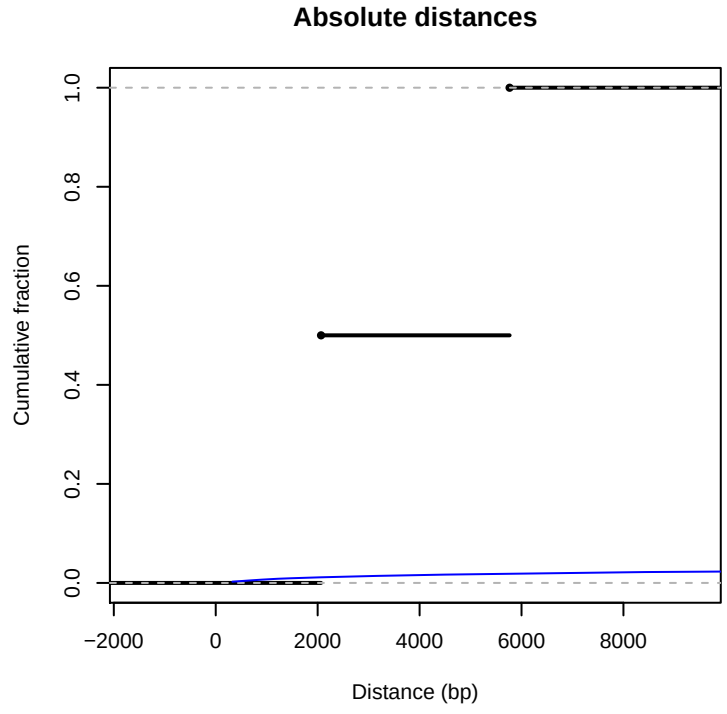
Query population : 1
Reference population : 13
Relative Ks p−value : 0.616289
Relative ecdf deviation area : 0.143612
Relative ecdf area correlation : −0.383711
Relative ecdf deviation area p−value : 0.65
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00375801
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

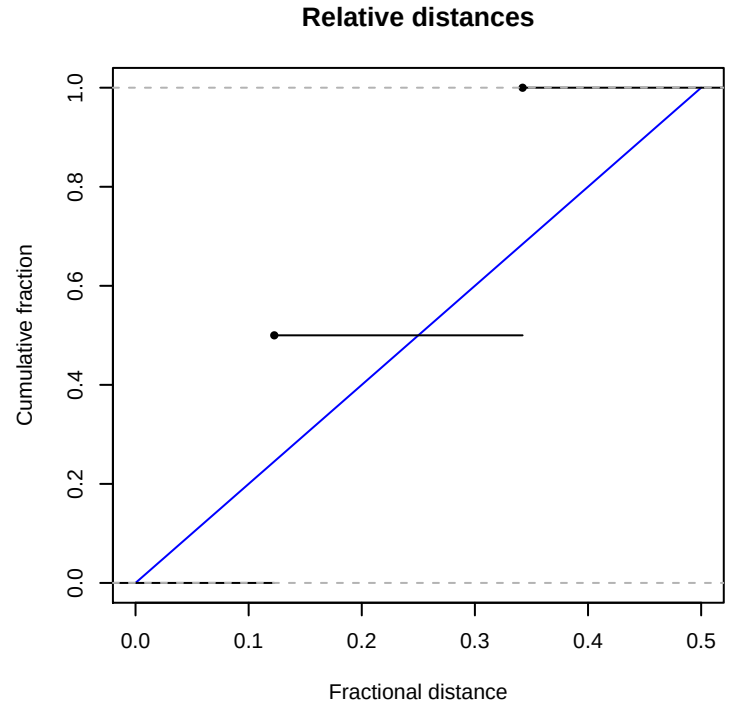




pcontig_173

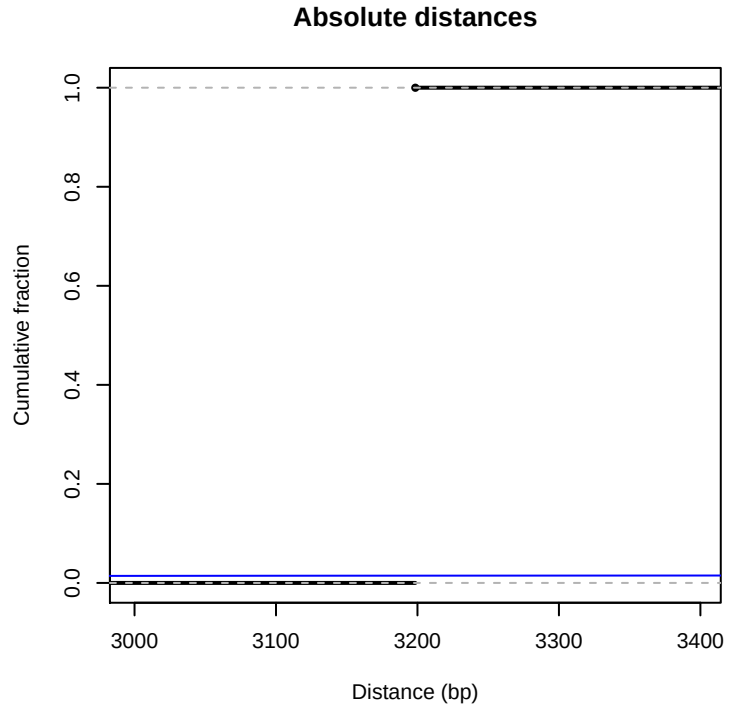
Query population : 2
Reference population : 12
Relative Ks p−value : 0.965477
Relative ecdf deviation area : 0.0647664
Relative ecdf area correlation : 0.0704008
Relative ecdf deviation area p−value : 0.97
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00788704
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

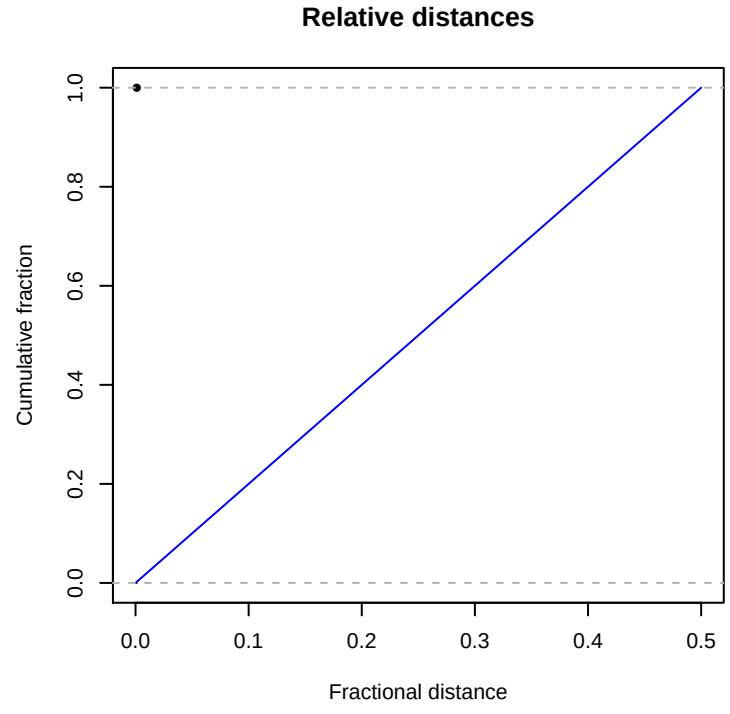




pcontig_174

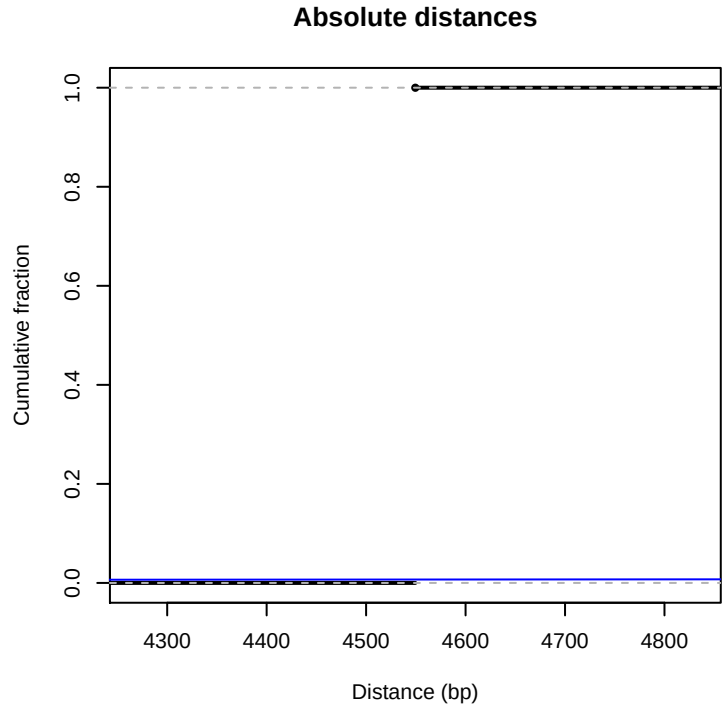
Query population : 1
Reference population : 11
Relative Ks p−value : 0.00424151
Relative ecdf deviation area : 0.25
Relative ecdf area correlation : 0.995758
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00651871
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

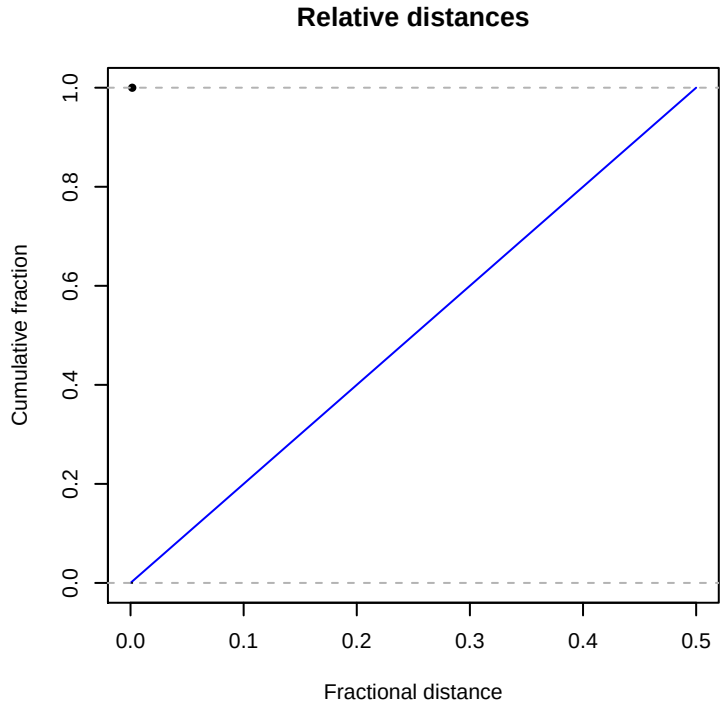




pcontig_181

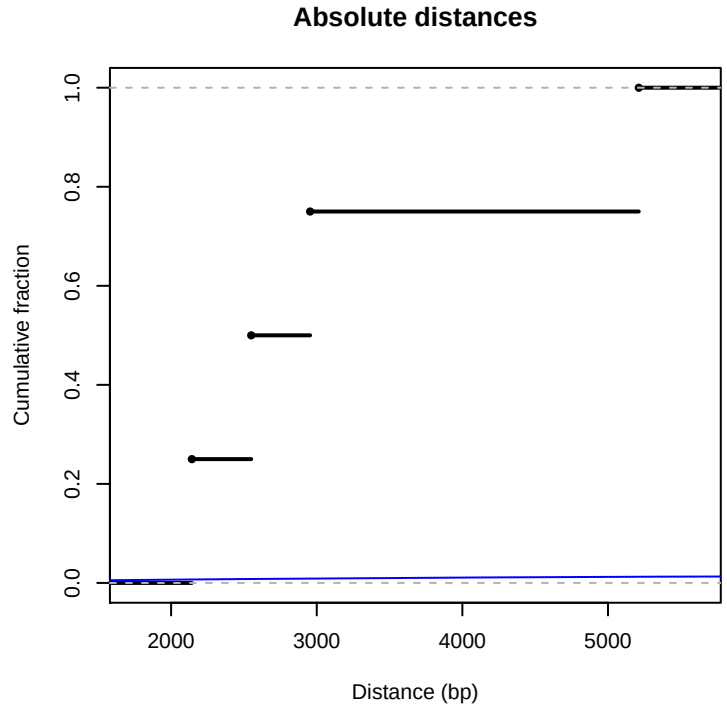
Query population : 1
Reference population : 4
Relative Ks p−value : 0.00598994
Relative ecdf deviation area : 0.24927
Relative ecdf area correlation : 0.99401
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00194137
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

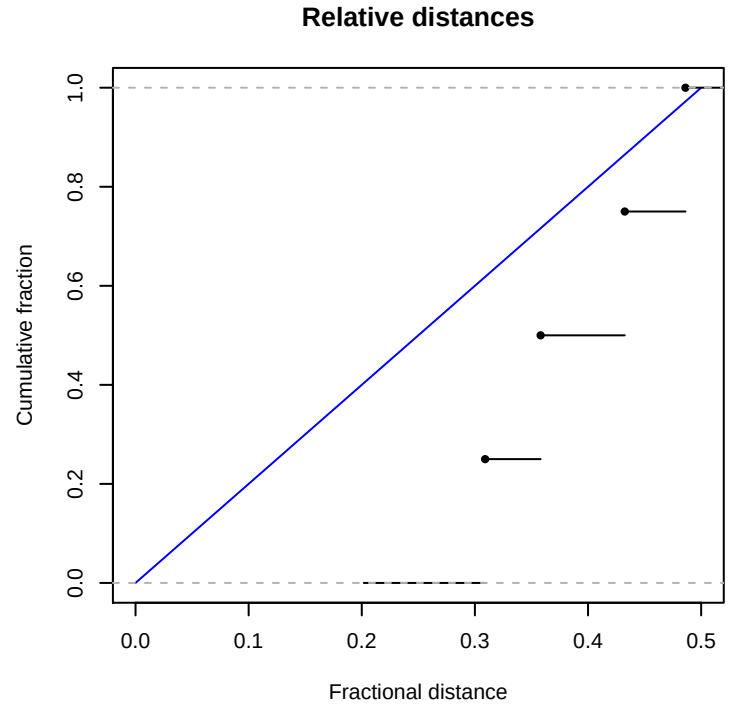




pcontig_186

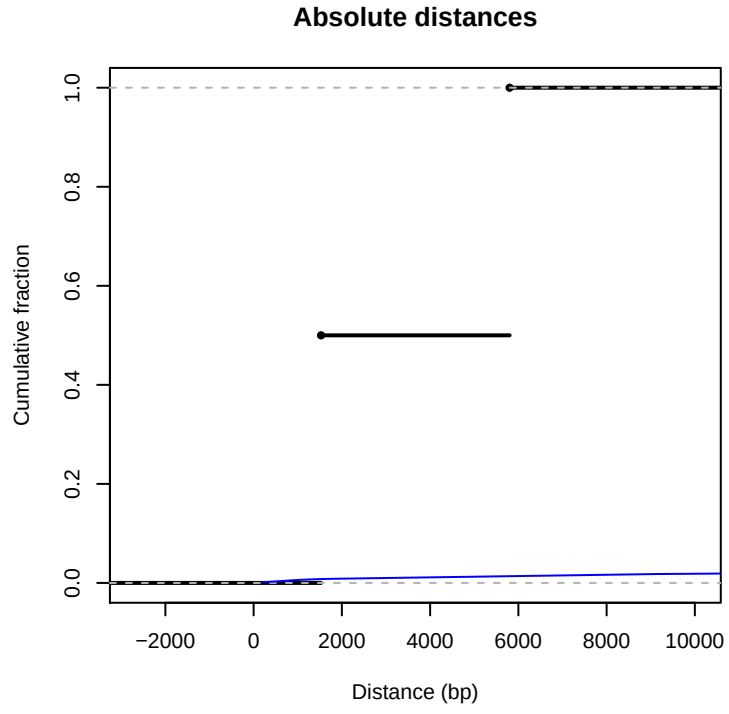
Query population : 4
Reference population : 6
Relative Ks p−value : 0.0538597
Relative ecdf deviation area : 0.146673
Relative ecdf area correlation : −0.585775
Relative ecdf deviation area p−value : 0.0600000000000001
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0171955
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

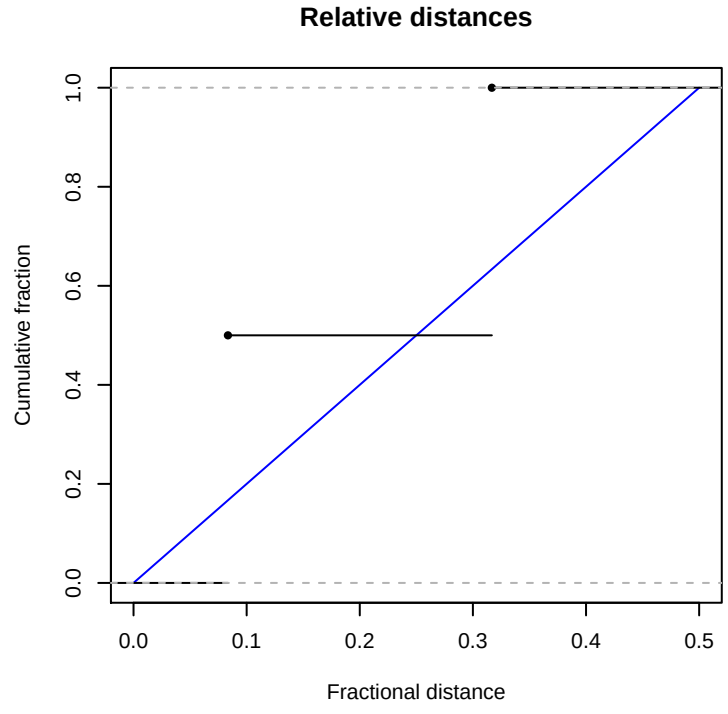




pcontig_188

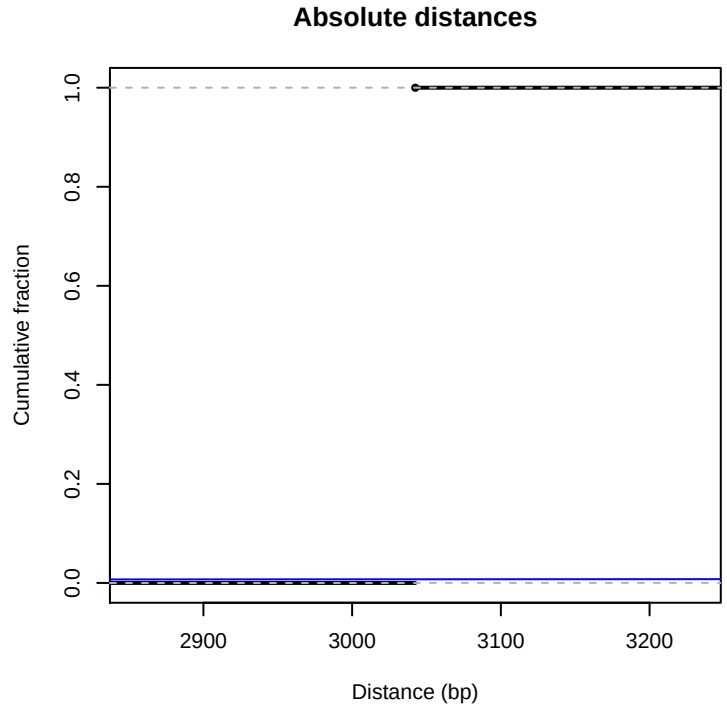
Query population : 2
Reference population : 10
Relative Ks p−value : 0.891435
Relative ecdf deviation area : 0.072648
Relative ecdf area correlation : 0.199585
Relative ecdf deviation area p−value : 0.88
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.04
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0100112
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

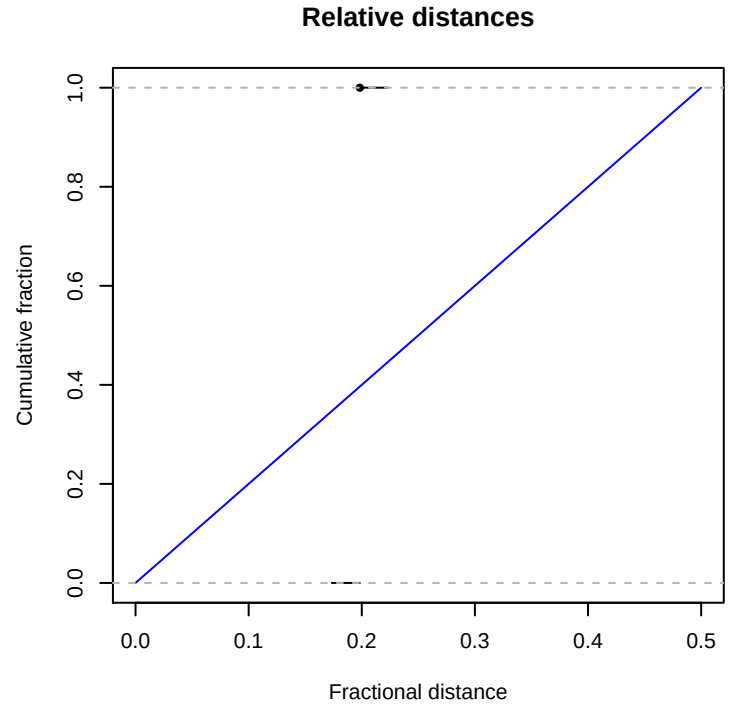




pcontig_189

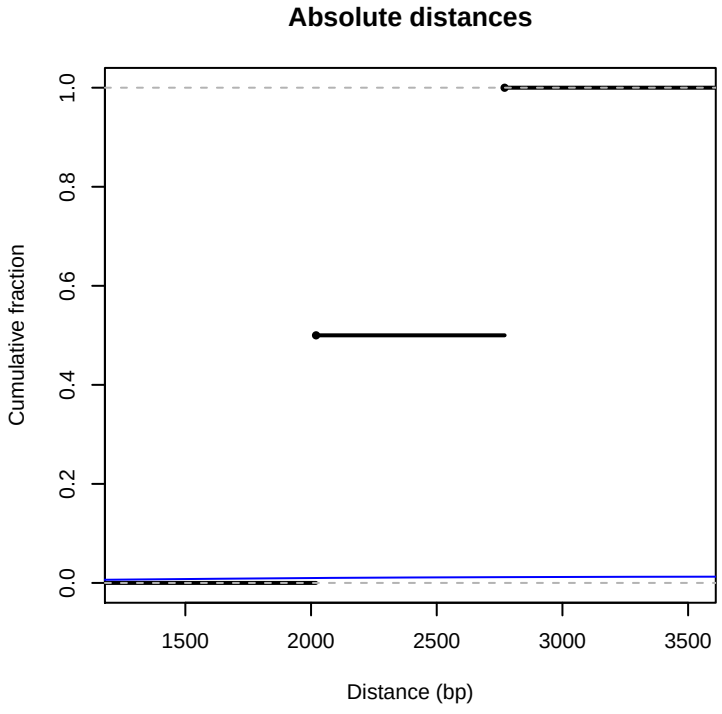
Query population : 1
Reference population : 6
Relative Ks p−value : 0.793118
Relative ecdf deviation area : 0.130145
Relative ecdf area correlation : 0.206882
Relative ecdf deviation area p−value : 0.81
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.002586
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

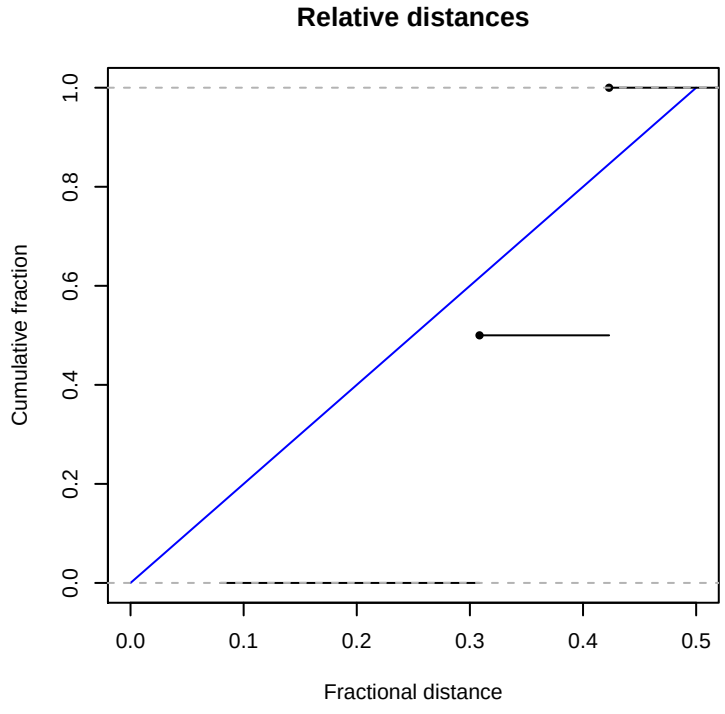




pcontig_203

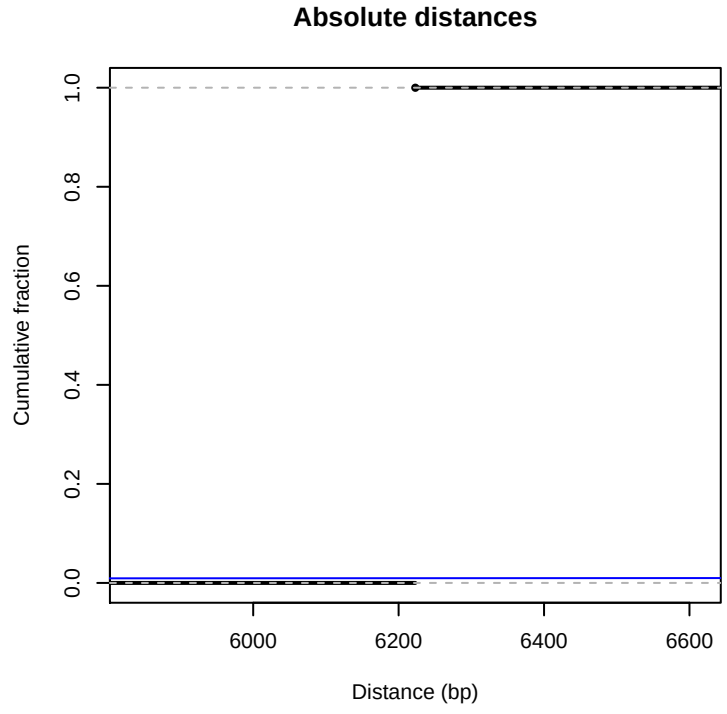
Query population : 2
Reference population : 9
Relative Ks p−value : 0.293405
Relative ecdf deviation area : 0.127844
Relative ecdf area correlation : −0.463042
Relative ecdf deviation area p−value : 0.42
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00925333
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

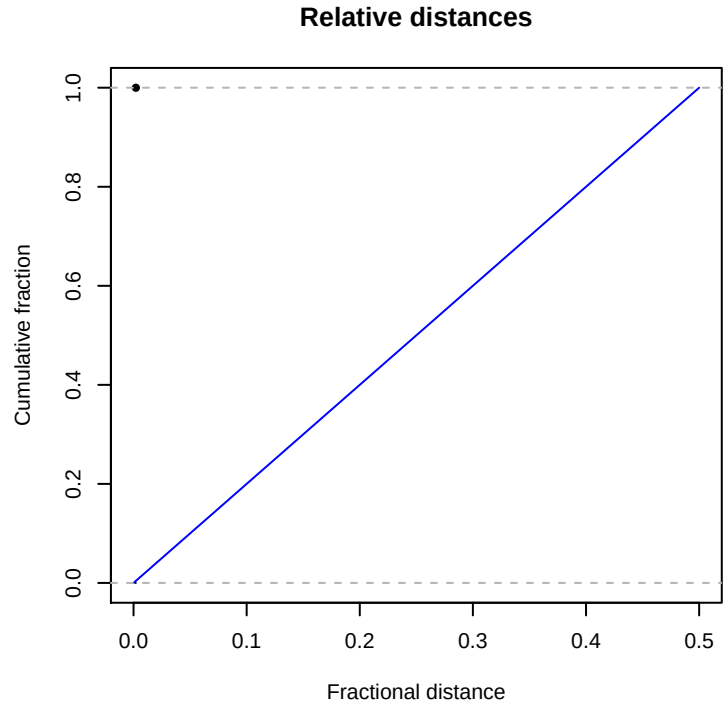




pcontig_207

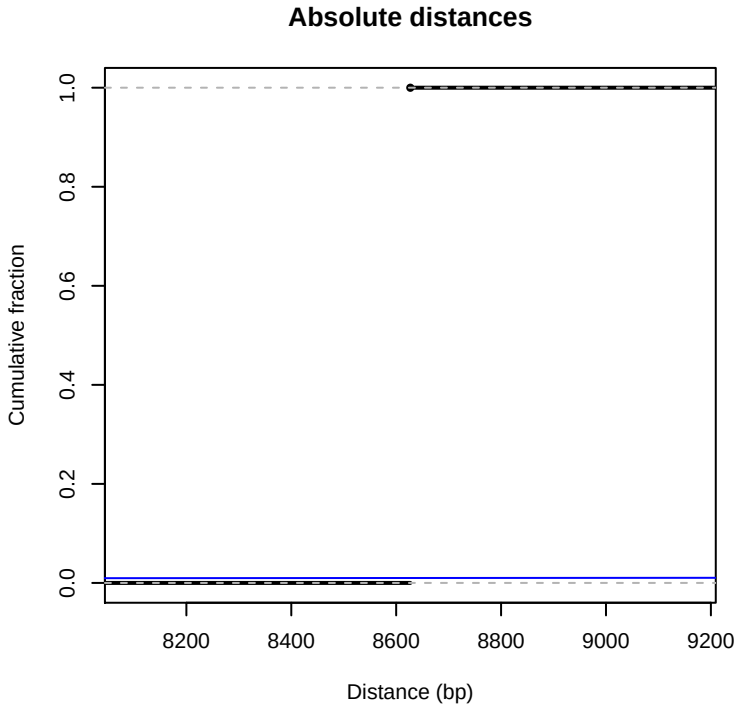
Query population : 1
Reference population : 6
Relative Ks p−value : 0.00817361
Relative ecdf deviation area : 0.248621
Relative ecdf area correlation : 0.991826
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00212229
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

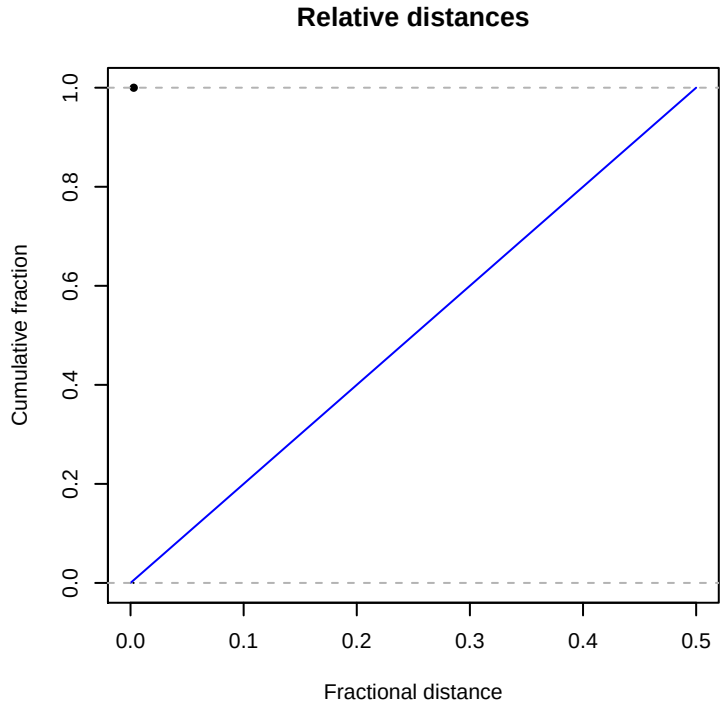




pcontig_233

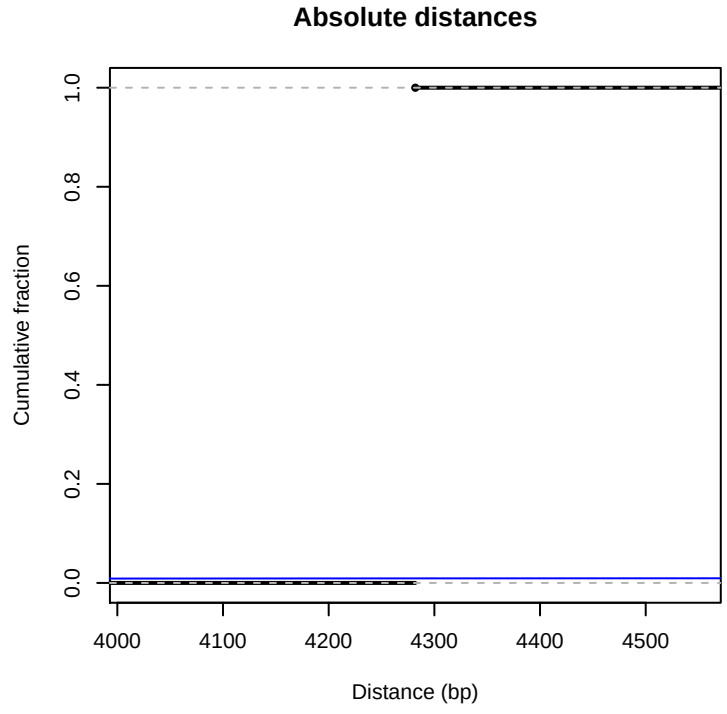
Query population : 1
Reference population : 4
Relative Ks p−value : 0.0113177
Relative ecdf deviation area : 0.246924
Relative ecdf area correlation : 0.988682
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00252852
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

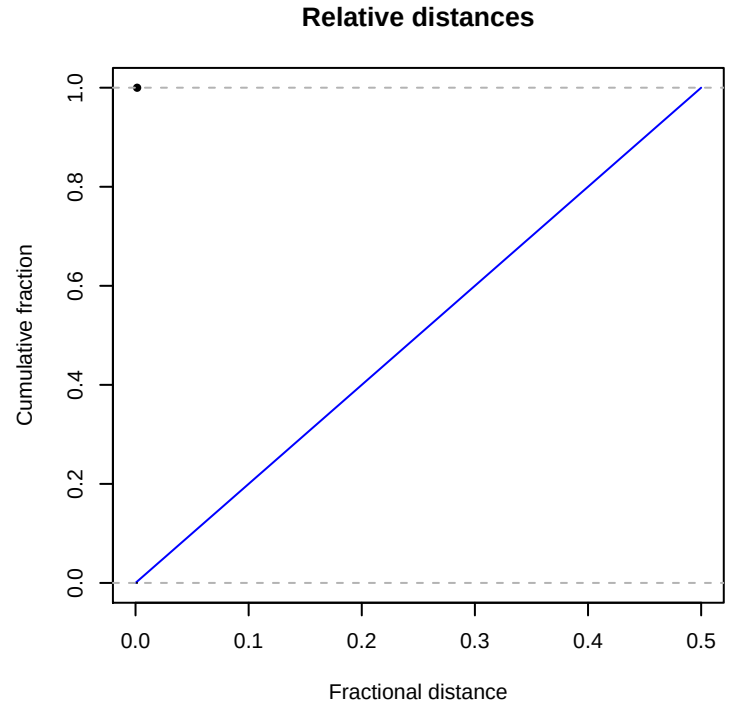


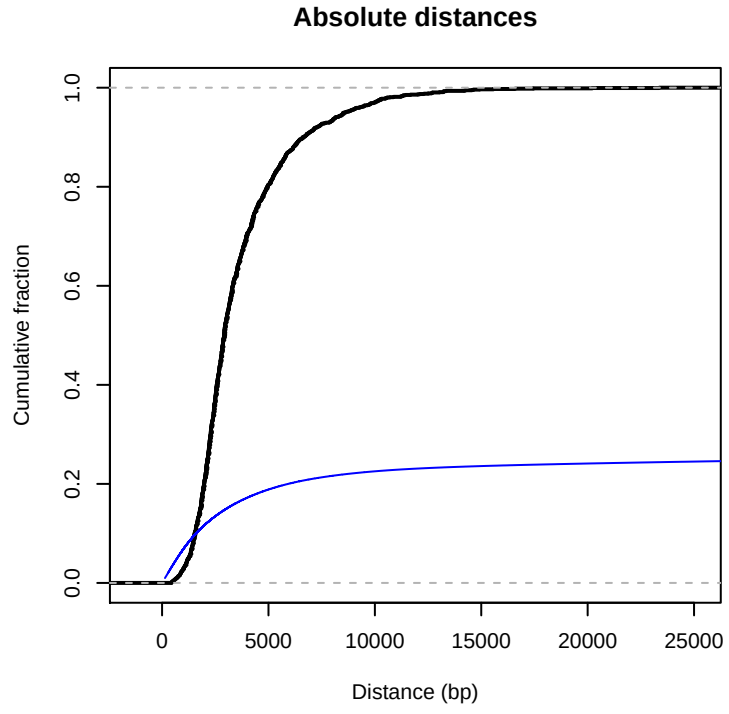
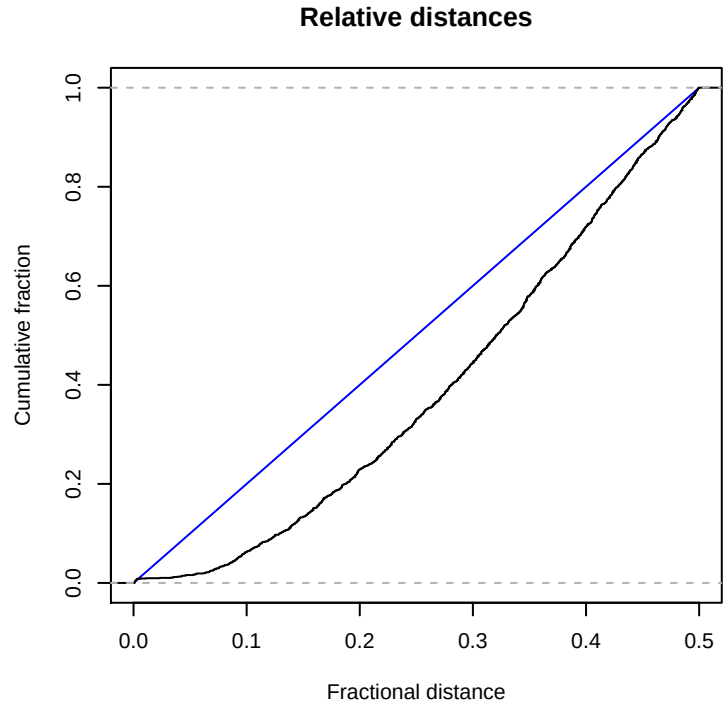


pcontig_235

Query population : 1
Reference population : 5
Relative Ks p−value : 0.0056292
Relative ecdf deviation area : 0.24927
Relative ecdf area correlation : 0.994371
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00137349
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0





All Chromosomes

Query population : 1572
Reference population : 12655
Relative Ks p−value : 0
Relative ecdf deviation area : 0.0571573
Relative ecdf area correlation : −0.228592
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 6.55133e−39
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0