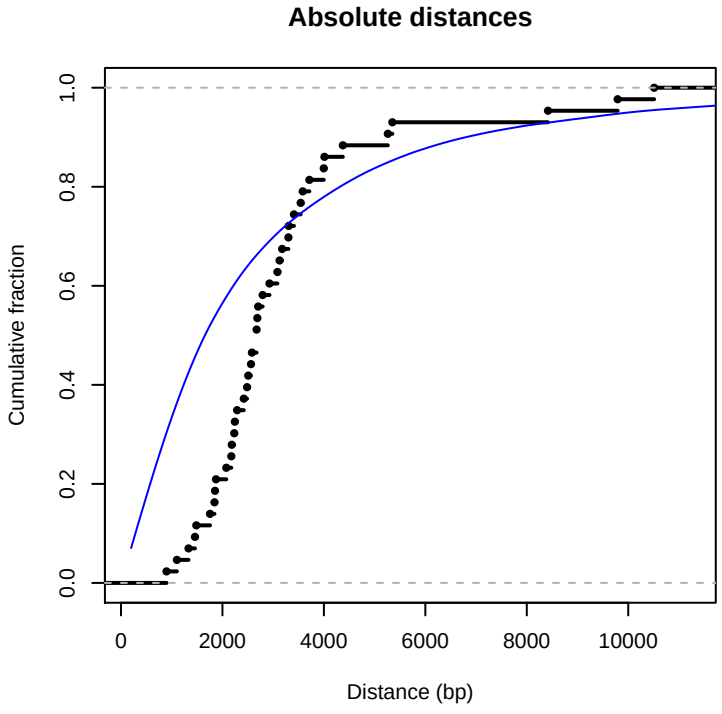
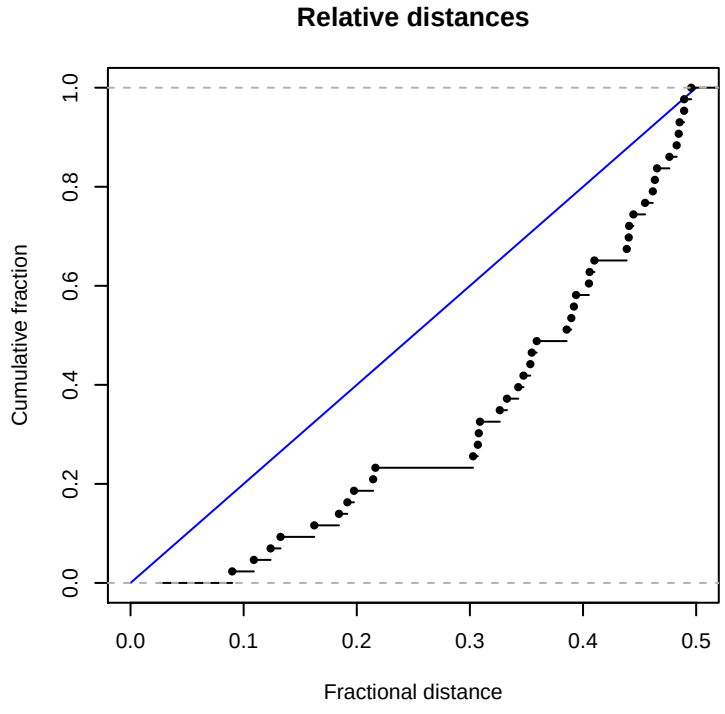
pcontig_000

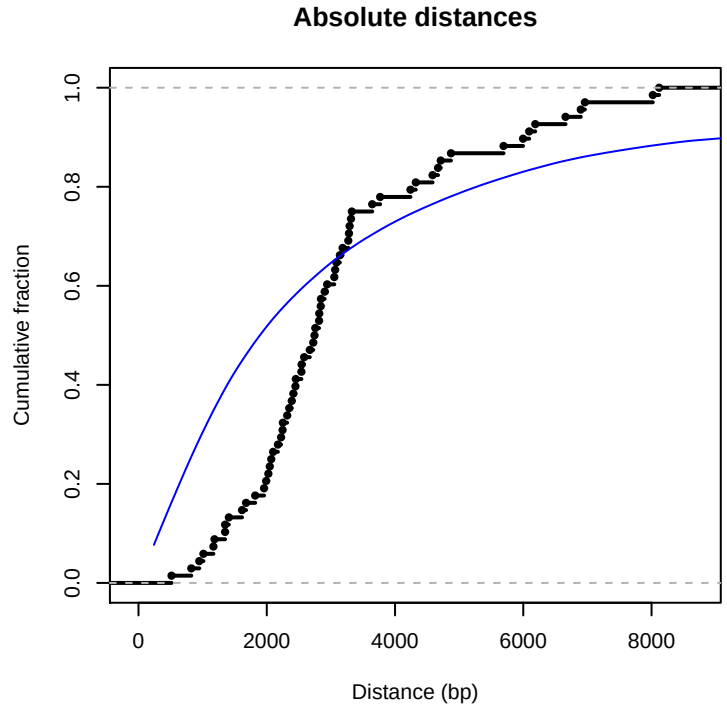
Query population : 43
Reference population : 540
Relative Ks p−value : 7.01448e−06
Relative ecdf deviation area : 0.100273
Relative ecdf area correlation : −0.400985
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : 0.27
Scaled Absolute min. lower tail : FALSE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 1.02819e−06
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

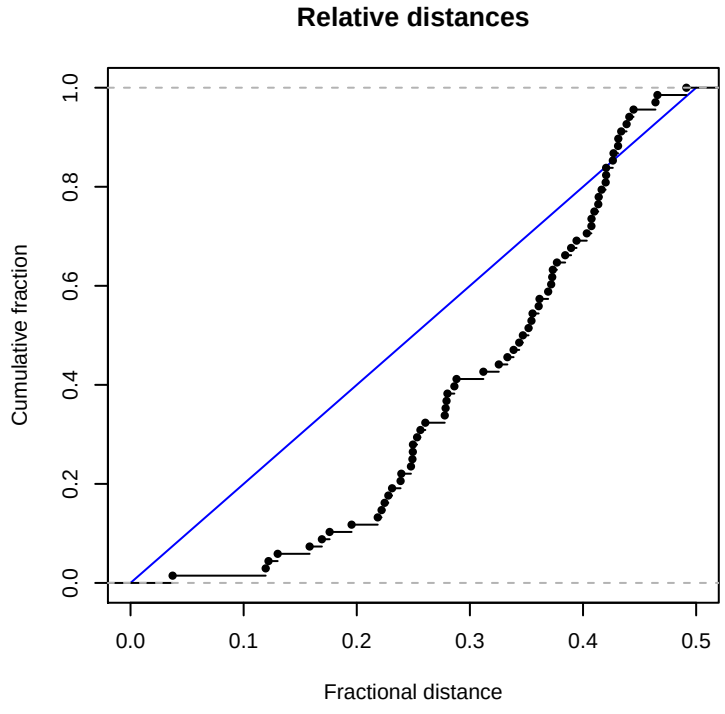




pcontig_001

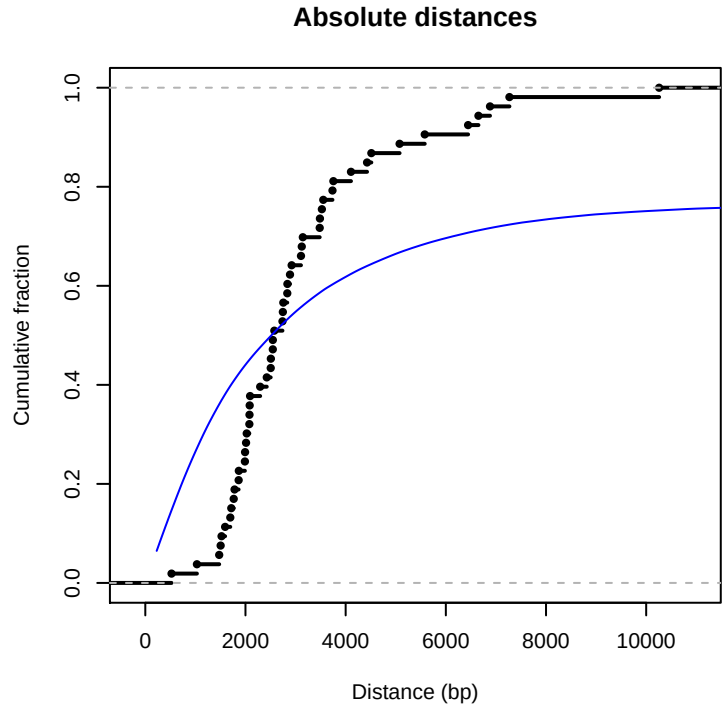
Query population : 68
Reference population : 490
Relative Ks p−value : 1.14036e−06
Relative ecdf deviation area : 0.0785617
Relative ecdf area correlation : −0.294675
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 3.64933e−09
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

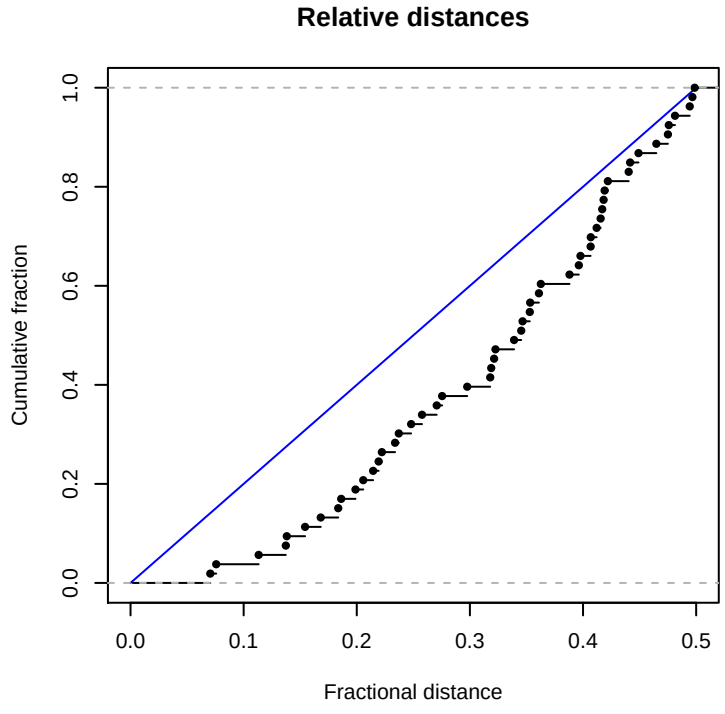




pcontig_002

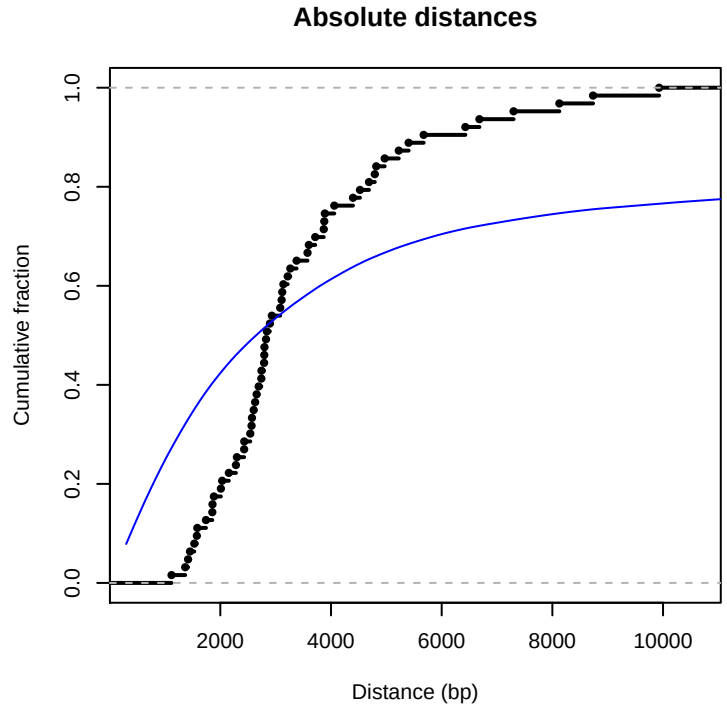
Query population : 53
Reference population : 436
Relative Ks p−value : 0.00365684
Relative ecdf deviation area : 0.071461
Relative ecdf area correlation : −0.288082
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 2.65913e−07
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

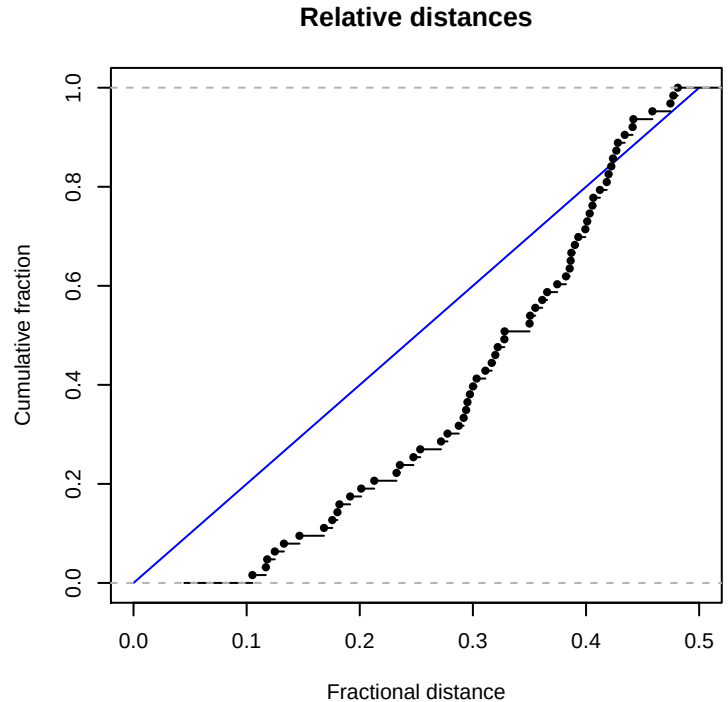




pcontig_003

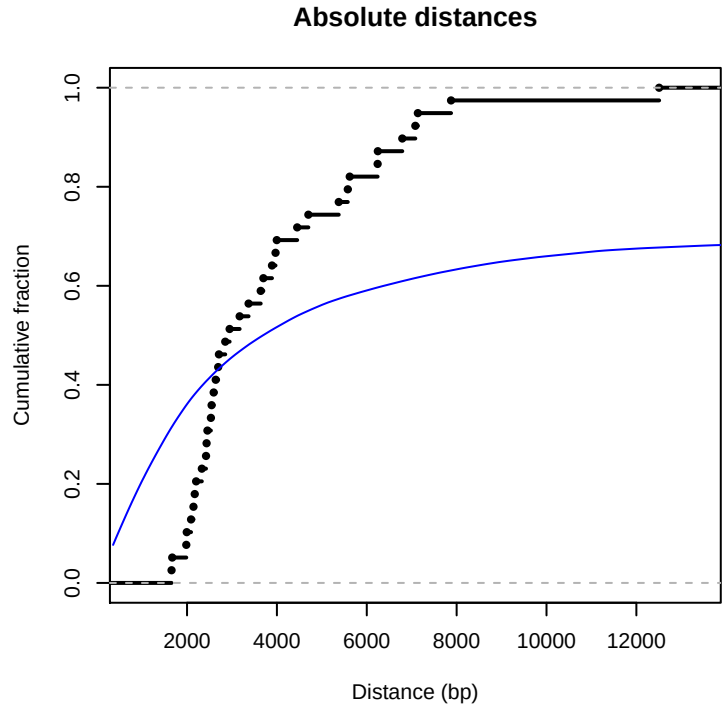
Query population : 63
Reference population : 403
Relative Ks p−value : 0.000115462
Relative ecdf deviation area : 0.0747668
Relative ecdf area correlation : −0.284305
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 9.54976e−07
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

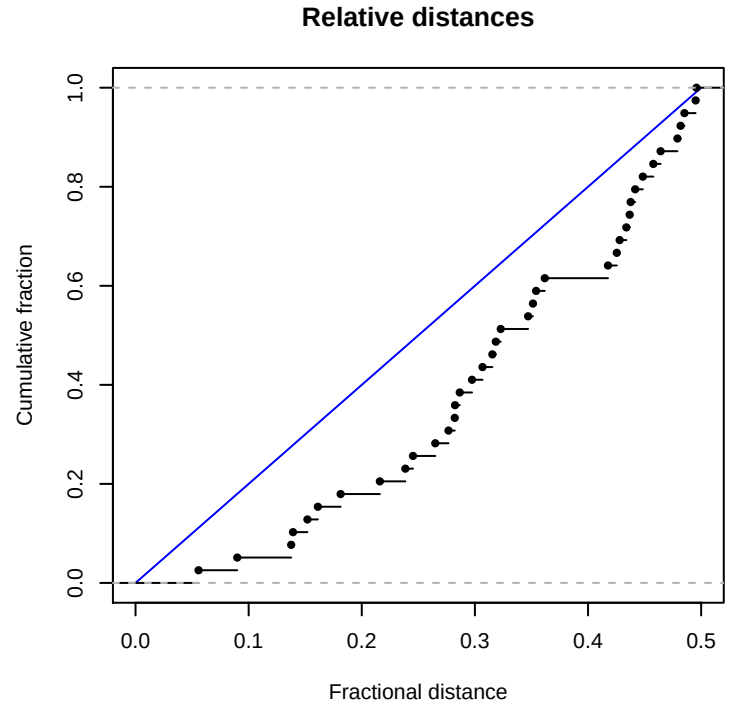




pcontig_004

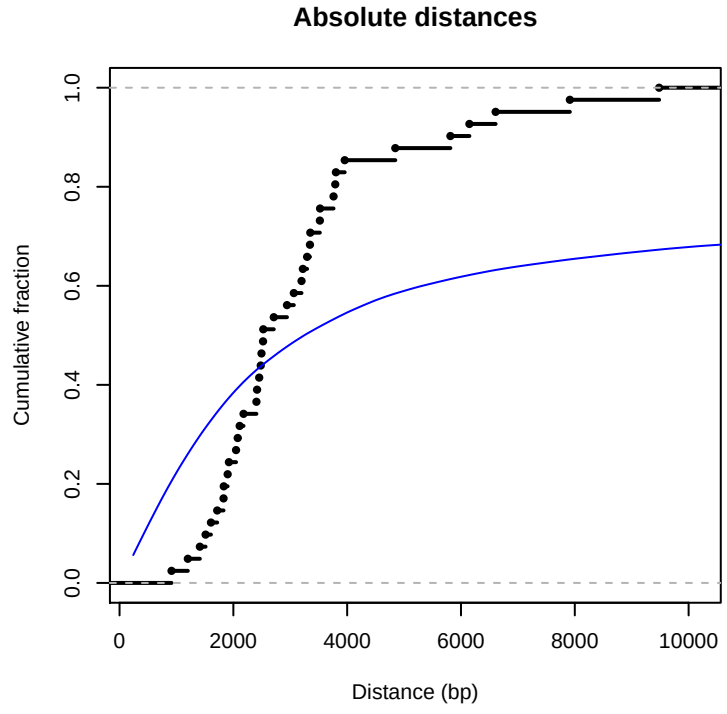
Query population : 39
Reference population : 332
Relative Ks p−value : 0.00454652
Relative ecdf deviation area : 0.0789168
Relative ecdf area correlation : −0.314165
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.000339215
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

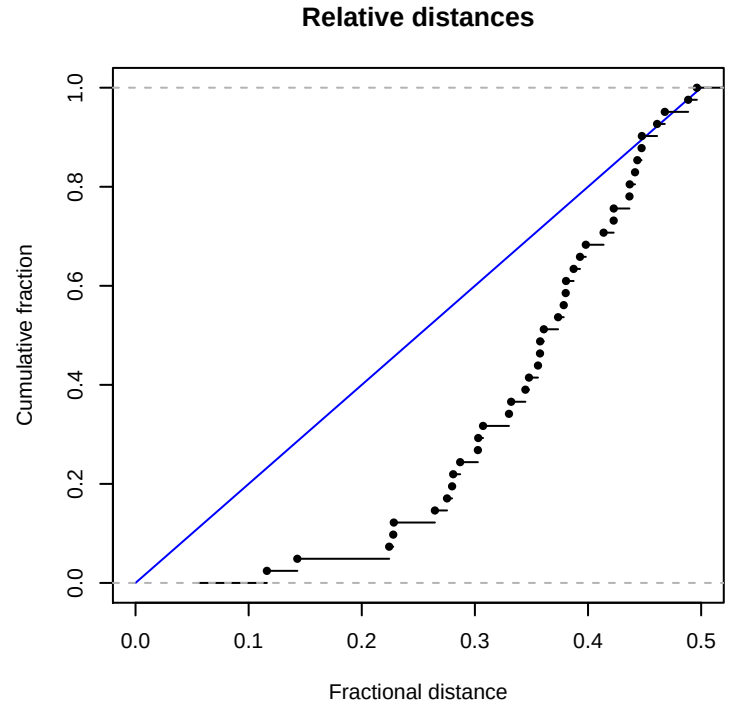




pcontig_005

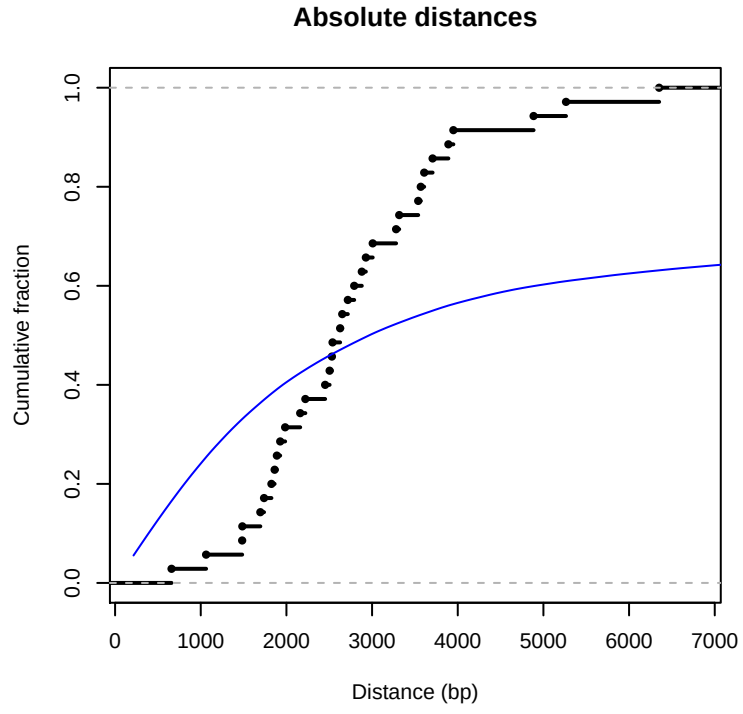
Query population : 41
Reference population : 359
Relative Ks p−value : 1.16178e−06
Relative ecdf deviation area : 0.10427
Relative ecdf area correlation : −0.41892
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 7.87144e−05
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

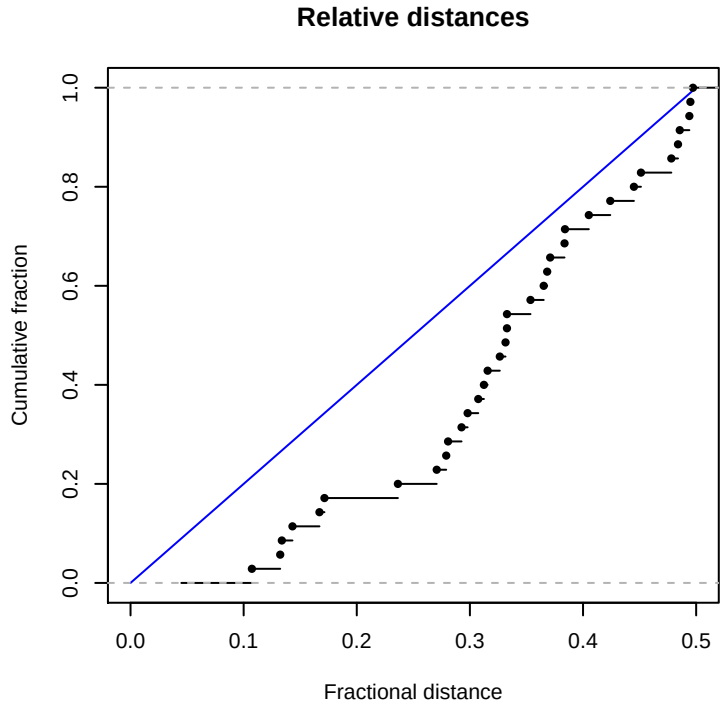




pcontig_006

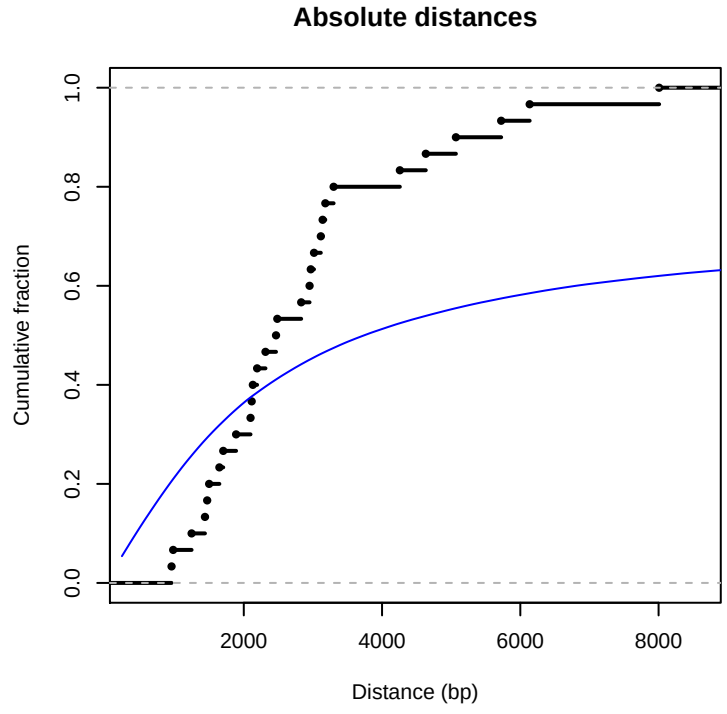
Query population : 35
Reference population : 395
Relative Ks p−value : 0.000382953
Relative ecdf deviation area : 0.0831098
Relative ecdf area correlation : −0.332116
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.000297123
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

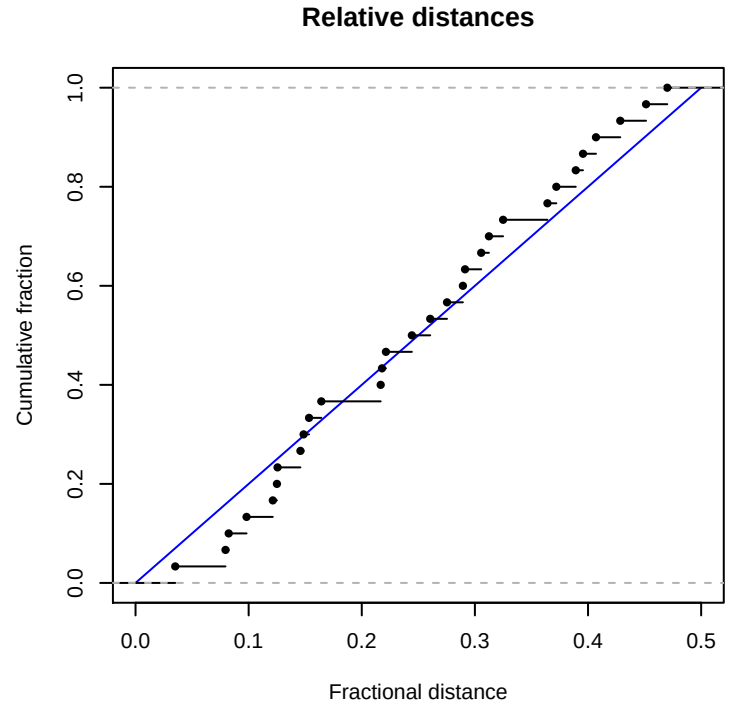




pcontig_007

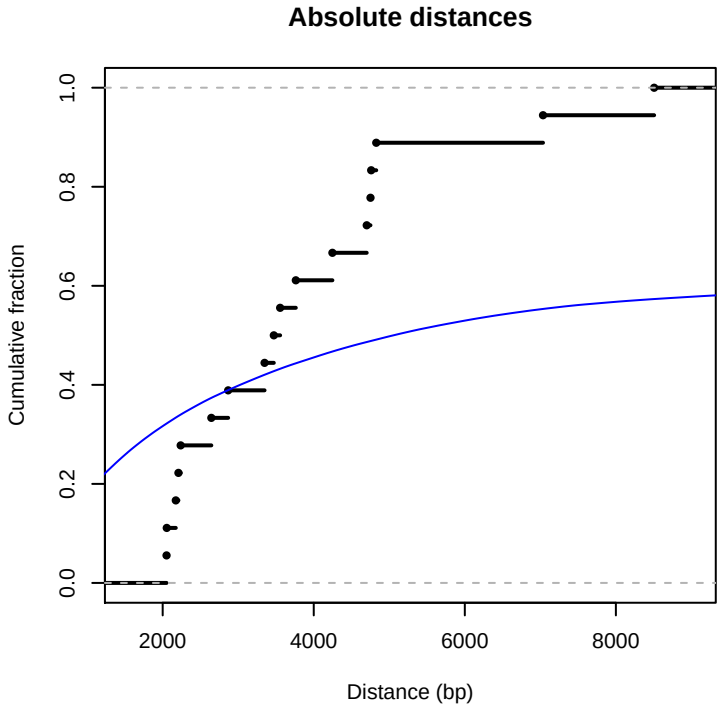
Query population : 30
Reference population : 349
Relative Ks p−value : 0.68361
Relative ecdf deviation area : 0.0218744
Relative ecdf area correlation : −0.00219024
Relative ecdf deviation area p−value : 0.71
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00292721
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

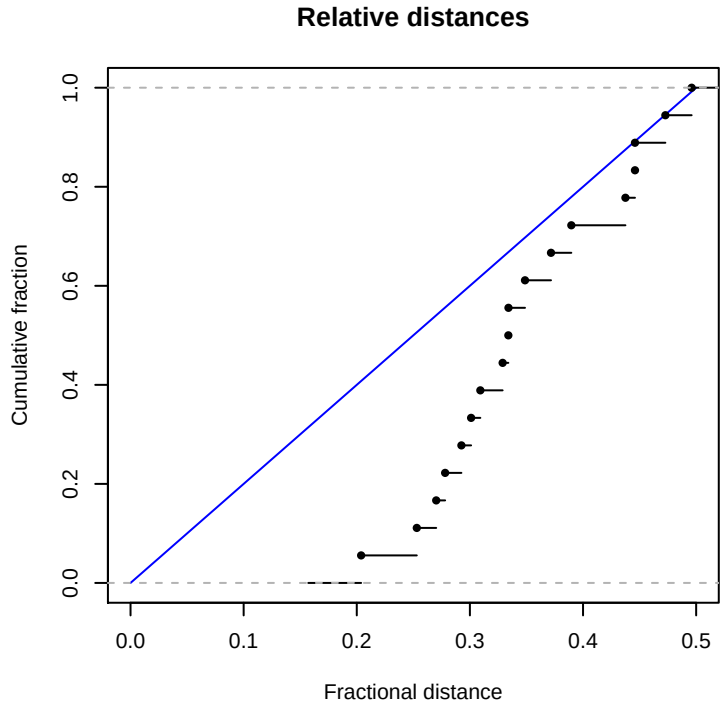




pcontig_008

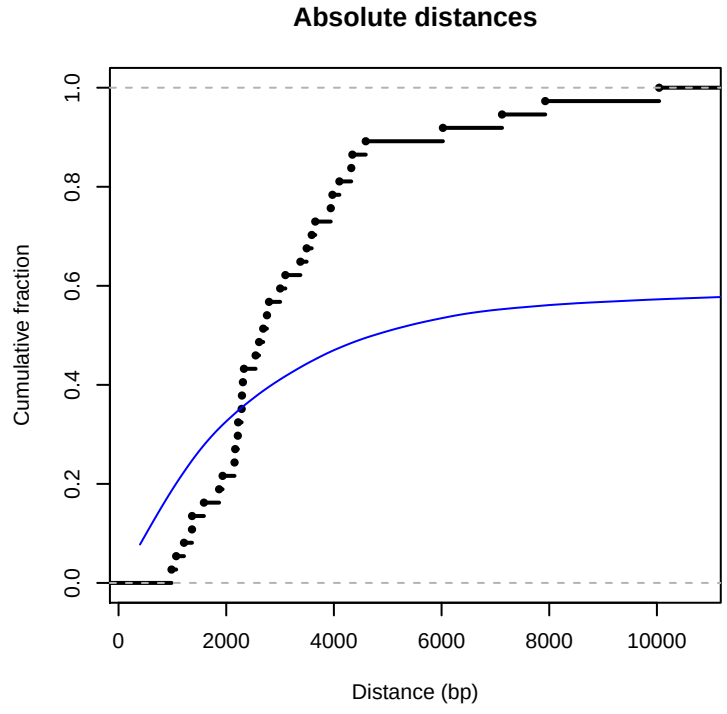
Query population : 18
Reference population : 293
Relative Ks p−value : 0.000744315
Relative ecdf deviation area : 0.100727
Relative ecdf area correlation : −0.402967
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0414466
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

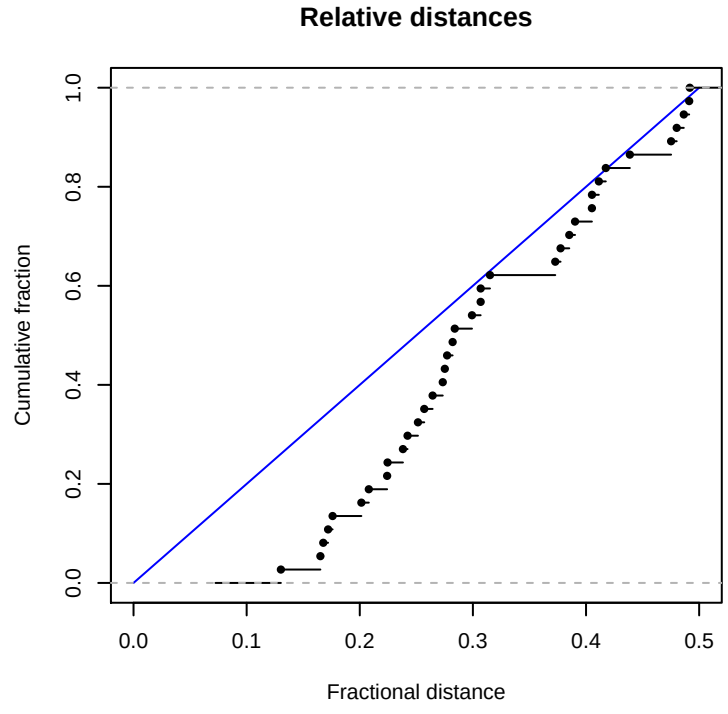




pcontig_009

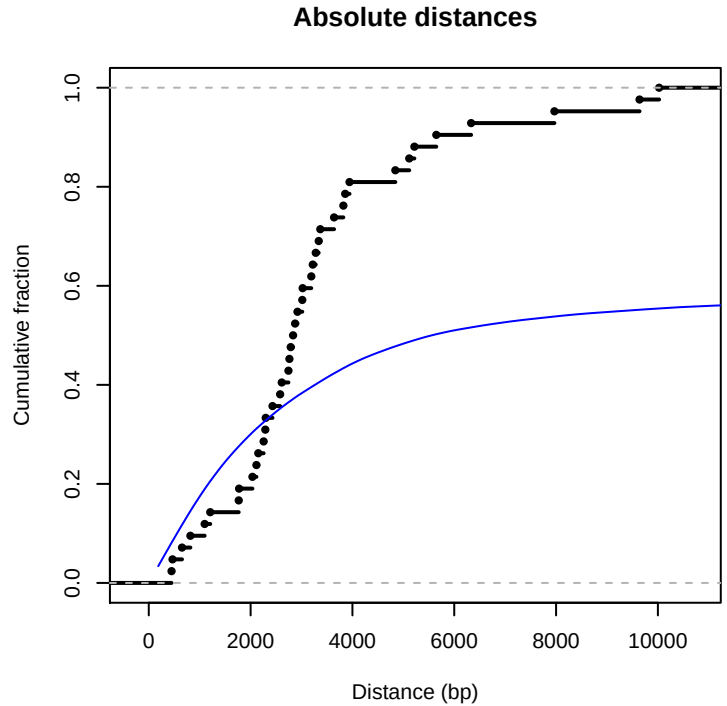
Query population : 37
Reference population : 298
Relative Ks p−value : 0.00161855
Relative ecdf deviation area : 0.0635577
Relative ecdf area correlation : −0.250881
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.000325106
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

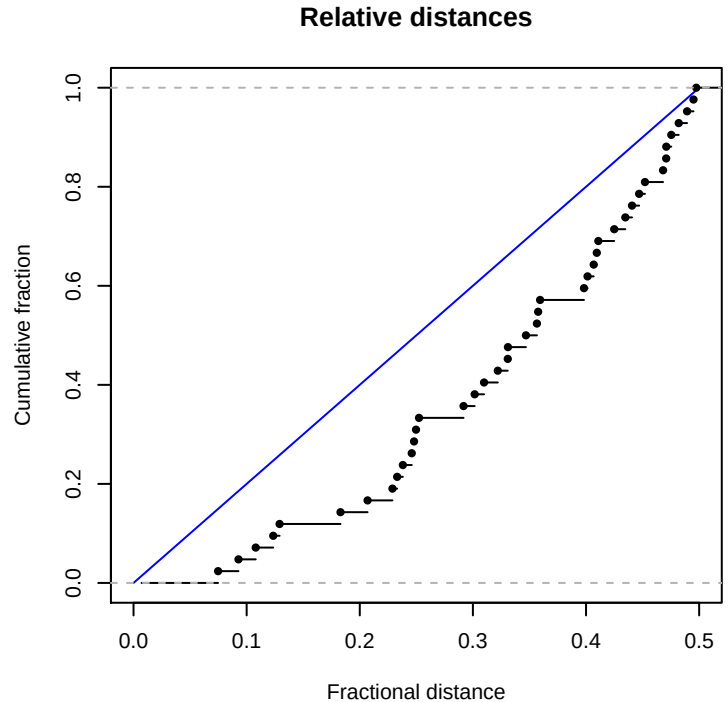




pcontig_010

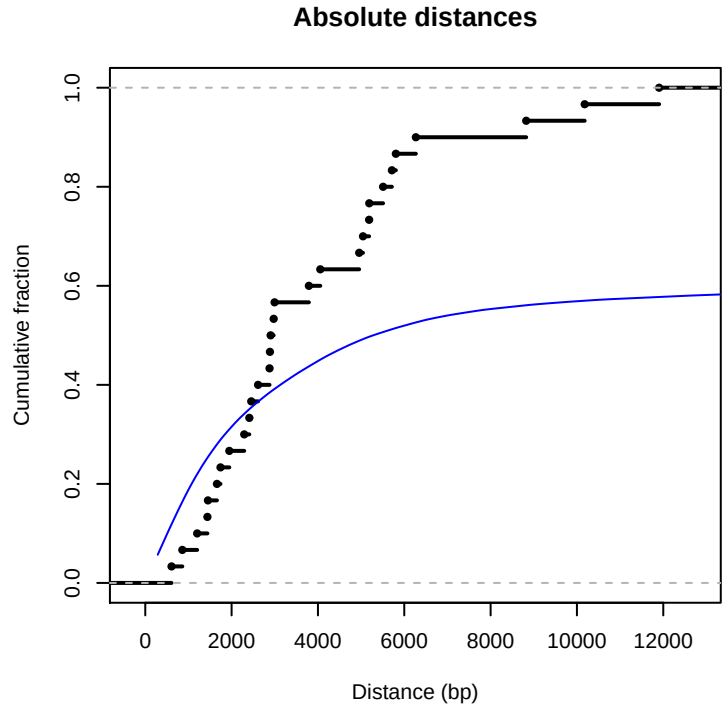
Query population : 42
Reference population : 279
Relative Ks p−value : 0.00120034
Relative ecdf deviation area : 0.0830649
Relative ecdf area correlation : −0.333008
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00241654
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

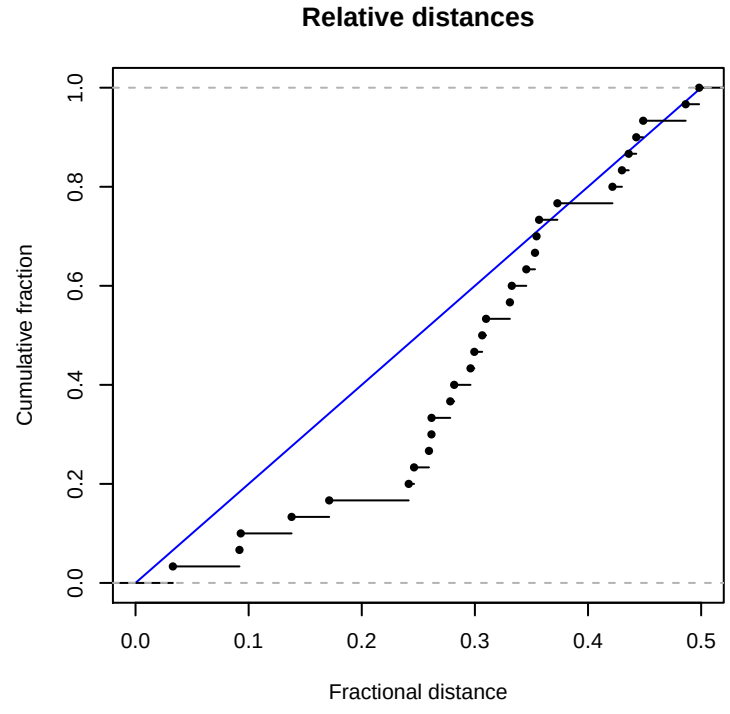




pcontig_011

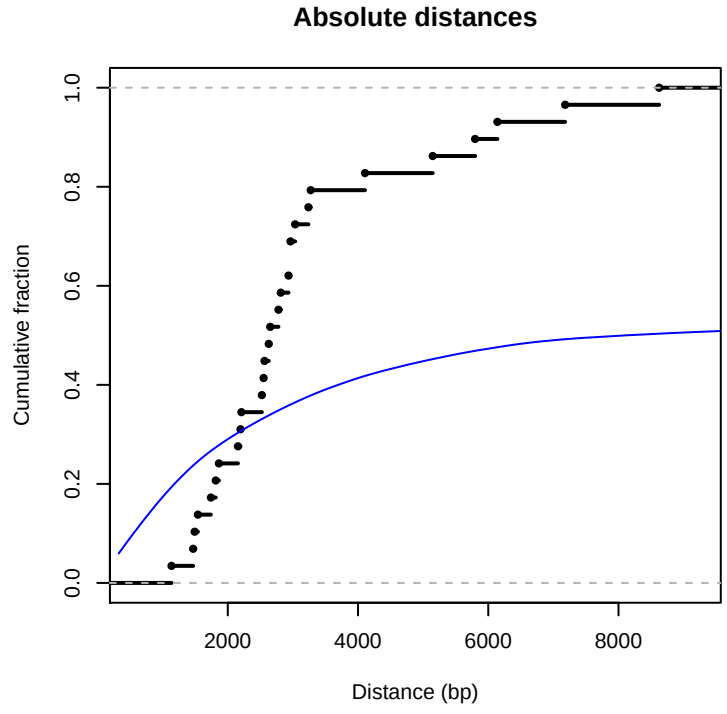
Query population : 30
Reference population : 302
Relative Ks p−value : 0.00362129
Relative ecdf deviation area : 0.0570806
Relative ecdf area correlation : −0.223867
Relative ecdf deviation area p−value : 0.03
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00293778
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

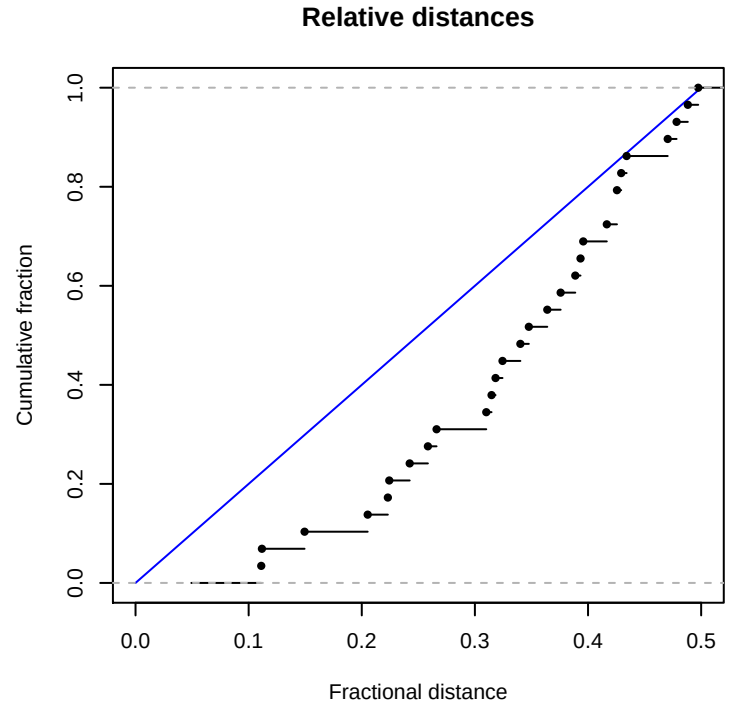




pcontig_012

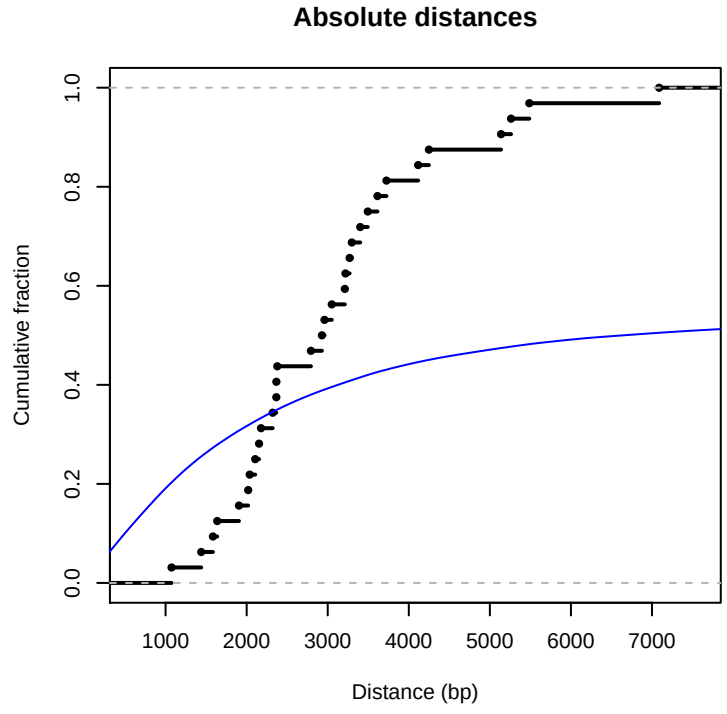
Query population : 29
Reference population : 280
Relative Ks p−value : 0.00572192
Relative ecdf deviation area : 0.085685
Relative ecdf area correlation : −0.342117
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0115502
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

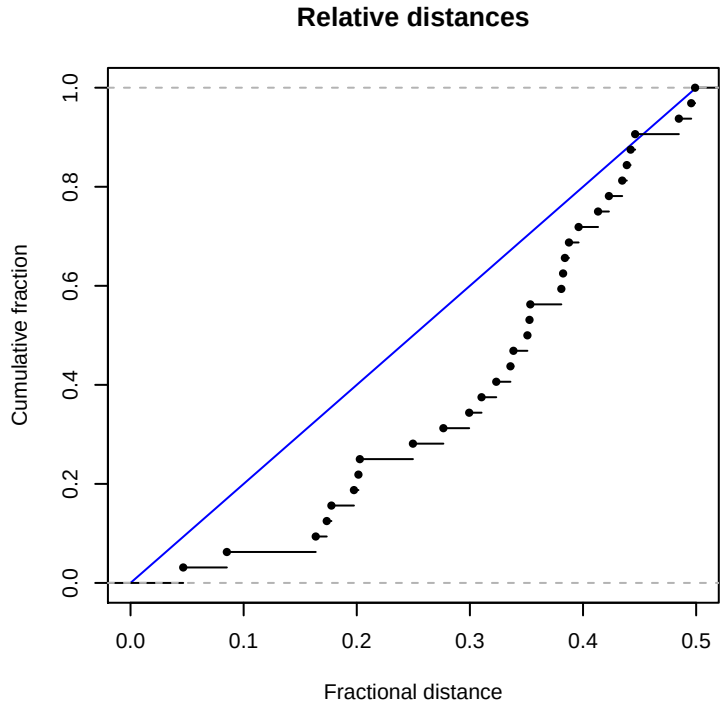




pcontig_013

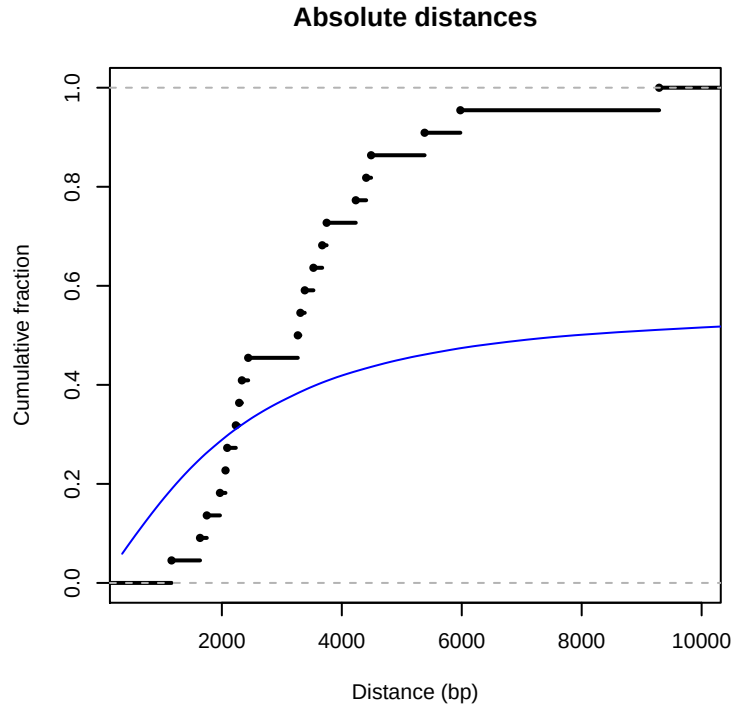
Query population : 32
Reference population : 312
Relative Ks p−value : 0.00816719
Relative ecdf deviation area : 0.0764429
Relative ecdf area correlation : −0.305808
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00434909
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

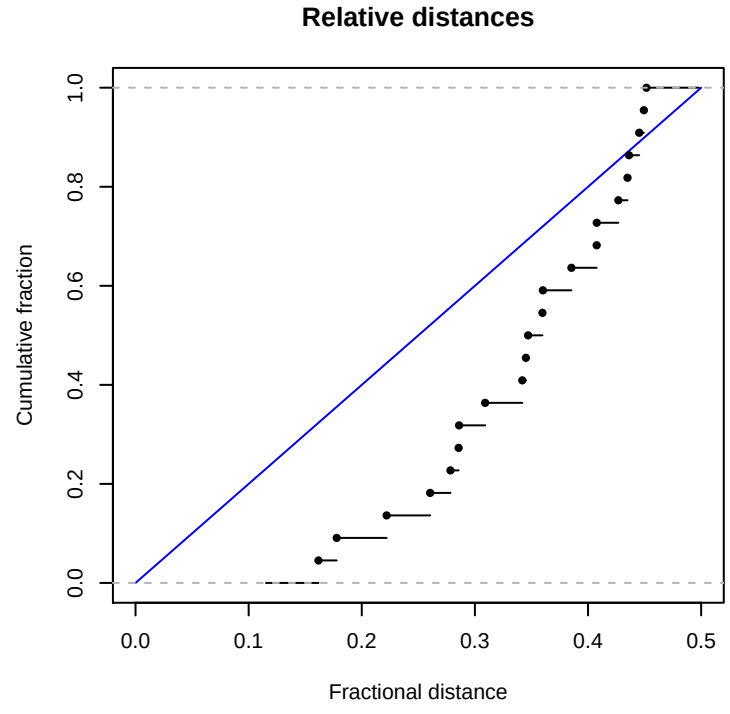




pcontig_014

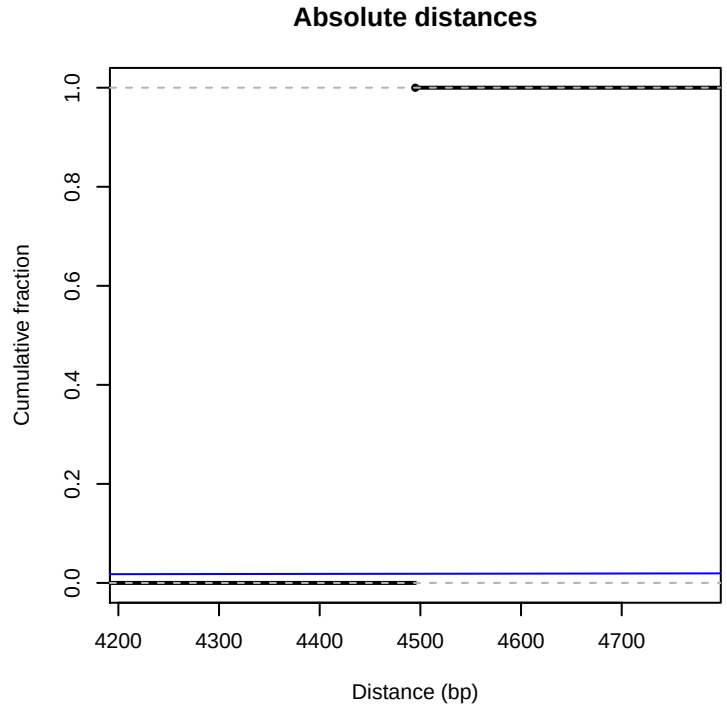
Query population : 22
Reference population : 267
Relative Ks p−value : 0.00194989
Relative ecdf deviation area : 0.0998363
Relative ecdf area correlation : −0.378124
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0300905
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

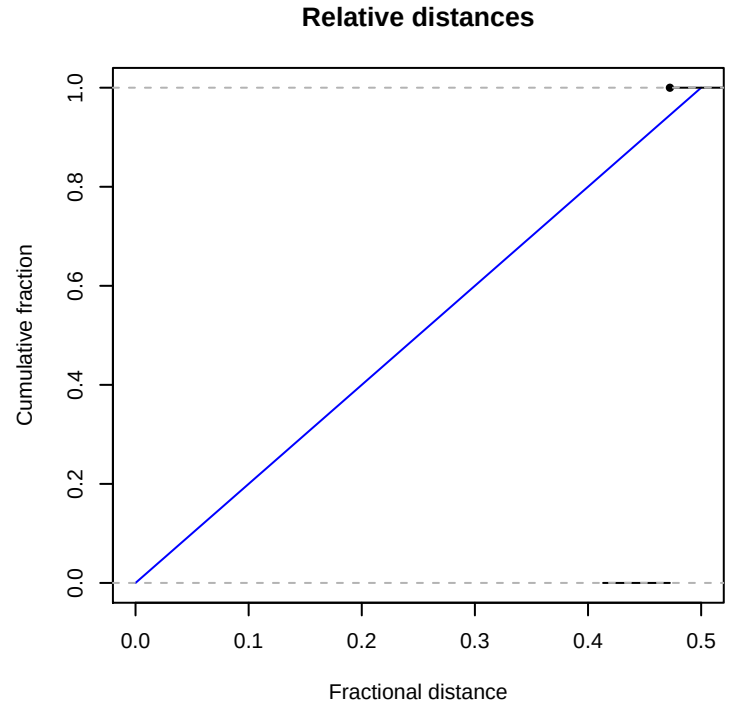




pcontig_015

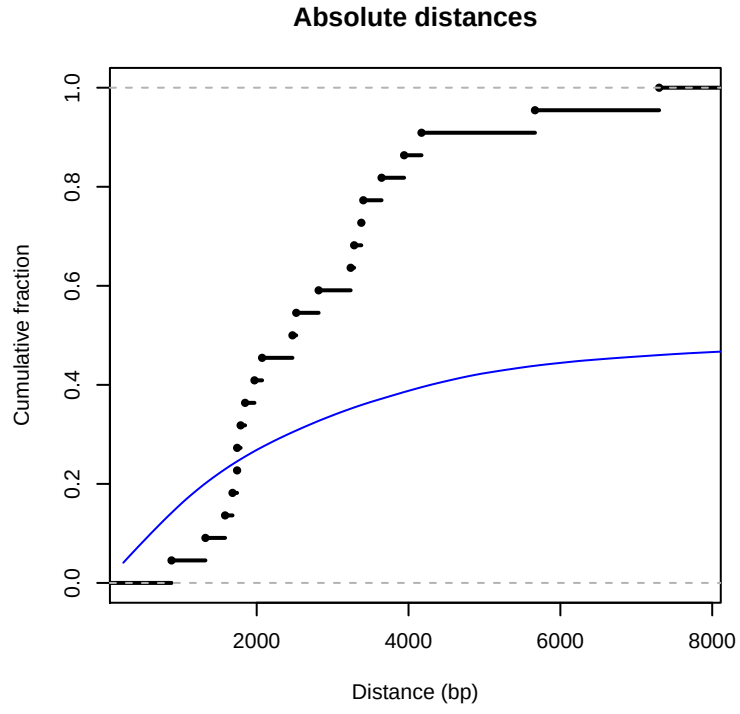
Query population : 1
Reference population : 10
Relative Ks p−value : 0.110451
Relative ecdf deviation area : 0.22439
Relative ecdf area correlation : −0.889549
Relative ecdf deviation area p−value : 0.17
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00374135
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

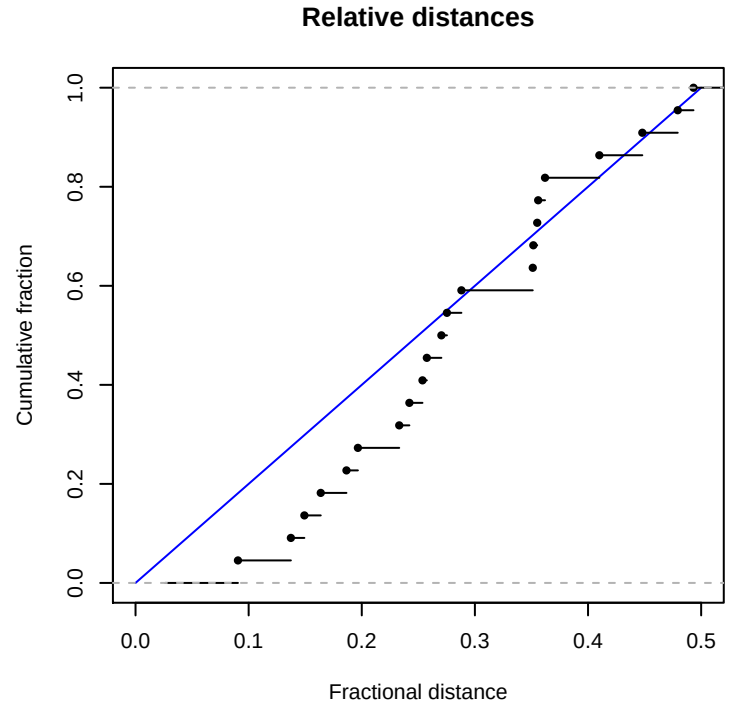




pcontig_016

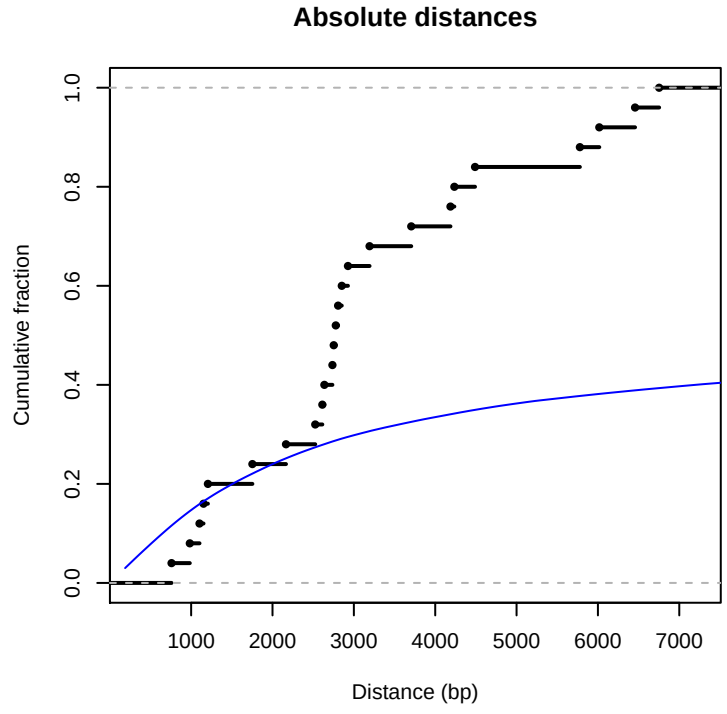
Query population : 22
Reference population : 257
Relative Ks p−value : 0.16908
Relative ecdf deviation area : 0.0448385
Relative ecdf area correlation : −0.154611
Relative ecdf deviation area p−value : 0.17
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0332945
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

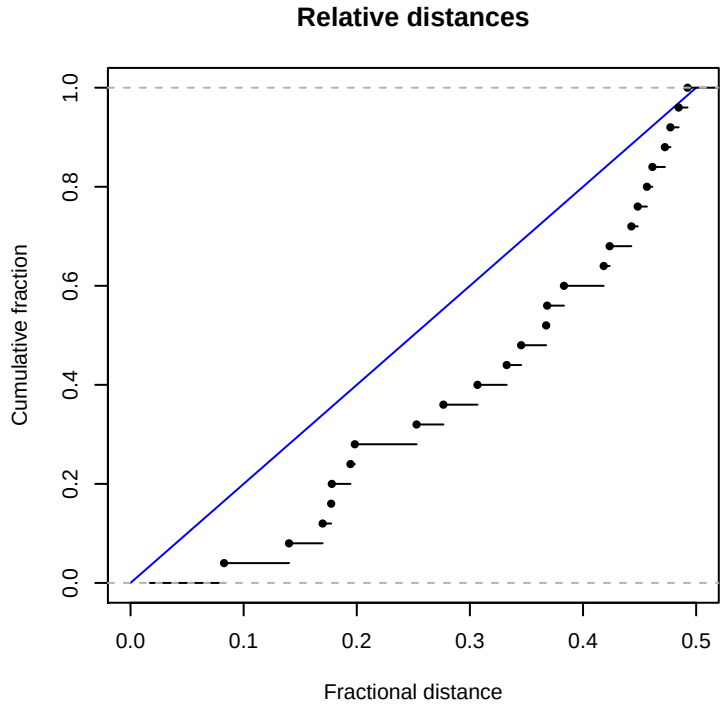




pcontig_017

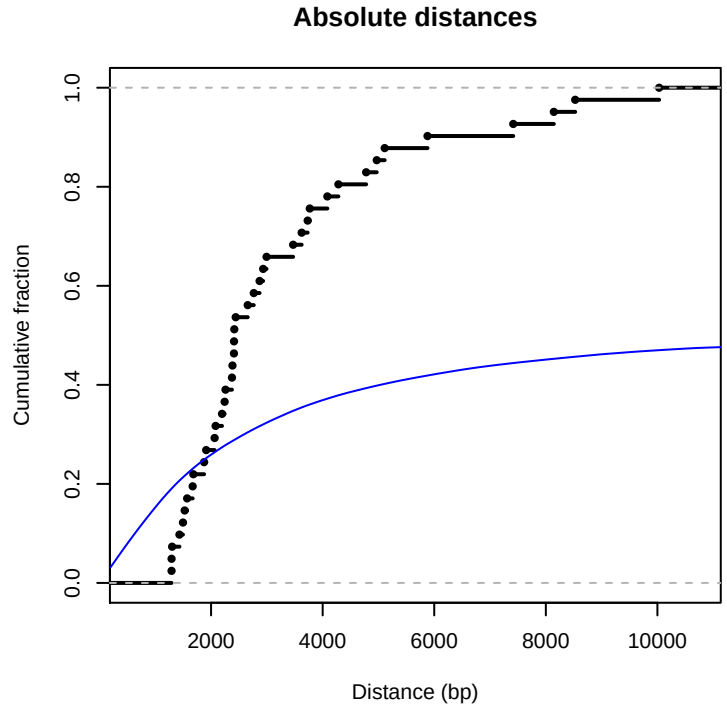
Query population : 25
Reference population : 244
Relative Ks p−value : 0.0486264
Relative ecdf deviation area : 0.0842857
Relative ecdf area correlation : −0.33612
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0341878
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

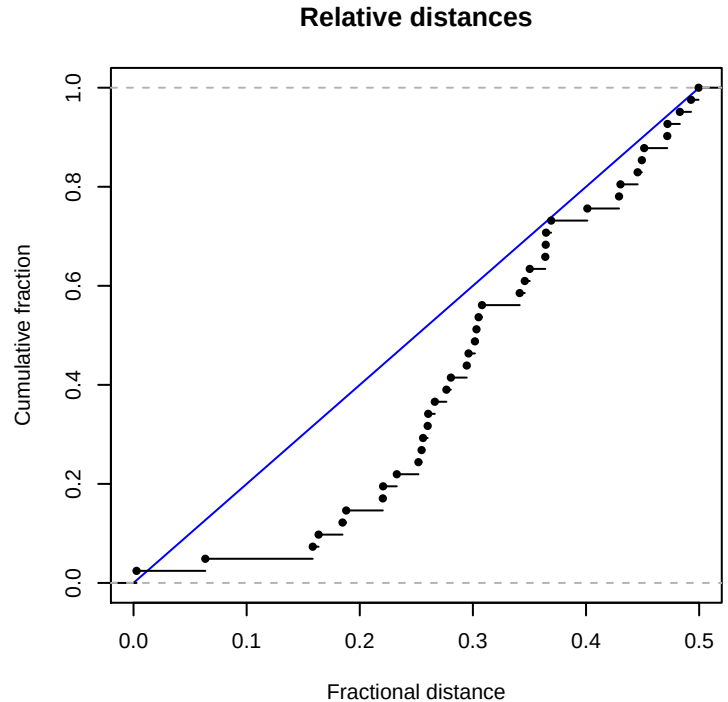




pcontig_018

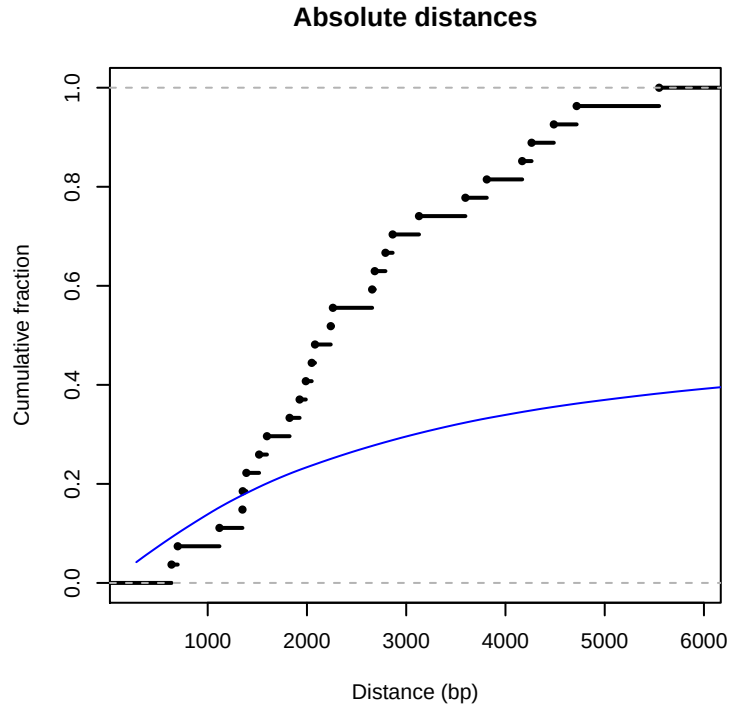
Query population : 41
Reference population : 245
Relative Ks p−value : 0.00121127
Relative ecdf deviation area : 0.0640596
Relative ecdf area correlation : −0.256157
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00613961
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

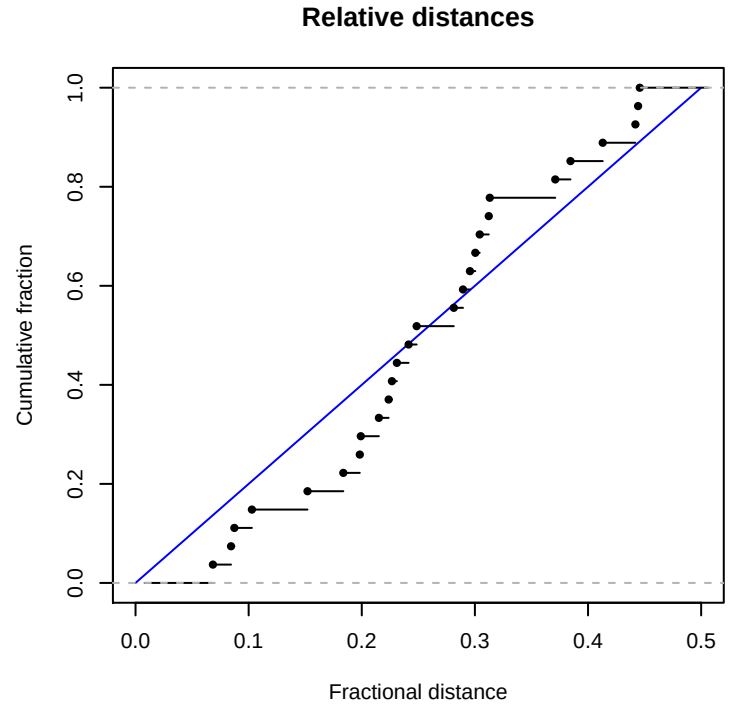




pcontig_019

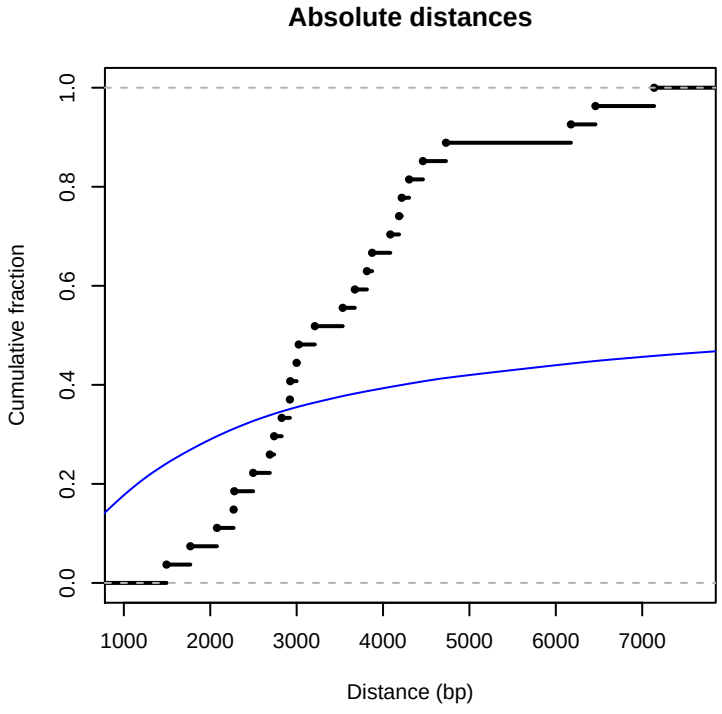
Query population : 27
Reference population : 229
Relative Ks p−value : 0.294676
Relative ecdf deviation area : 0.0379198
Relative ecdf area correlation : −0.0458509
Relative ecdf deviation area p−value : 0.23
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0440783
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

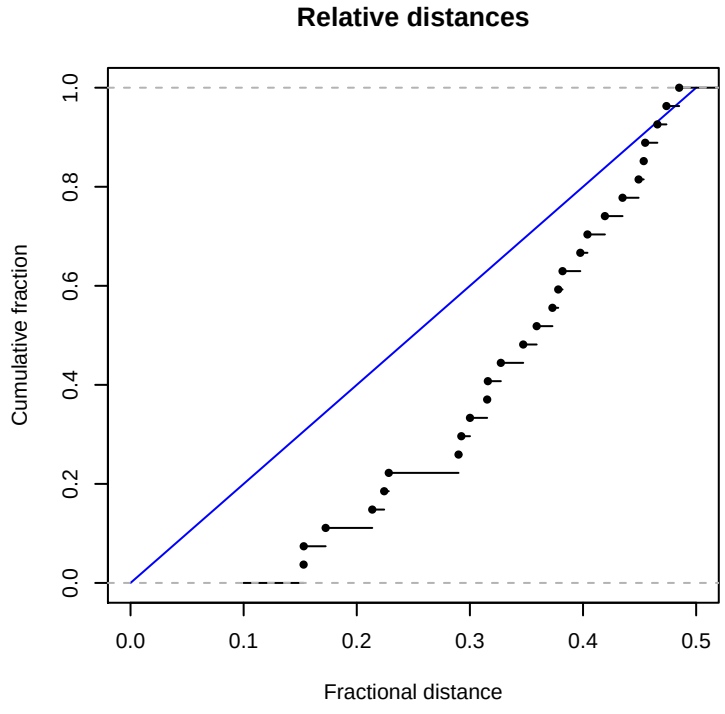




pcontig_020

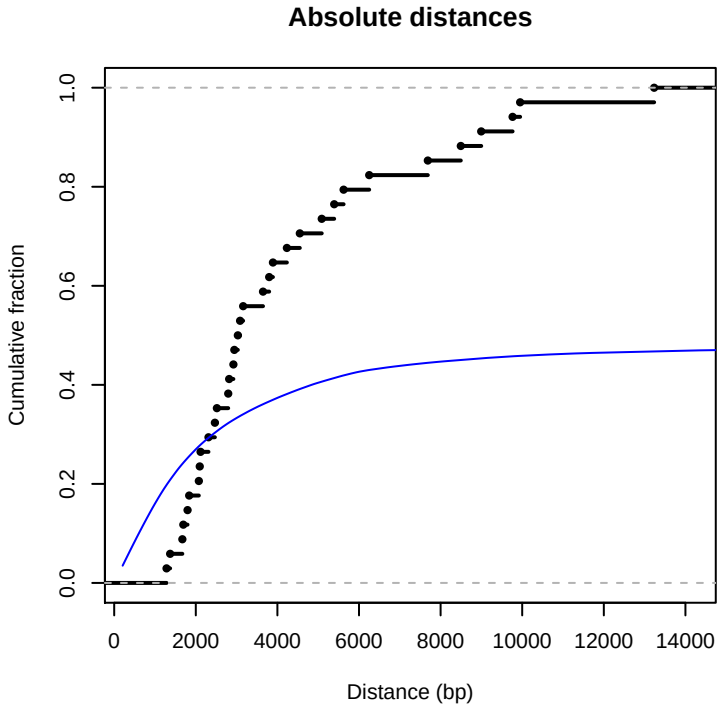
Query population : 27
Reference population : 287
Relative Ks p−value : 0.00134316
Relative ecdf deviation area : 0.0938111
Relative ecdf area correlation : −0.372275
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0161443
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

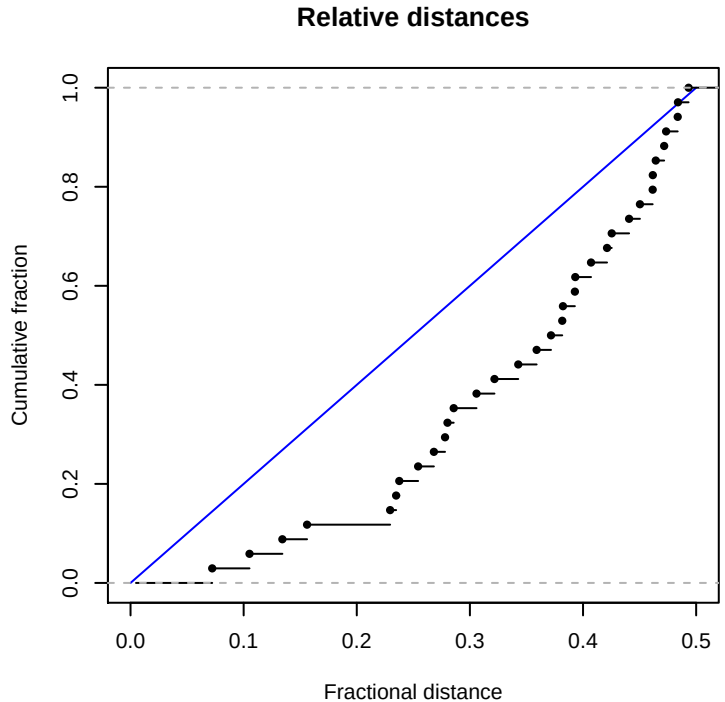




pcontig_021

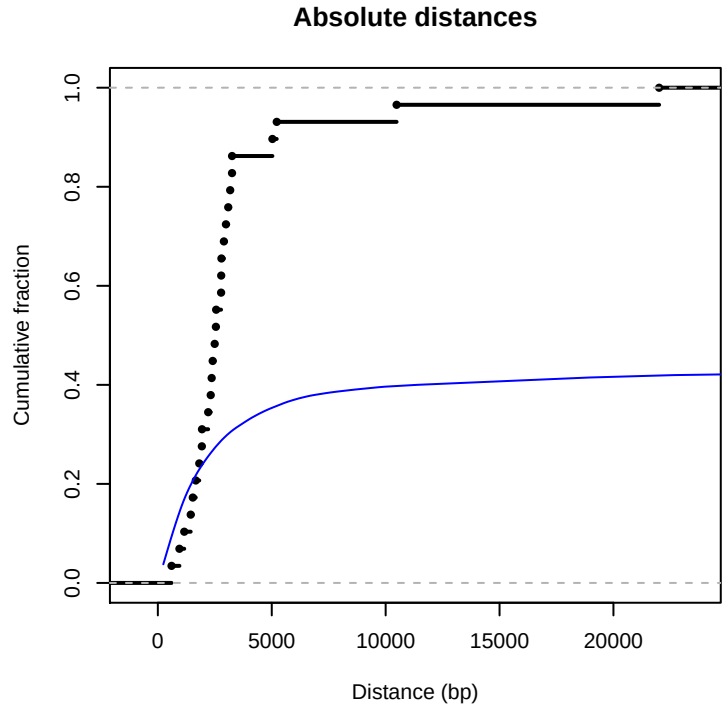
Query population : 34
Reference population : 258
Relative Ks p−value : 0.00048659
Relative ecdf deviation area : 0.0952519
Relative ecdf area correlation : −0.379407
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.00467114
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

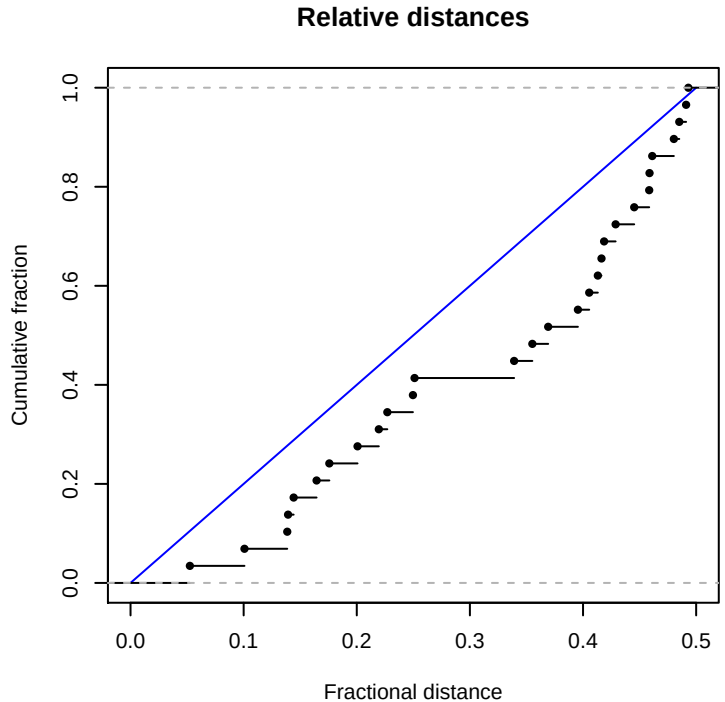




pcontig_022

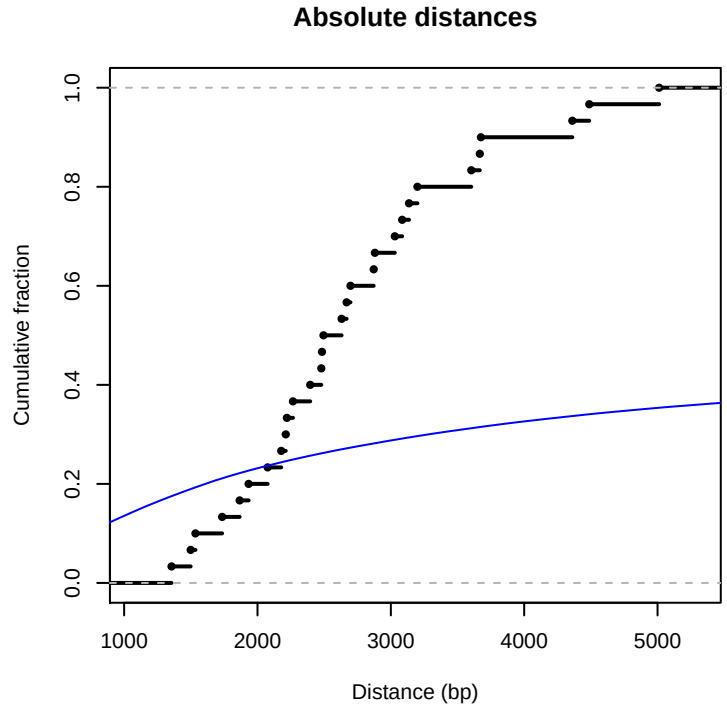
Query population : 29
Reference population : 241
Relative Ks p−value : 0.0206584
Relative ecdf deviation area : 0.0731245
Relative ecdf area correlation : −0.293503
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.020593
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

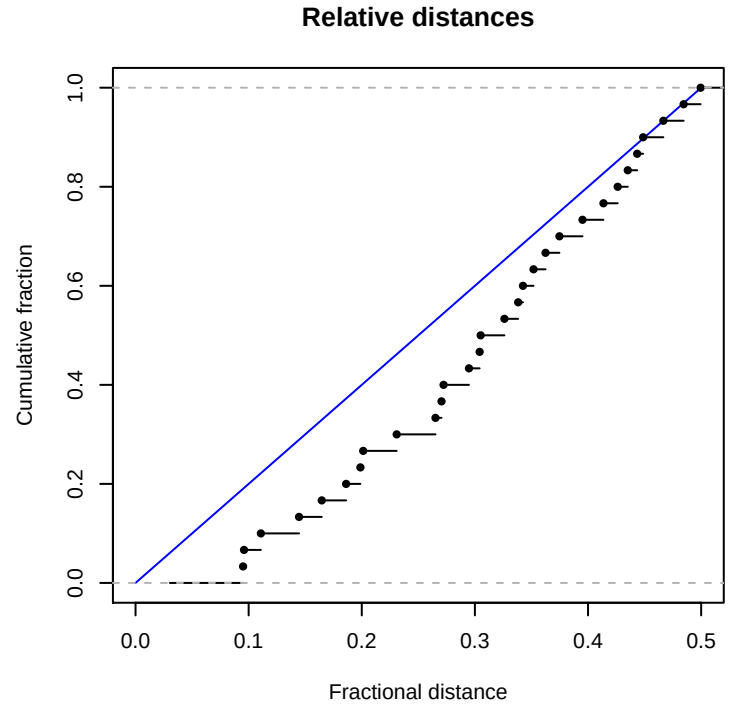




pcontig_023

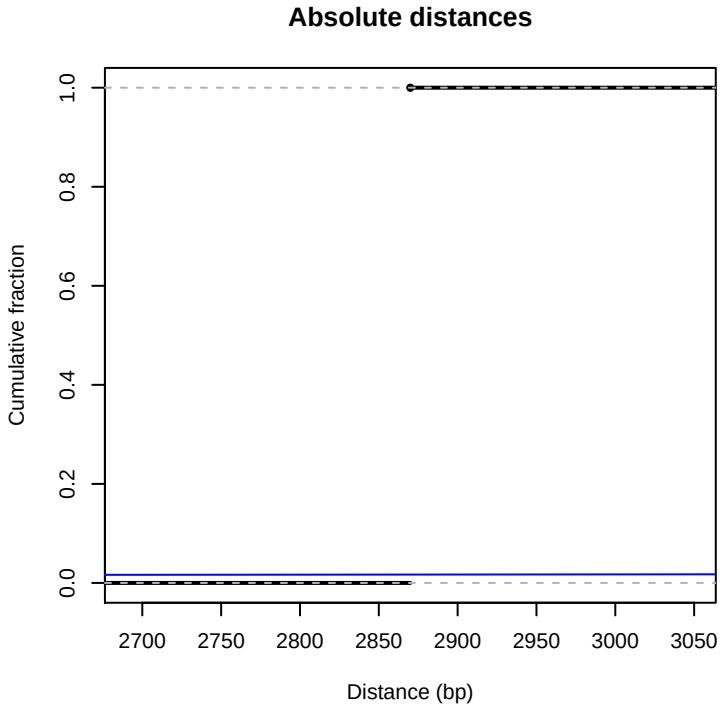
Query population : 30
Reference population : 221
Relative Ks p−value : 0.0699065
Relative ecdf deviation area : 0.0581059
Relative ecdf area correlation : −0.233166
Relative ecdf deviation area p−value : 0.03
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0216474
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

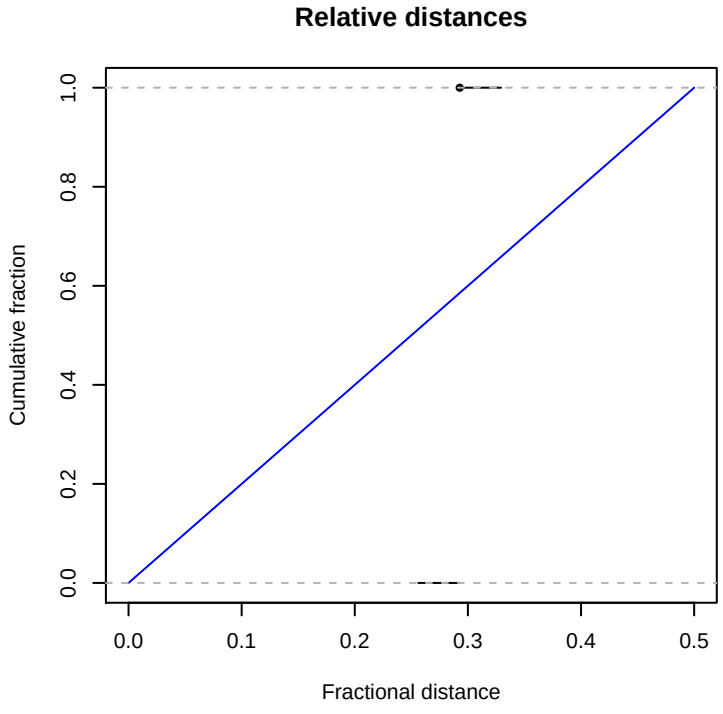




pcontig_024

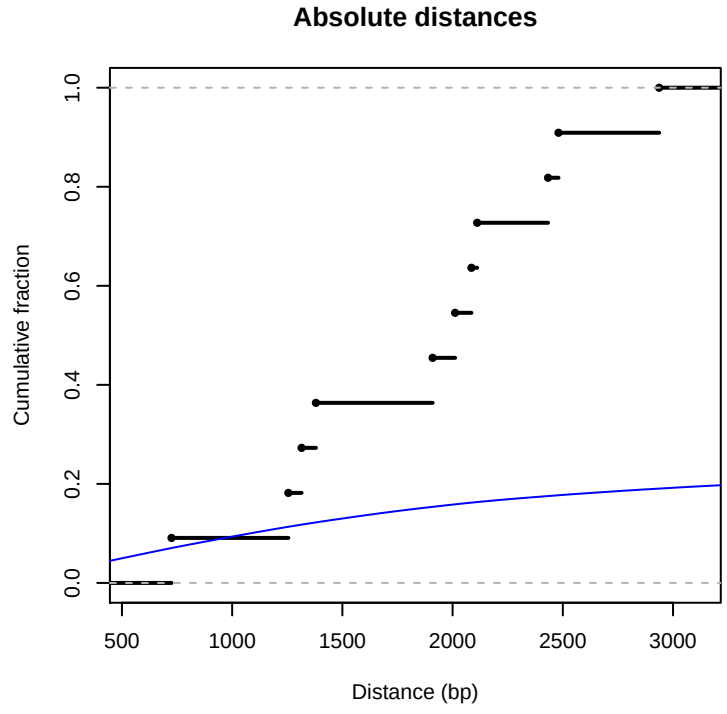
Query population : 1
Reference population : 16
Relative Ks p−value : 0.82899
Relative ecdf deviation area : 0.128637
Relative ecdf area correlation : −0.17101
Relative ecdf deviation area p−value : 0.8
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00771554
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

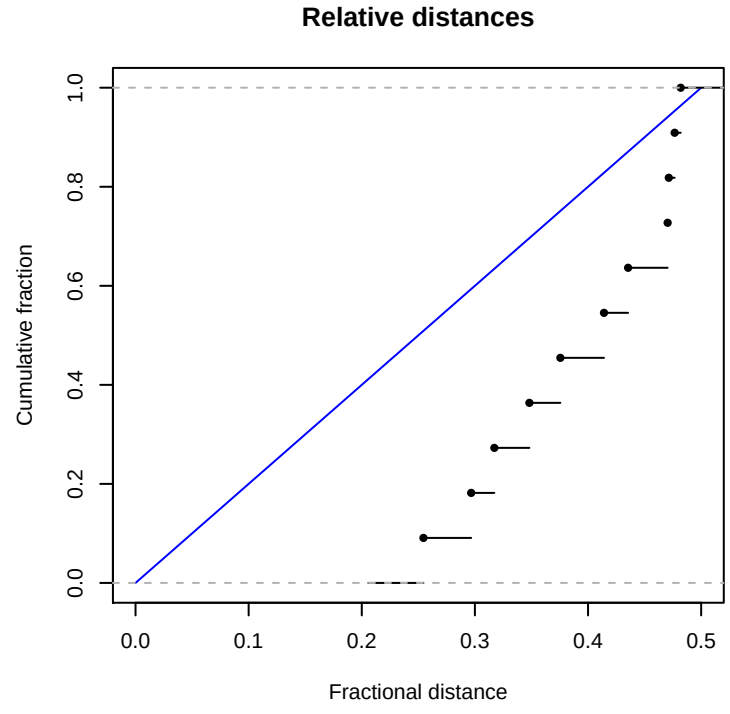




pcontig_025

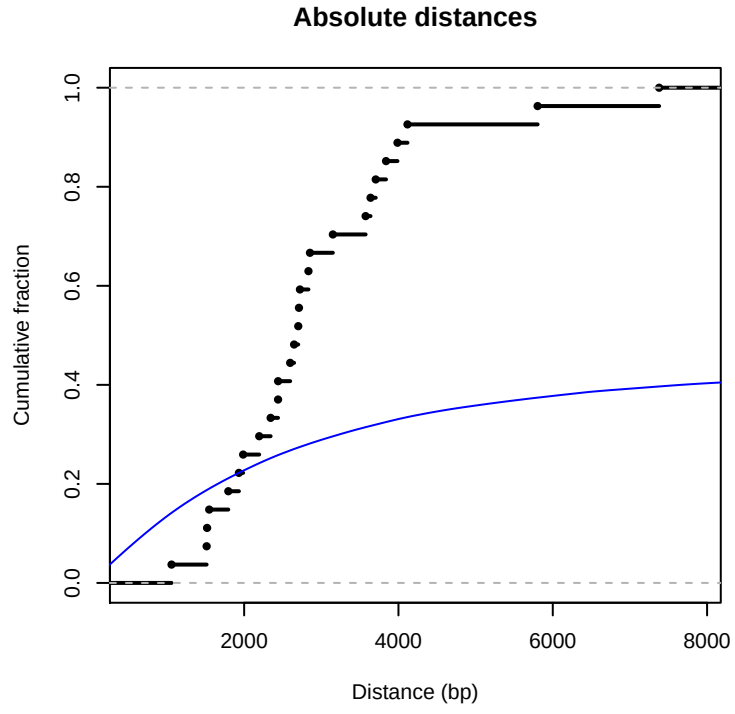
Query population : 11
Reference population : 158
Relative Ks p−value : 0.00362495
Relative ecdf deviation area : 0.145941
Relative ecdf area correlation : −0.578923
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.28
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.445334
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

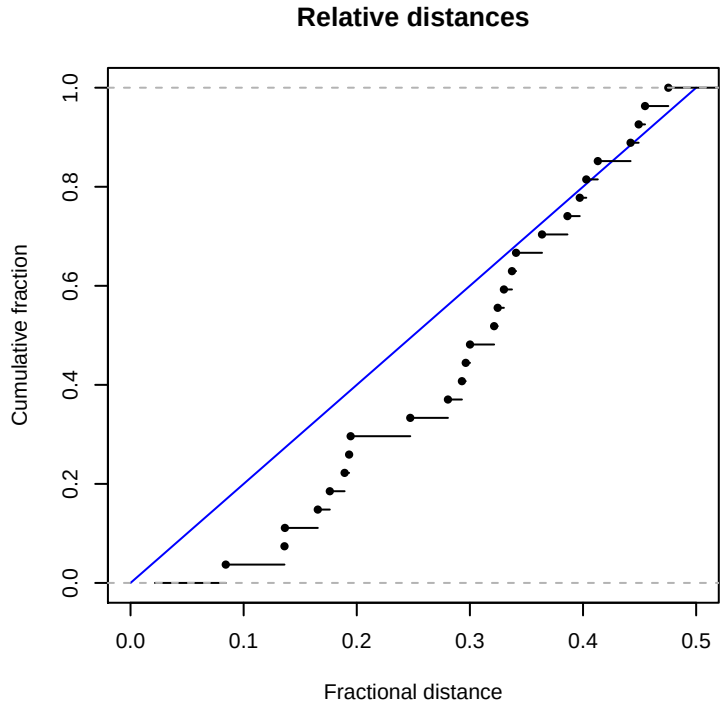




pcontig_026

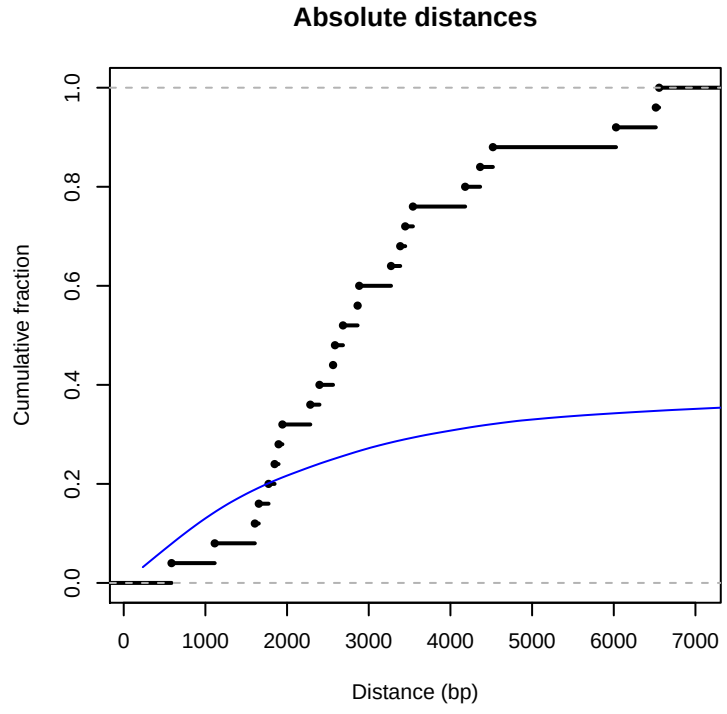
Query population : 27
Reference population : 220
Relative Ks p−value : 0.0850872
Relative ecdf deviation area : 0.0543743
Relative ecdf area correlation : −0.204624
Relative ecdf deviation area p−value : 0.0600000000000001
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0642314
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

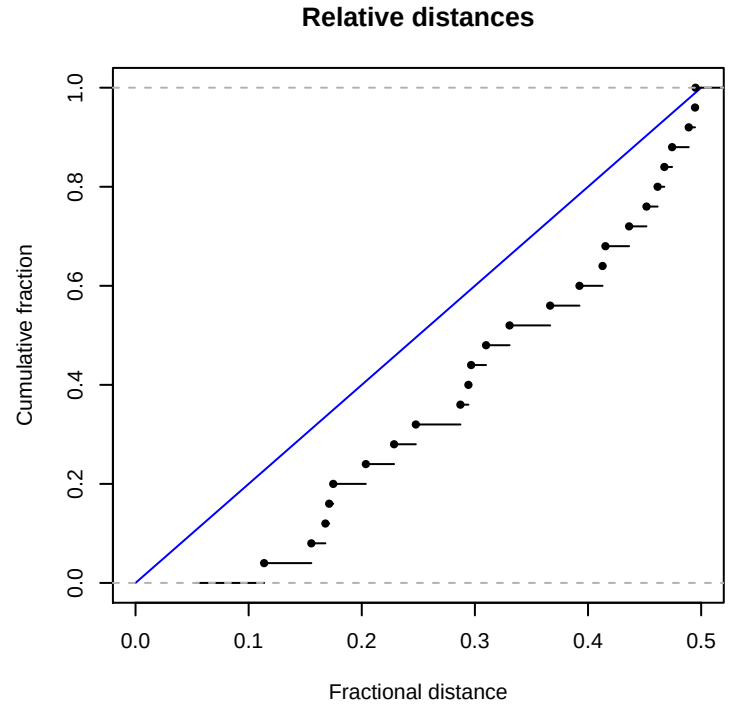




pcontig_027

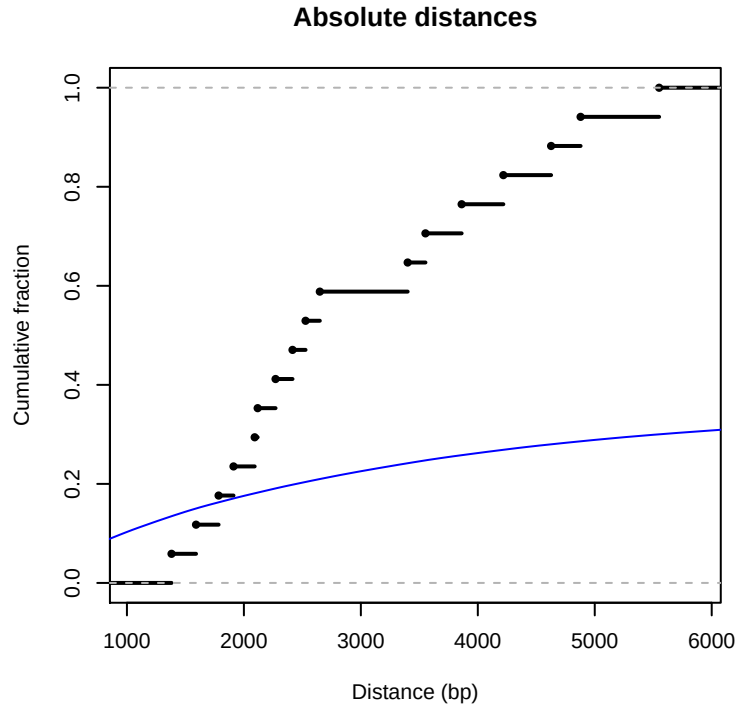
Query population : 25
Reference population : 209
Relative Ks p−value : 0.0413338
Relative ecdf deviation area : 0.0838797
Relative ecdf area correlation : −0.334186
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.0694587
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

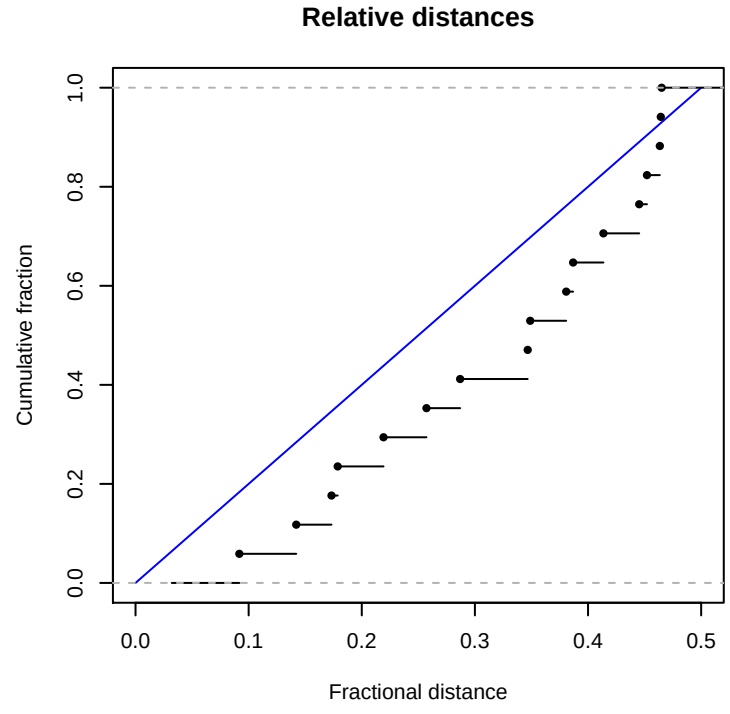




pcontig_028

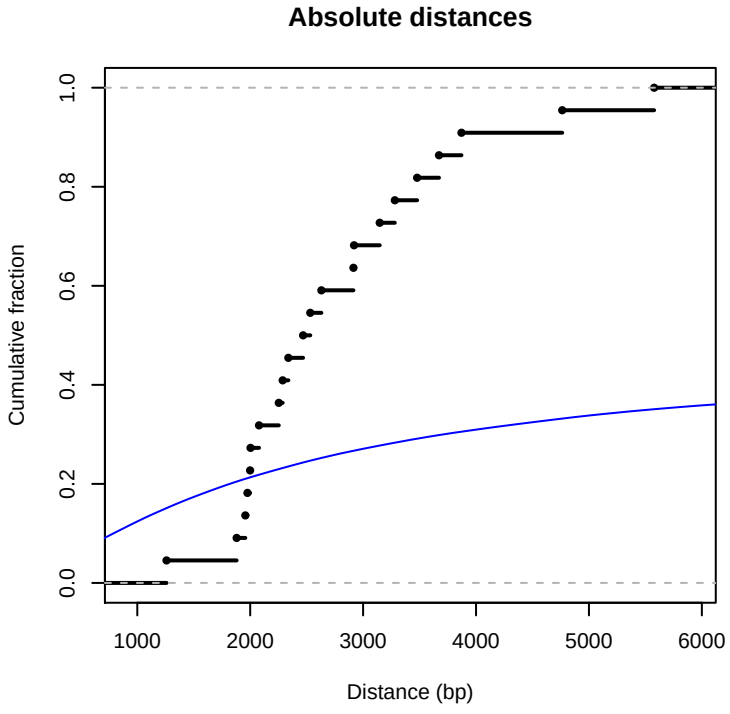
Query population : 17
Reference population : 166
Relative Ks p−value : 0.110158
Relative ecdf deviation area : 0.0771597
Relative ecdf area correlation : −0.2979
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.04
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.149663
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

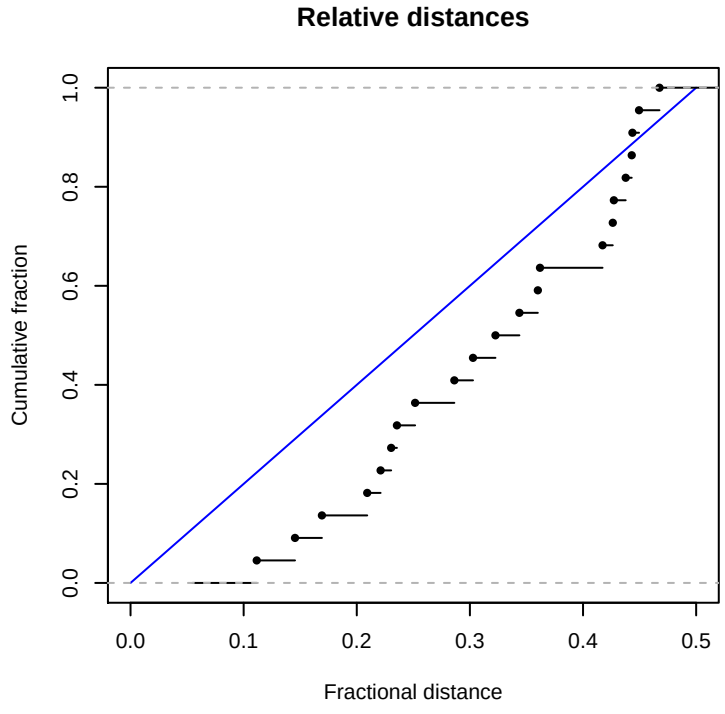




pcontig_029

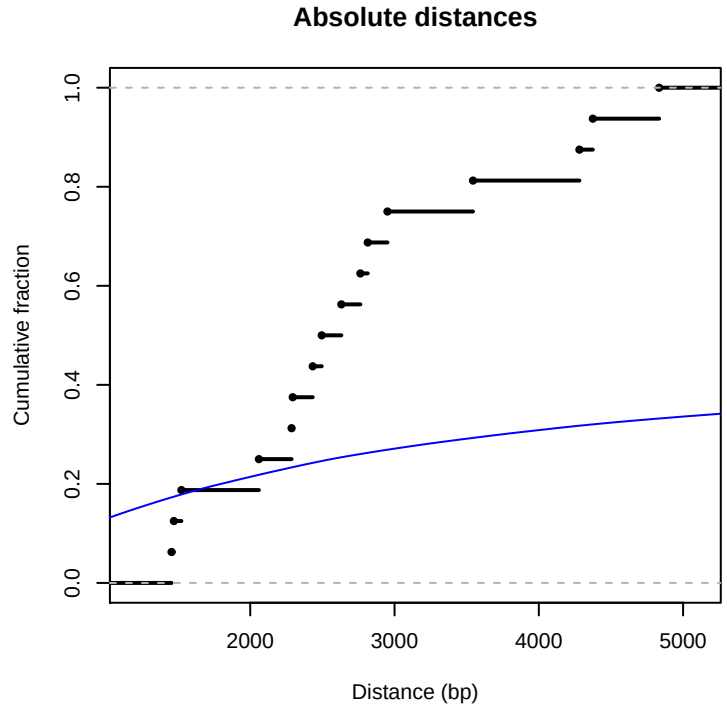
Query population : 22
Reference population : 201
Relative Ks p−value : 0.0484392
Relative ecdf deviation area : 0.0752181
Relative ecdf area correlation : −0.284291
Relative ecdf deviation area p−value : 0.03
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.125883
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

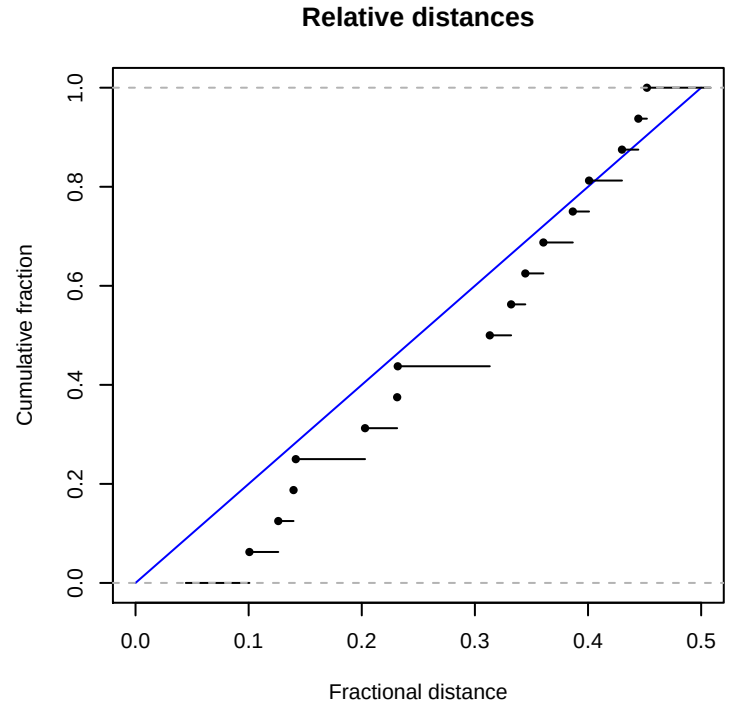




pcontig_030

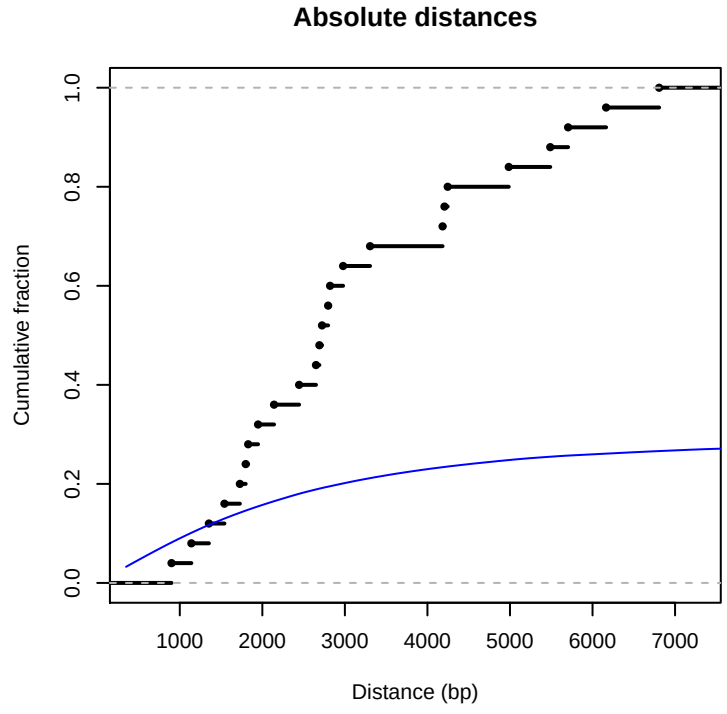
Query population : 16
Reference population : 211
Relative Ks p−value : 0.474876
Relative ecdf deviation area : 0.0449861
Relative ecdf area correlation : −0.159615
Relative ecdf deviation area p−value : 0.24
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.13
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.174375
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

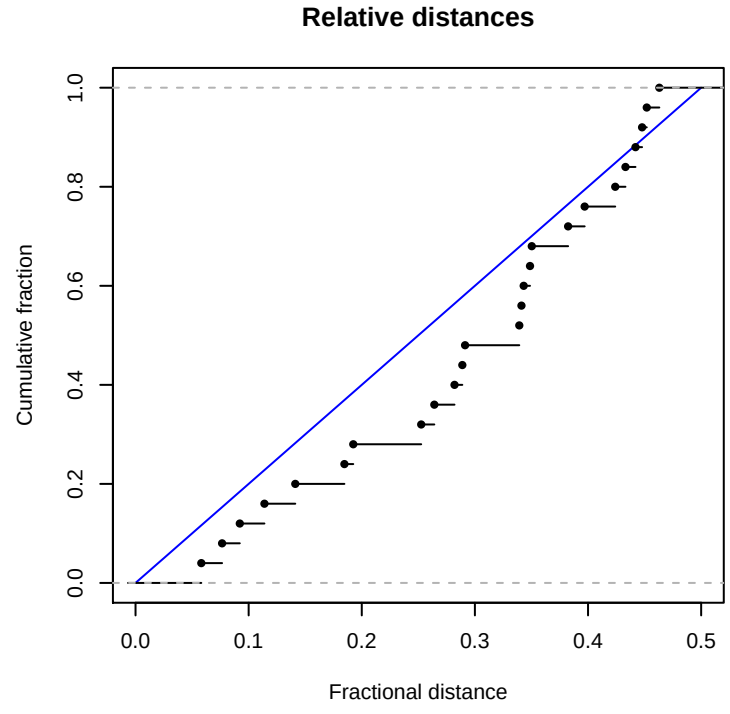




pcontig_031

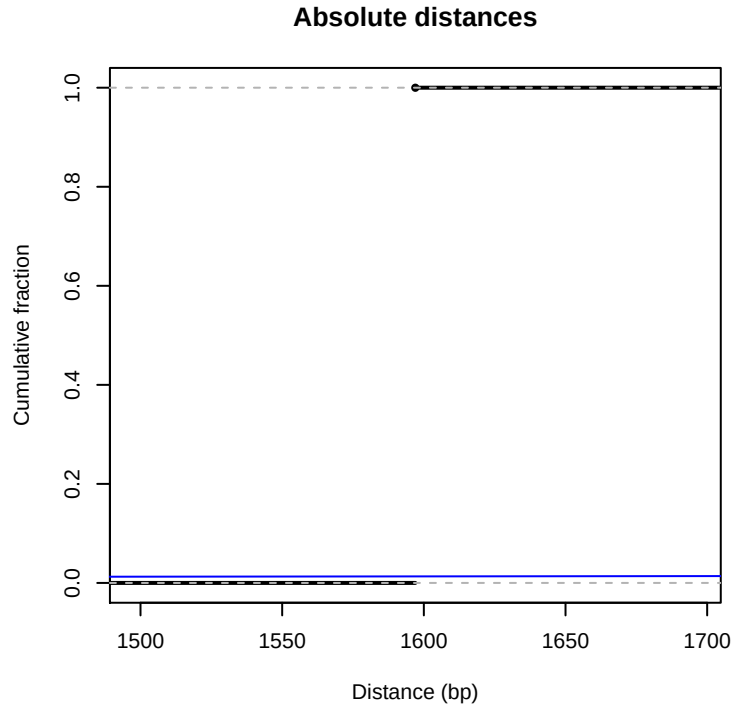
Query population : 25
Reference population : 143
Relative Ks p−value : 0.135684
Relative ecdf deviation area : 0.0498938
Relative ecdf area correlation : −0.184288
Relative ecdf deviation area p−value : 0.11
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.142063
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

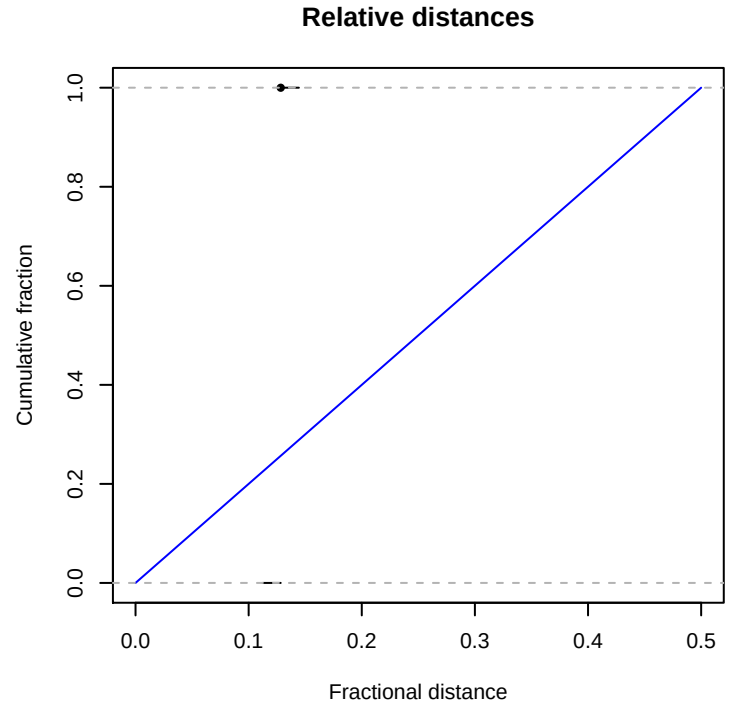




pcontig_032

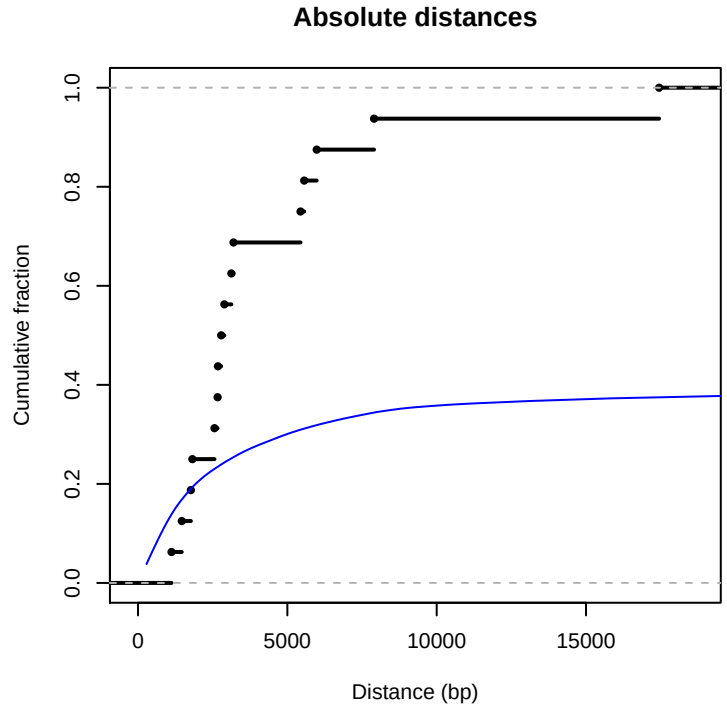
Query population : 1
Reference population : 17
Relative Ks p−value : 0.513422
Relative ecdf deviation area : 0.154881
Relative ecdf area correlation : 0.486578
Relative ecdf deviation area p−value : 0.51
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure 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

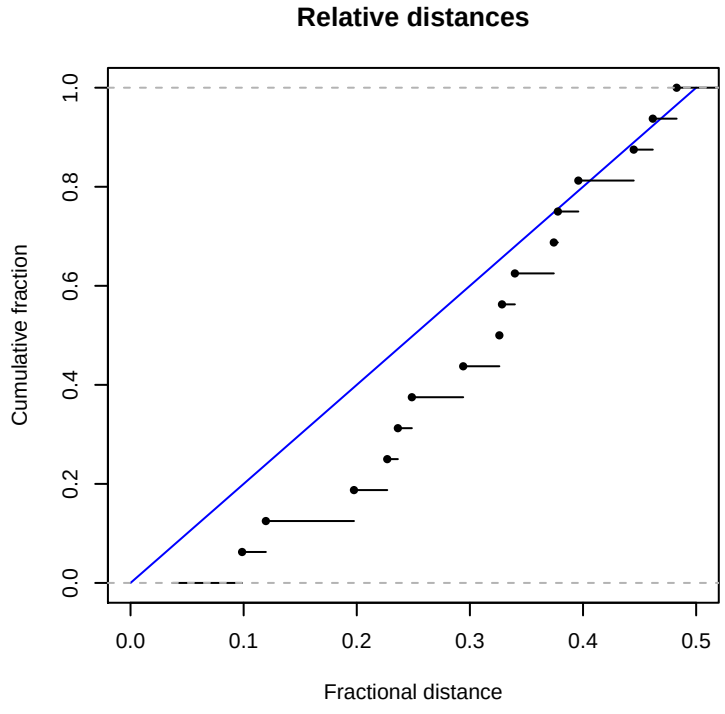




pcontig_033

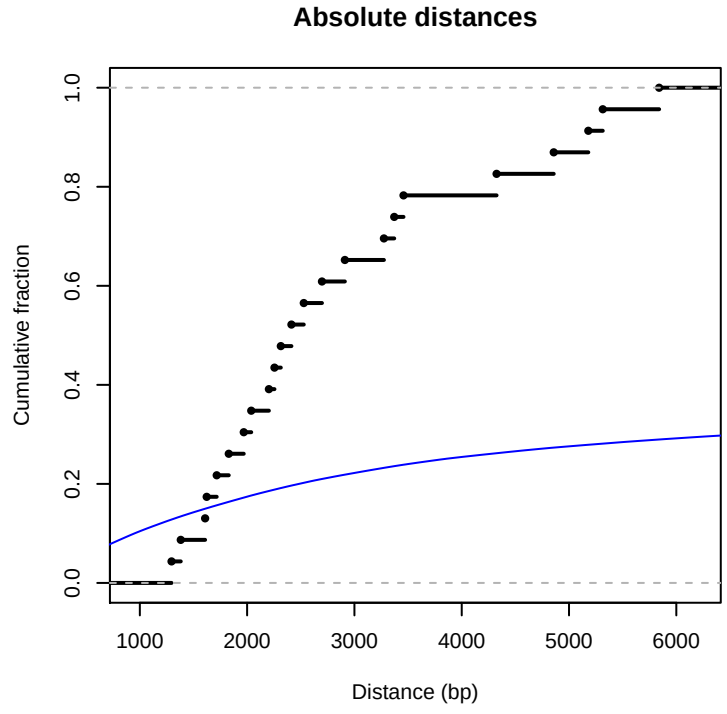
Query population : 16
Reference population : 205
Relative Ks p−value : 0.160518
Relative ecdf deviation area : 0.060213
Relative ecdf area correlation : −0.238251
Relative ecdf deviation area p−value : 0.08
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.11
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.210996
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

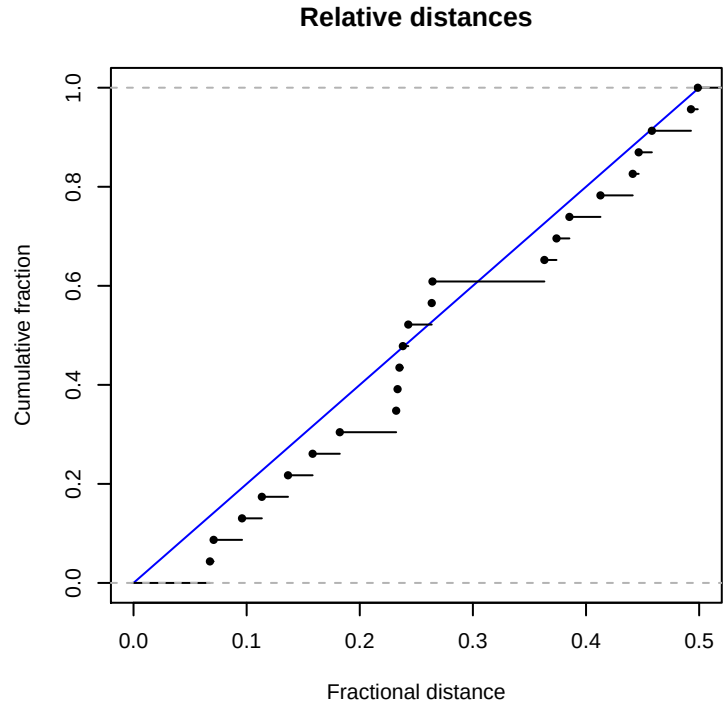




pcontig_034

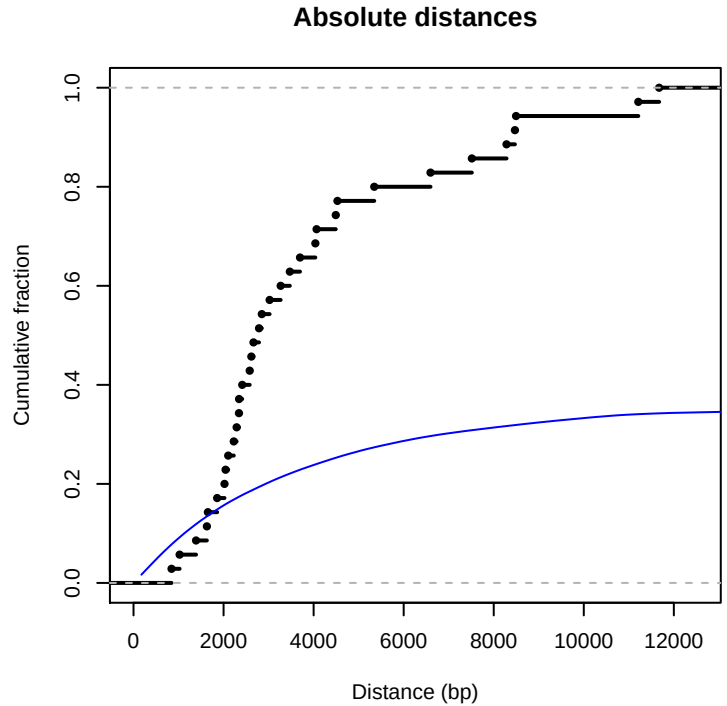
Query population : 23
Reference population : 172
Relative Ks p−value : 0.545166
Relative ecdf deviation area : 0.0320505
Relative ecdf area correlation : −0.114276
Relative ecdf deviation area p−value : 0.46
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.07
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.15669
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

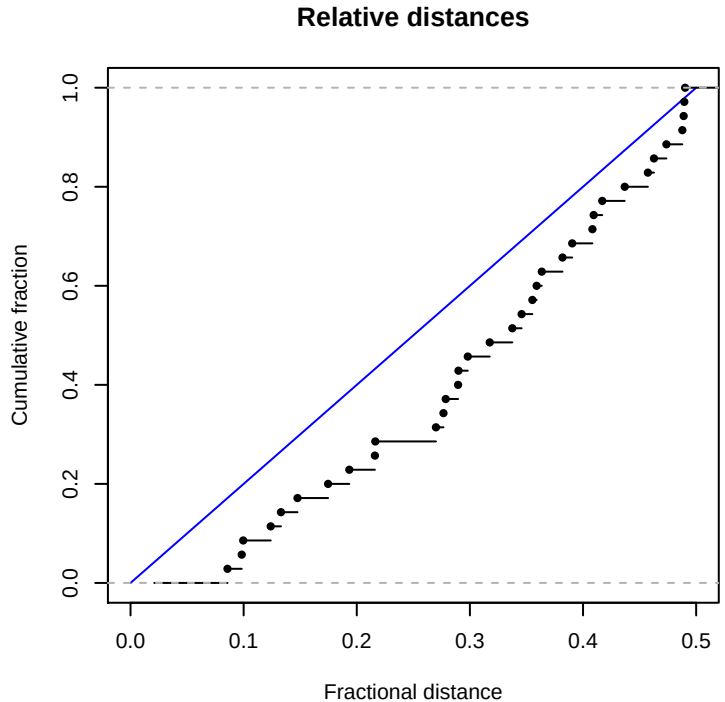




pcontig_035

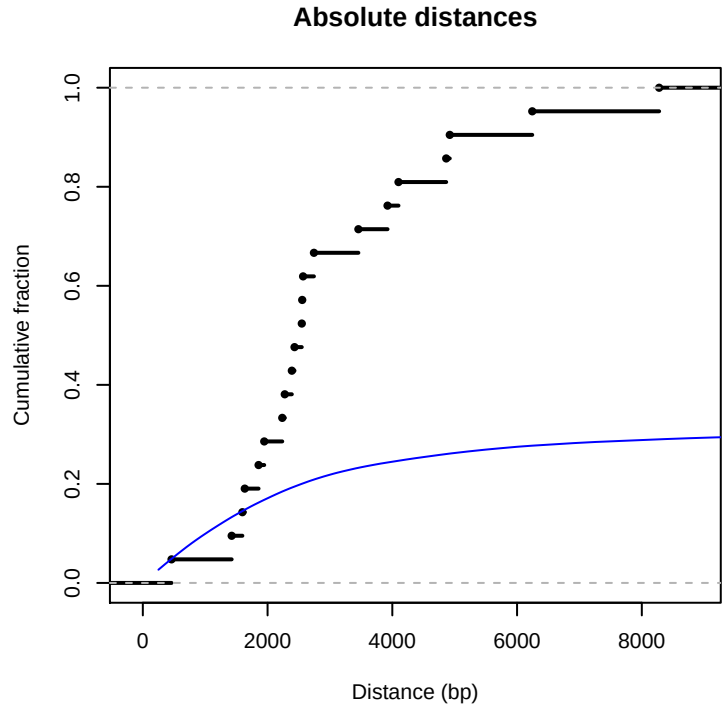
Query population : 35
Reference population : 146
Relative Ks p−value : 0.0175787
Relative ecdf deviation area : 0.0660345
Relative ecdf area correlation : −0.264469
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.069931
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

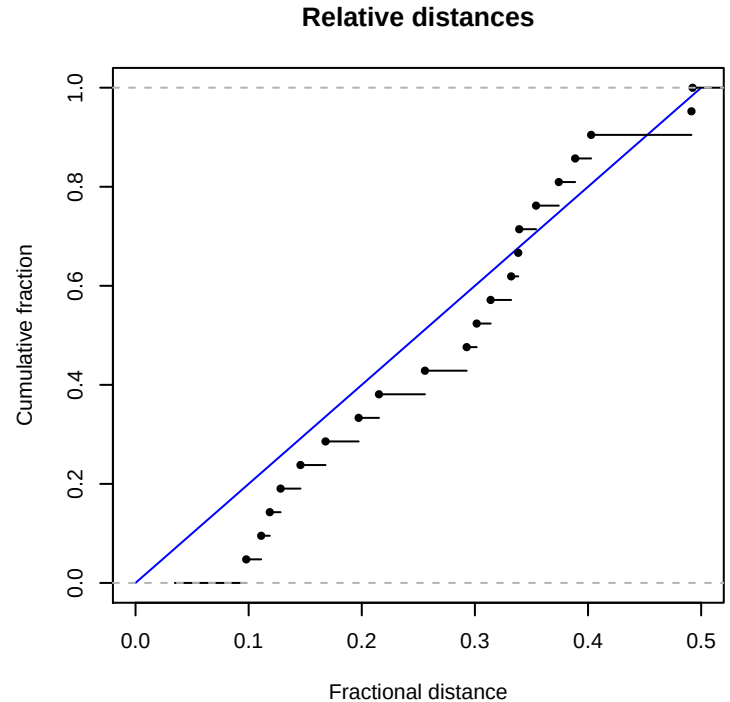




pcontig_036

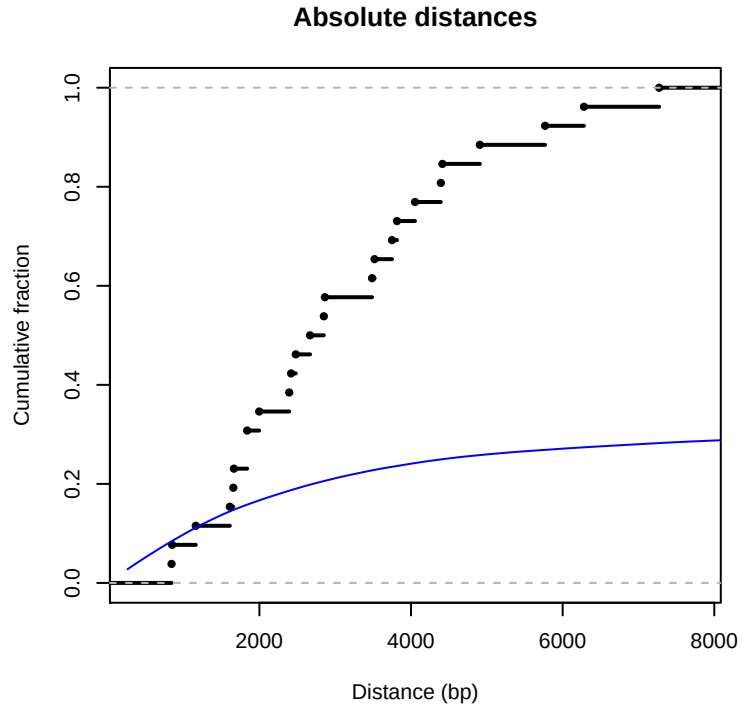
Query population : 21
Reference population : 163
Relative Ks p−value : 0.350295
Relative ecdf deviation area : 0.0416047
Relative ecdf area correlation : −0.116012
Relative ecdf deviation area p−value : 0.2
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.07
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.181296
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

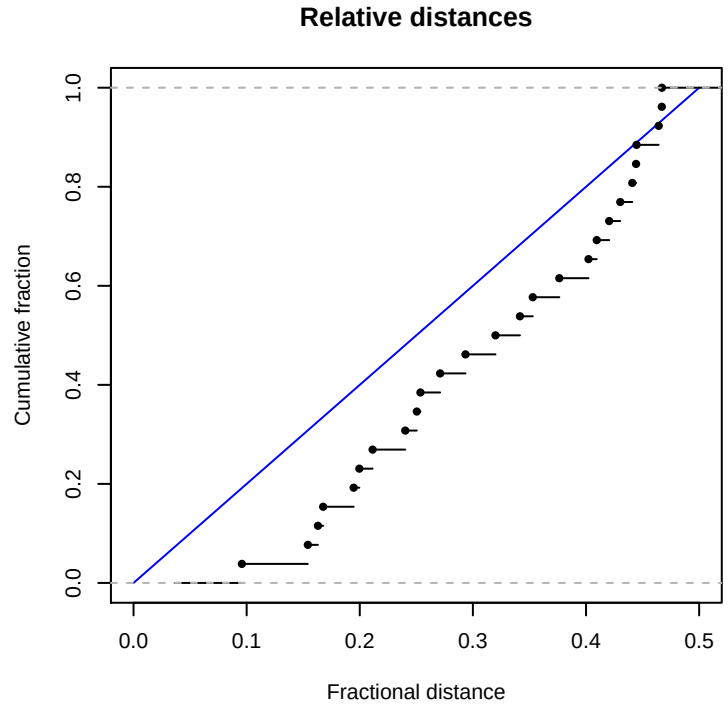




pcontig_037

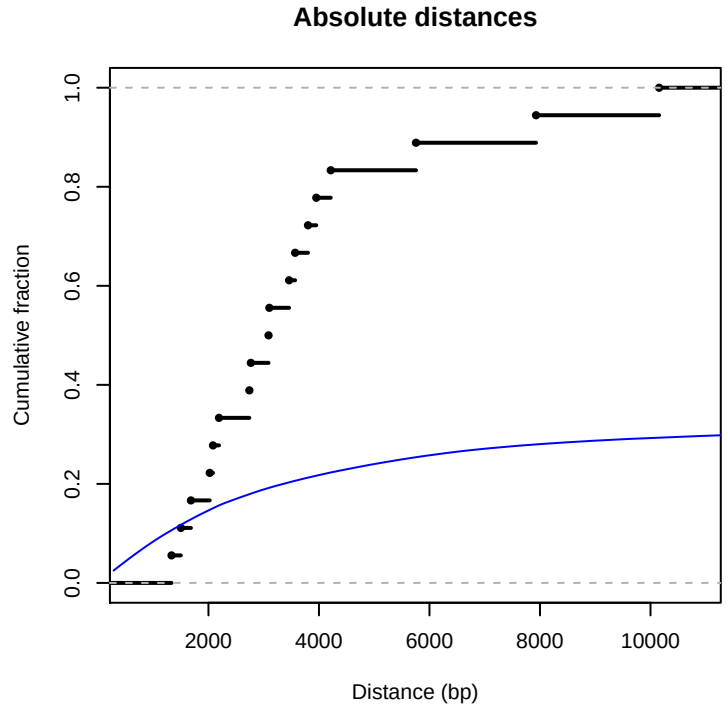
Query population : 26
Reference population : 162
Relative Ks p−value : 0.0368025
Relative ecdf deviation area : 0.0704187
Relative ecdf area correlation : −0.273232
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.101075
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

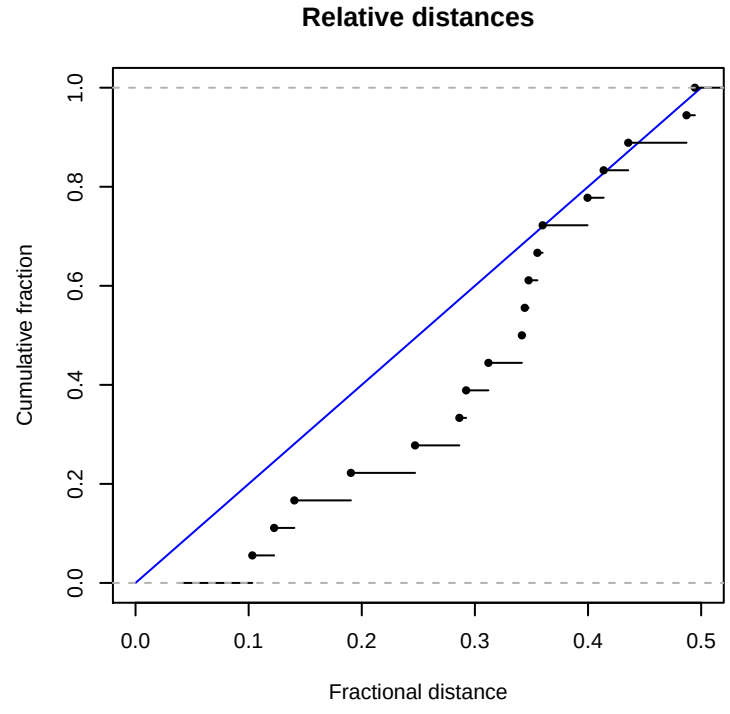




pcontig_039

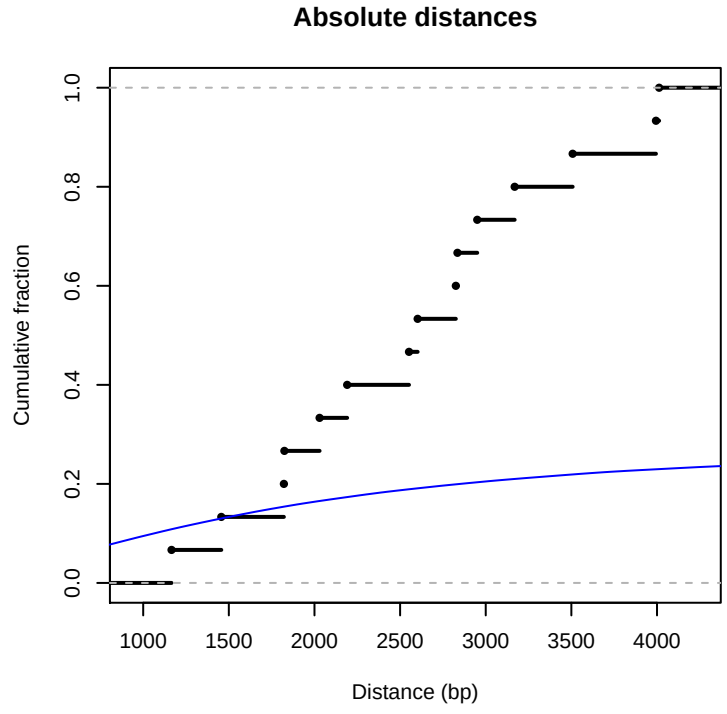
Query population : 18
Reference population : 135
Relative Ks p−value : 0.0700924
Relative ecdf deviation area : 0.0644735
Relative ecdf area correlation : −0.260609
Relative ecdf deviation area p−value : 0.05
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.07
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.190578
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

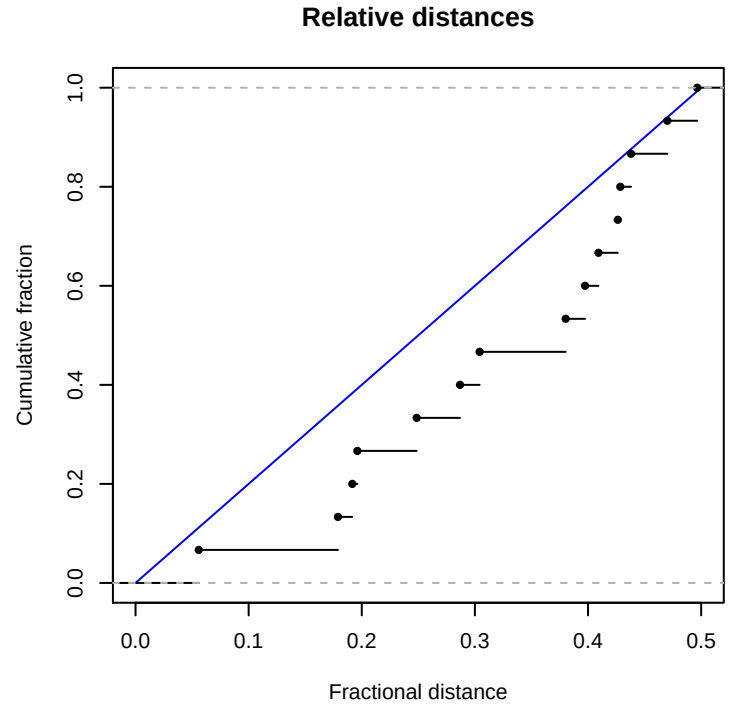




pcontig_040

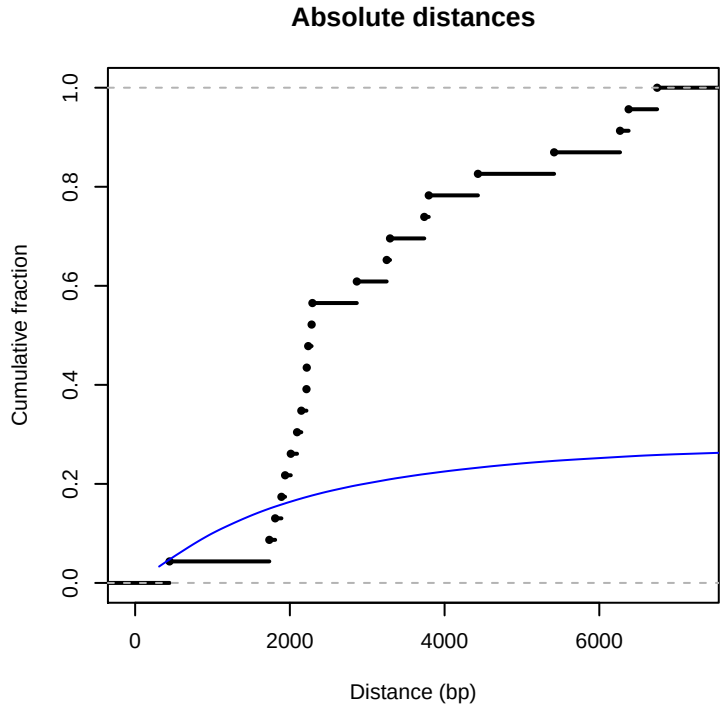
Query population : 15
Reference population : 151
Relative Ks p−value : 0.121424
Relative ecdf deviation area : 0.0772584
Relative ecdf area correlation : −0.308911
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.16
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.279151
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

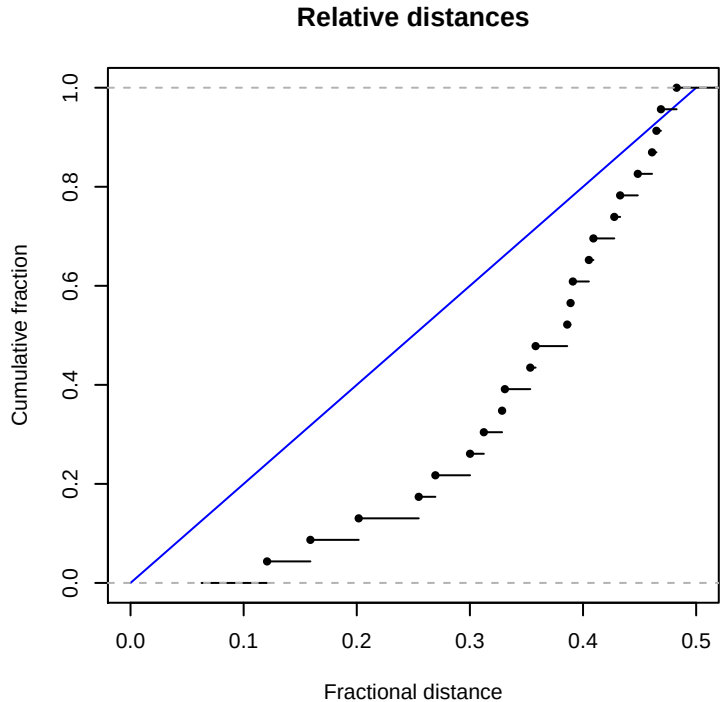




pcontig_041

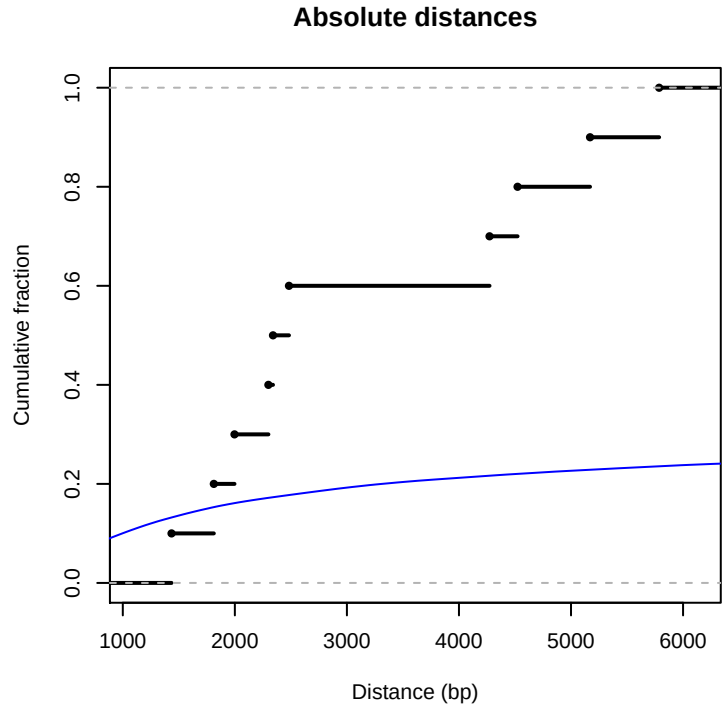
Query population : 23
Reference population : 164
Relative Ks p−value : 0.00152777
Relative ecdf deviation area : 0.10585
Relative ecdf area correlation : −0.418374
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.138388
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

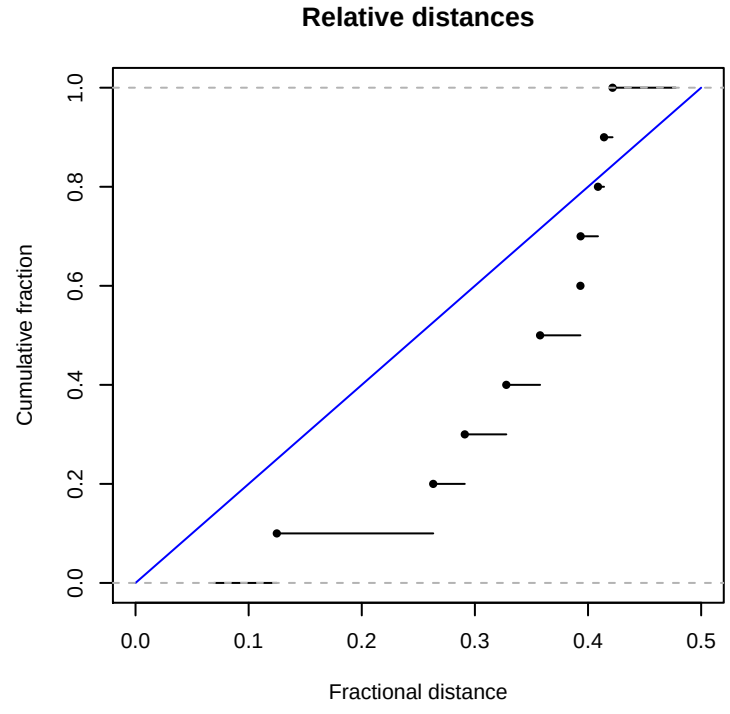




pcontig_042

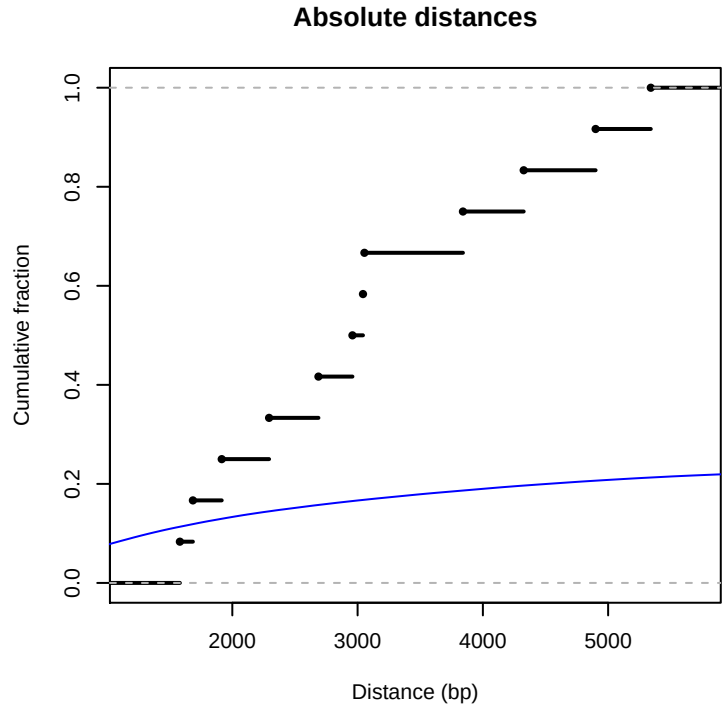
Query population : 10
Reference population : 165
Relative Ks p−value : 0.0364231
Relative ecdf deviation area : 0.102689
Relative ecdf area correlation : −0.358338
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.22
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.432382
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

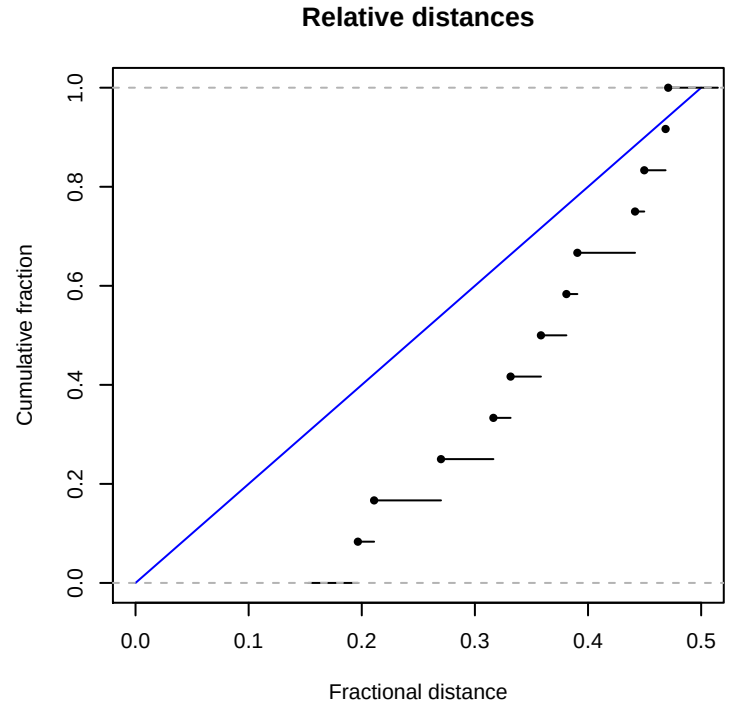




pcontig_043

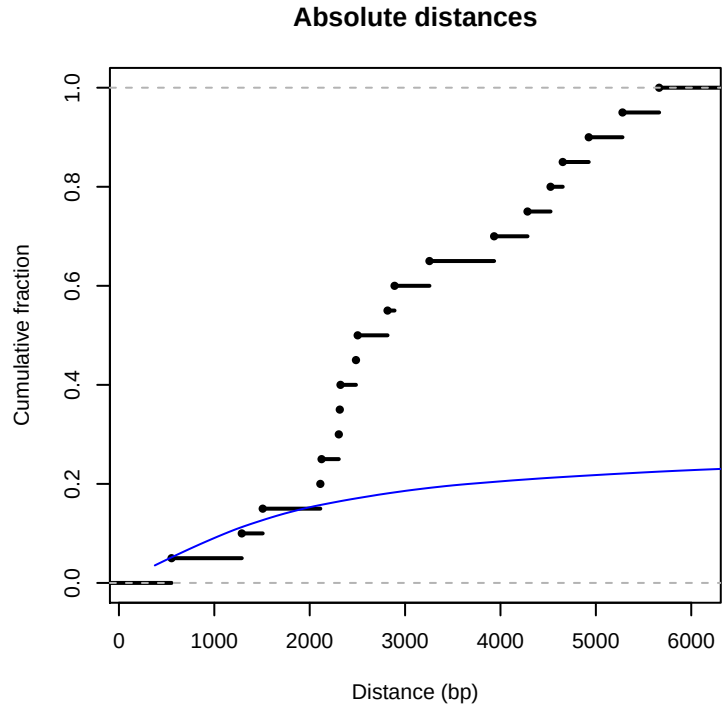
Query population : 12
Reference population : 122
Relative Ks p−value : 0.035008
Relative ecdf deviation area : 0.108377
Relative ecdf area correlation : −0.428656
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.35
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.460128
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

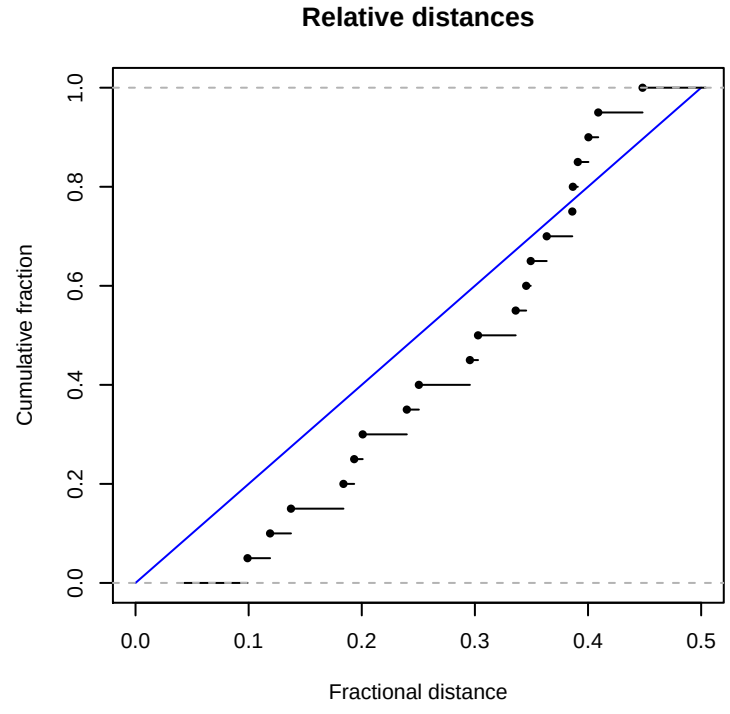




pcontig_044

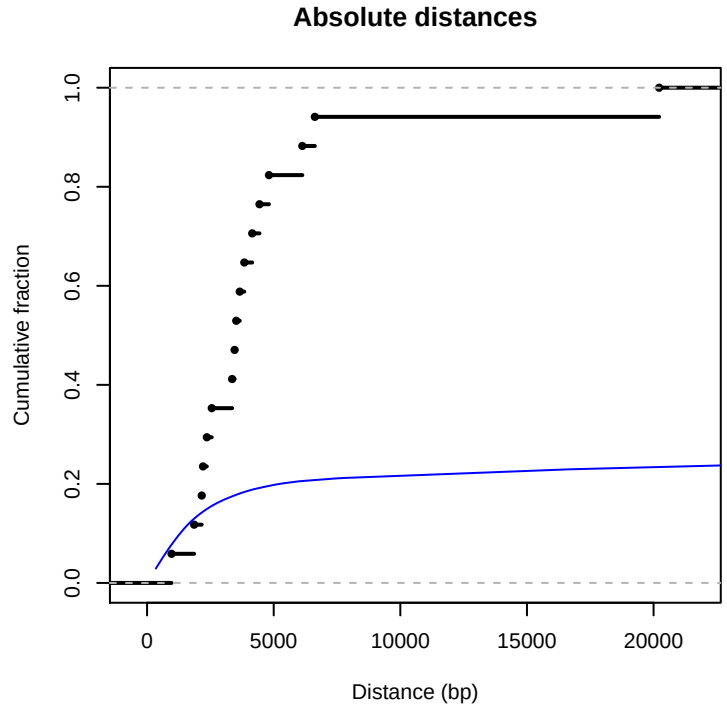
Query population : 20
Reference population : 144
Relative Ks p−value : 0.259884
Relative ecdf deviation area : 0.0574746
Relative ecdf area correlation : −0.167477
Relative ecdf deviation area p−value : 0.09
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.15
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.196048
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

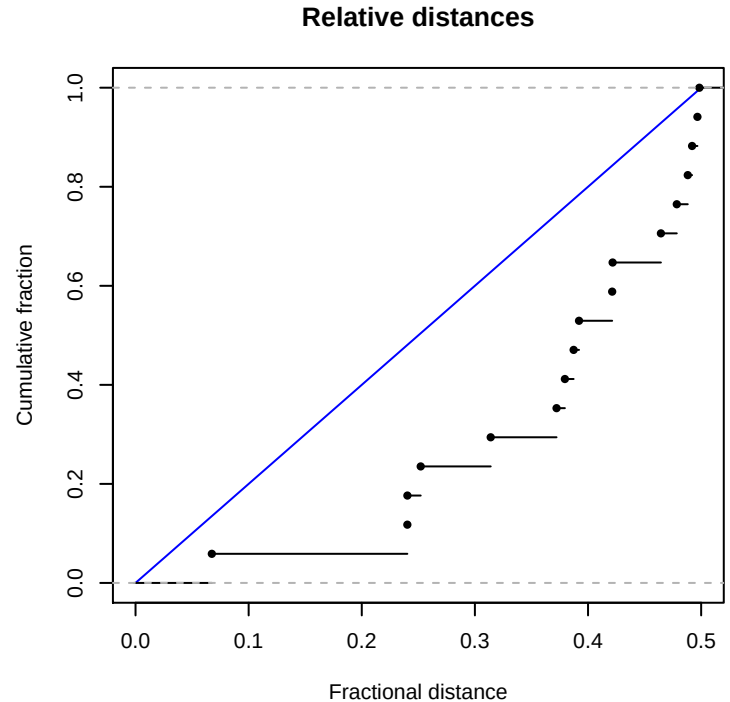




pcontig_045

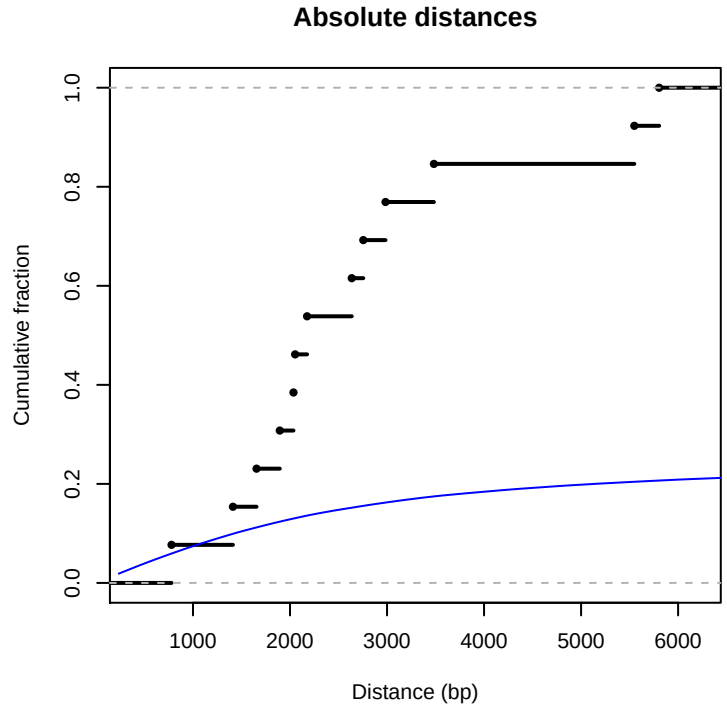
Query population : 17
Reference population : 128
Relative Ks p−value : 0.00115362
Relative ecdf deviation area : 0.126385
Relative ecdf area correlation : −0.507395
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.12
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.285434
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

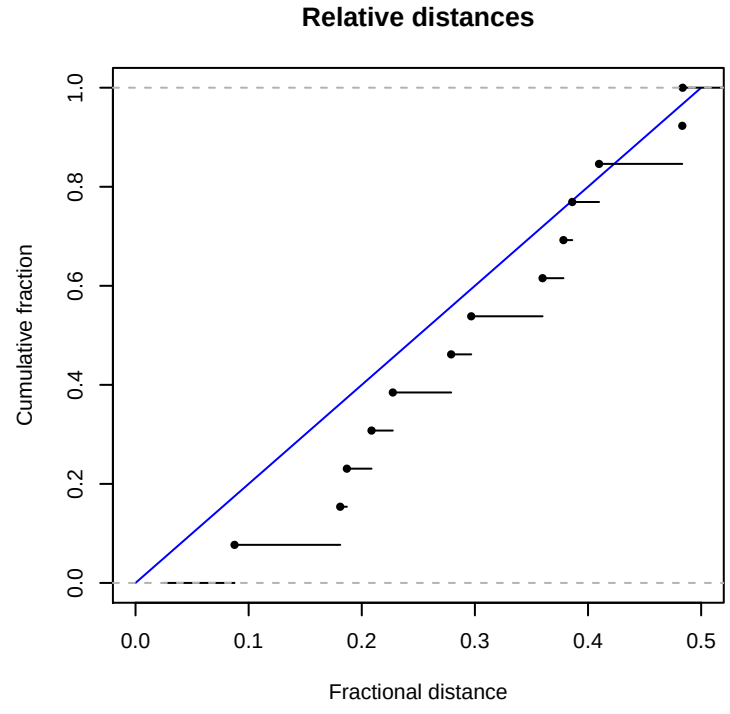




pcontig_046

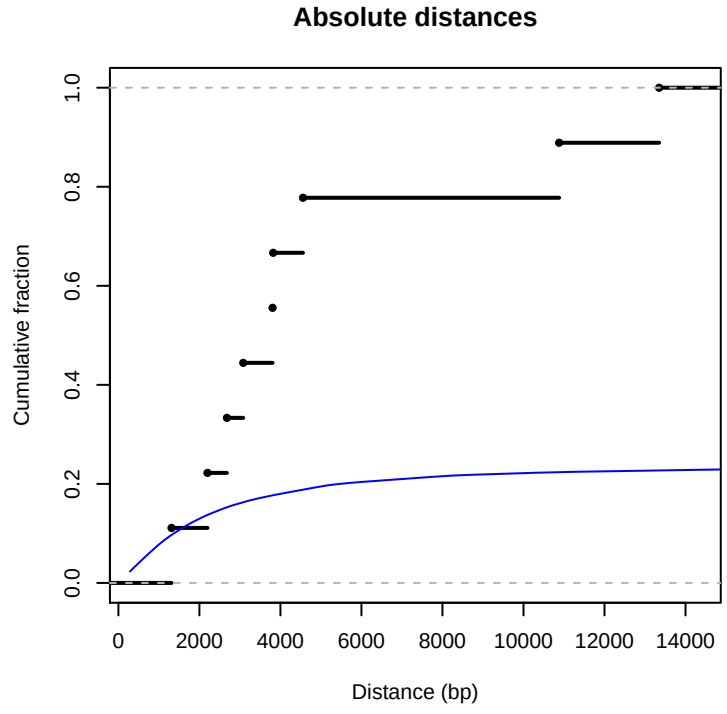
Query population : 13
Reference population : 122
Relative Ks p−value : 0.199062
Relative ecdf deviation area : 0.0560879
Relative ecdf area correlation : −0.220917
Relative ecdf deviation area p−value : 0.24
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.35
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.45568
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

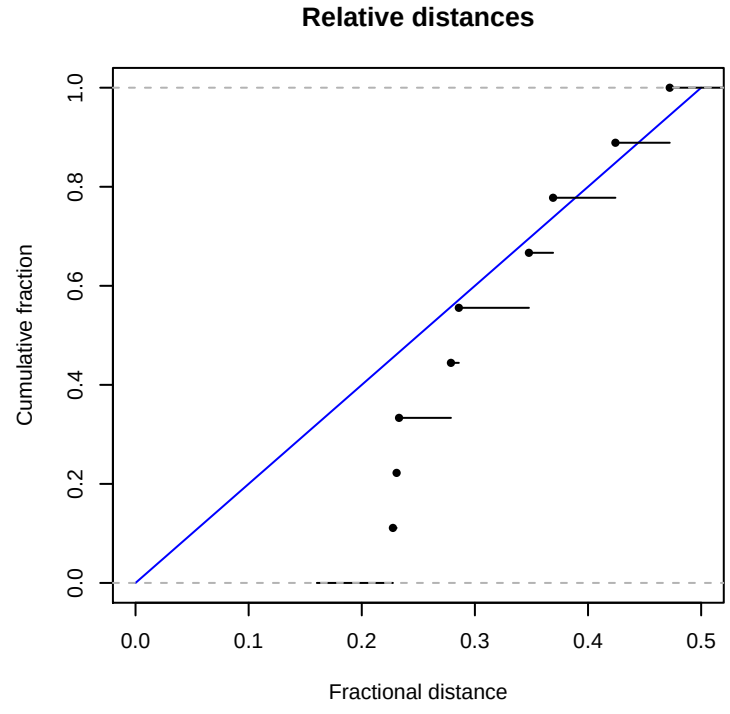




pcontig_047

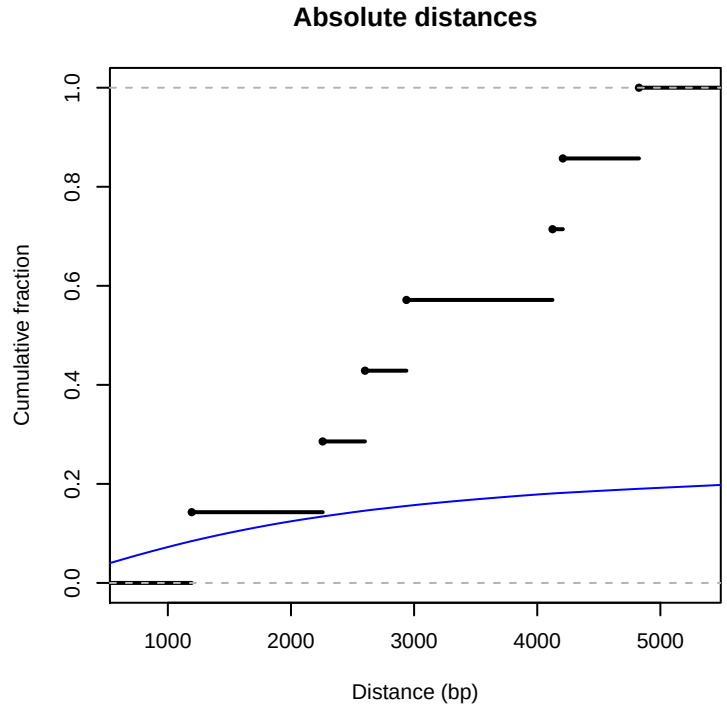
Query population : 9
Reference population : 124
Relative Ks p−value : 0.0319699
Relative ecdf deviation area : 0.0713978
Relative ecdf area correlation : −0.275198
Relative ecdf deviation area p−value : 0.18
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.37
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.486549
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

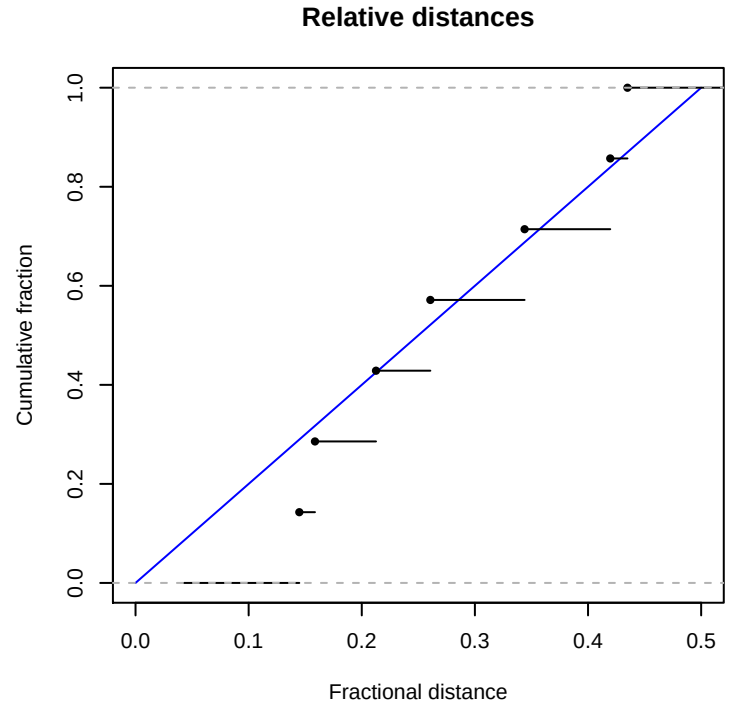




pcontig_048

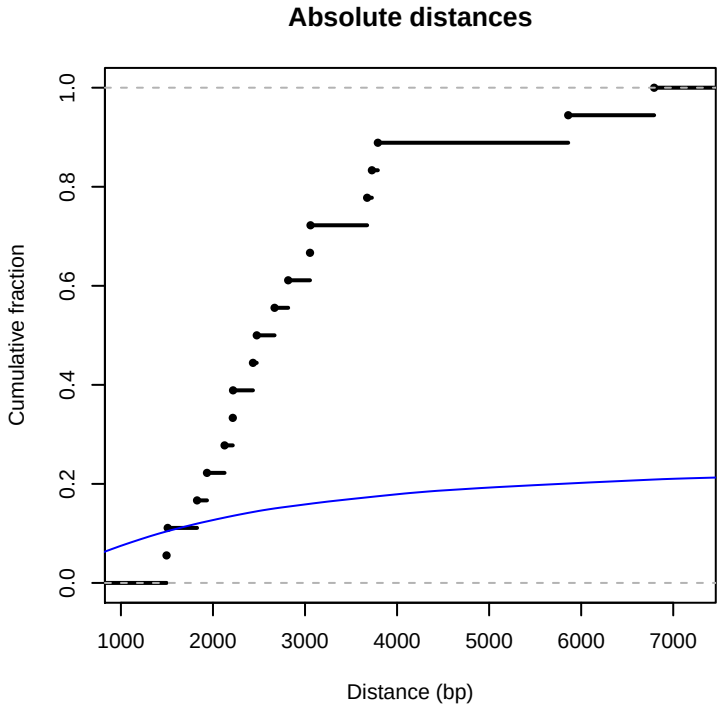
Query population : 7
Reference population : 118
Relative Ks p−value : 0.509342
Relative ecdf deviation area : 0.042485
Relative ecdf area correlation : −0.128612
Relative ecdf deviation area p−value : 0.82
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.46
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.342624
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

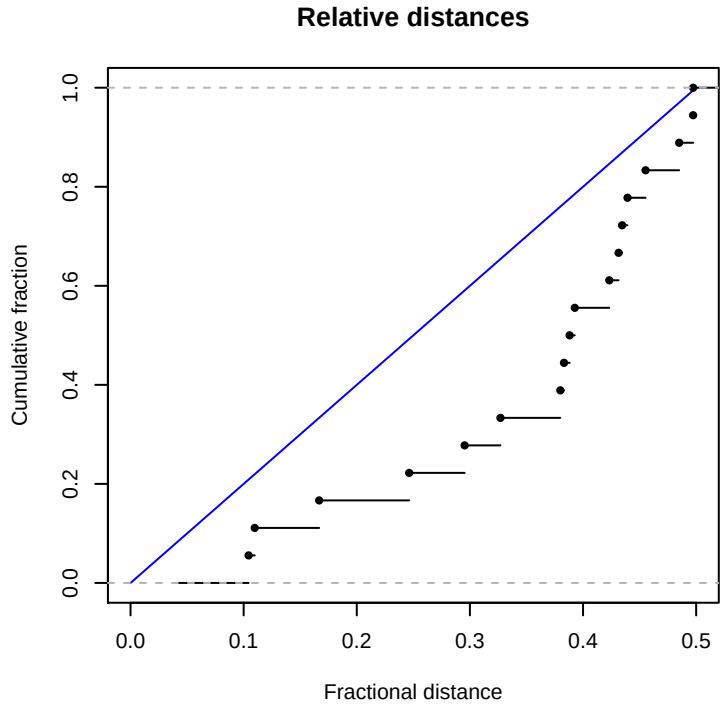




pcontig_049

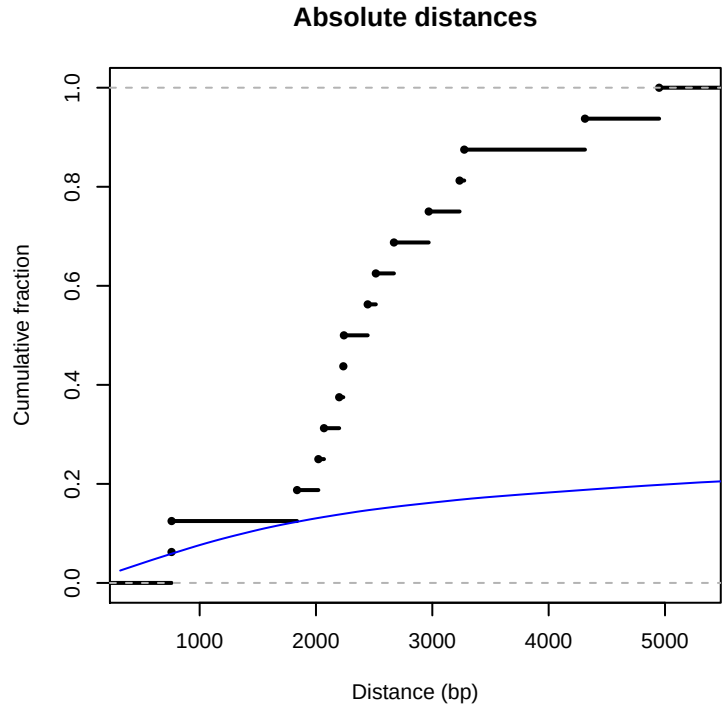
Query population : 18
Reference population : 121
Relative Ks p−value : 0.00173103
Relative ecdf deviation area : 0.109032
Relative ecdf area correlation : −0.434908
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.16
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.233018
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

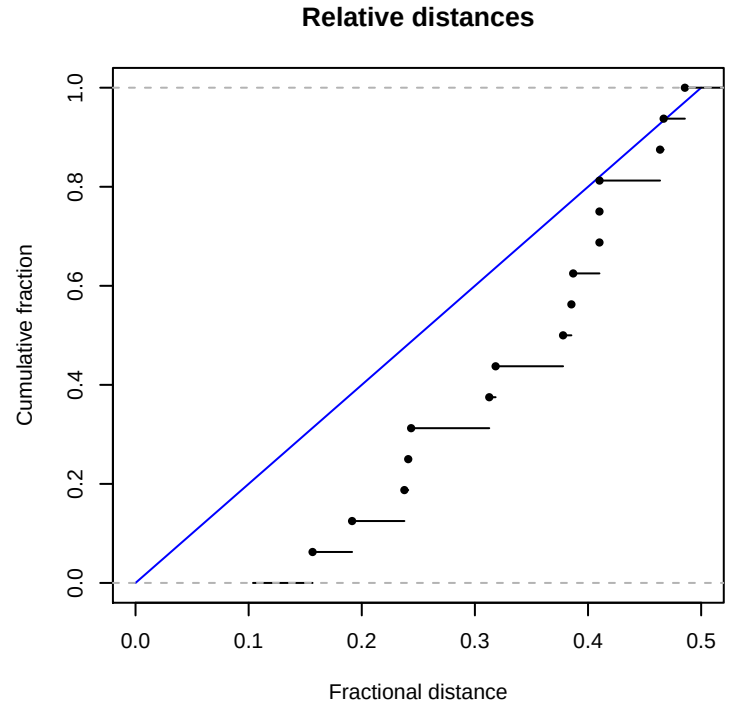




pcontig_050

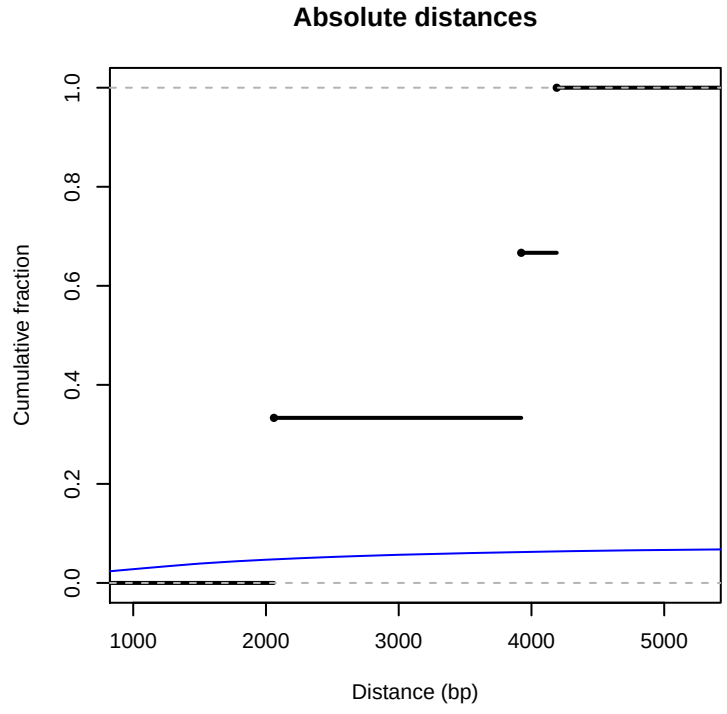
Query population : 16
Reference population : 121
Relative Ks p−value : 0.0292655
Relative ecdf deviation area : 0.0939188
Relative ecdf area correlation : −0.374488
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.15
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.333544
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

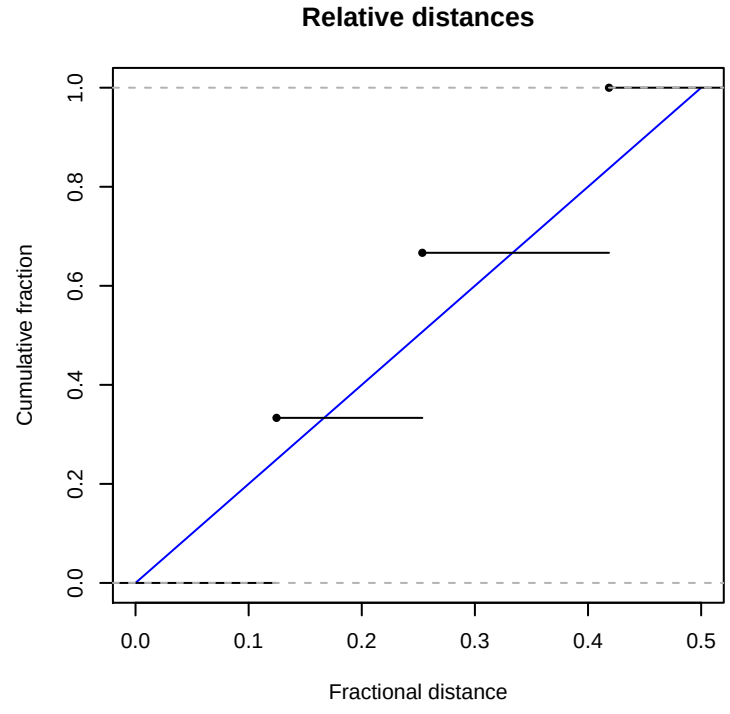




pcontig_051

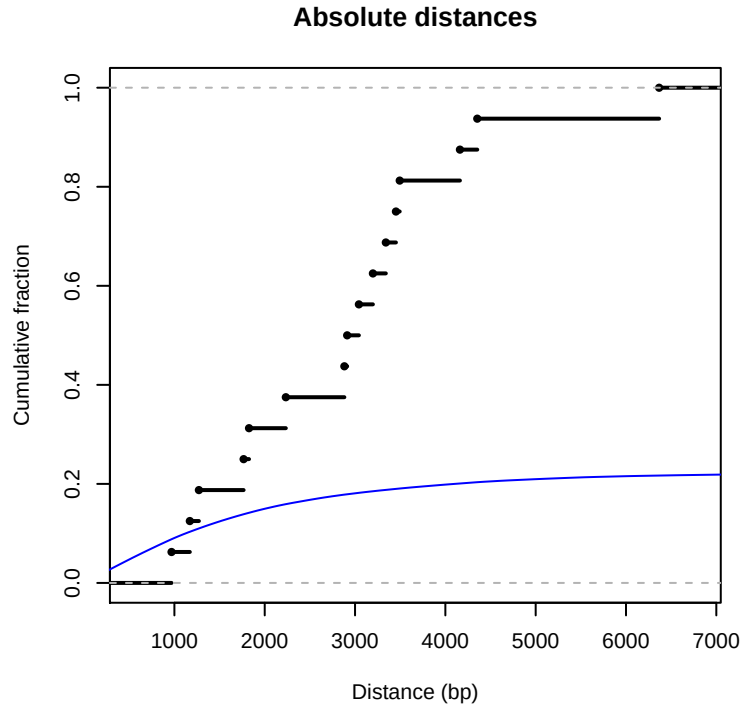
Query population : 3
Reference population : 45
Relative Ks p−value : 0.972964
Relative ecdf deviation area : 0.0450978
Relative ecdf area correlation : −0.0622463
Relative ecdf deviation area p−value : 0.99
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.09
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0621608
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

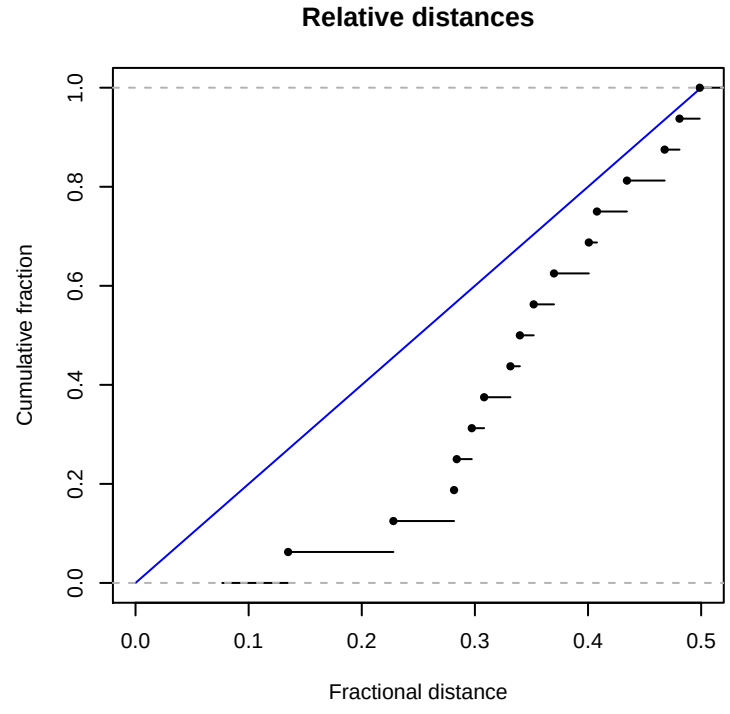




pcontig_052

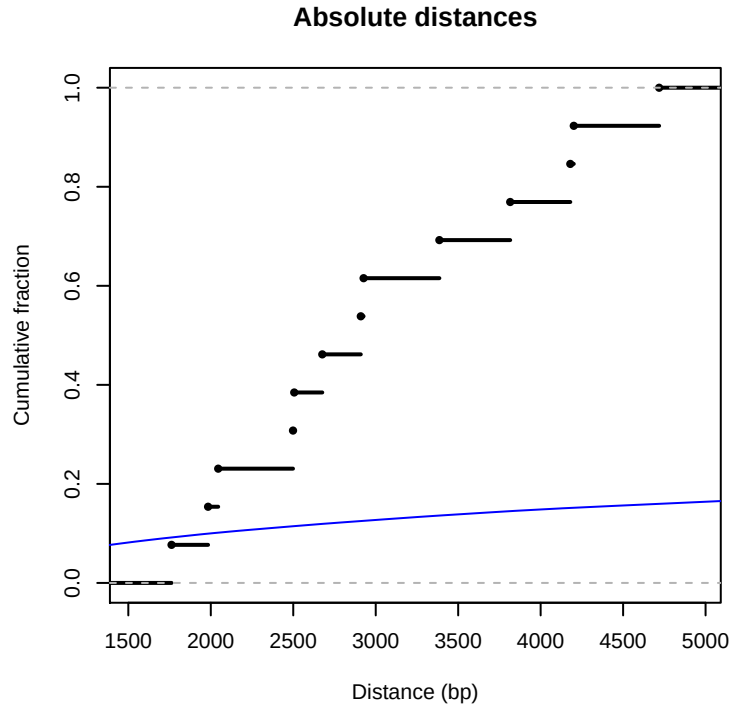
Query population : 16
Reference population : 146
Relative Ks p−value : 0.00259266
Relative ecdf deviation area : 0.100774
Relative ecdf area correlation : −0.404283
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.15
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.268593
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

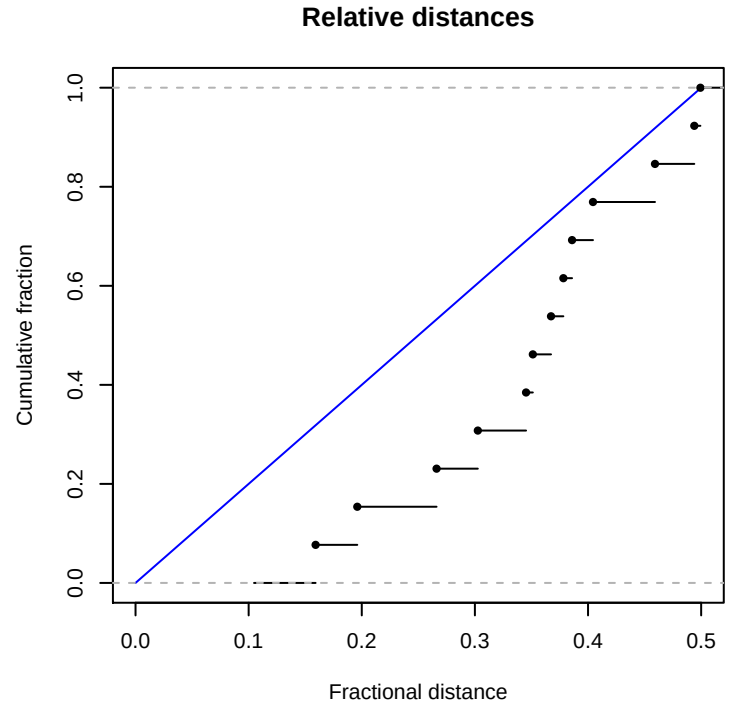




pcontig_054

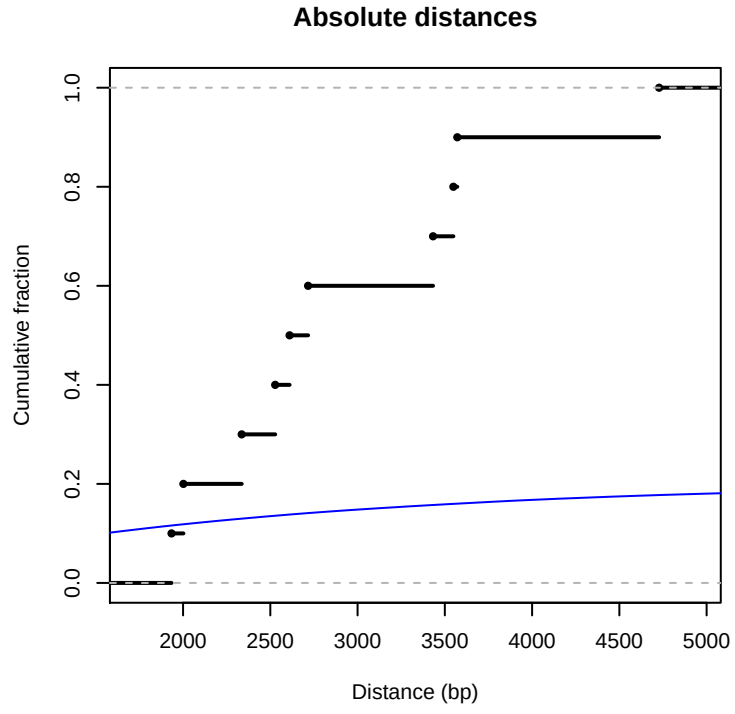
Query population : 13
Reference population : 95
Relative Ks p−value : 0.0319283
Relative ecdf deviation area : 0.104274
Relative ecdf area correlation : −0.418035
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.4
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.465265
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

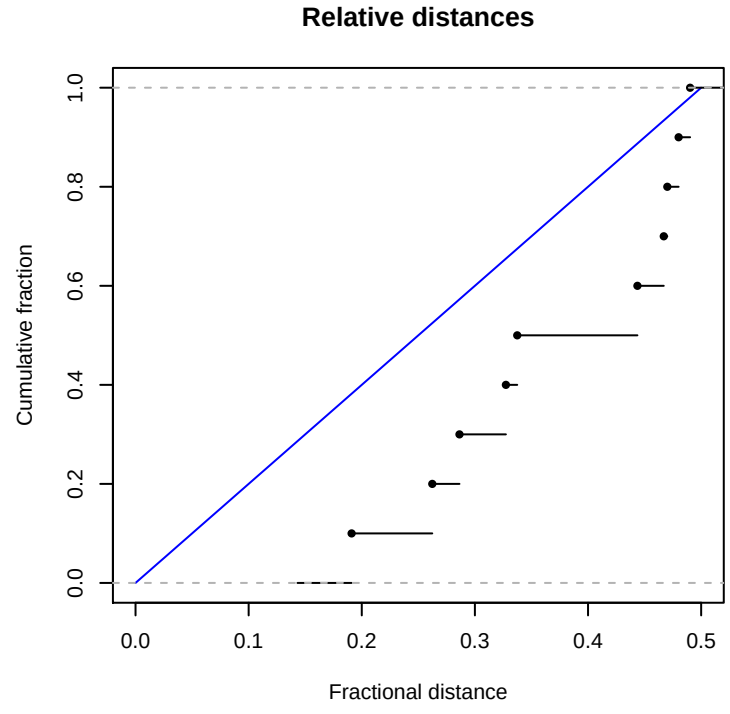




pcontig_055

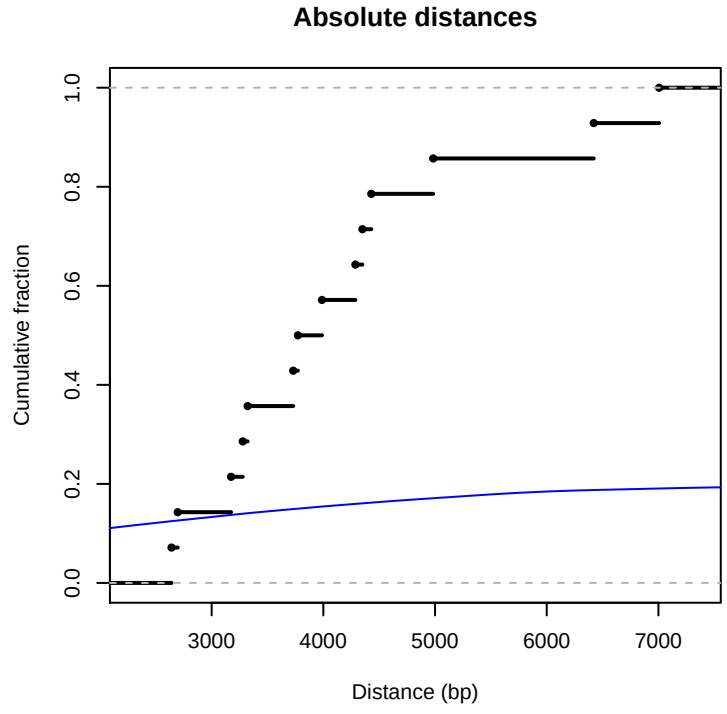
Query population : 10
Reference population : 118
Relative Ks p−value : 0.0376112
Relative ecdf deviation area : 0.125931
Relative ecdf area correlation : −0.502244
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.31
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.48189
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

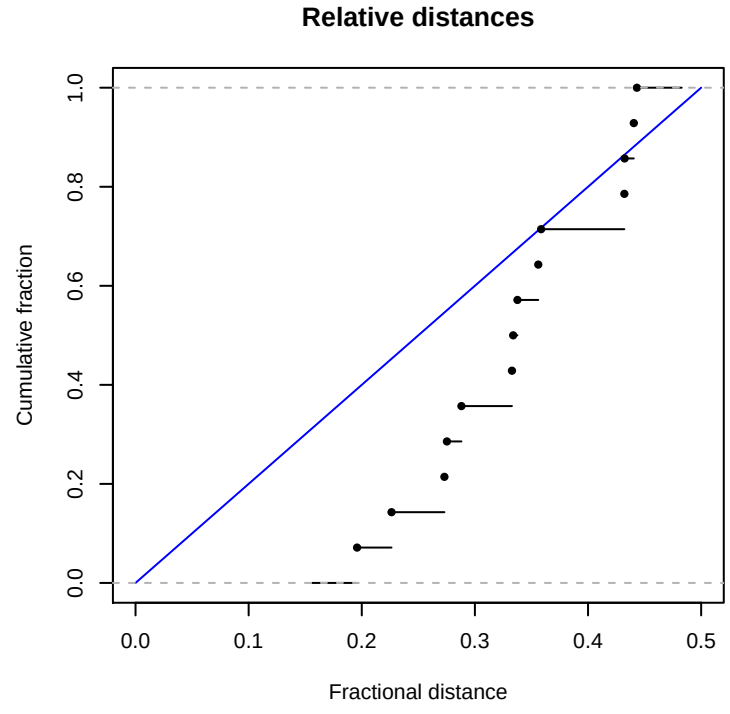




pcontig_056

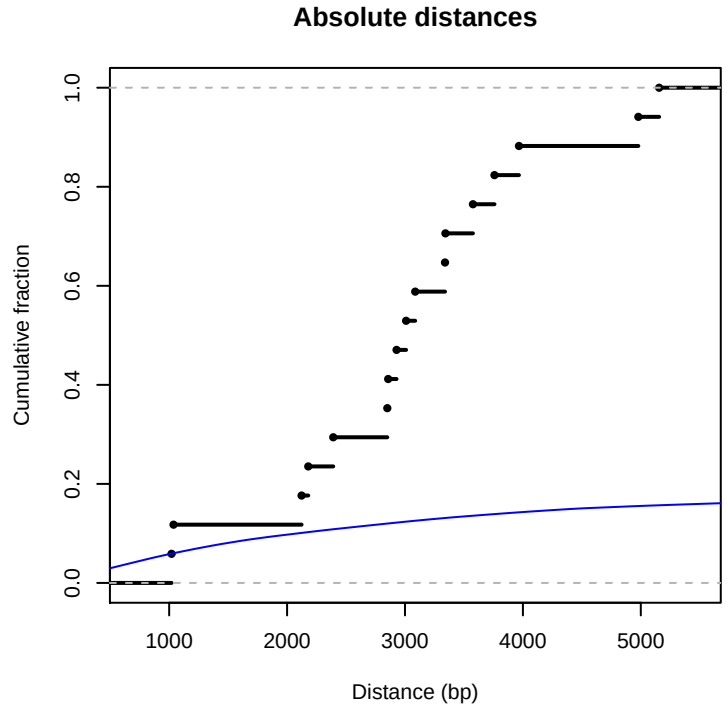
Query population : 14
Reference population : 103
Relative Ks p−value : 0.0143968
Relative ecdf deviation area : 0.0943445
Relative ecdf area correlation : −0.350103
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.26
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.423751
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

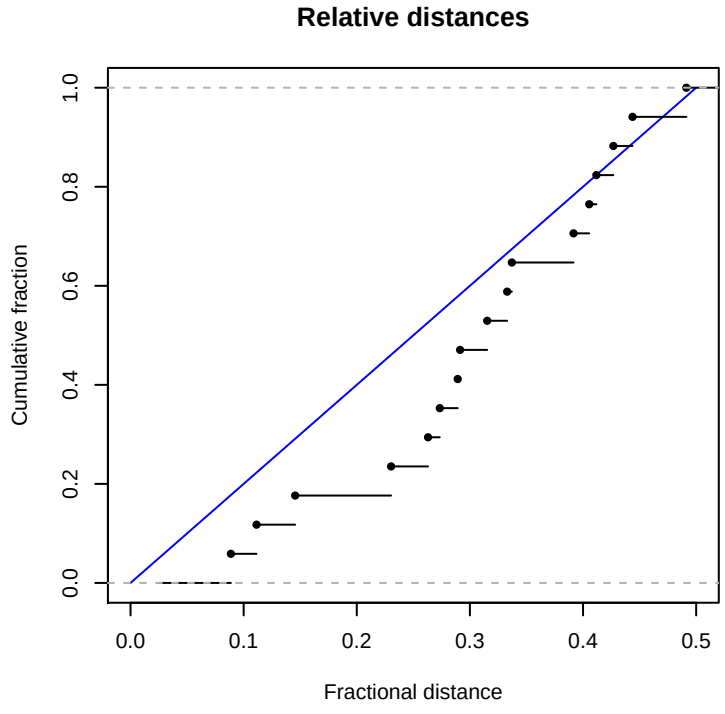




pcontig_057

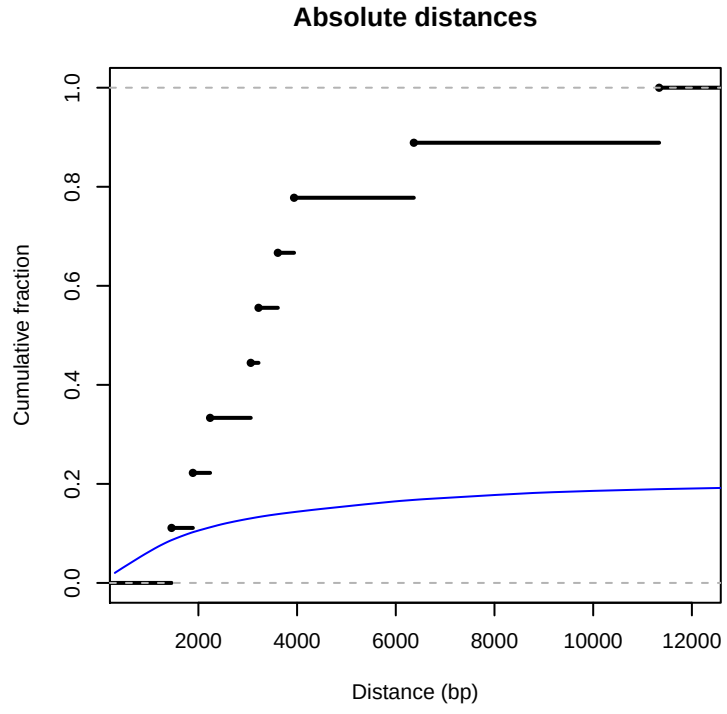
Query population : 17
Reference population : 92
Relative Ks p−value : 0.0910405
Relative ecdf deviation area : 0.060593
Relative ecdf area correlation : −0.235087
Relative ecdf deviation area p−value : 0.09
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.19
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.395663
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

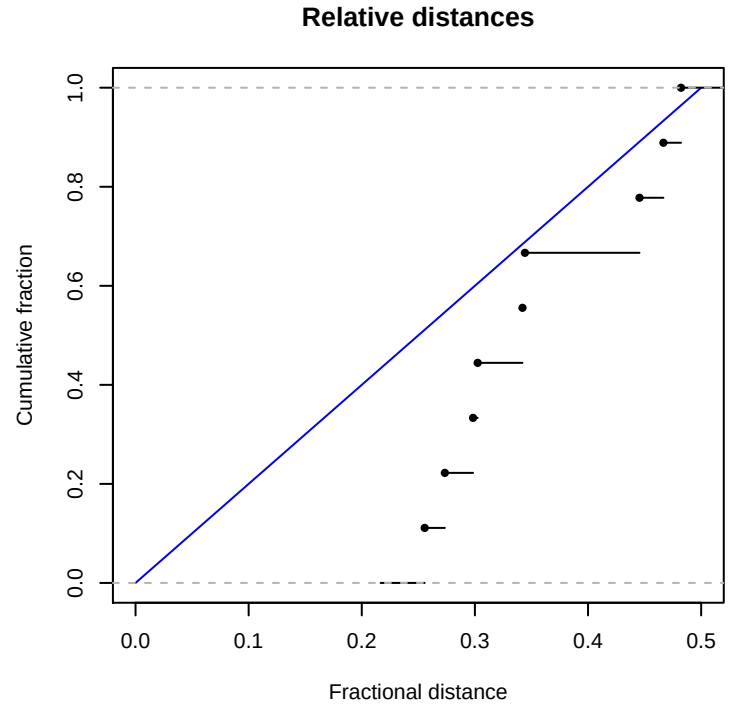




pcontig_058

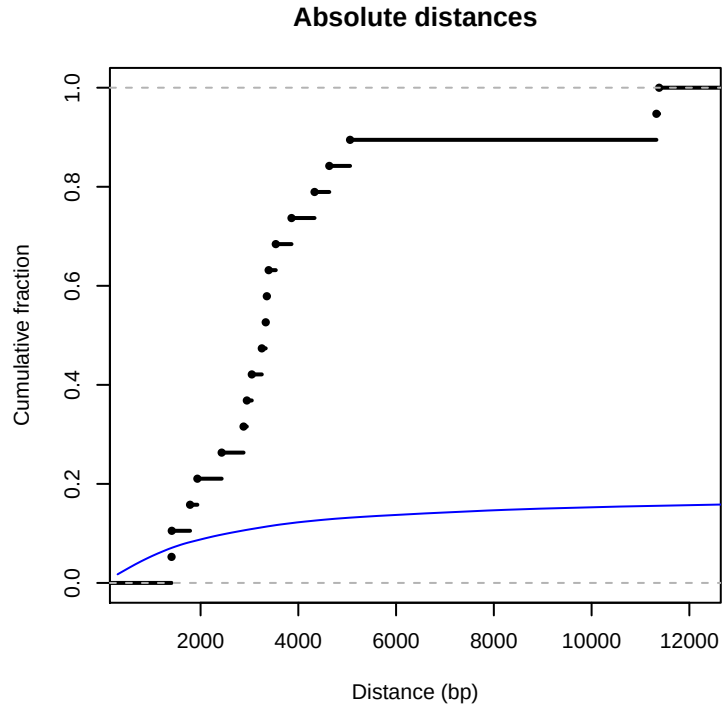
Query population : 9
Reference population : 101
Relative Ks p−value : 0.0104607
Relative ecdf deviation area : 0.107147
Relative ecdf area correlation : −0.426889
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.46
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.384361
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

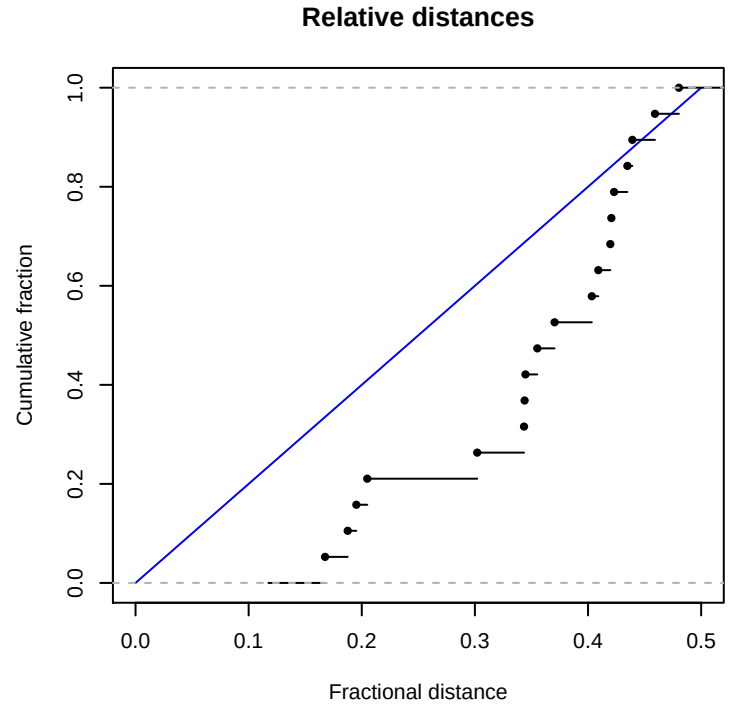




pcontig_059

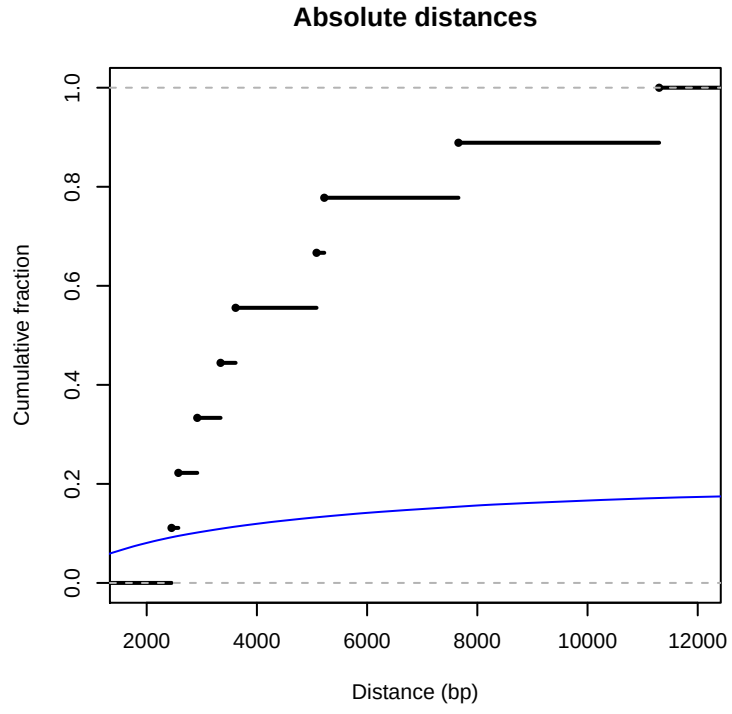
Query population : 19
Reference population : 88
Relative Ks p−value : 0.00130828
Relative ecdf deviation area : 0.103858
Relative ecdf area correlation : −0.411415
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.26
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.359938
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

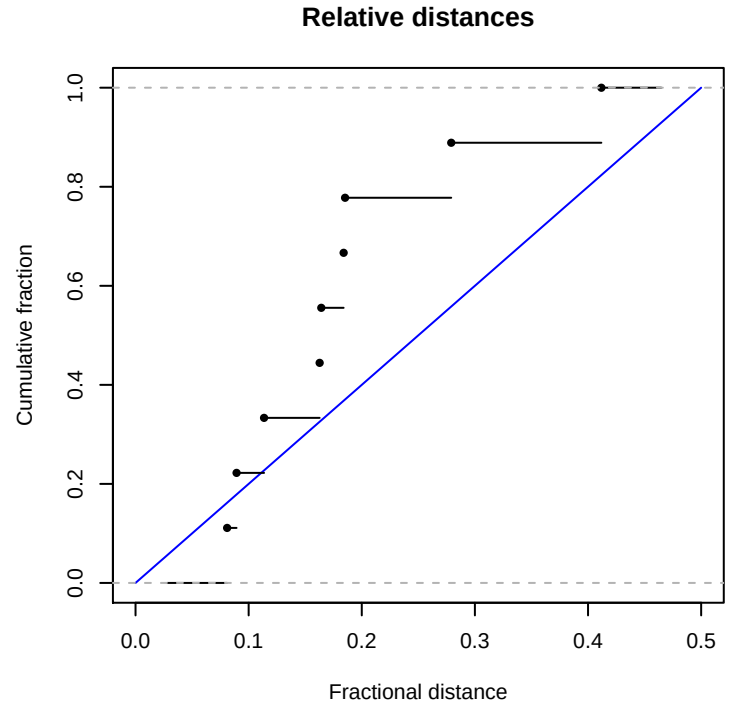




pcontig_060

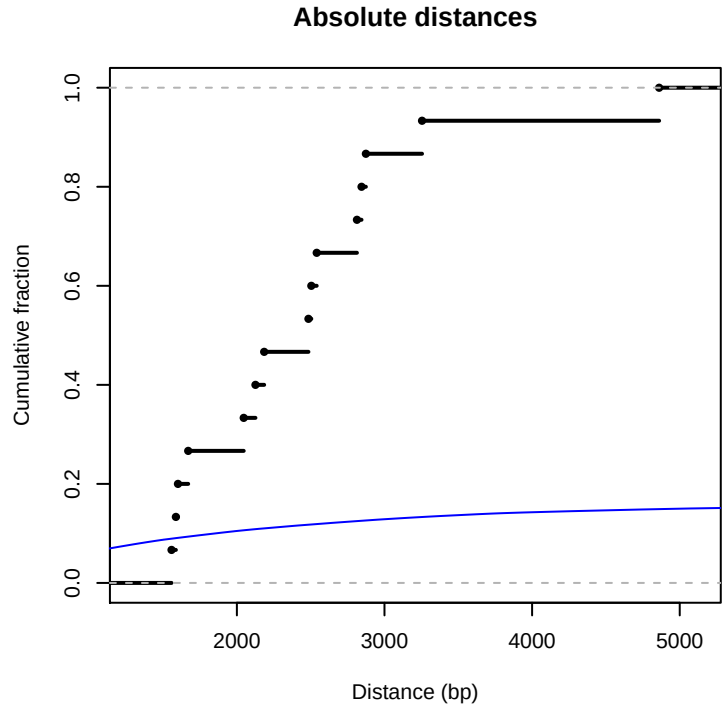
Query population : 9
Reference population : 72
Relative Ks p−value : 0.0730555
Relative ecdf deviation area : 0.0785986
Relative ecdf area correlation : 0.25736
Relative ecdf deviation area p−value : 0.08
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.43
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.357957
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

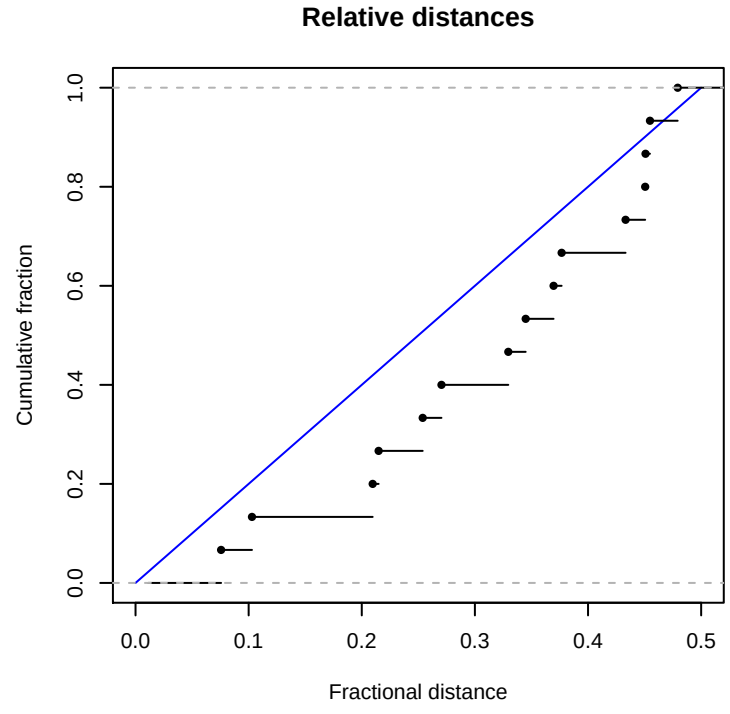




pcontig_062

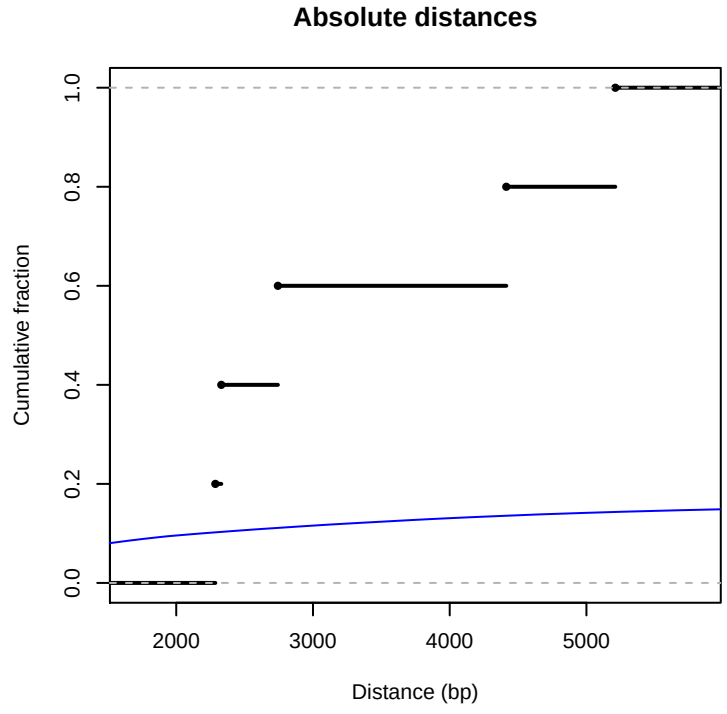
Query population : 15
Reference population : 97
Relative Ks p−value : 0.140506
Relative ecdf deviation area : 0.0717322
Relative ecdf area correlation : −0.284445
Relative ecdf deviation area p−value : 0.0600000000000001
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.24
Jaccard Measure lower tail : TRUE
Projection test p−value : 0.418536
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0

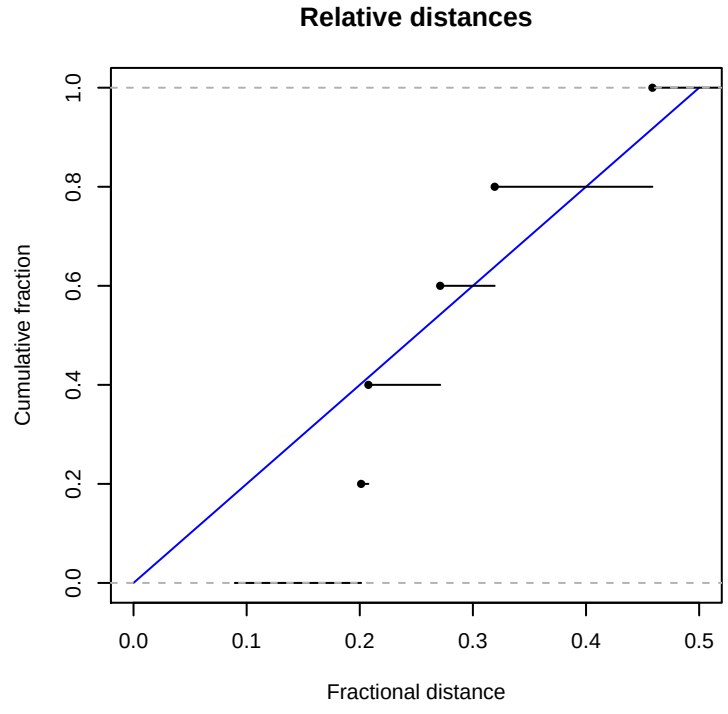




pcontig_064

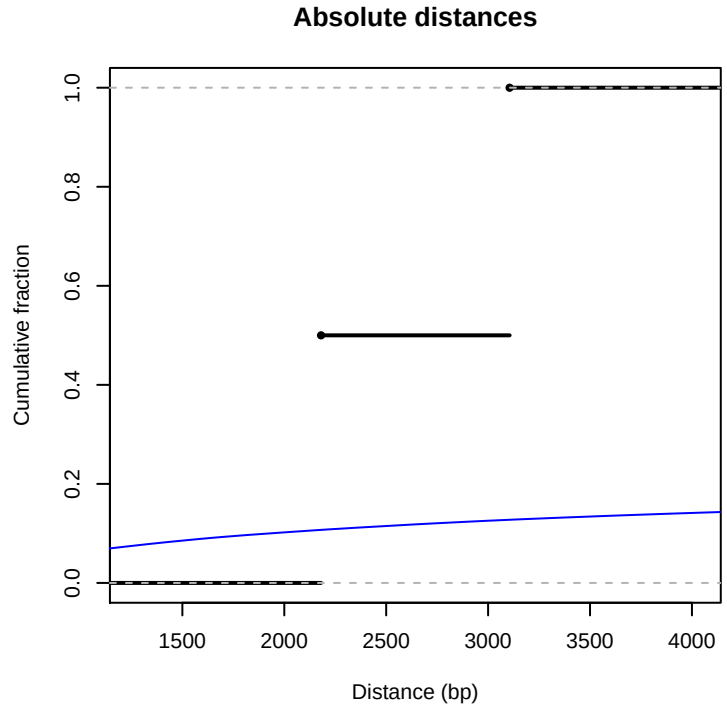
Query population : 5
Reference population : 92
Relative Ks p−value : 0.302555
Relative ecdf deviation area : 0.0598692
Relative ecdf area correlation : −0.166276
Relative ecdf deviation area p−value : 0.59
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.36
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.211159
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

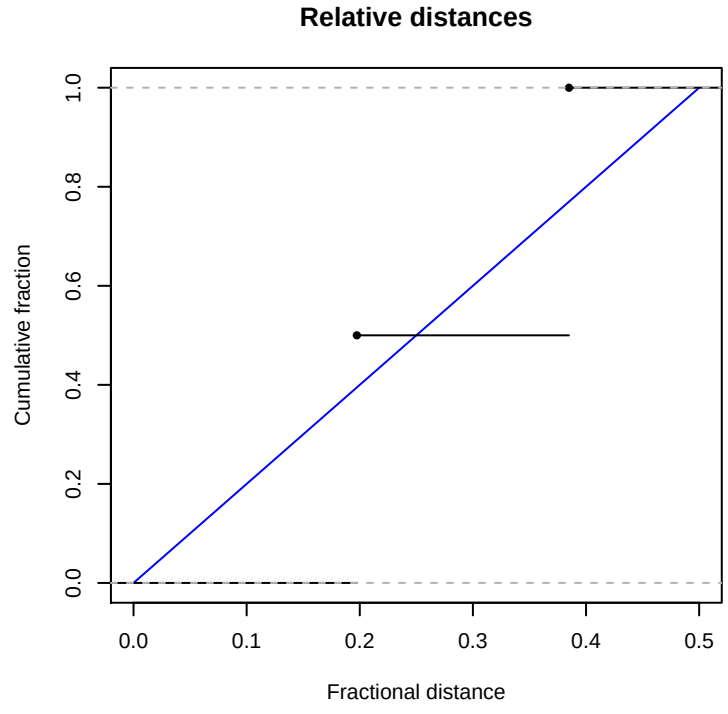




pcontig_065

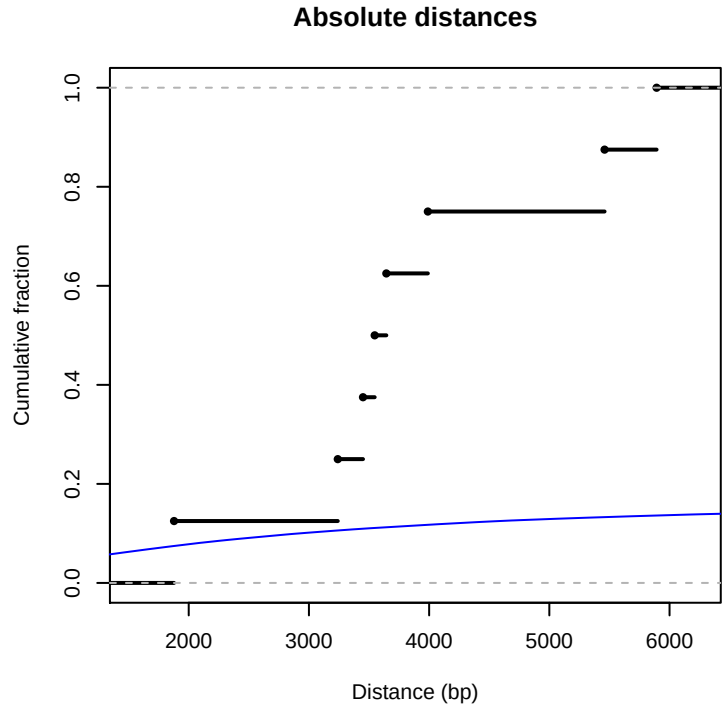
Query population : 2
Reference population : 101
Relative Ks p−value : 0.832214
Relative ecdf deviation area : 0.0726753
Relative ecdf area correlation : −0.164653
Relative ecdf deviation area p−value : 0.88
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.17
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.10105
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

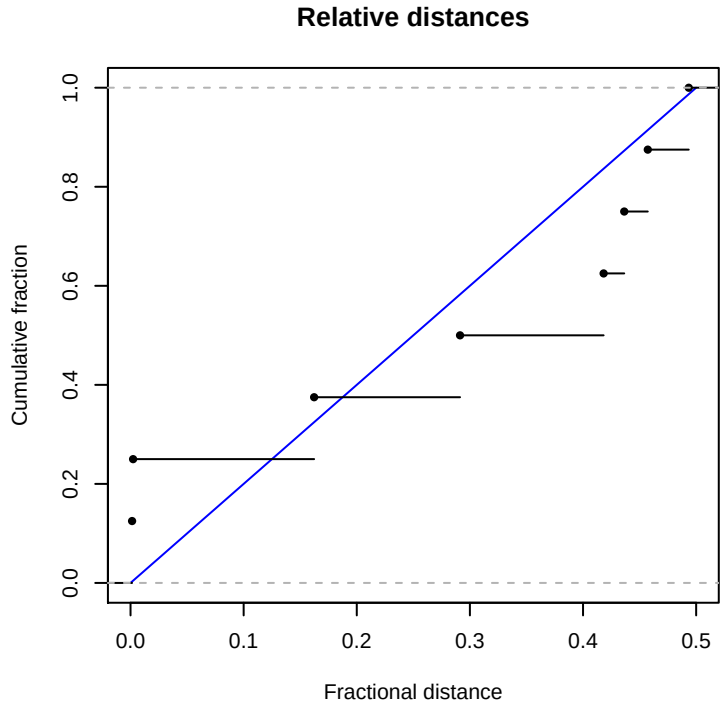




pcontig_066

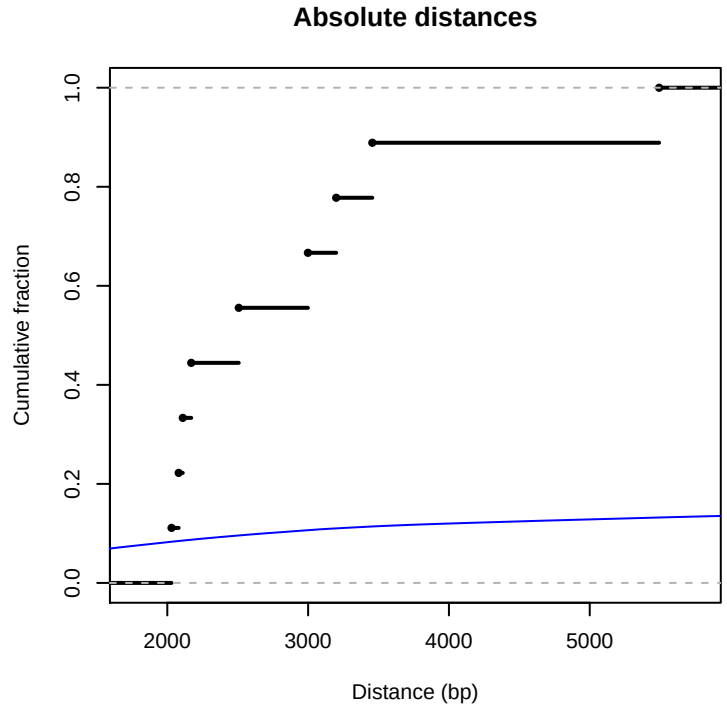
Query population : 8
Reference population : 73
Relative Ks p−value : 0.260675
Relative ecdf deviation area : 0.0646222
Relative ecdf area correlation : −0.131288
Relative ecdf deviation area p−value : 0.27
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.38
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.243663
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

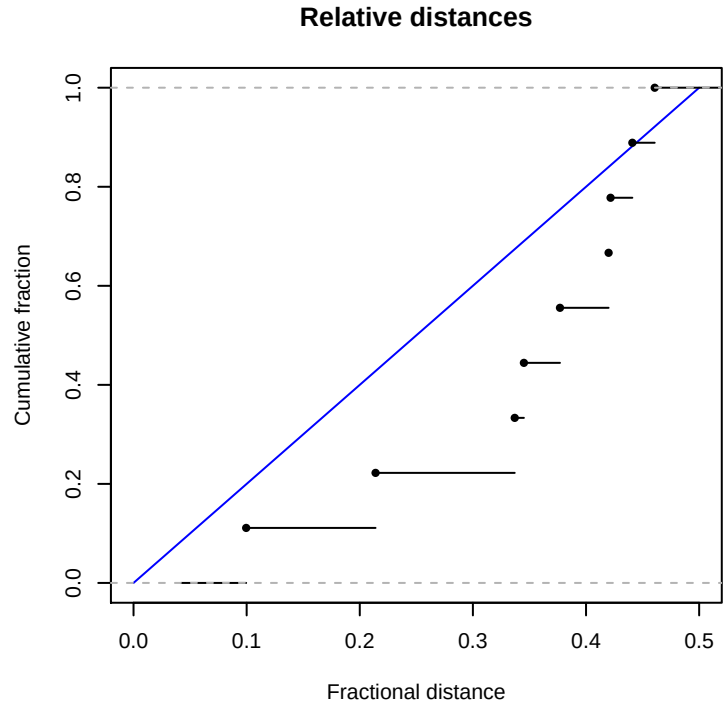




pcontig_067

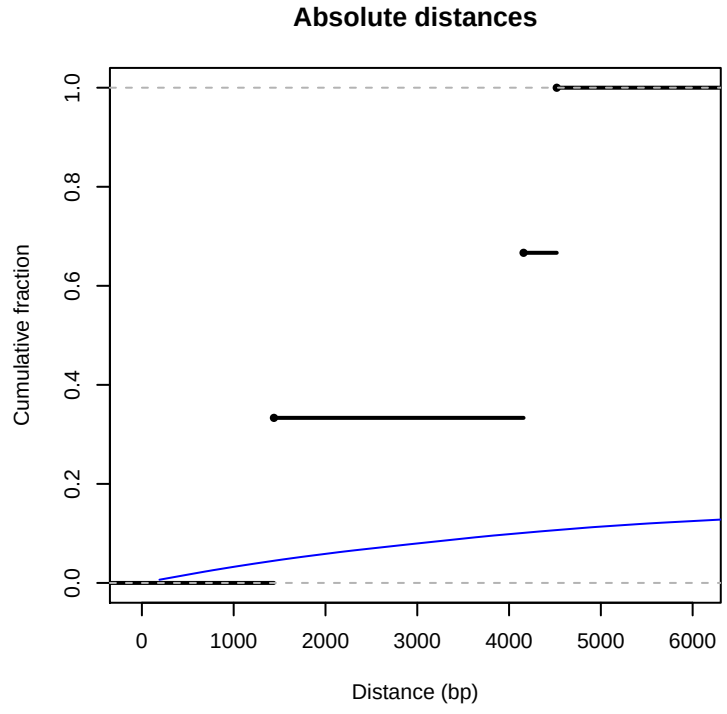
Query population : 9
Reference population : 76
Relative Ks p−value : 0.0339838
Relative ecdf deviation area : 0.099407
Relative ecdf area correlation : −0.384823
Relative ecdf deviation area p−value : 0.05
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.42
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.306956
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

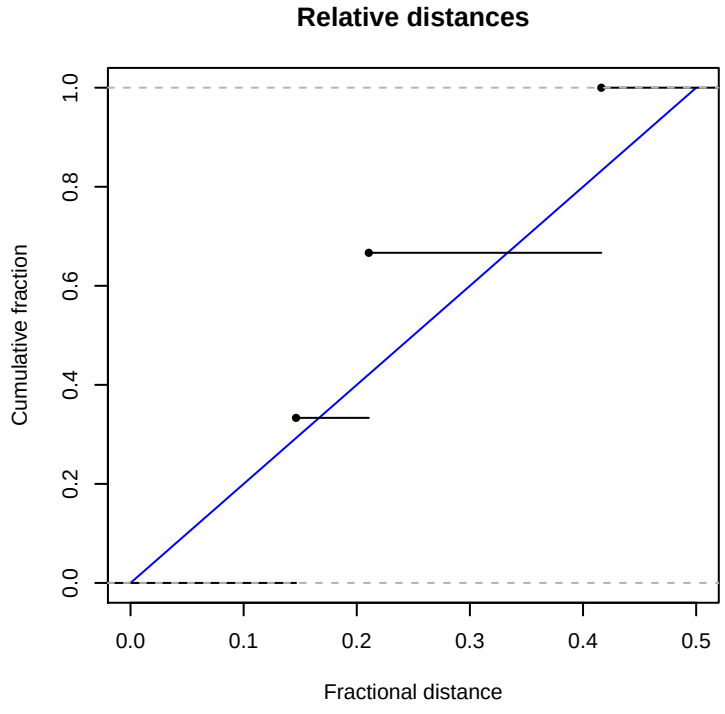




pcontig_068

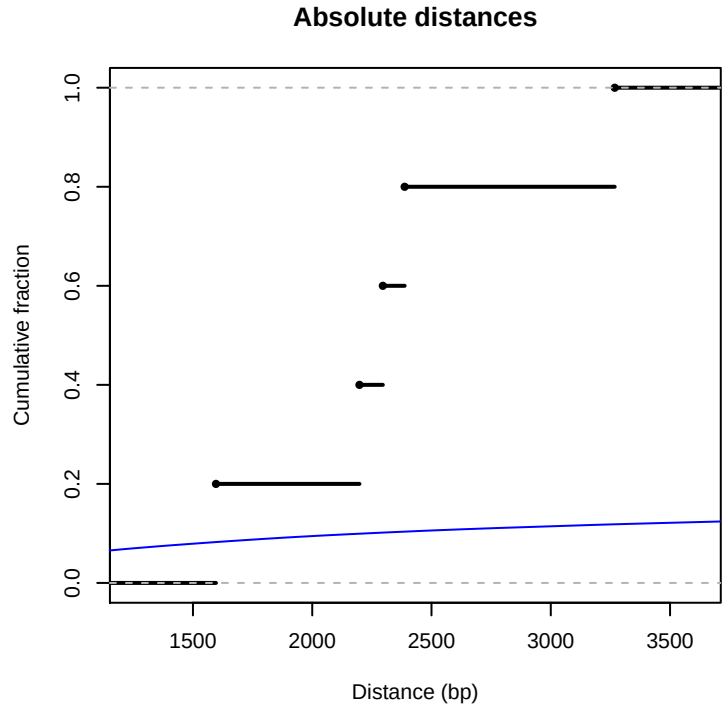
Query population : 3
Reference population : 52
Relative Ks p−value : 0.904064
Relative ecdf deviation area : 0.0525191
Relative ecdf area correlation : −0.0307972
Relative ecdf deviation area p−value : 0.9
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.13
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0577178
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

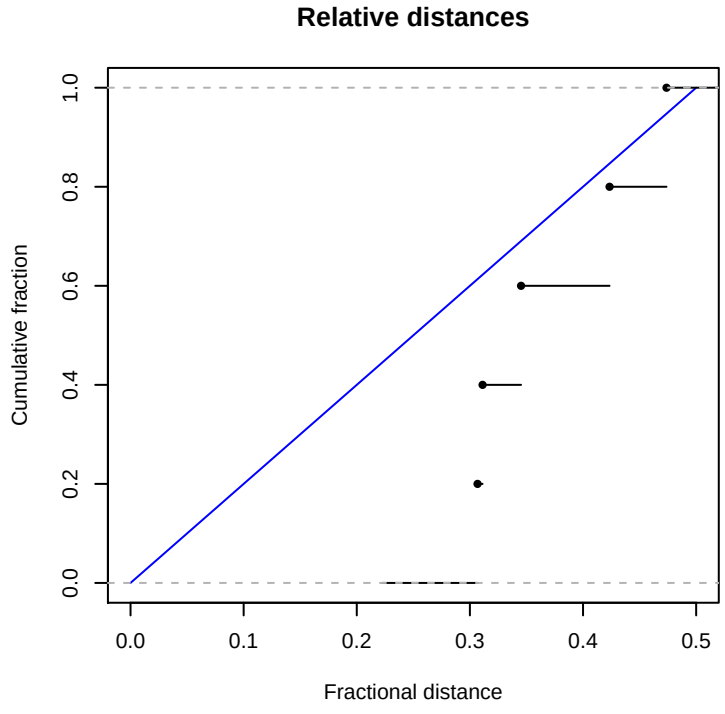




pcontig_069

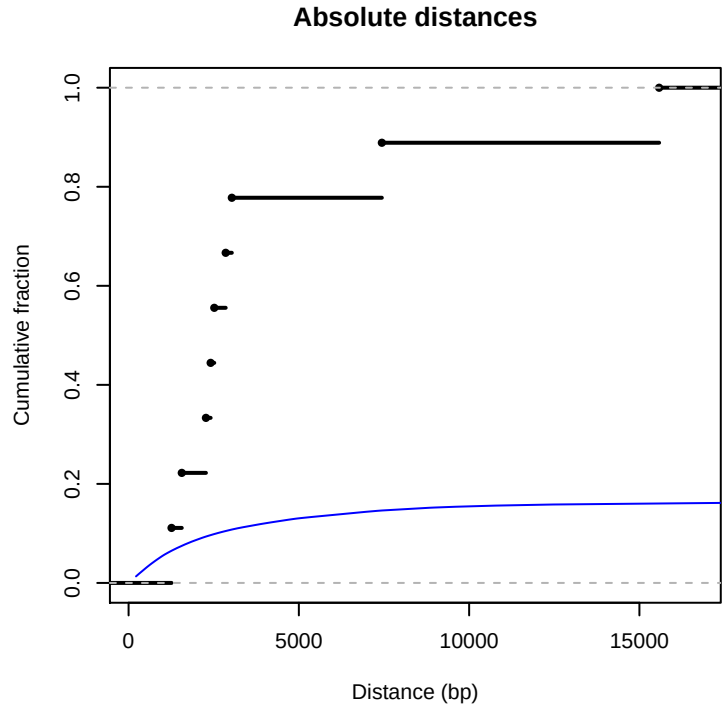
Query population : 5
Reference population : 96
Relative Ks p−value : 0.0246655
Relative ecdf deviation area : 0.123387
Relative ecdf area correlation : −0.48837
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.37
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.212305
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

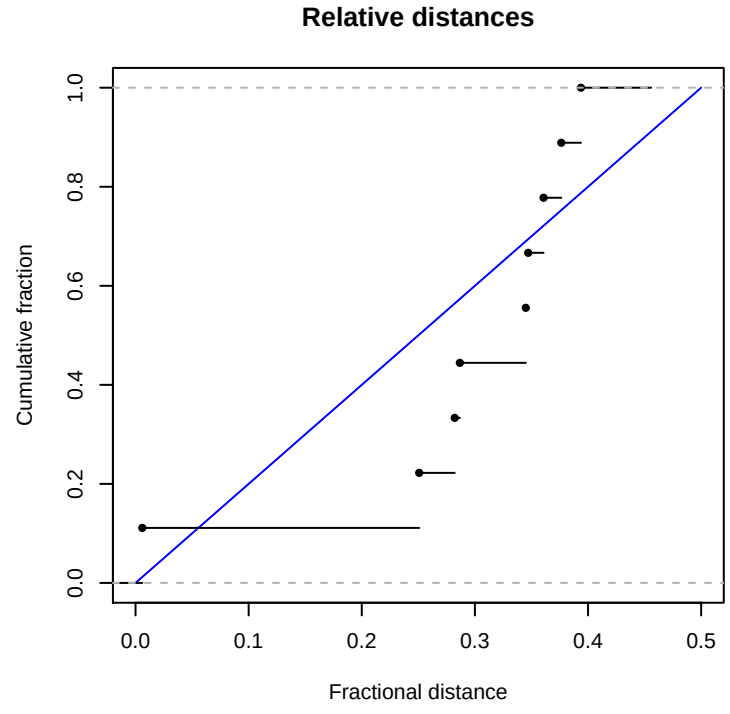




pcontig_070

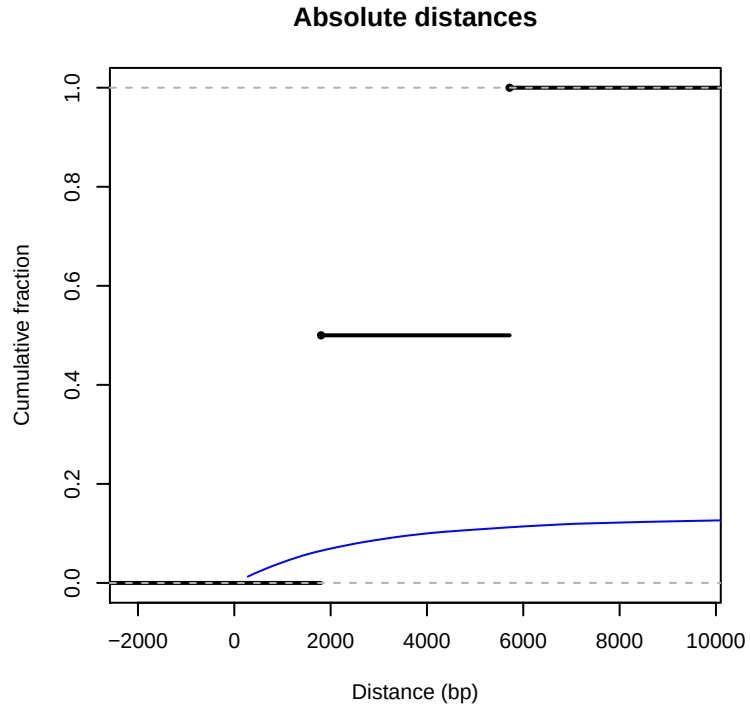
Query population : 9
Reference population : 93
Relative Ks p−value : 0.0955196
Relative ecdf deviation area : 0.0770176
Relative ecdf area correlation : −0.177111
Relative ecdf deviation area p−value : 0.0600000000000001
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.42
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.293456
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

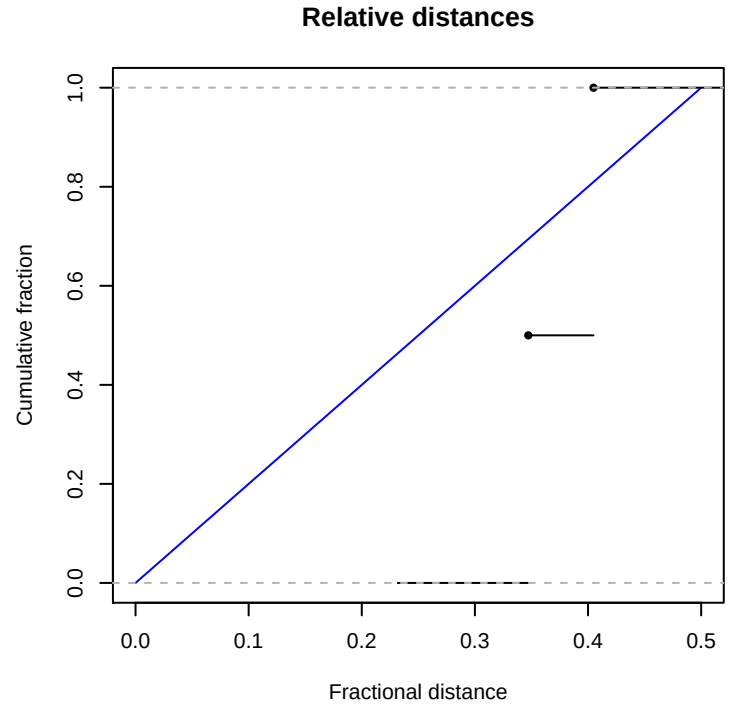




pcontig_072

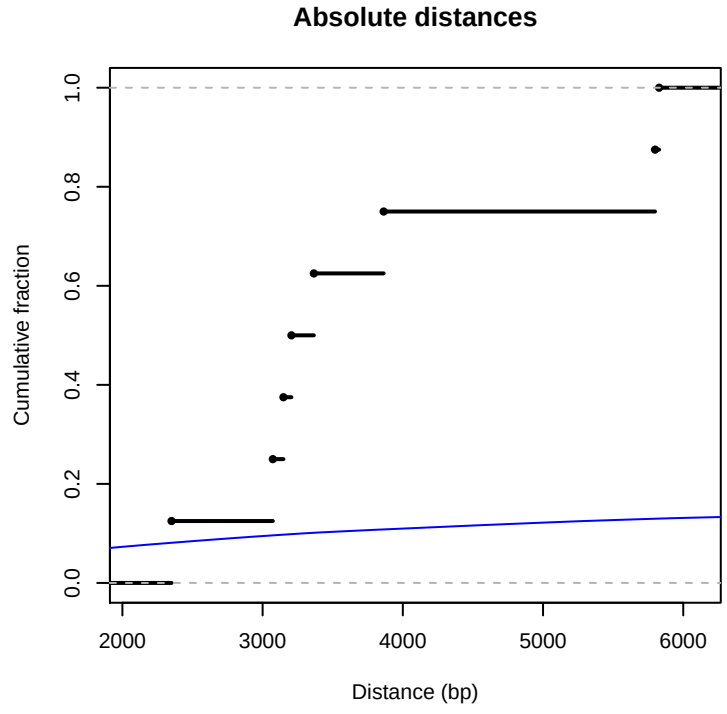
Query population : 2
Reference population : 70
Relative Ks p−value : 0.18684
Relative ecdf deviation area : 0.144381
Relative ecdf area correlation : −0.504043
Relative ecdf deviation area p−value : 0.2
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.15
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0651303
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

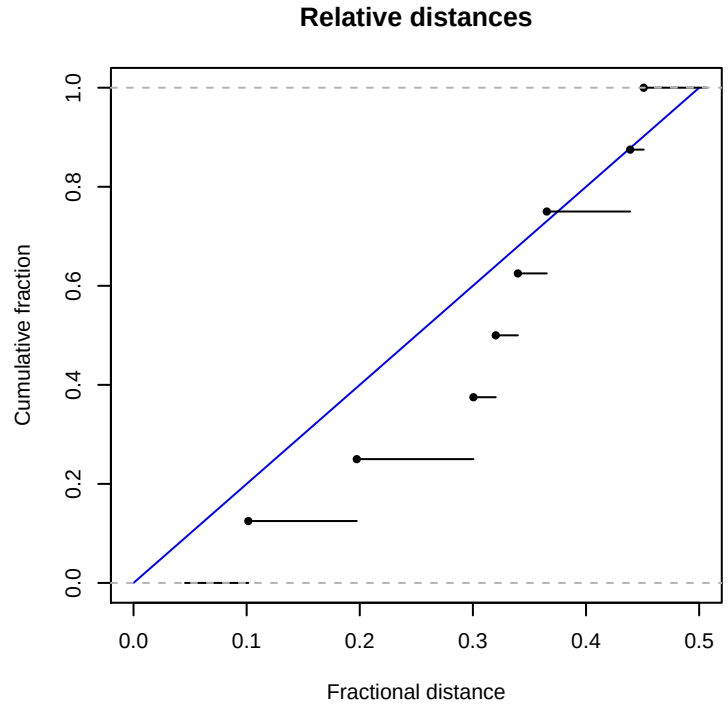




pcontig_073

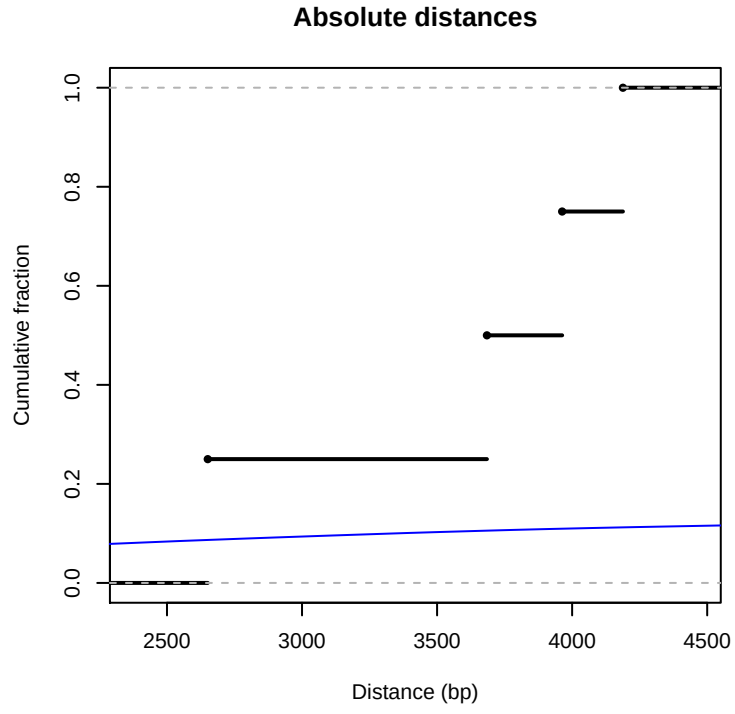
Query population : 8
Reference population : 70
Relative Ks p−value : 0.219105
Relative ecdf deviation area : 0.0691419
Relative ecdf area correlation : −0.257274
Relative ecdf deviation area p−value : 0.23
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.33
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.244408
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

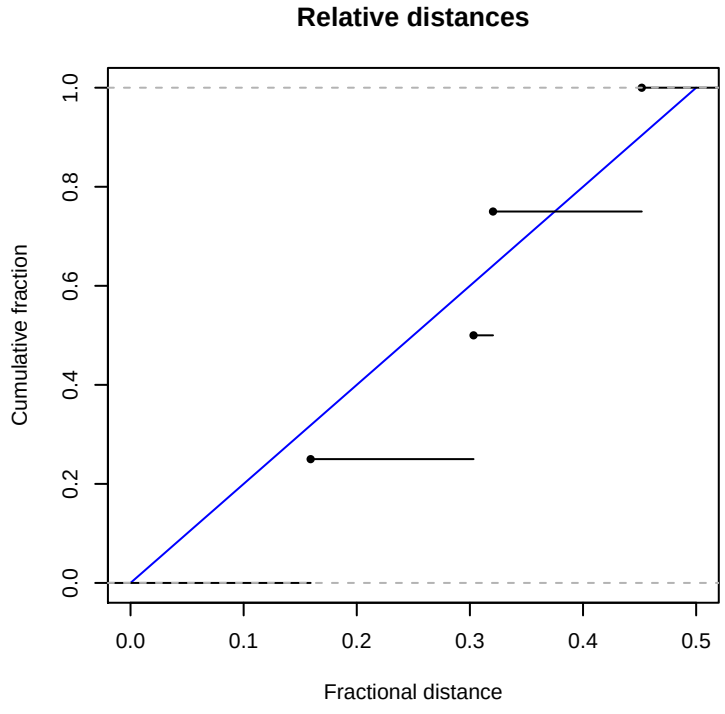




pcontig_074

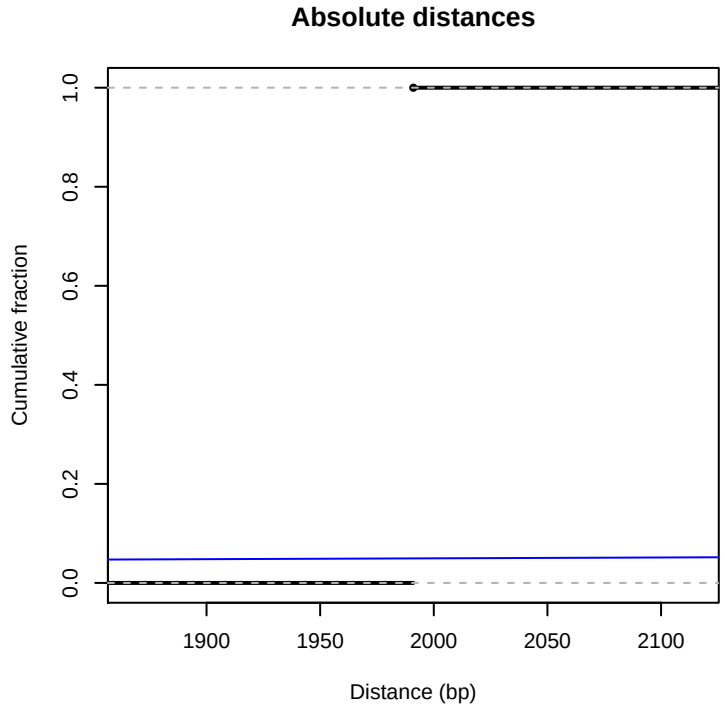
Query population : 4
Reference population : 64
Relative Ks p−value : 0.582948
Relative ecdf deviation area : 0.0695285
Relative ecdf area correlation : −0.234781
Relative ecdf deviation area p−value : 0.51
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.22
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.13765
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

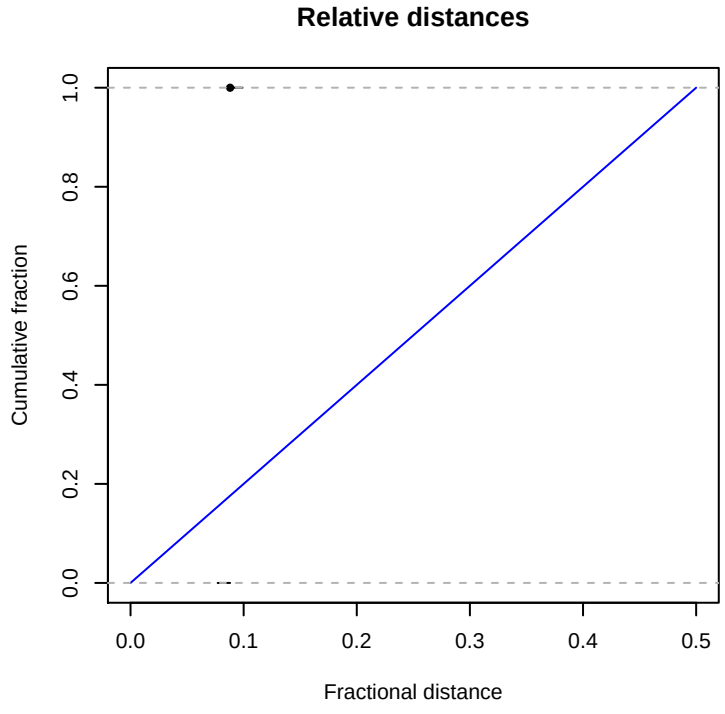




pcontig_075

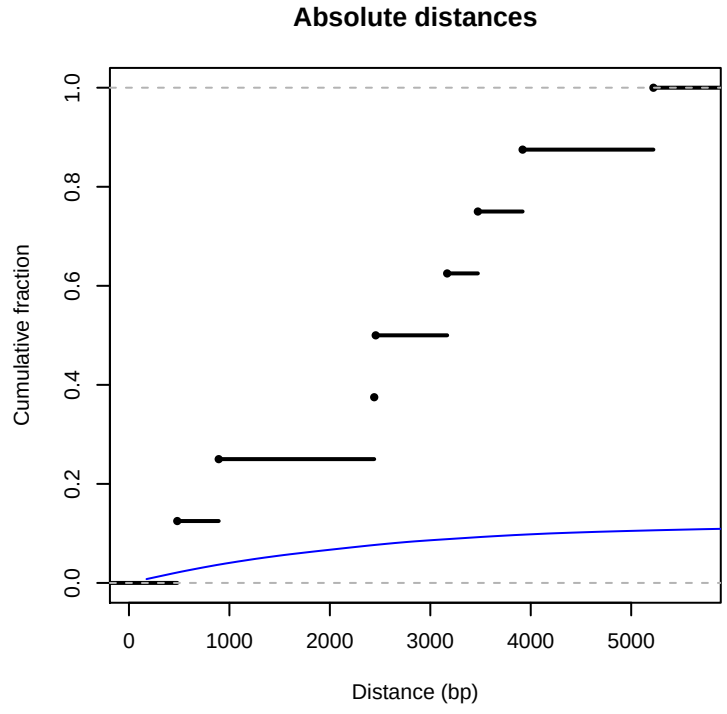
Query population : 1
Reference population : 53
Relative Ks p−value : 0.352047
Relative ecdf deviation area : 0.177574
Relative ecdf area correlation : 0.647953
Relative ecdf deviation area p−value : 0.43
Scaled Absolute min. distance p−value : 0.07
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0151003
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

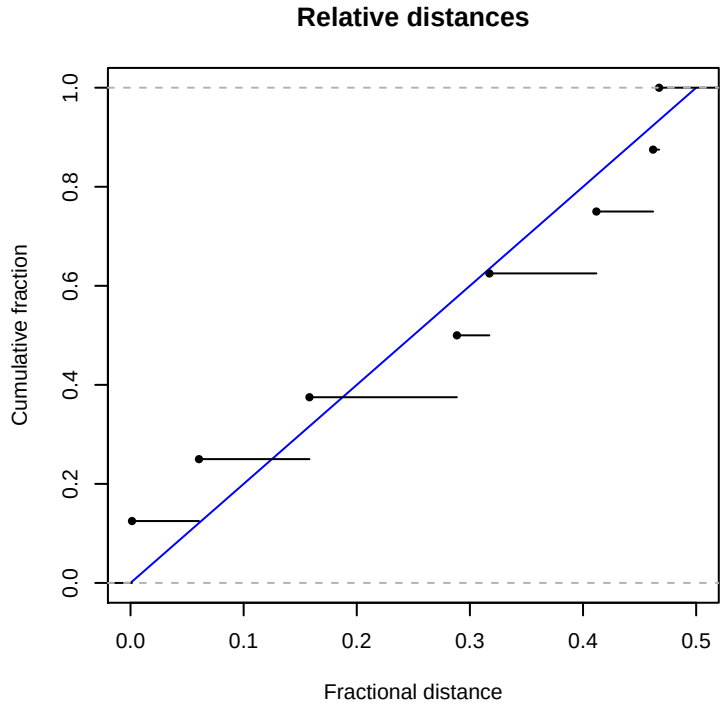




pcontig_077

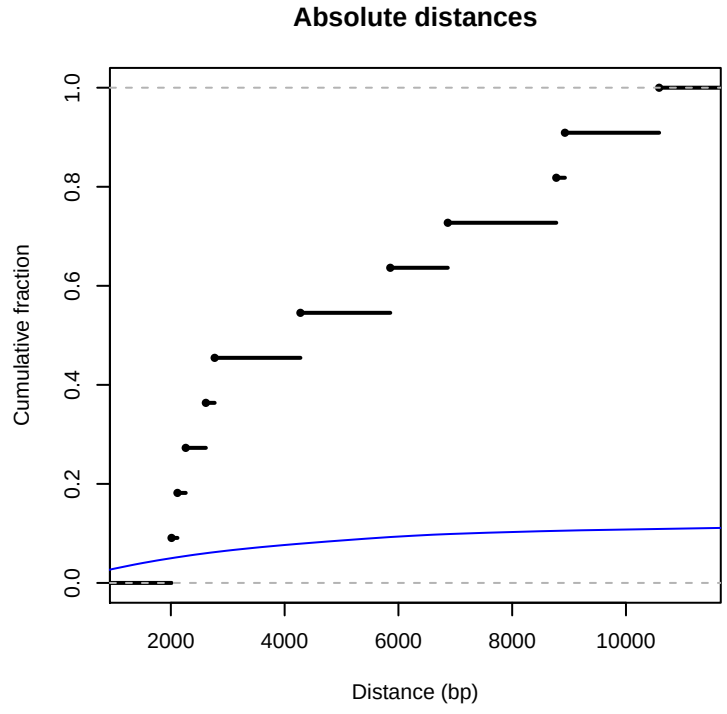
Query population : 8
Reference population : 68
Relative Ks p−value : 0.84001
Relative ecdf deviation area : 0.0405639
Relative ecdf area correlation : −0.0833777
Relative ecdf deviation area p−value : 0.77
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.43
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.263794
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

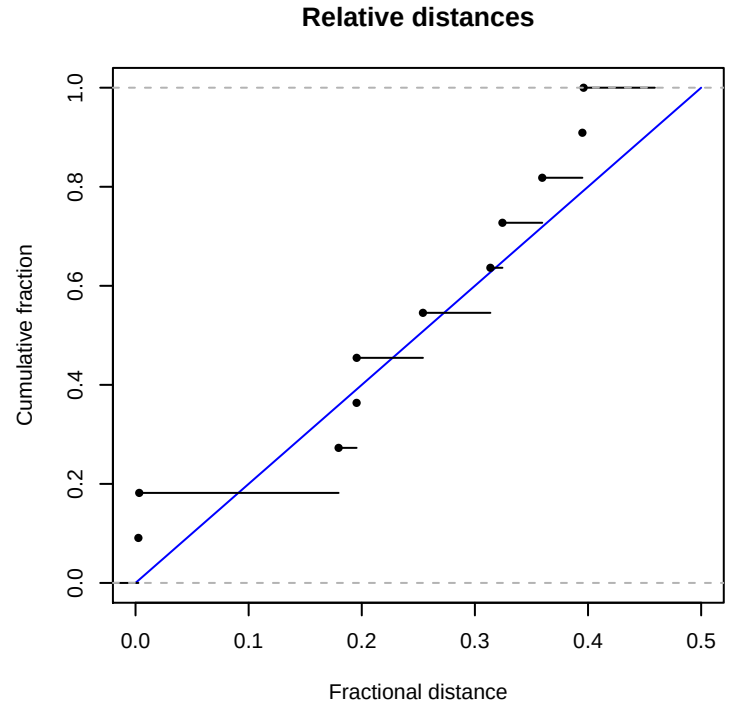




pcontig_078

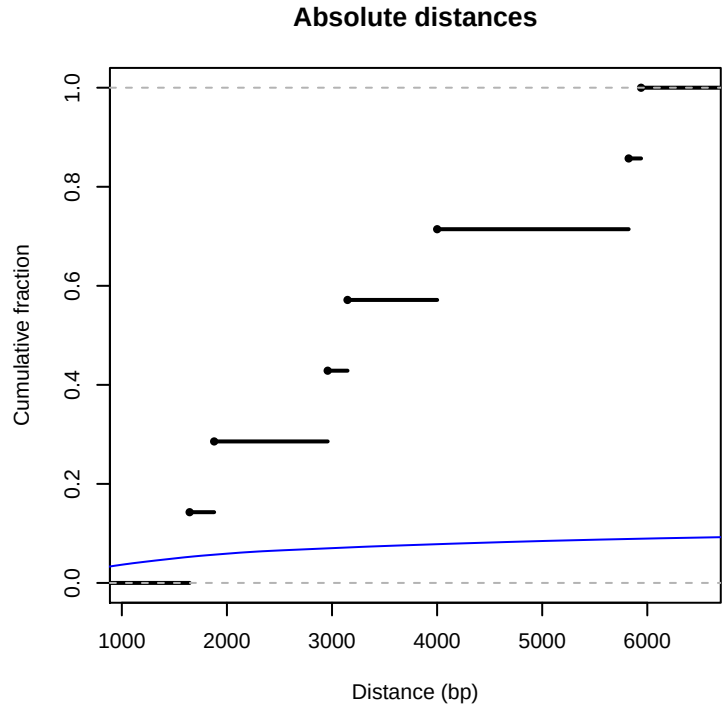
Query population : 11
Reference population : 45
Relative Ks p−value : 0.656648
Relative ecdf deviation area : 0.0360092
Relative ecdf area correlation : 0.0476615
Relative ecdf deviation area p−value : 0.56
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.21
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.215716
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

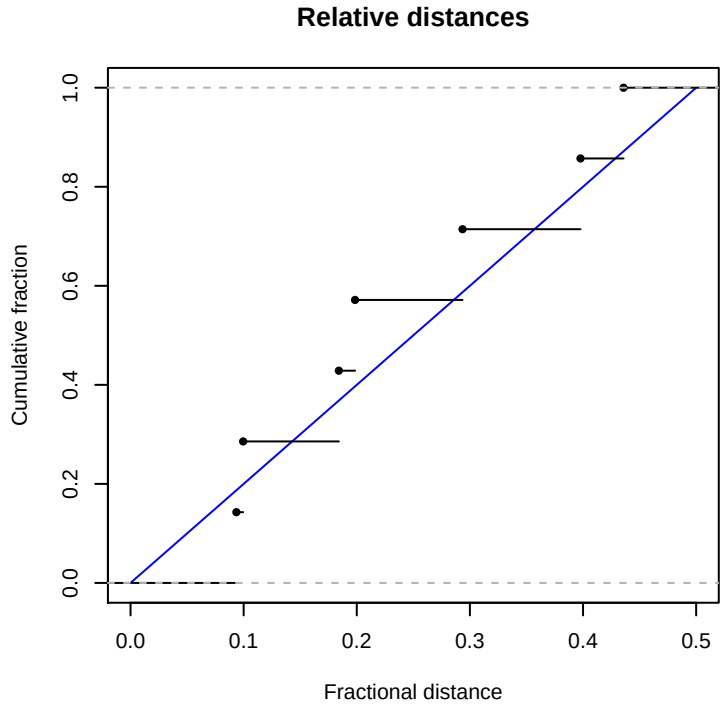




pcontig_080

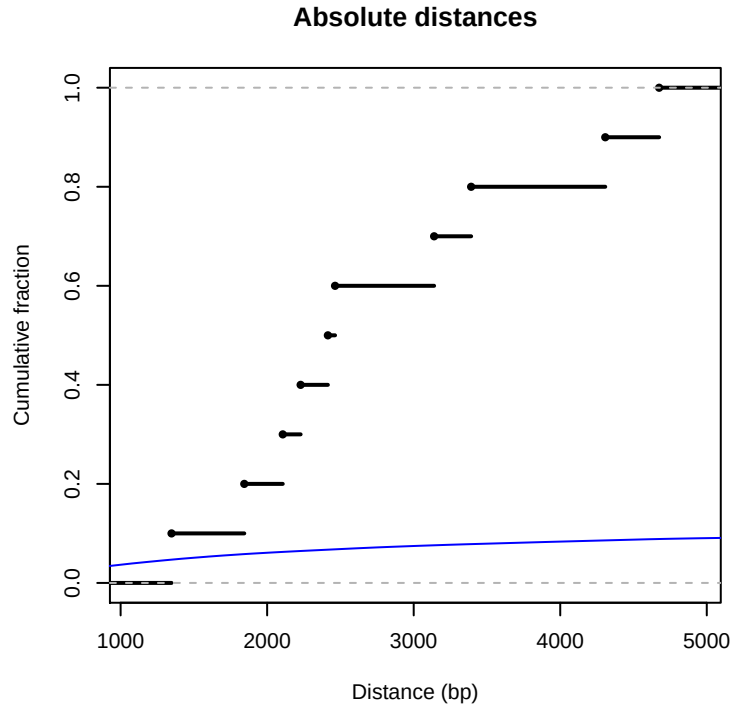
Query population : 7
Reference population : 62
Relative Ks p−value : 0.931137
Relative ecdf deviation area : 0.031751
Relative ecdf area correlation : 0.0269894
Relative ecdf deviation area p−value : 0.95
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.21
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.185159
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

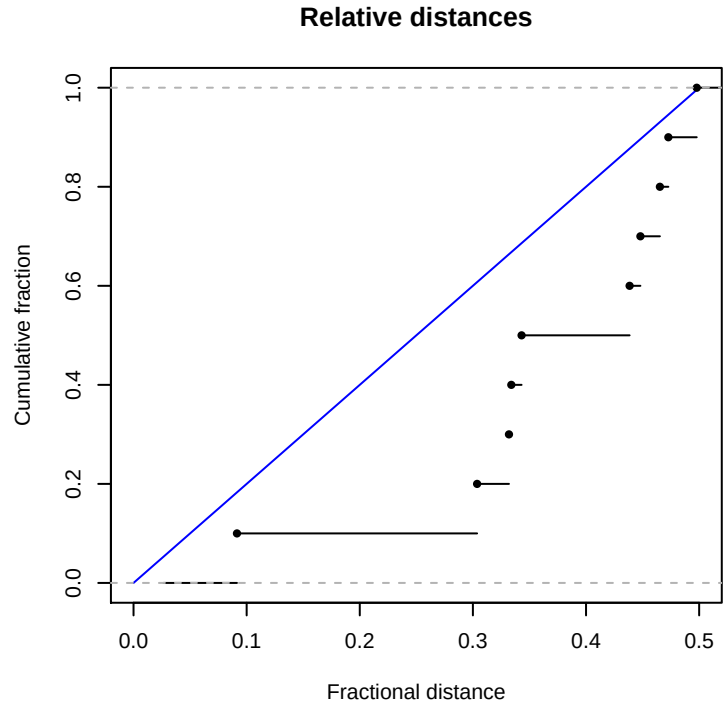




pcontig_081

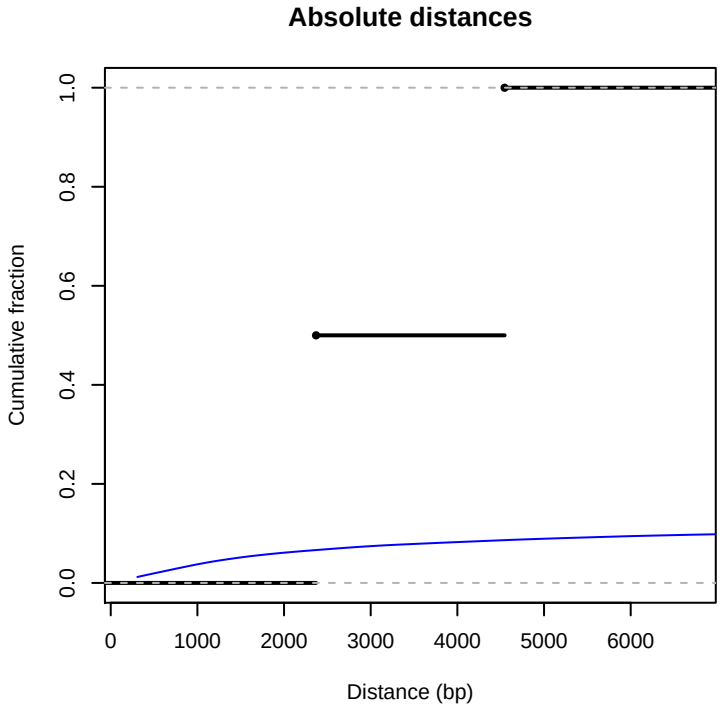
Query population : 10
Reference population : 58
Relative Ks p−value : 0.00654338
Relative ecdf deviation area : 0.123651
Relative ecdf area correlation : −0.490621
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.47
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.250744
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

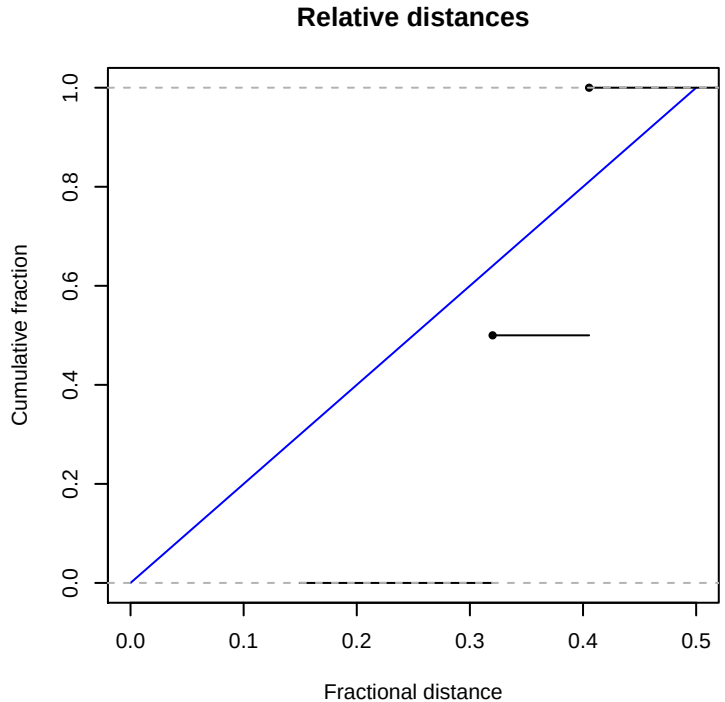




pcontig_082

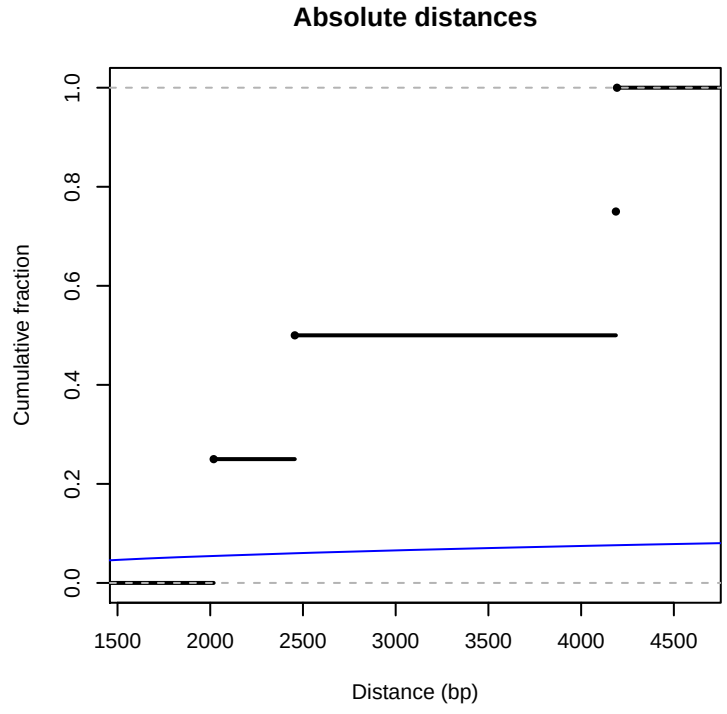
Query population : 2
Reference population : 60
Relative Ks p−value : 0.258965
Relative ecdf deviation area : 0.130575
Relative ecdf area correlation : −0.450942
Relative ecdf deviation area p−value : 0.26
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.04
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0515506
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

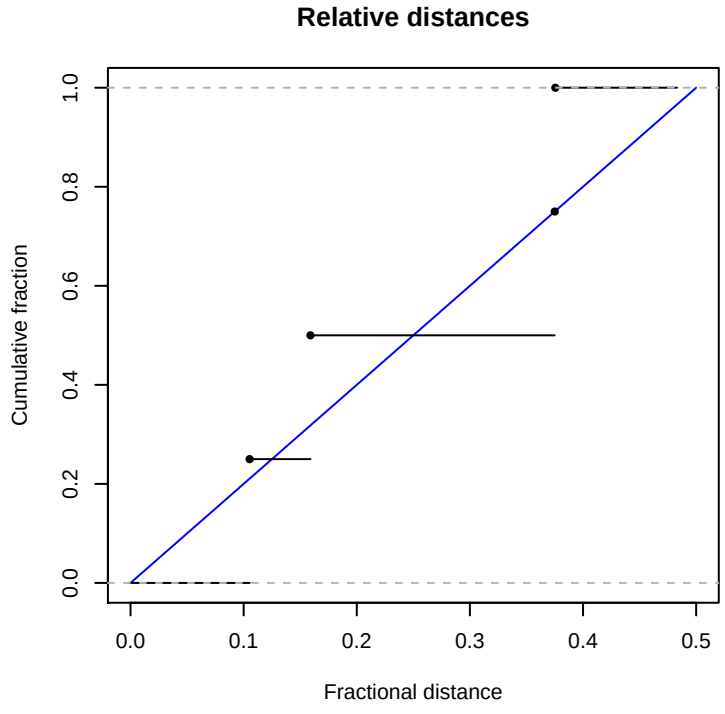




pcontig_083

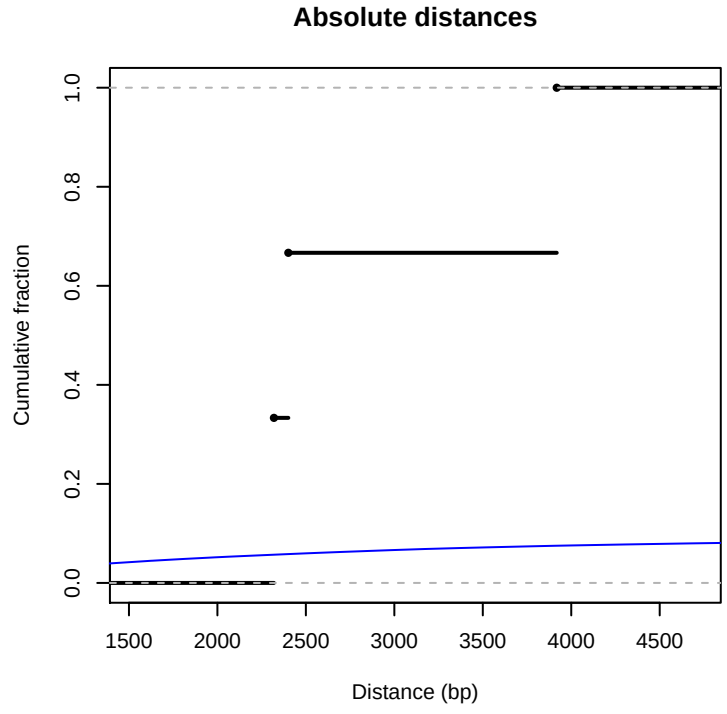
Query population : 4
Reference population : 54
Relative Ks p−value : 0.906225
Relative ecdf deviation area : 0.0520896
Relative ecdf area correlation : −0.0148656
Relative ecdf deviation area p−value : 0.79
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.23
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0989901
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

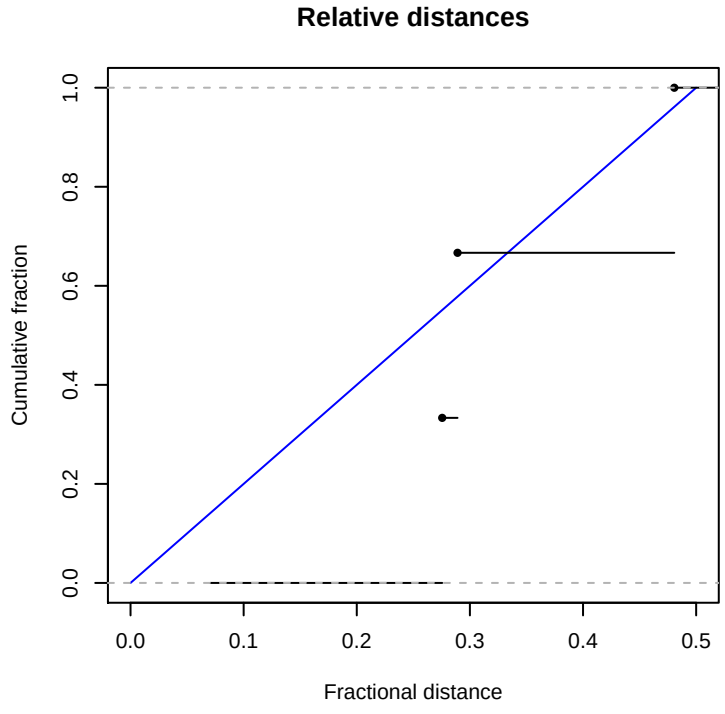




pcontig_084

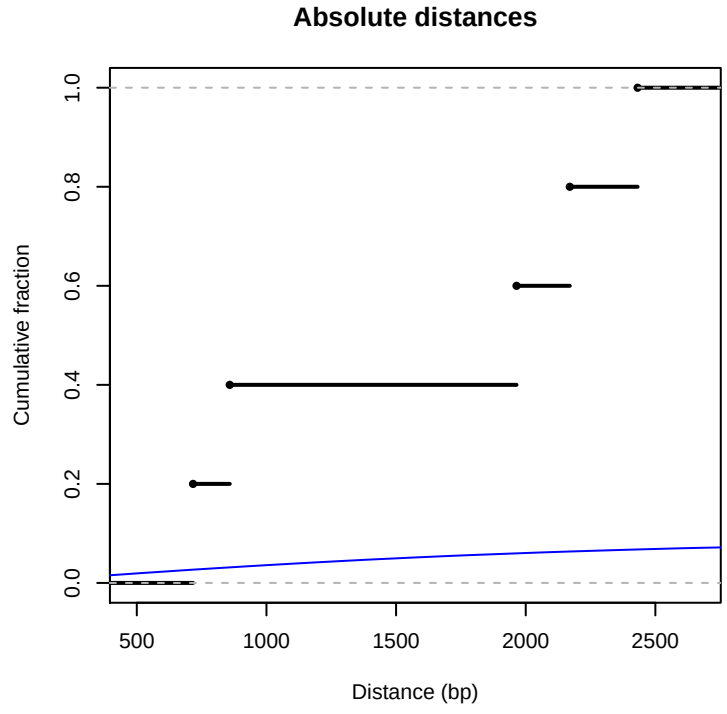
Query population : 3
Reference population : 47
Relative Ks p−value : 0.225201
Relative ecdf deviation area : 0.102982
Relative ecdf area correlation : −0.393692
Relative ecdf deviation area p−value : 0.48
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.1
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0707931
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

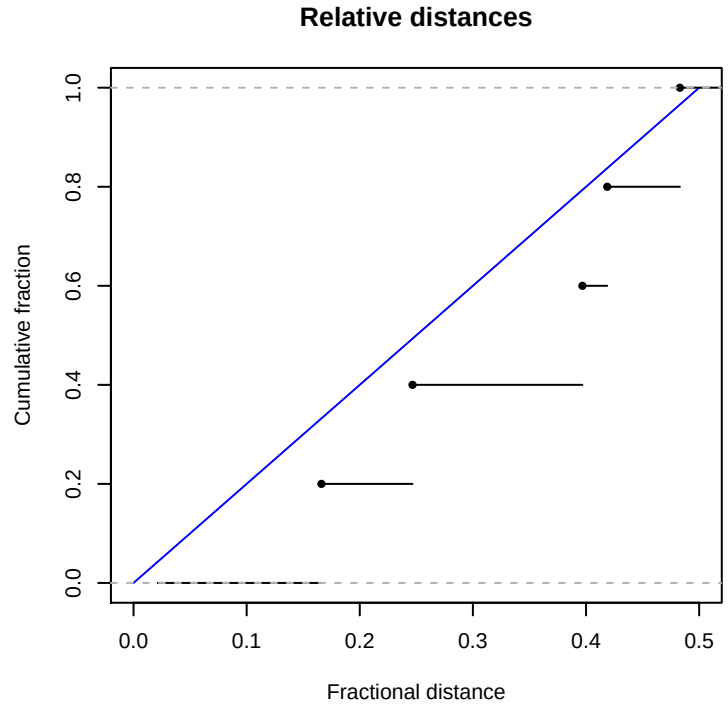




pcontig_086

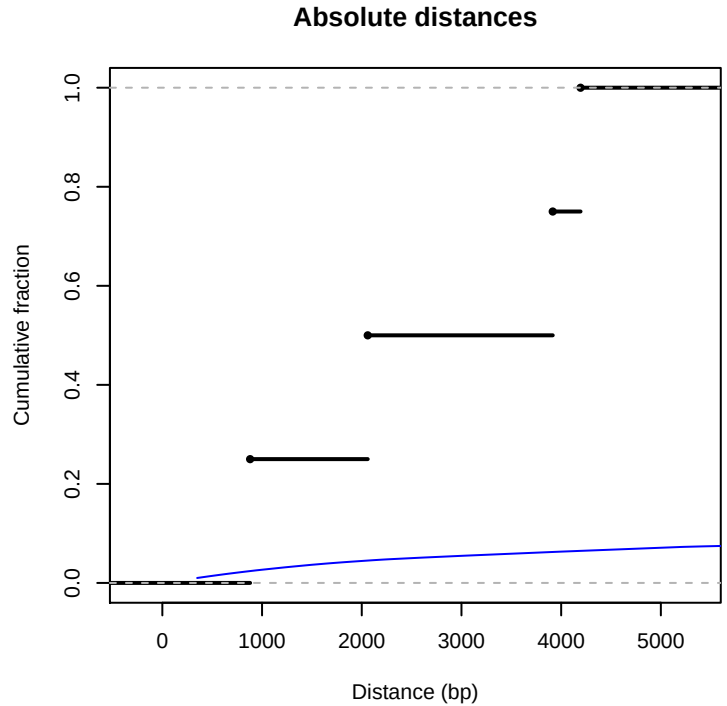
Query population : 5
Reference population : 60
Relative Ks p−value : 0.326248
Relative ecdf deviation area : 0.0922417
Relative ecdf area correlation : −0.369014
Relative ecdf deviation area p−value : 0.22
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.21
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.114887
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

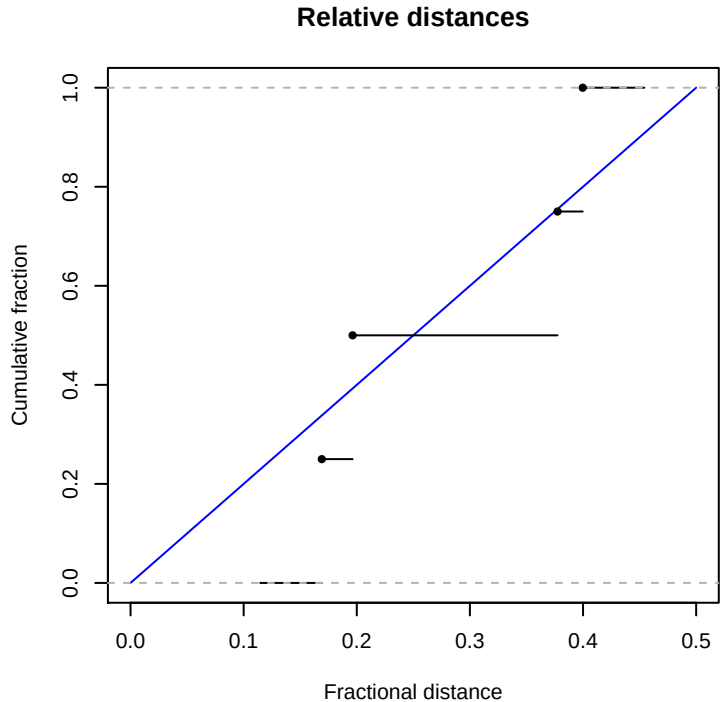




pcontig_087

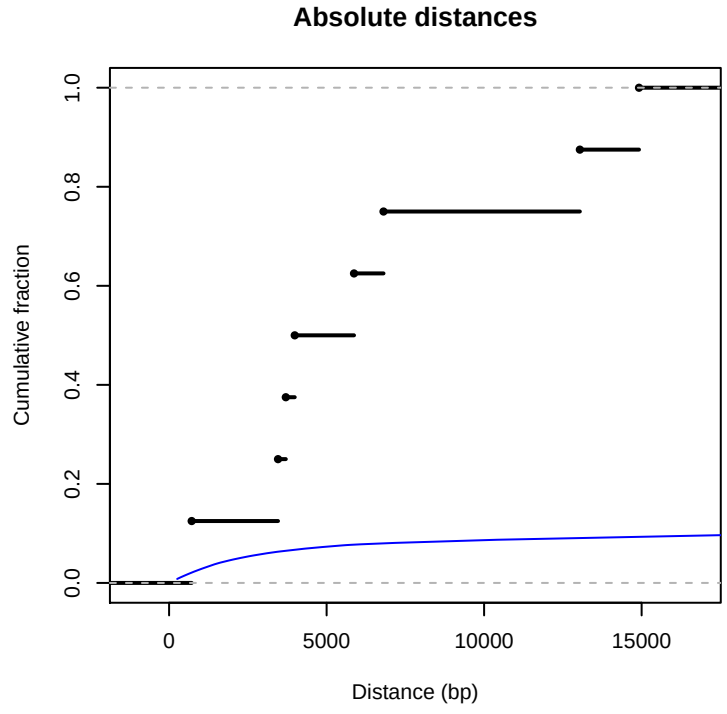
Query population : 4
Reference population : 44
Relative Ks p−value : 0.645495
Relative ecdf deviation area : 0.0615513
Relative ecdf area correlation : −0.142623
Relative ecdf deviation area p−value : 0.7
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.21
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0867077
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

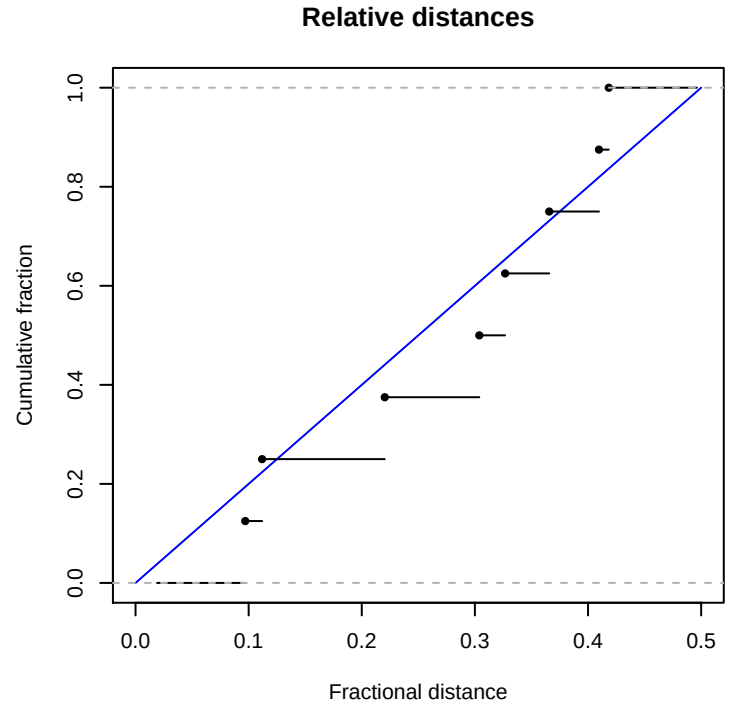




pcontig_088

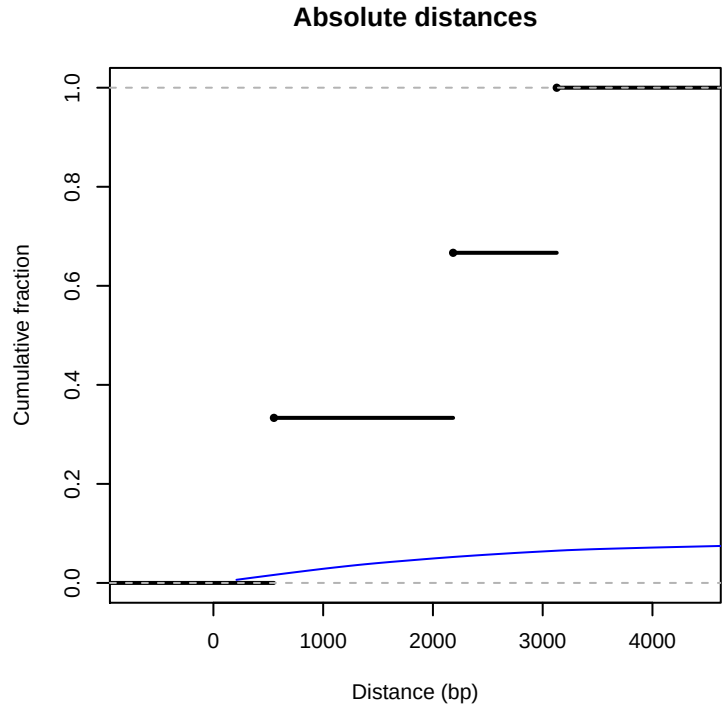
Query population : 8
Reference population : 48
Relative Ks p−value : 0.697293
Relative ecdf deviation area : 0.0467353
Relative ecdf area correlation : −0.126724
Relative ecdf deviation area p−value : 0.59
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.26
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.159972
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

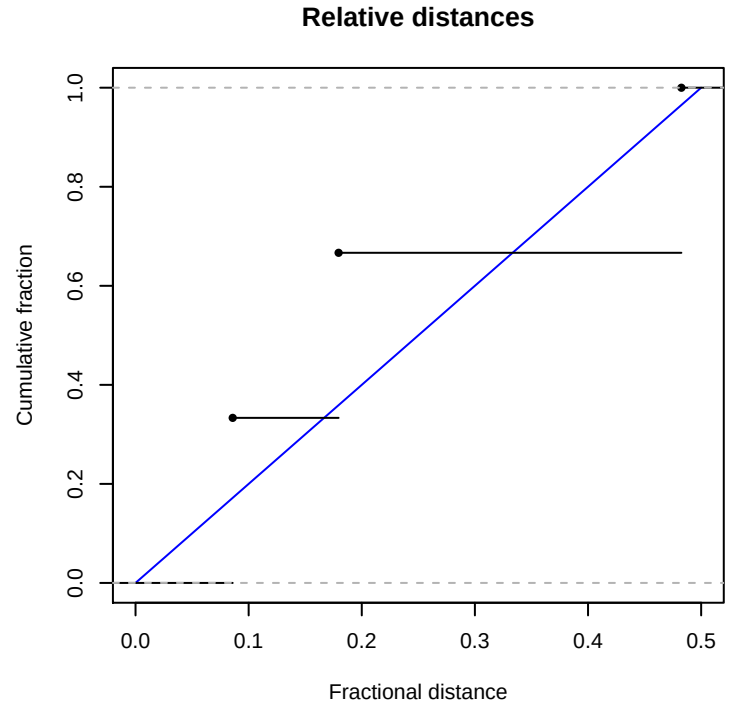




pcontig_089

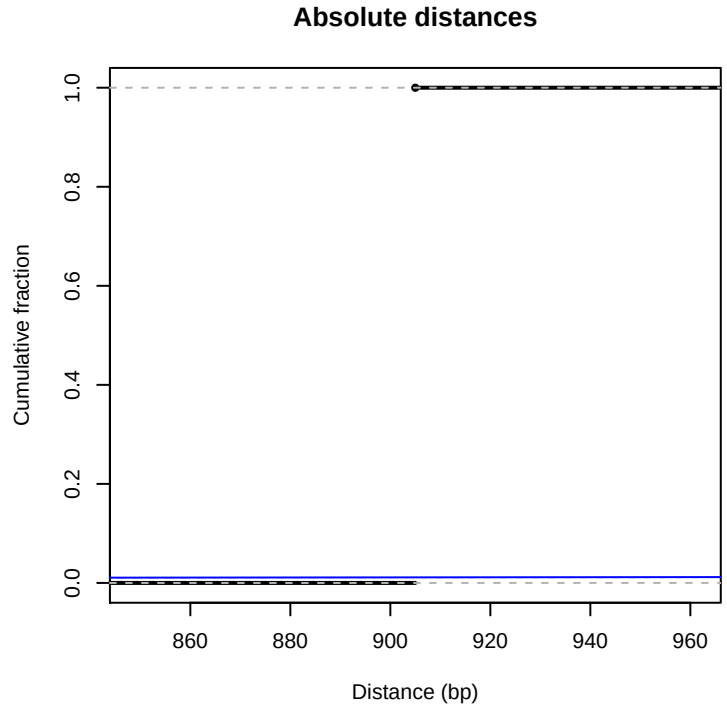
Query population : 3
Reference population : 46
Relative Ks p−value : 0.865499
Relative ecdf deviation area : 0.0603392
Relative ecdf area correlation : 0.00274317
Relative ecdf deviation area p−value : 0.81
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.12
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0793862
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

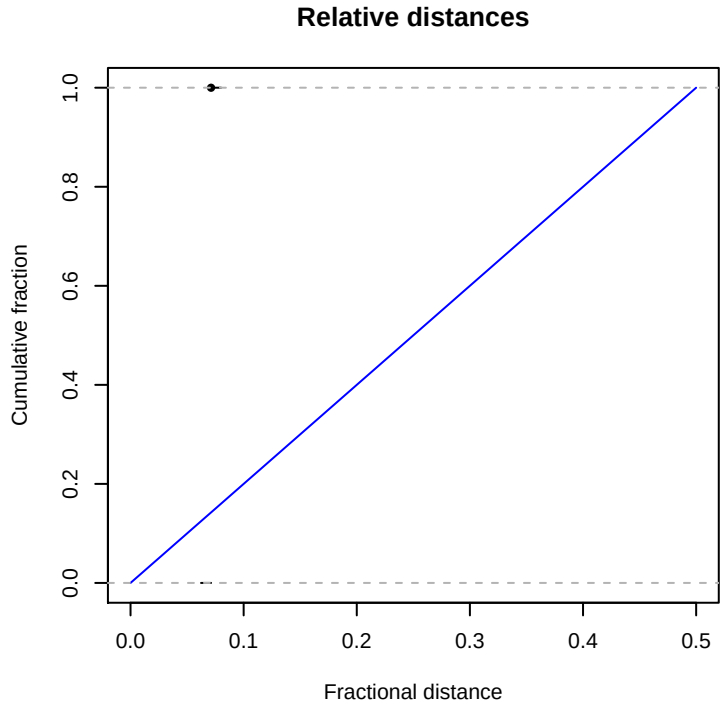




pcontig_090

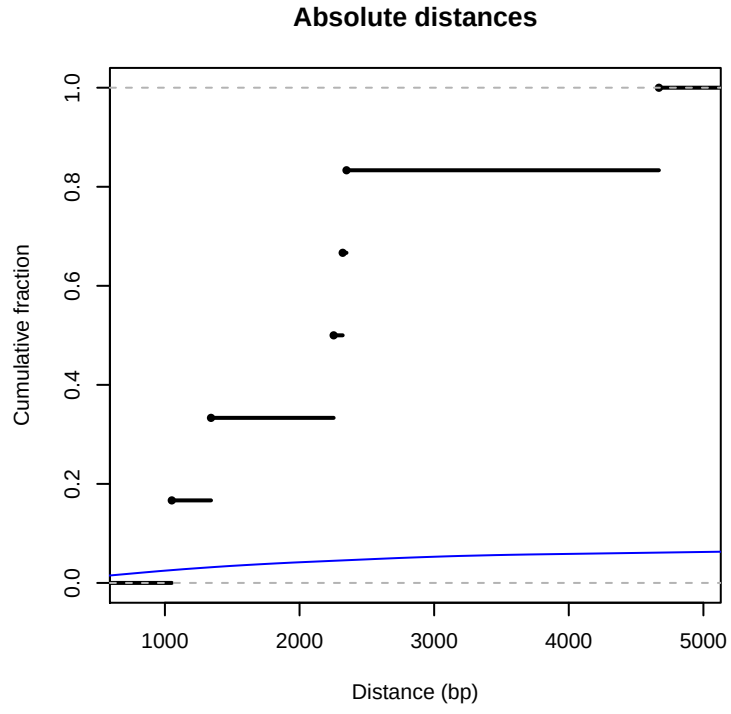
Query population : 1
Reference population : 21
Relative Ks p−value : 0.284804
Relative ecdf deviation area : 0.189188
Relative ecdf area correlation : 0.715196
Relative ecdf deviation area p−value : 0.21
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00950931
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

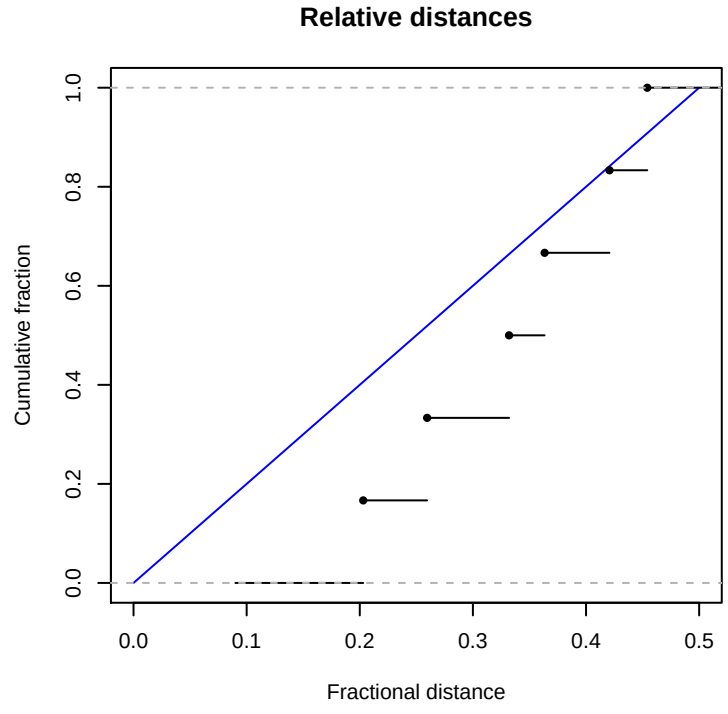




pcontig_091

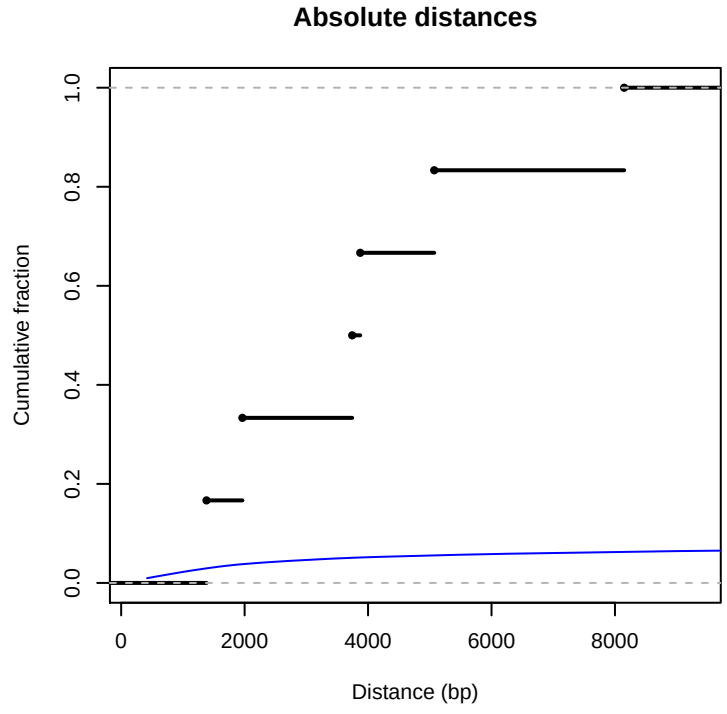
Query population : 6
Reference population : 39
Relative Ks p−value : 0.20966
Relative ecdf deviation area : 0.0927197
Relative ecdf area correlation : −0.355215
Relative ecdf deviation area p−value : 0.12
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.16
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.135589
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

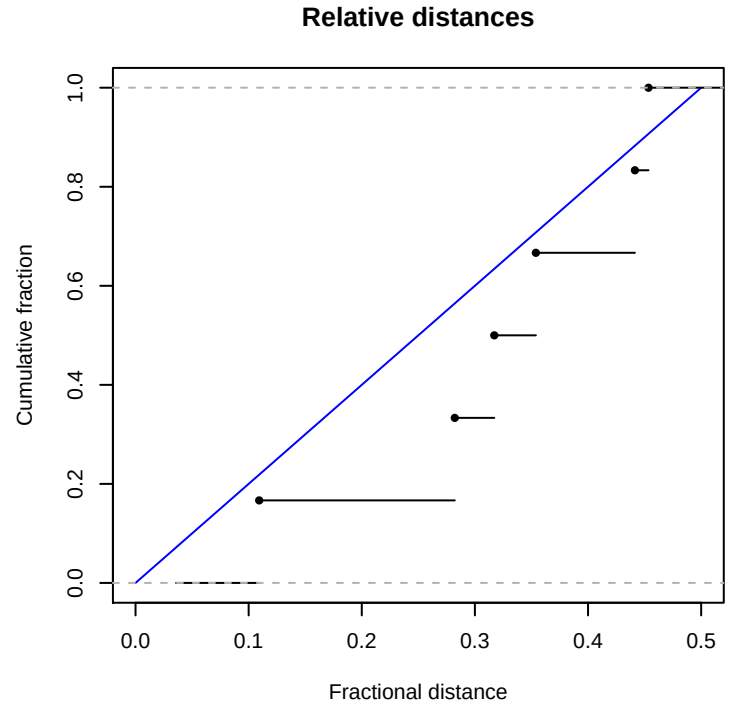




pcontig_092

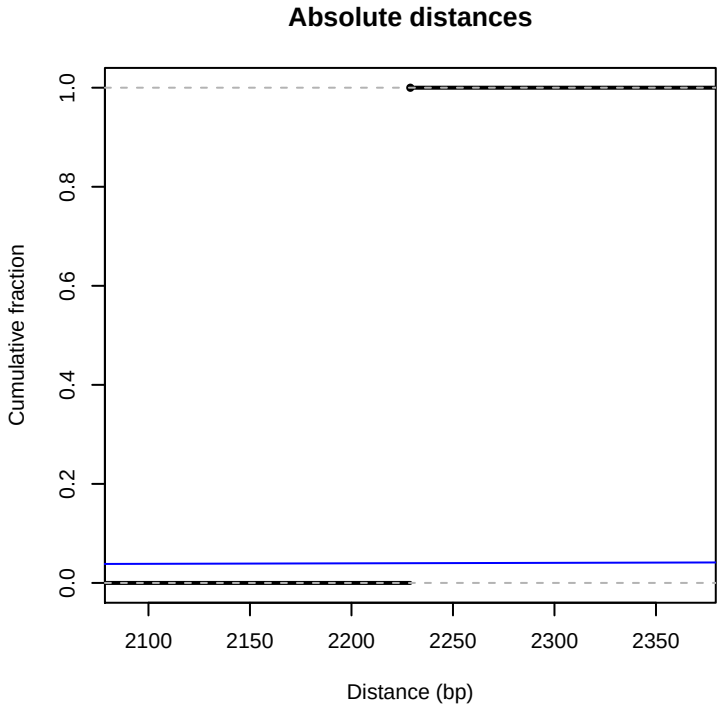
Query population : 6
Reference population : 35
Relative Ks p−value : 0.229465
Relative ecdf deviation area : 0.0802879
Relative ecdf area correlation : −0.304983
Relative ecdf deviation area p−value : 0.26
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.19
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.128868
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

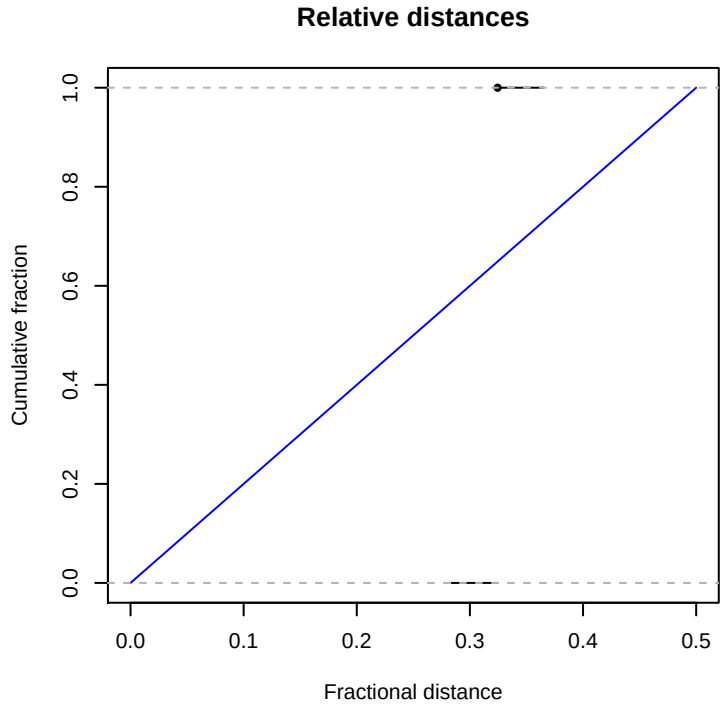




pcontig_095

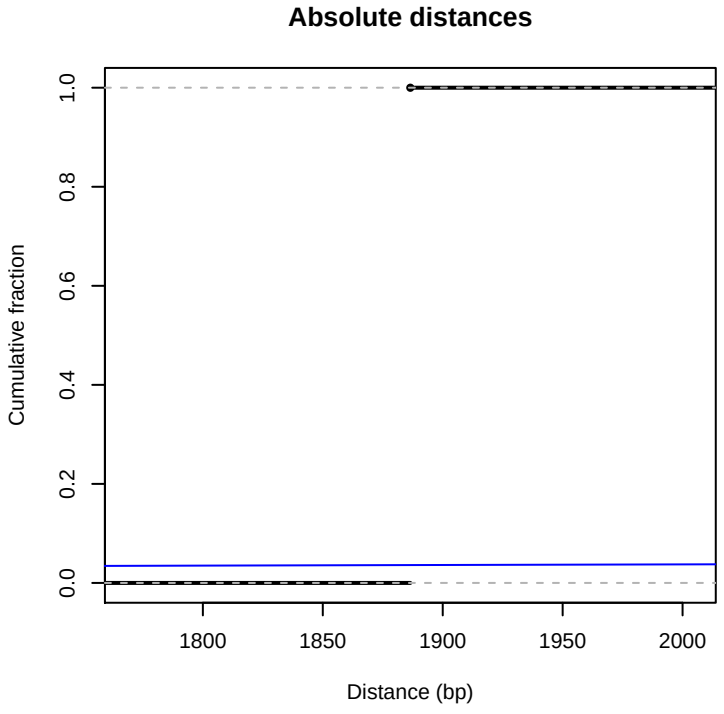
Query population : 1
Reference population : 37
Relative Ks p−value : 0.701994
Relative ecdf deviation area : 0.136029
Relative ecdf area correlation : −0.298006
Relative ecdf deviation area p−value : 0.69
Scaled Absolute min. distance p−value : 0.06
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0174714
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

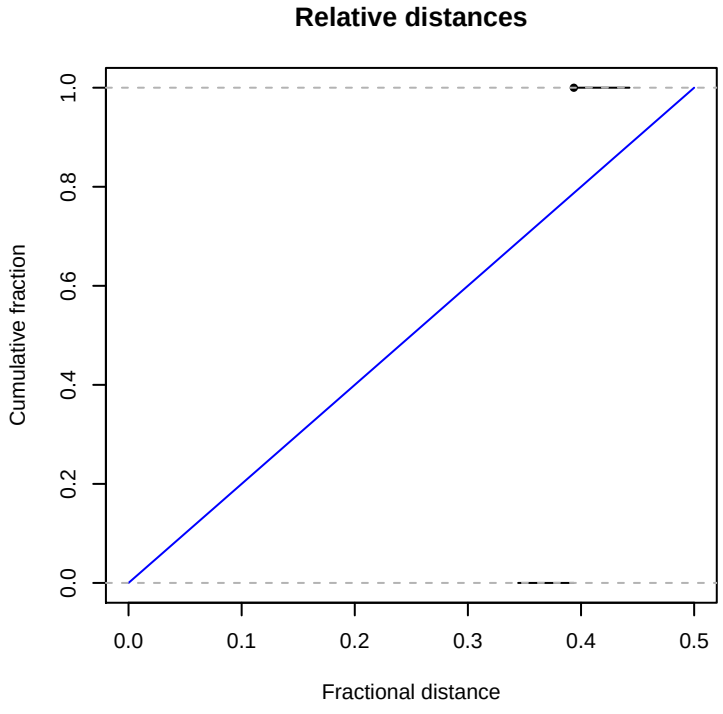




pcontig_097

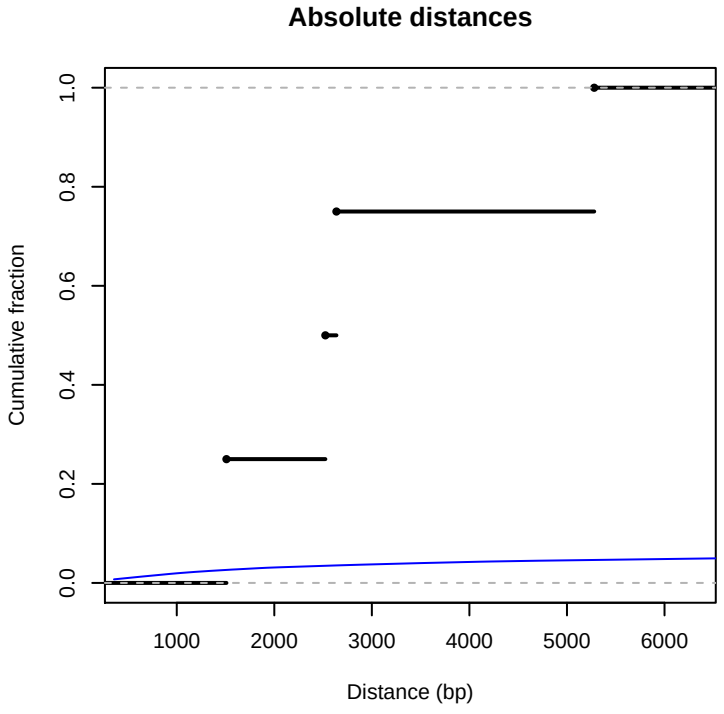
Query population : 1
Reference population : 35
Relative Ks p−value : 0.425456
Relative ecdf deviation area : 0.166529
Relative ecdf area correlation : −0.574544
Relative ecdf deviation area p−value : 0.42
Scaled Absolute min. distance p−value : 0.04
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0184047
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

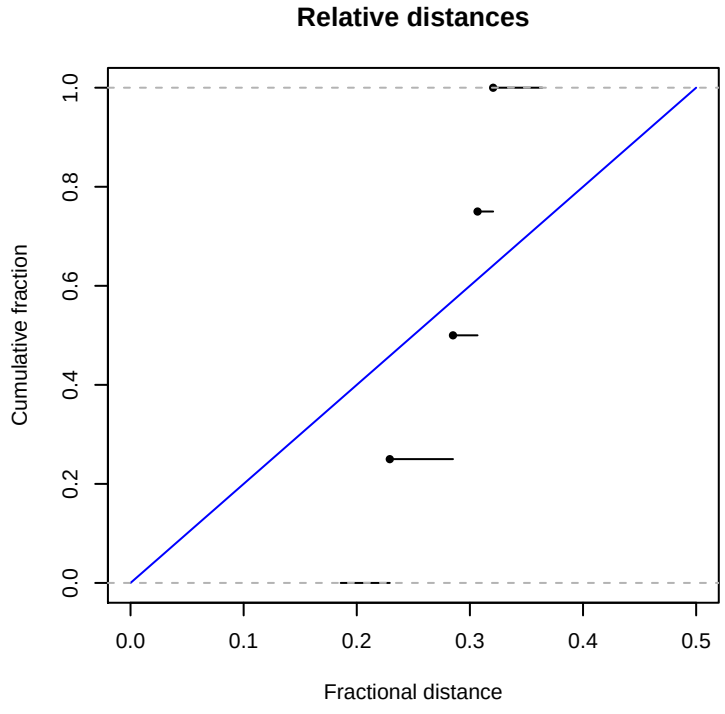




pcontig_100

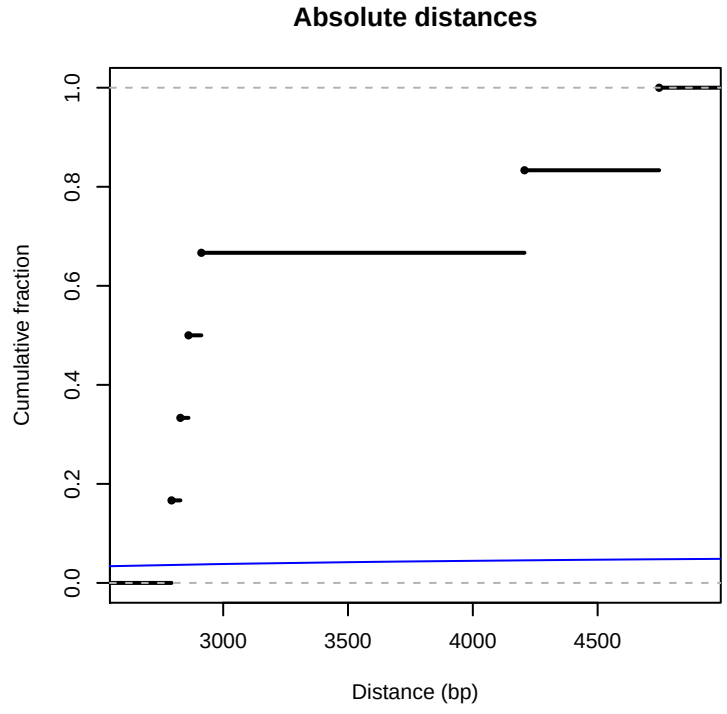
Query population : 4
Reference population : 31
Relative Ks p−value : 0.272217
Relative ecdf deviation area : 0.103441
Relative ecdf area correlation : −0.141525
Relative ecdf deviation area p−value : 0.28
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.0600000000000001
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0626393
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

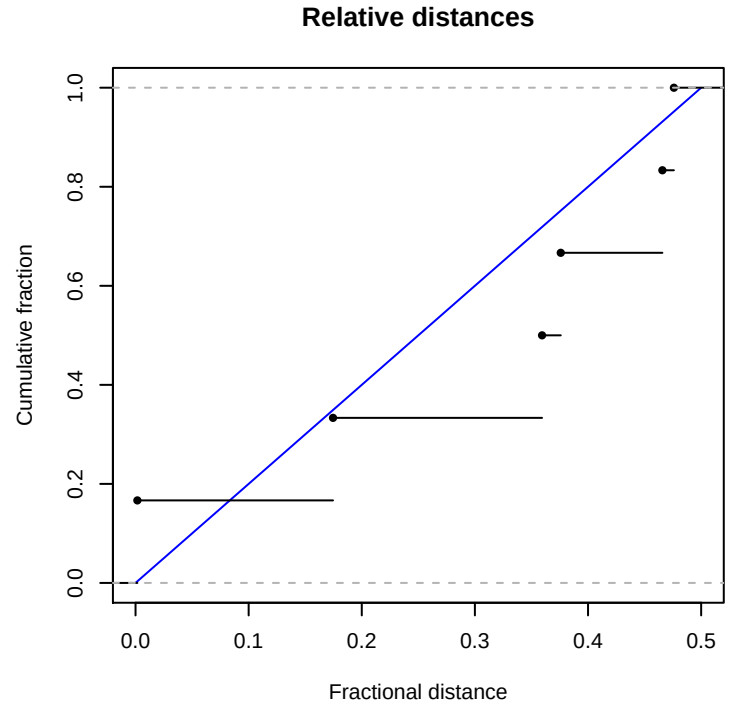




pcontig_103

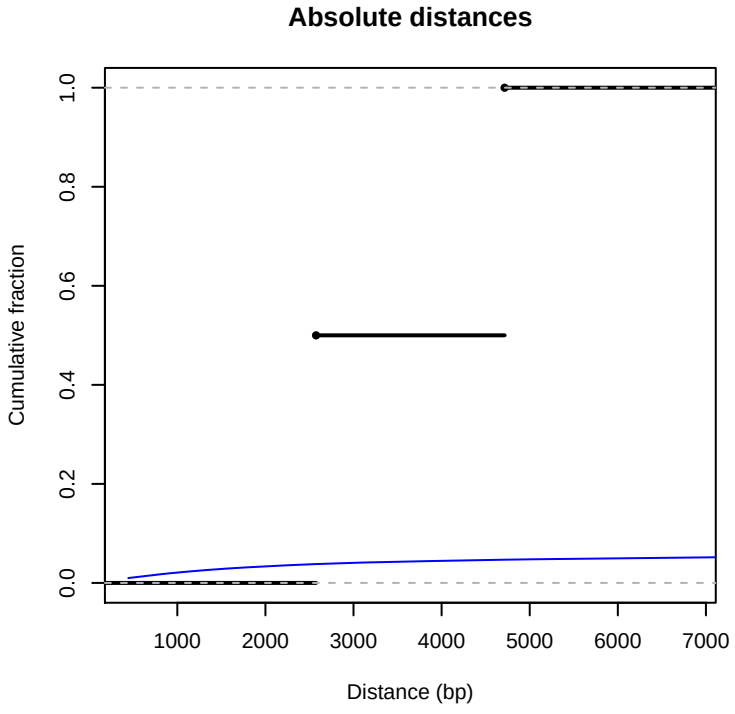
Query population : 6
Reference population : 25
Relative Ks p−value : 0.261122
Relative ecdf deviation area : 0.0737114
Relative ecdf area correlation : −0.235418
Relative ecdf deviation area p−value : 0.32
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.09
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0761902
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

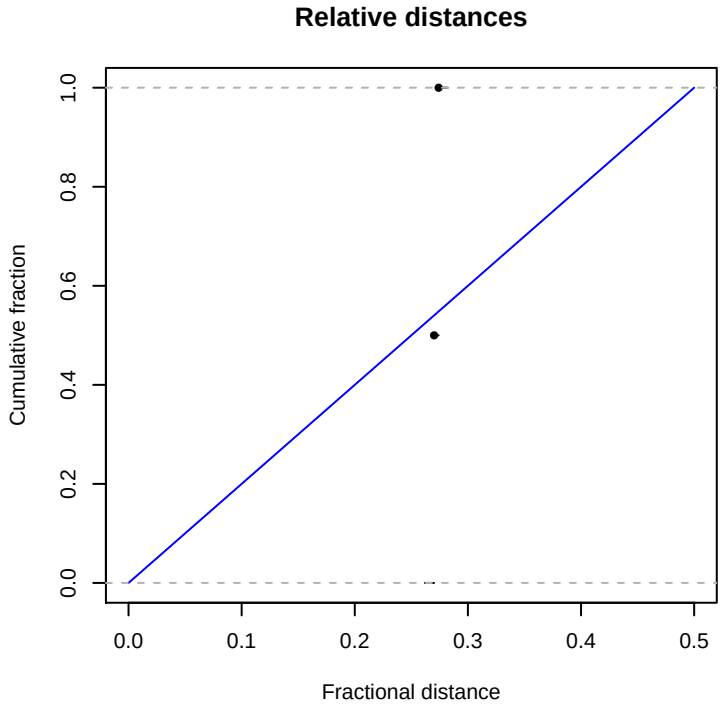




pcontig_104

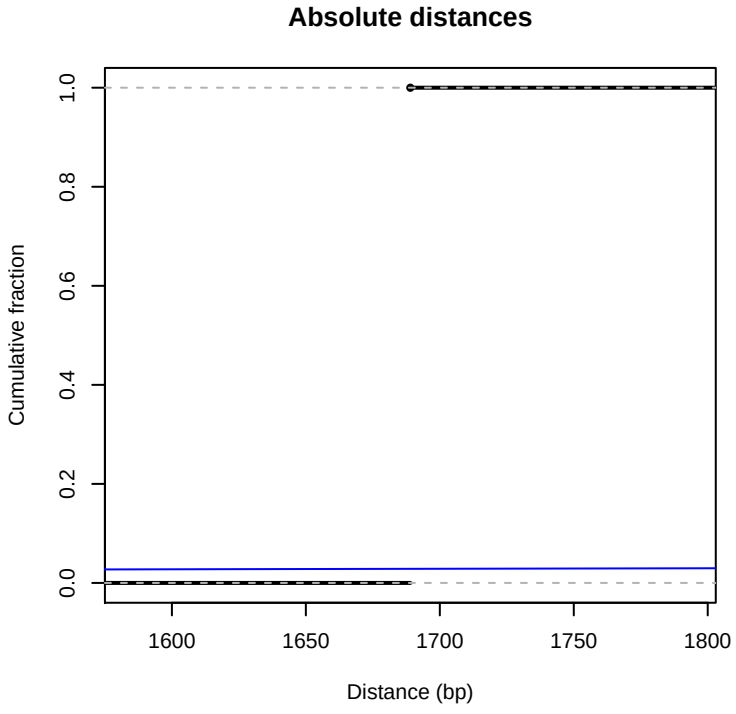
Query population : 2
Reference population : 34
Relative Ks p−value : 0.422861
Relative ecdf deviation area : 0.126099
Relative ecdf area correlation : −0.0884359
Relative ecdf deviation area p−value : 0.4
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.04
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0363174
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

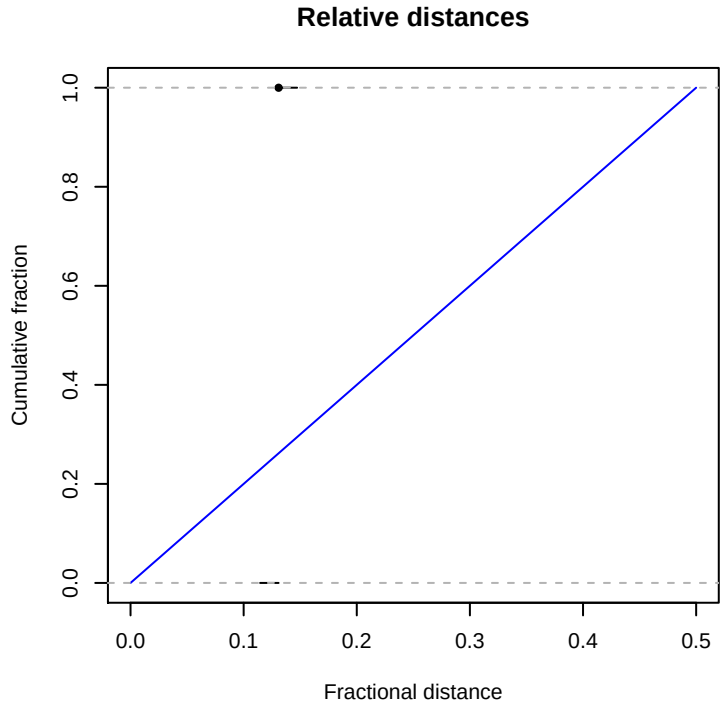




pcontig_106

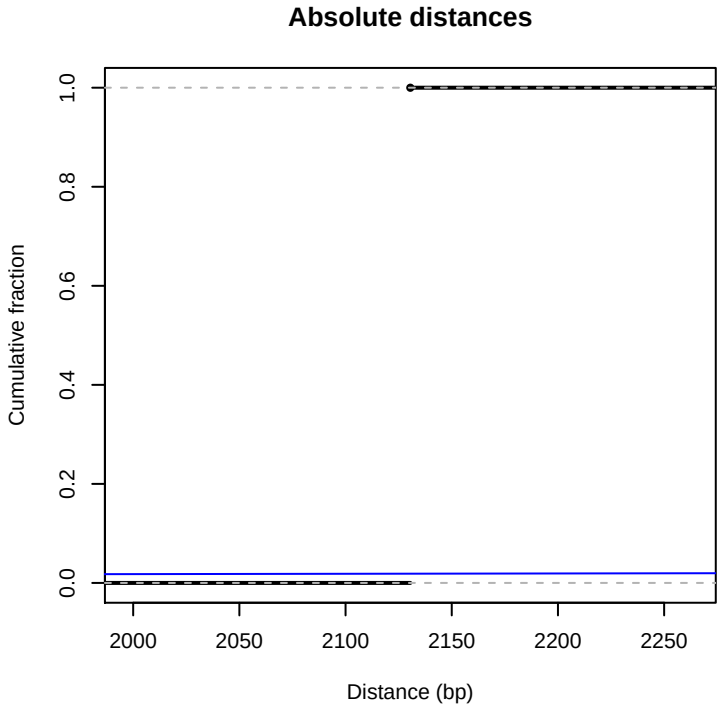
Query population : 1
Reference population : 30
Relative Ks p−value : 0.523559
Relative ecdf deviation area : 0.15323
Relative ecdf area correlation : 0.476441
Relative ecdf deviation area p−value : 0.47
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0176487
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

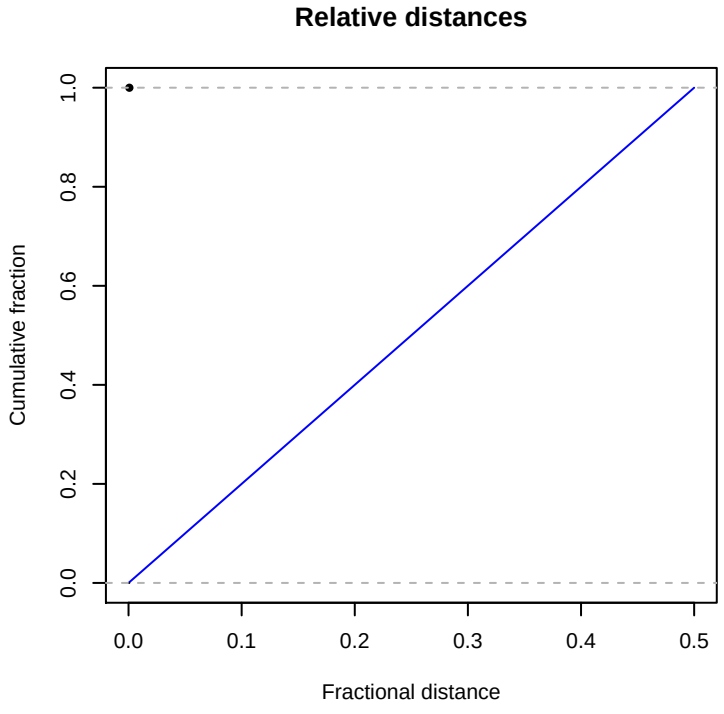




pcontig_112

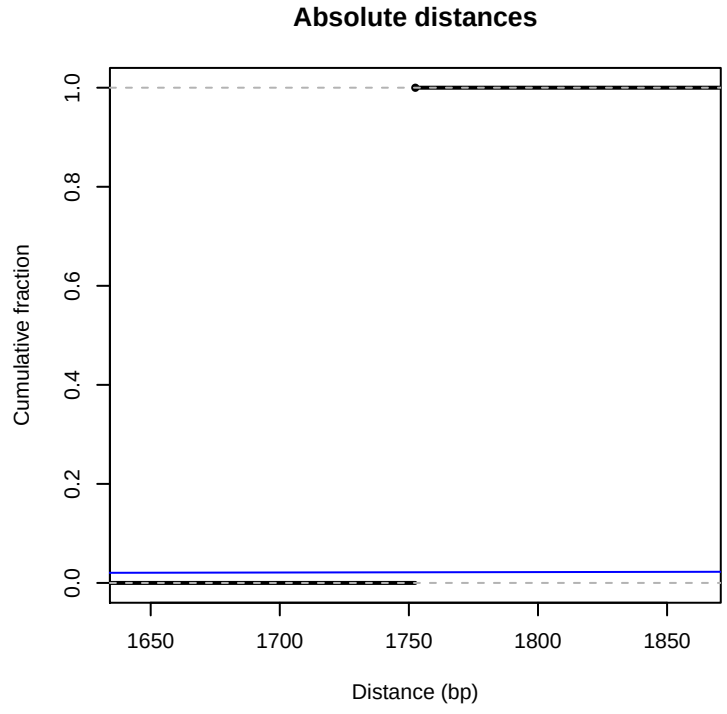
Query population : 1
Reference population : 18
Relative Ks p−value : 0.00287564
Relative ecdf deviation area : 0.25
Relative ecdf area correlation : 0.997124
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : 0.03
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0060612
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

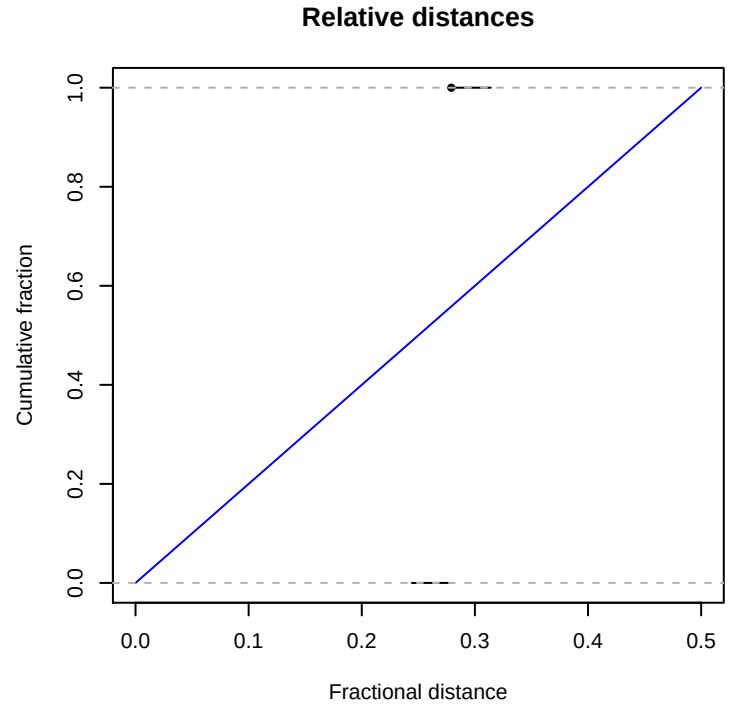




pcontig_115

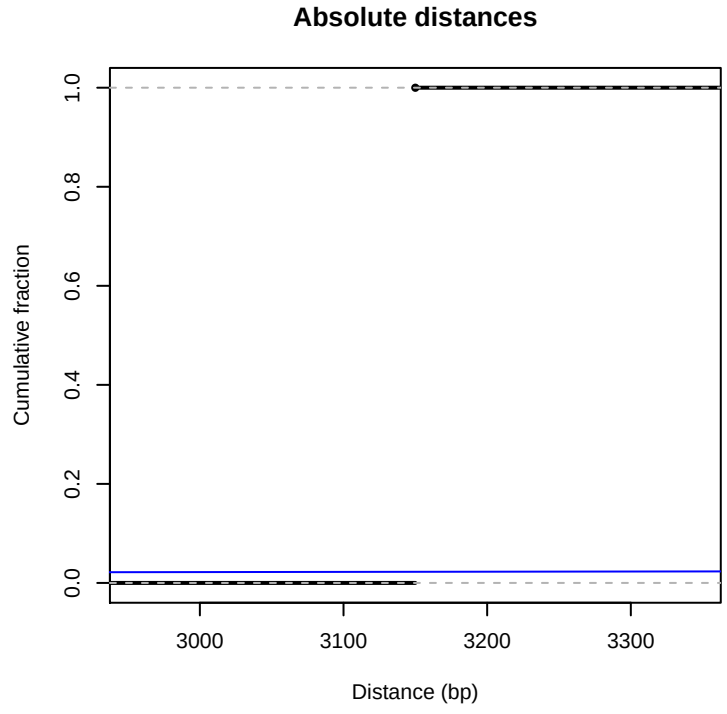
Query population : 1
Reference population : 26
Relative Ks p−value : 0.883313
Relative ecdf deviation area : 0.126943
Relative ecdf area correlation : −0.116687
Relative ecdf deviation area p−value : 0.85
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00797058
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

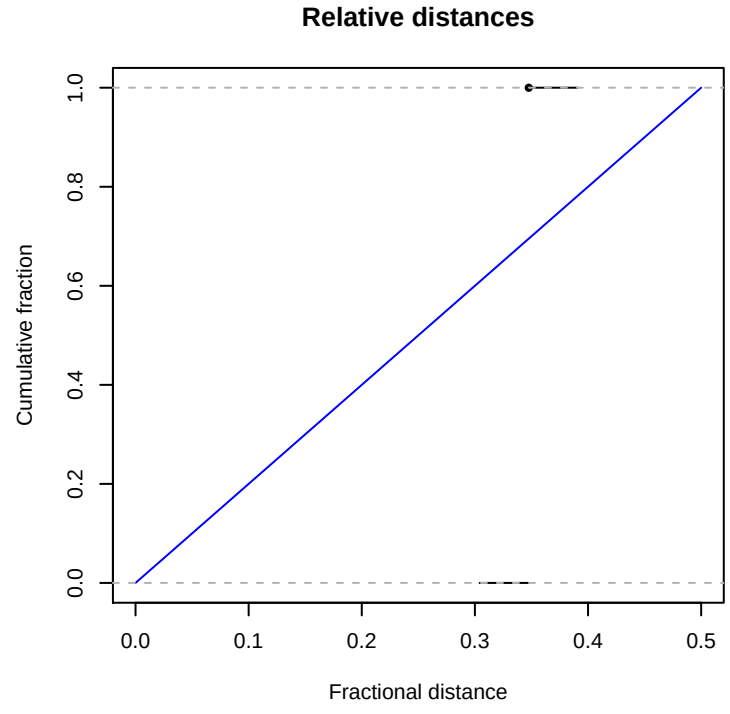




pcontig_120

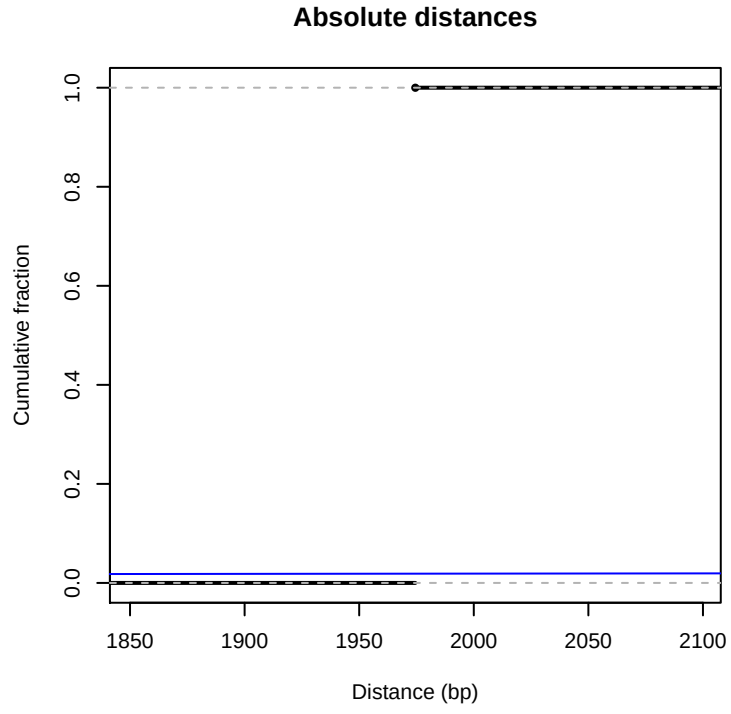
Query population : 1
Reference population : 18
Relative Ks p−value : 0.609578
Relative ecdf deviation area : 0.144178
Relative ecdf area correlation : −0.390422
Relative ecdf deviation area p−value : 0.57
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00608145
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

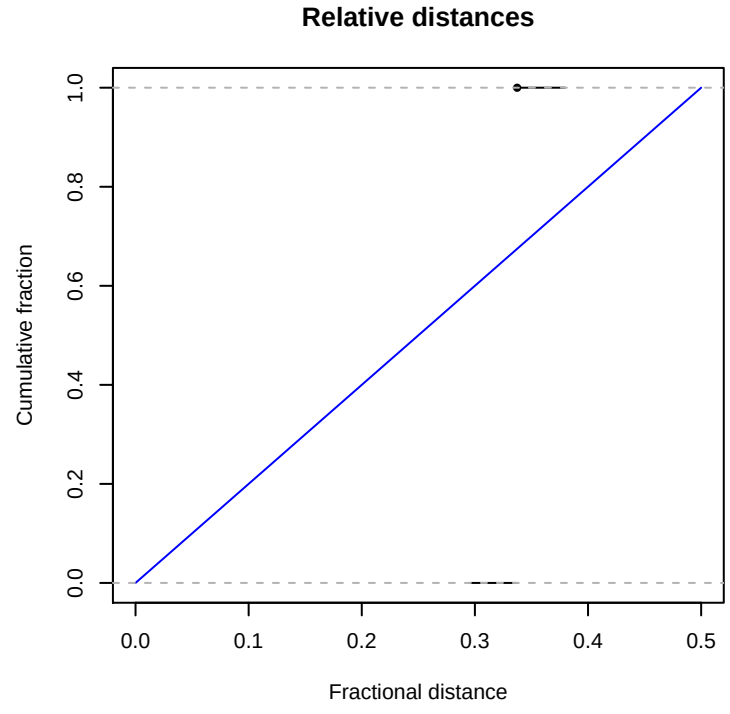




pcontig_129

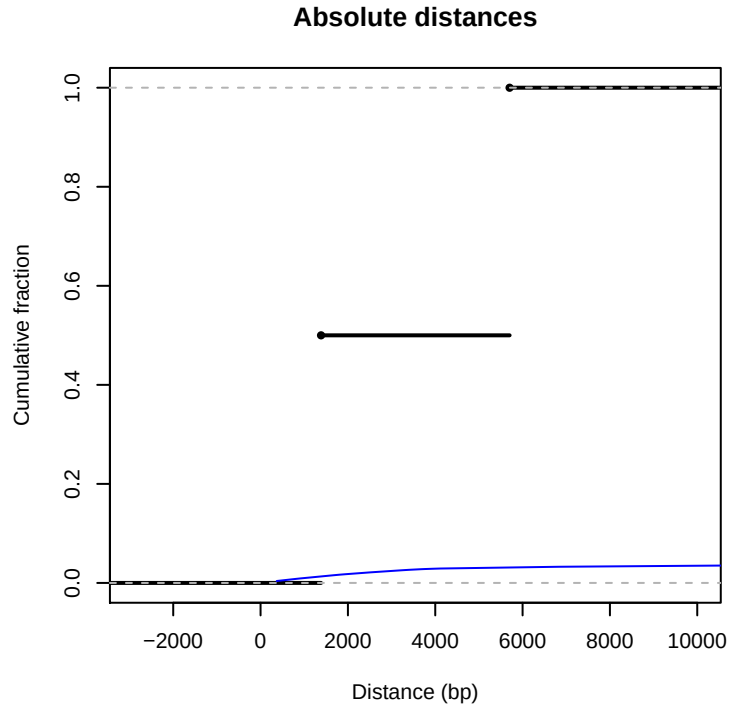
Query population : 1
Reference population : 20
Relative Ks p−value : 0.650722
Relative ecdf deviation area : 0.14044
Relative ecdf area correlation : −0.349278
Relative ecdf deviation area p−value : 0.68
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00980157
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

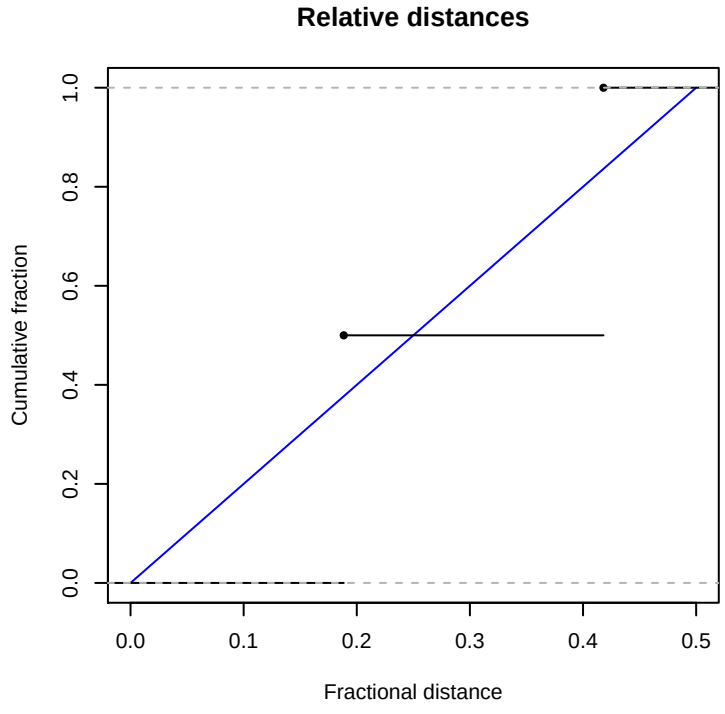




pcontig_130

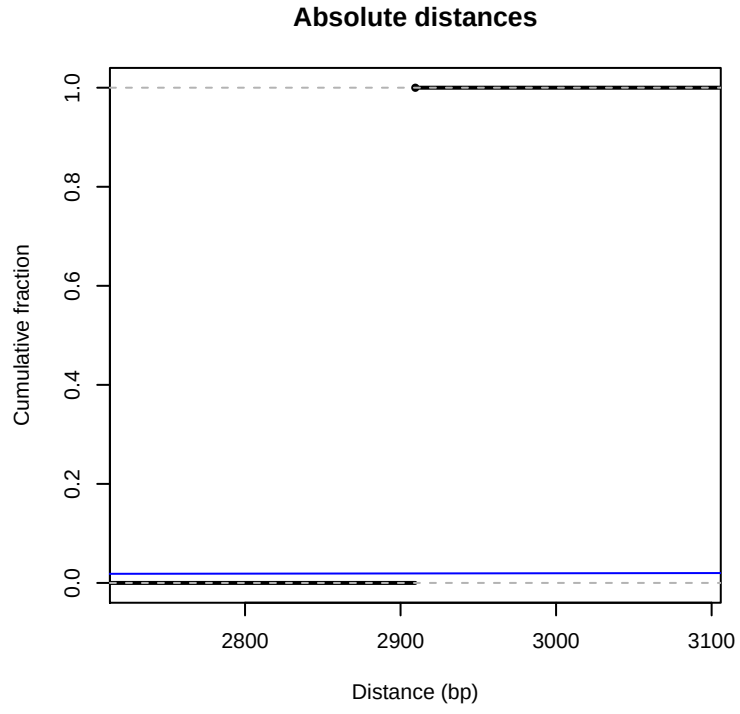
Query population : 2
Reference population : 16
Relative Ks p−value : 0.871006
Relative ecdf deviation area : 0.074299
Relative ecdf area correlation : −0.213106
Relative ecdf deviation area p−value : 0.77
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0175725
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

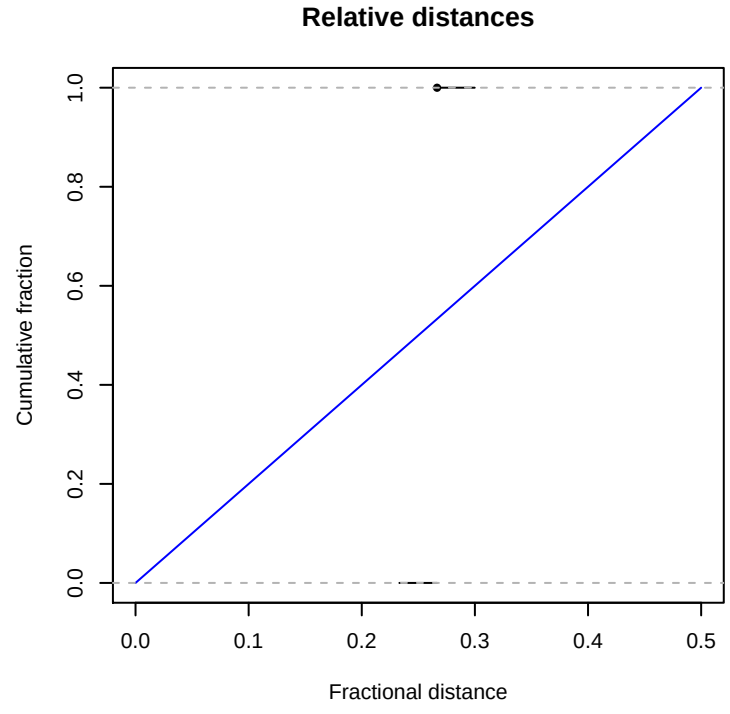




pcontig_138

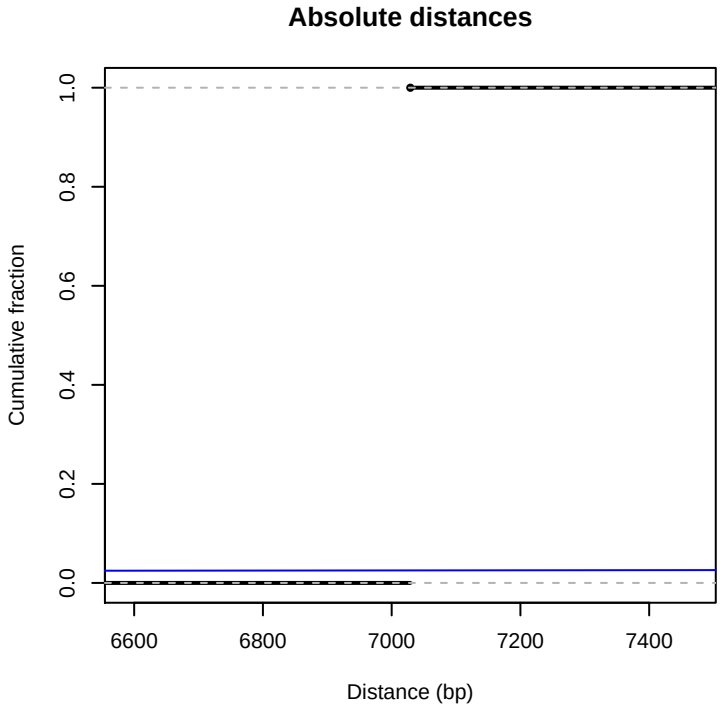
Query population : 1
Reference population : 16
Relative Ks p−value : 0.933859
Relative ecdf deviation area : 0.125551
Relative ecdf area correlation : −0.0661414
Relative ecdf deviation area p−value : 0.87
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00636457
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

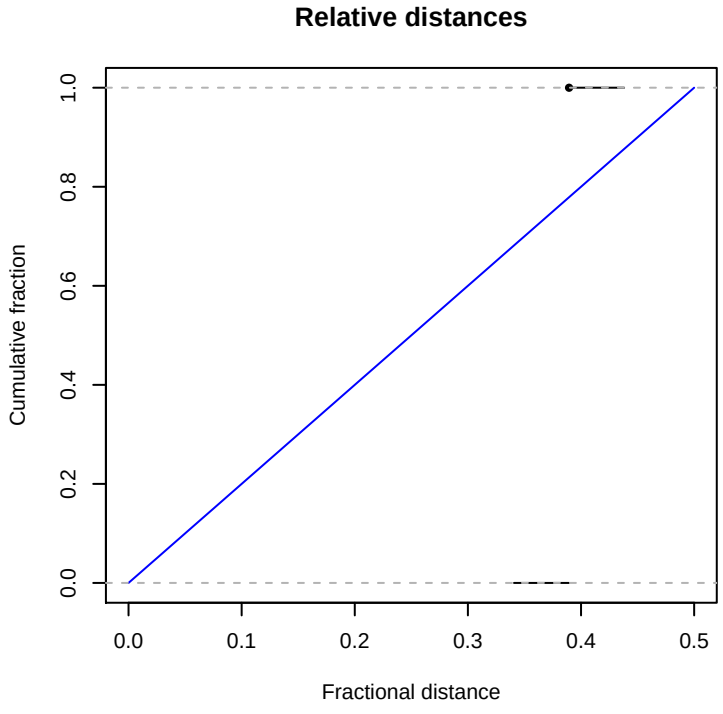




pcontig_147

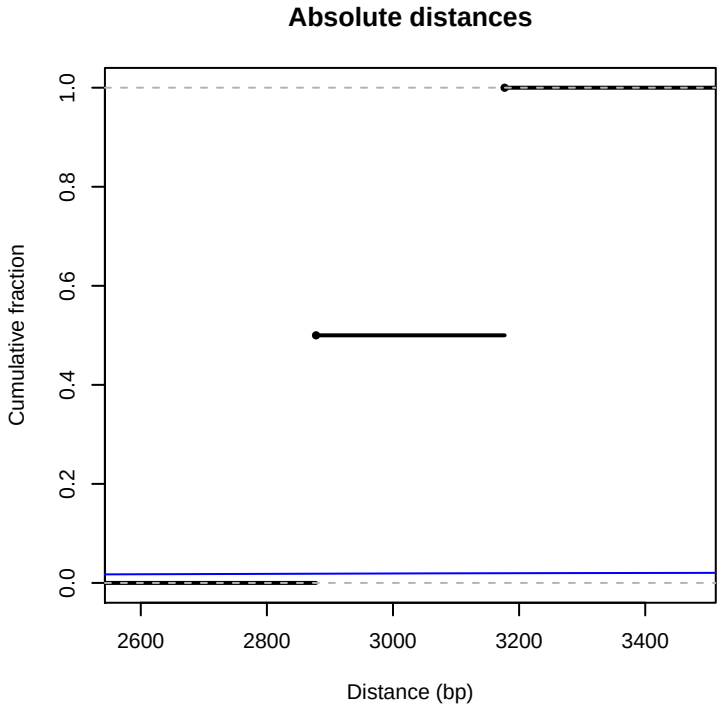
Query population : 1
Reference population : 13
Relative Ks p−value : 0.442327
Relative ecdf deviation area : 0.163896
Relative ecdf area correlation : −0.557673
Relative ecdf deviation area p−value : 0.49
Scaled Absolute min. distance p−value : 0.04
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00919255
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

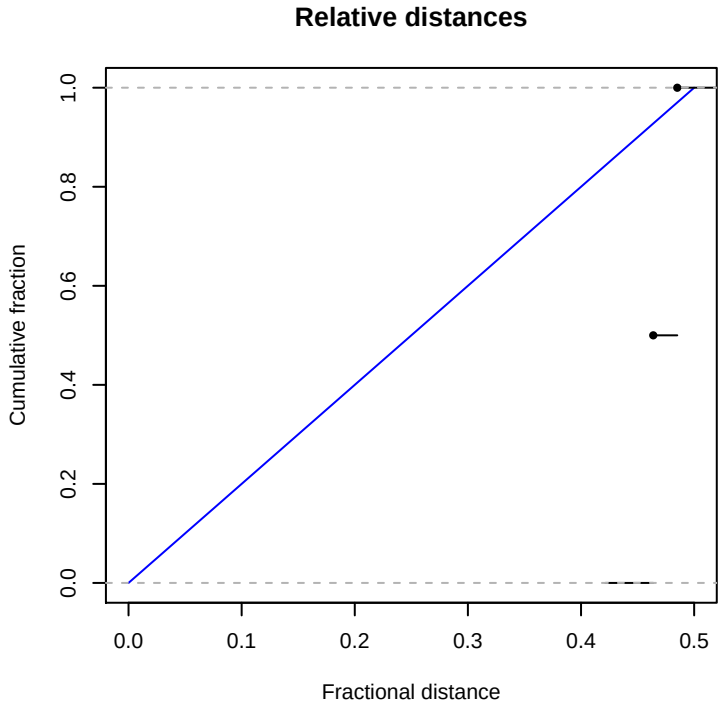




pcontig_148

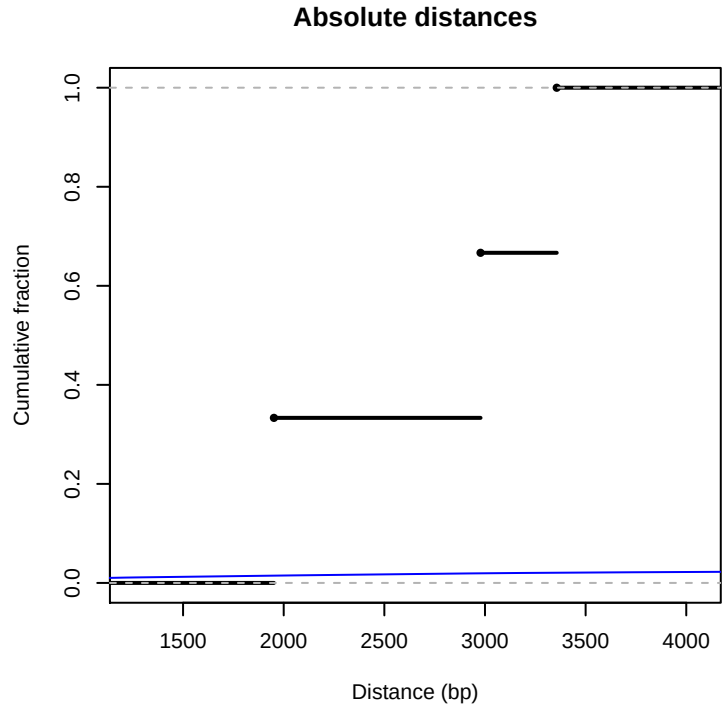
Query population : 2
Reference population : 13
Relative Ks p−value : 0.0104506
Relative ecdf deviation area : 0.225303
Relative ecdf area correlation : −0.897864
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0192781
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

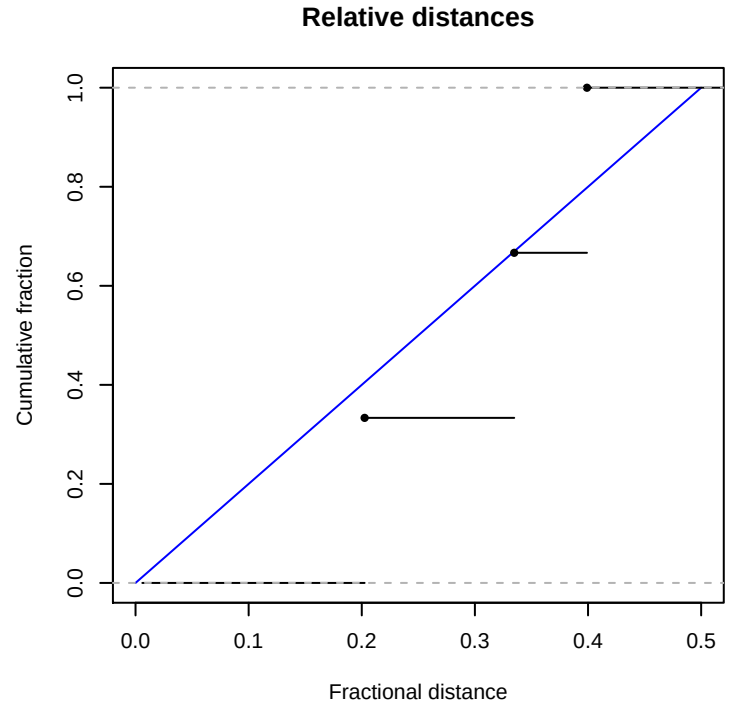




pcontig_149

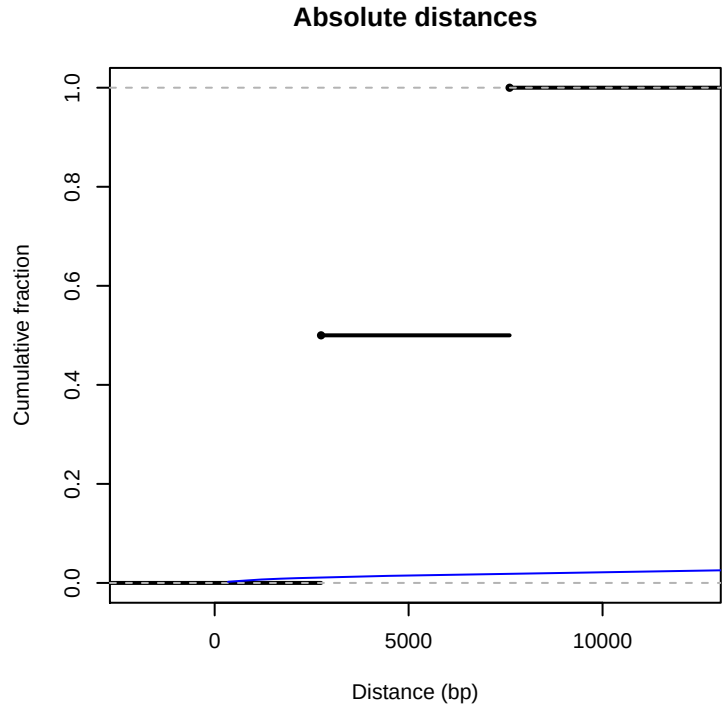
Query population : 3
Reference population : 15
Relative Ks p−value : 0.580689
Relative ecdf deviation area : 0.0821054
Relative ecdf area correlation : −0.248463
Relative ecdf deviation area p−value : 0.54
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.07
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0177968
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

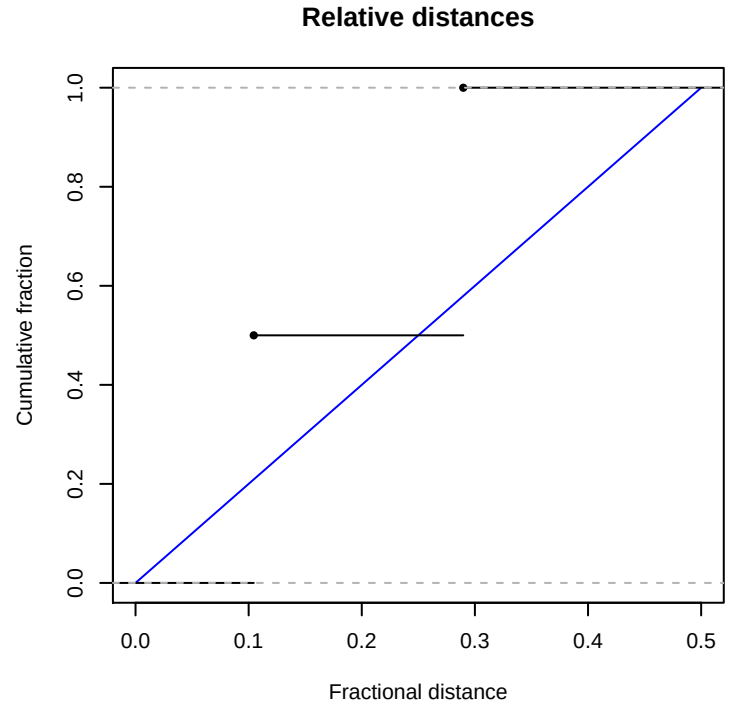




pcontig_150

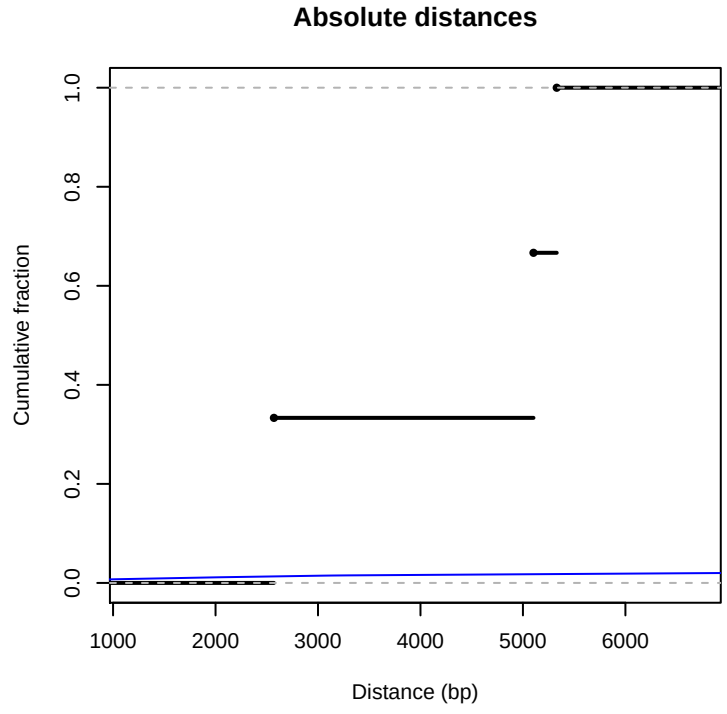
Query population : 2
Reference population : 10
Relative Ks p−value : 0.767186
Relative ecdf deviation area : 0.0780533
Relative ecdf area correlation : 0.211544
Relative ecdf deviation area p−value : 0.76
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure 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

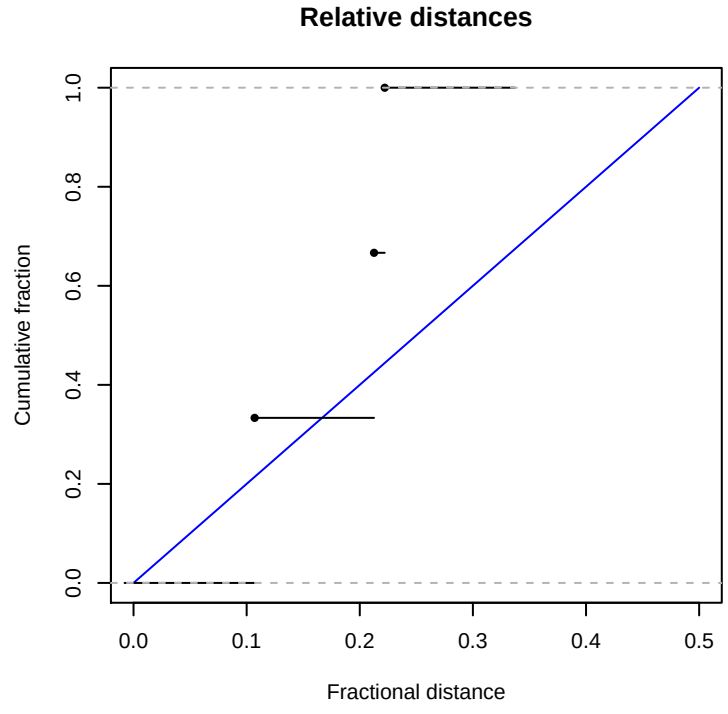




pcontig_157

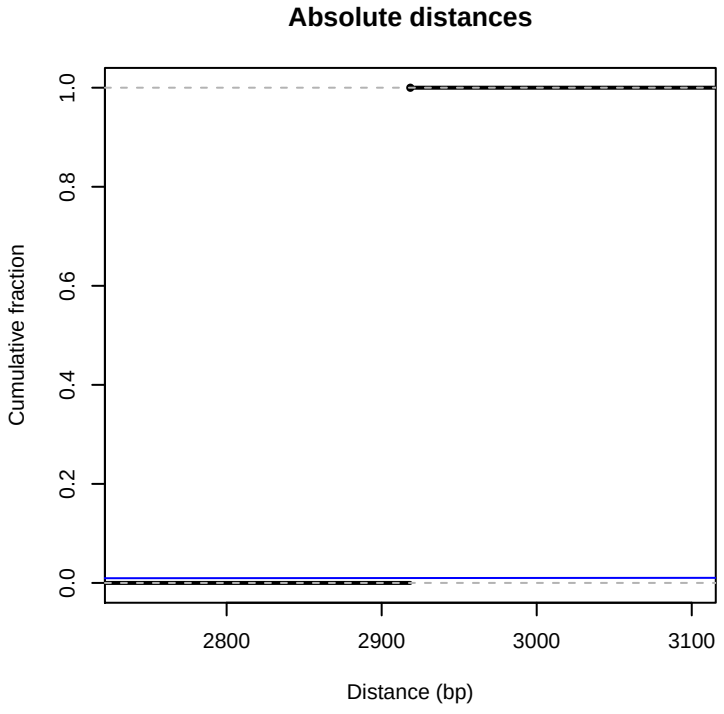
Query population : 3
Reference population : 12
Relative Ks p−value : 0.216119
Relative ecdf deviation area : 0.0965519
Relative ecdf area correlation : 0.277701
Relative ecdf deviation area p−value : 0.38
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.05
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0142157
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

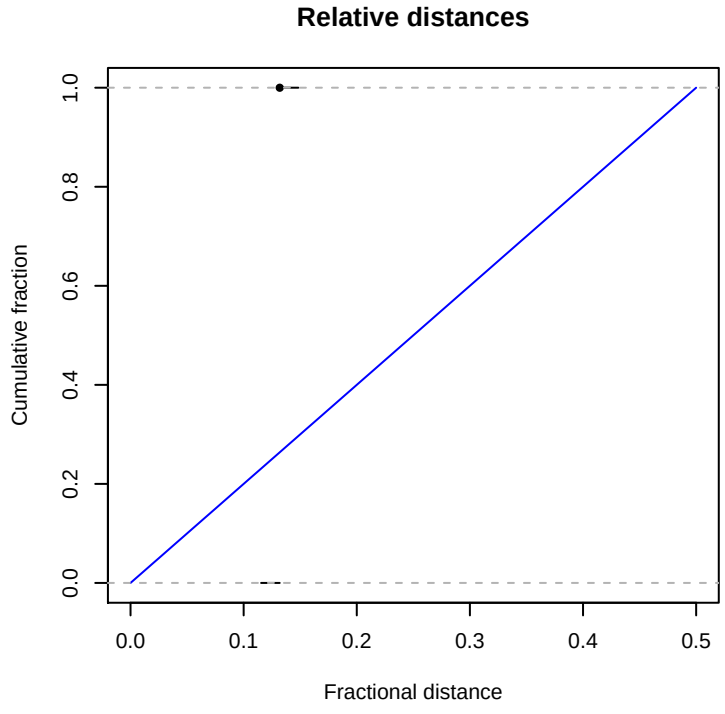




pcontig_165

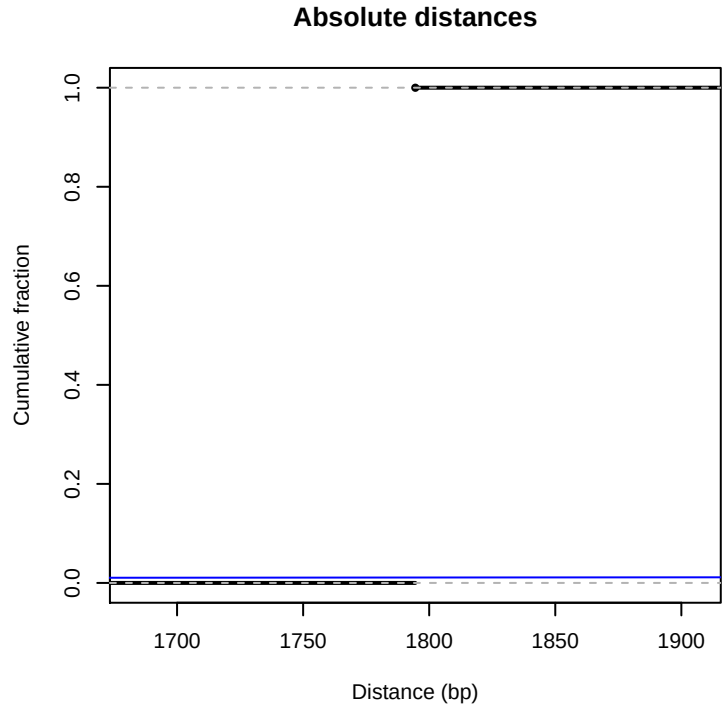
Query population : 1
Reference population : 8
Relative Ks p−value : 0.527555
Relative ecdf deviation area : 0.15323
Relative ecdf area correlation : 0.472445
Relative ecdf deviation area p−value : 0.55
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure 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

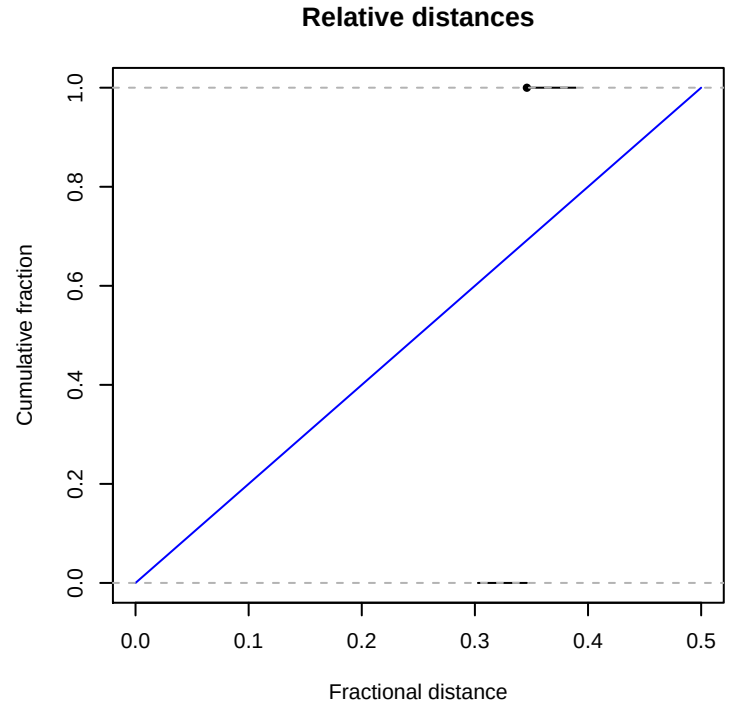




pcontig_170

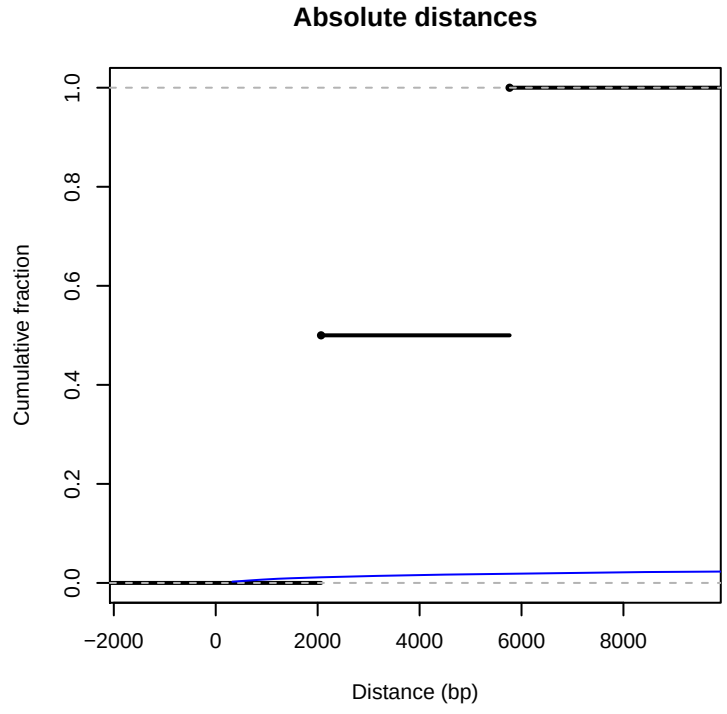
Query population : 1
Reference population : 13
Relative Ks p−value : 0.616289
Relative ecdf deviation area : 0.143612
Relative ecdf area correlation : −0.383711
Relative ecdf deviation area p−value : 0.66
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.02
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00375801
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

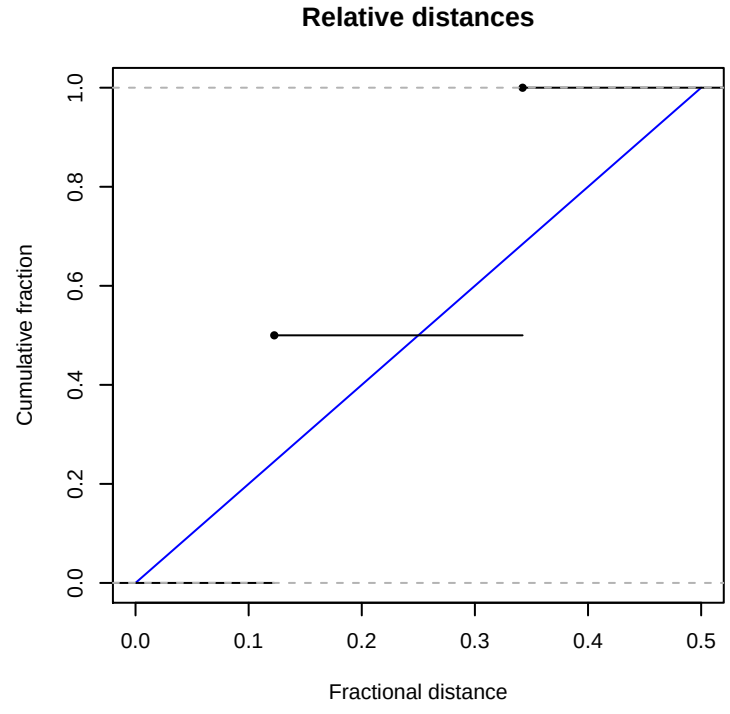




pcontig_173

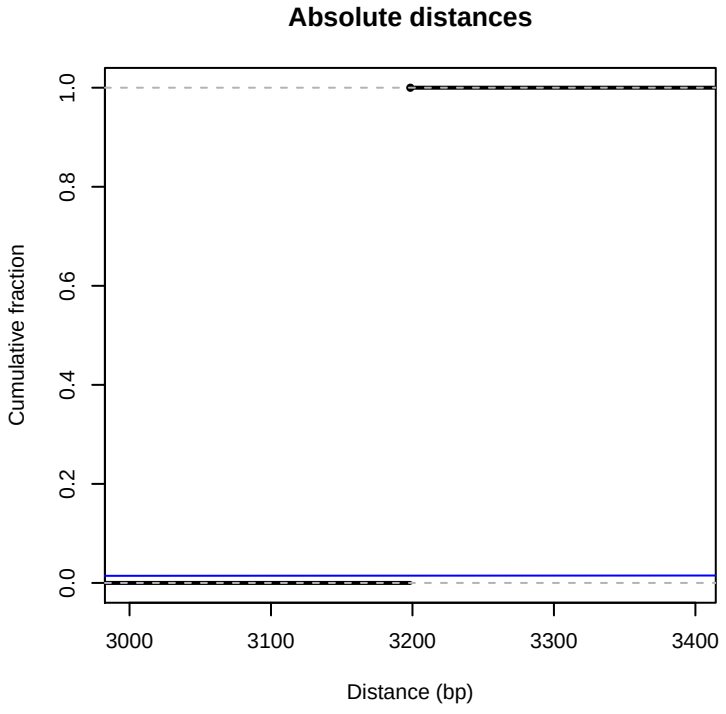
Query population : 2
Reference population : 12
Relative Ks p−value : 0.965477
Relative ecdf deviation area : 0.0647664
Relative ecdf area correlation : 0.0704008
Relative ecdf deviation area p−value : 0.98
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure 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

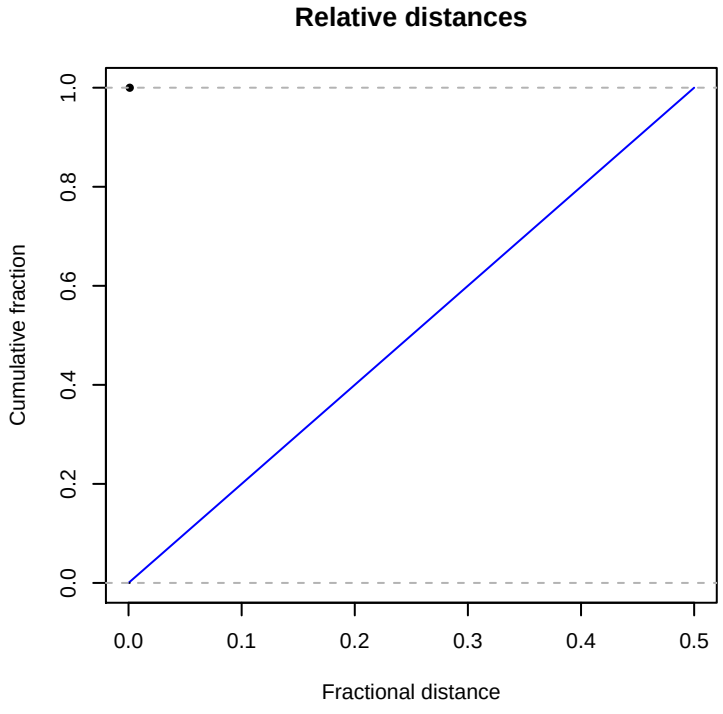




pcontig_174

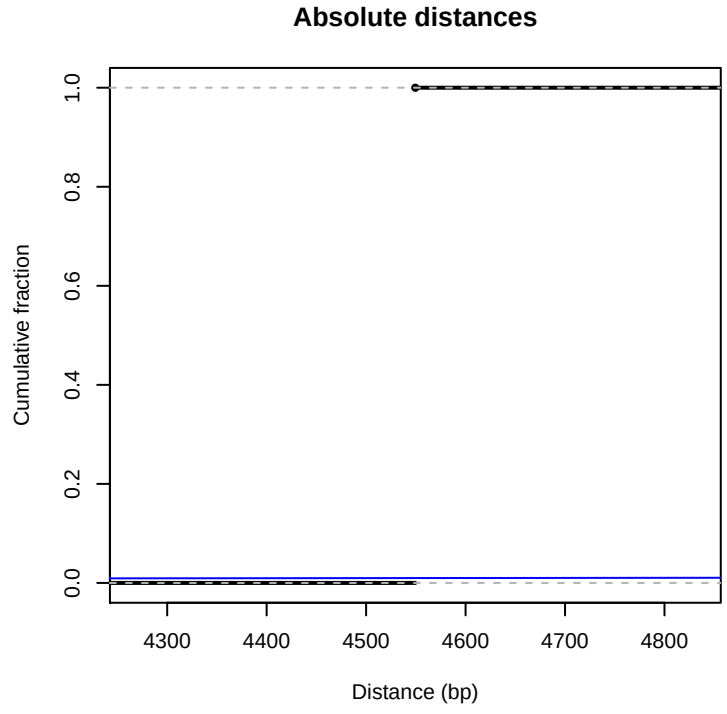
Query population : 1
Reference population : 12
Relative Ks p−value : 0.00424151
Relative ecdf deviation area : 0.25
Relative ecdf area correlation : 0.995758
Relative ecdf deviation area p−value : <0.01
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00706014
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

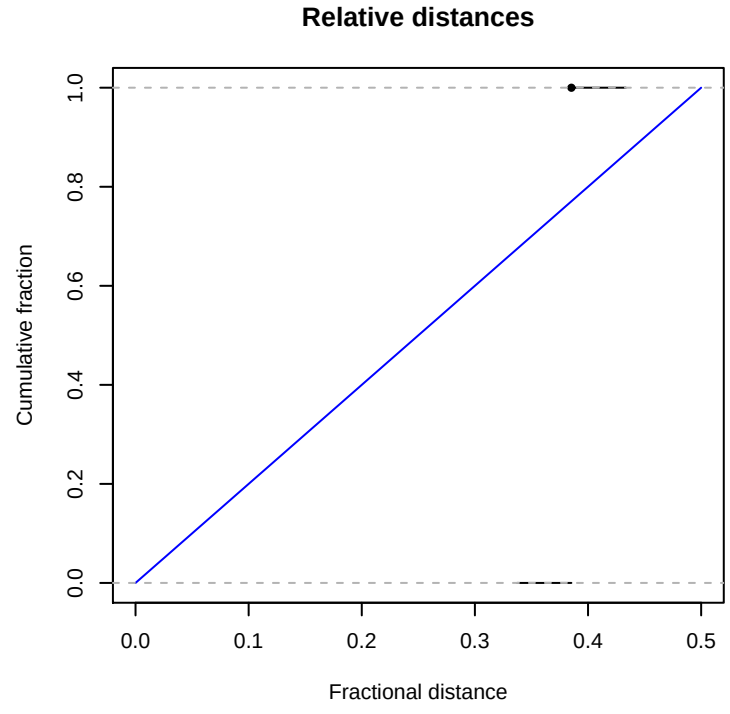




pcontig_181

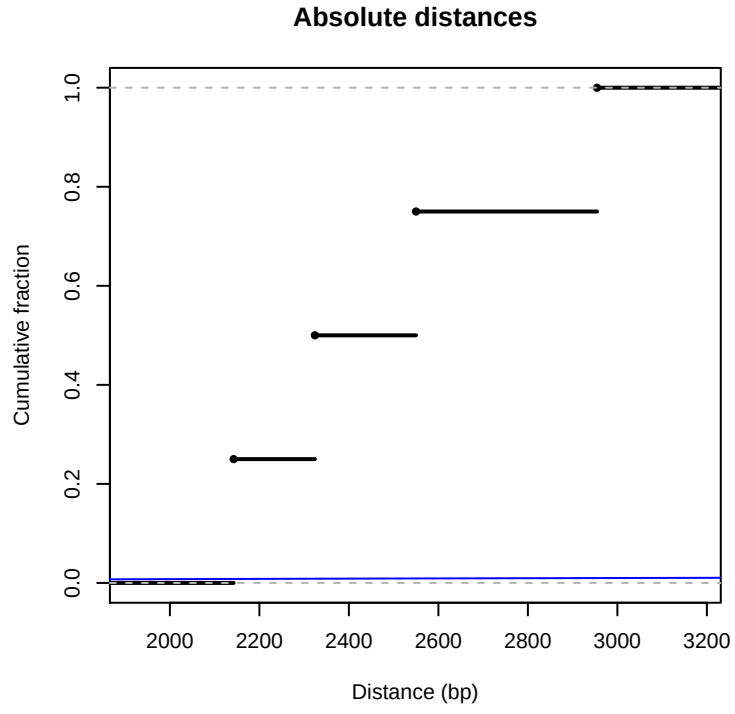
Query population : 1
Reference population : 5
Relative Ks p−value : 0.458841
Relative ecdf deviation area : 0.161405
Relative ecdf area correlation : −0.541159
Relative ecdf deviation area p−value : 0.46
Scaled Absolute min. distance p−value : 0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00217715
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

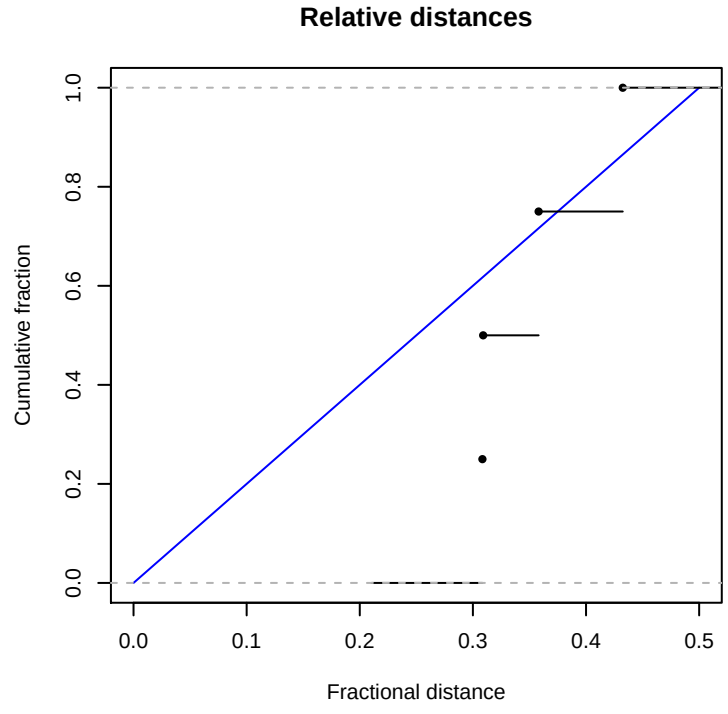




pcontig_186

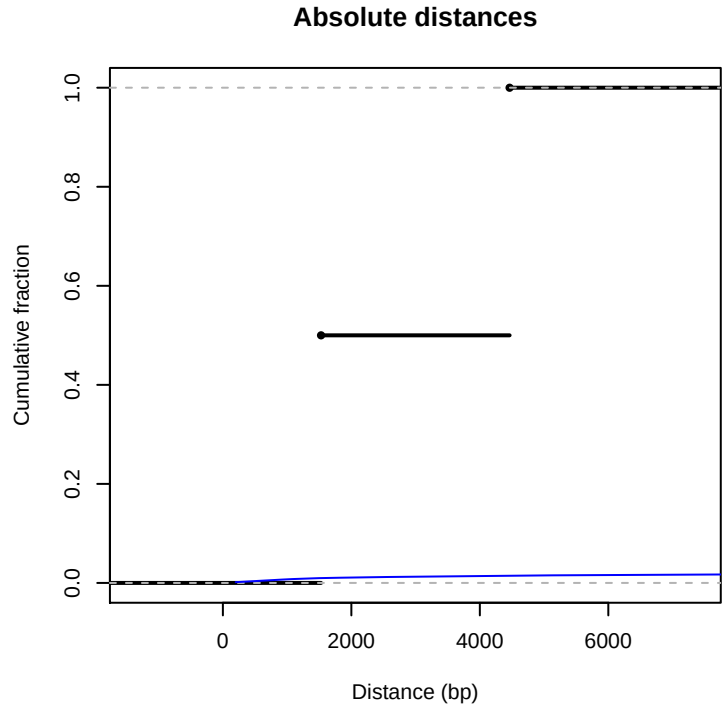
Query population : 4
Reference population : 7
Relative Ks p−value : 0.054777
Relative ecdf deviation area : 0.112277
Relative ecdf area correlation : −0.408057
Relative ecdf deviation area p−value : 0.12
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0199595
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

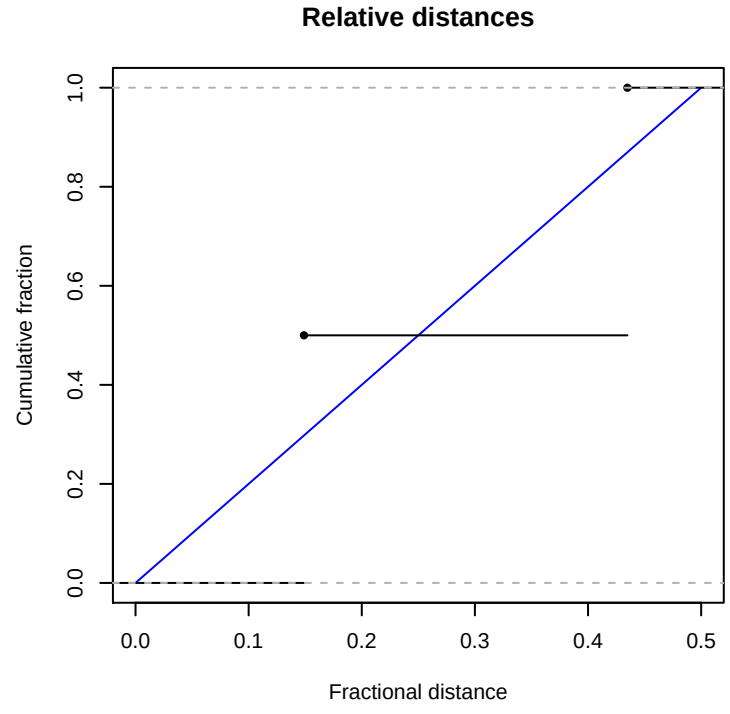




pcontig_188

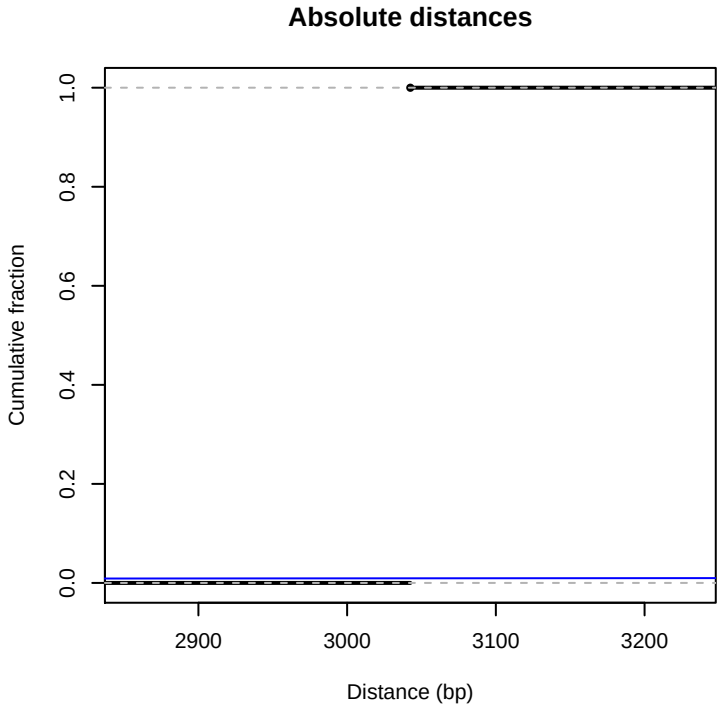
Query population : 2
Reference population : 12
Relative Ks p−value : 0.885463
Relative ecdf deviation area : 0.0707348
Relative ecdf area correlation : −0.167462
Relative ecdf deviation area p−value : 0.92
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.03
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.0135788
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

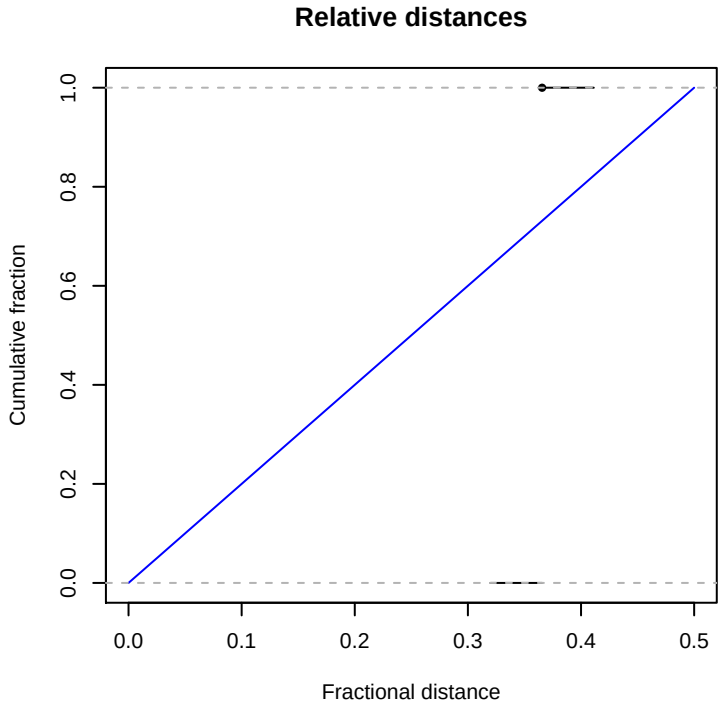




pcontig_189

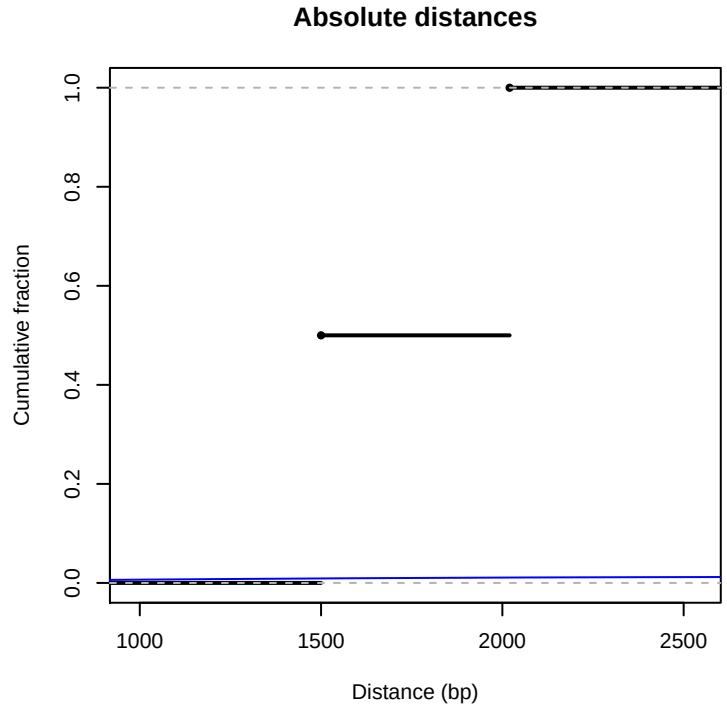
Query population : 1
Reference population : 7
Relative Ks p−value : 0.537611
Relative ecdf deviation area : 0.152213
Relative ecdf area correlation : −0.462389
Relative ecdf deviation area p−value : 0.53
Scaled Absolute min. distance p−value : 0.03
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00459203
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

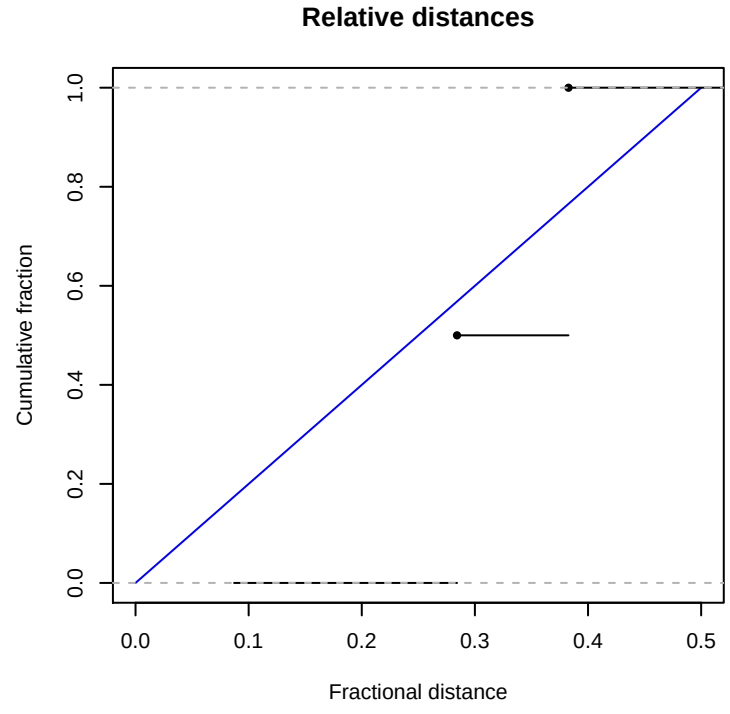




pcontig_203

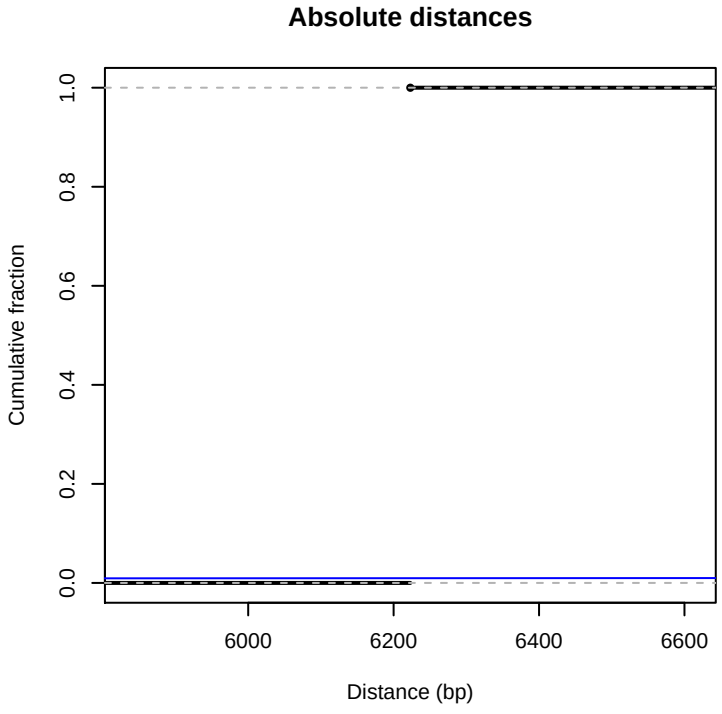
Query population : 2
Reference population : 11
Relative Ks p−value : 0.372562
Relative ecdf deviation area : 0.110872
Relative ecdf area correlation : −0.333839
Relative ecdf deviation area p−value : 0.51
Scaled Absolute min. distance p−value : <0.01
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.011202
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

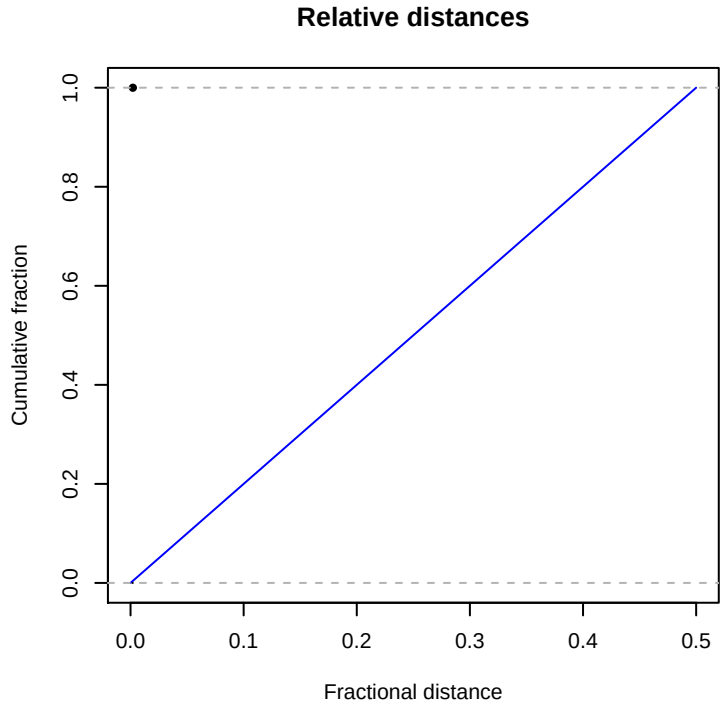




pcontig_207

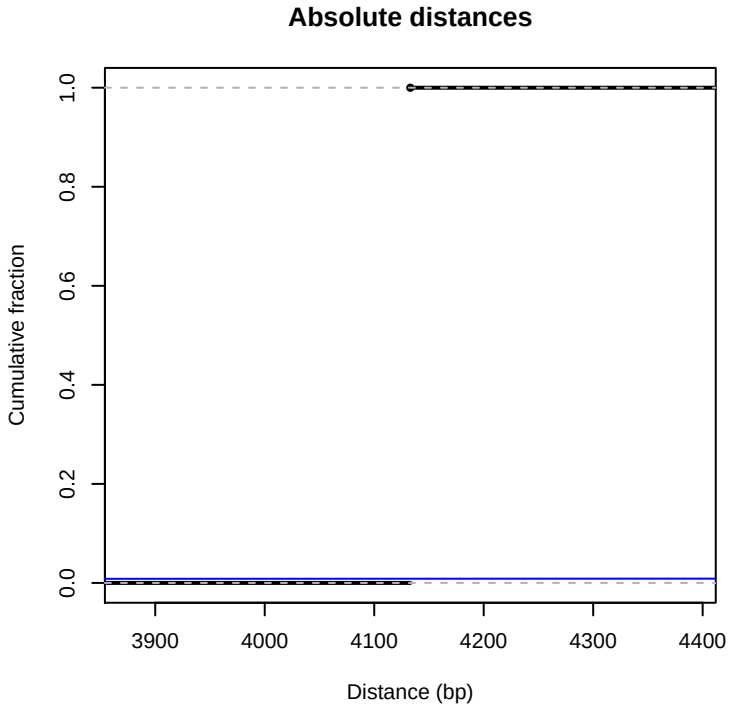
Query population : 1
Reference population : 6
Relative Ks p−value : 0.00817361
Relative ecdf deviation area : 0.248621
Relative ecdf area correlation : 0.991826
Relative ecdf deviation area p−value : 0.02
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : 0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00212229
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

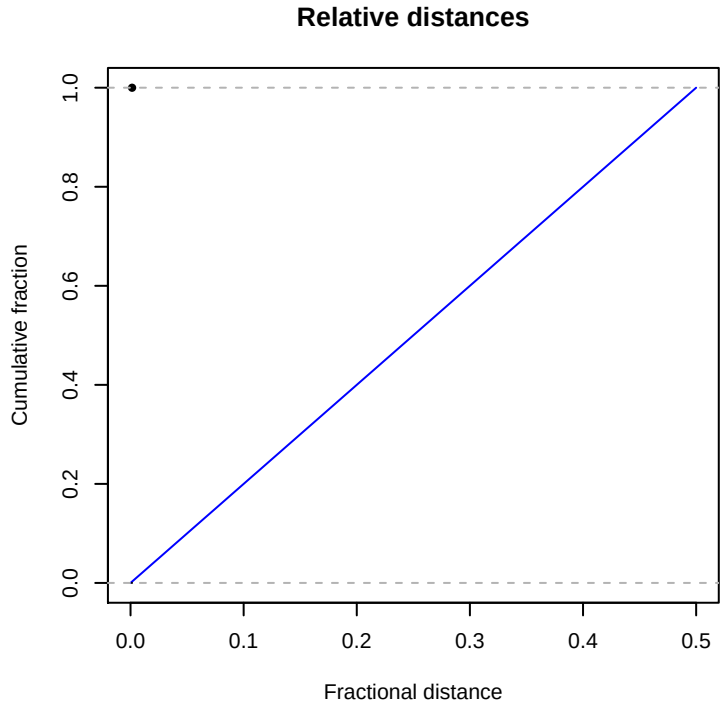




pcontig_233

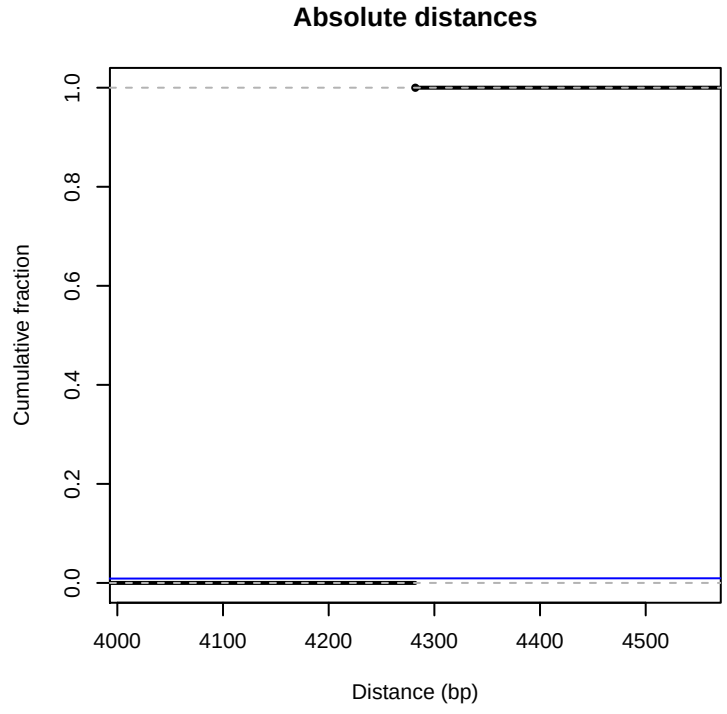
Query population : 1
Reference population : 5
Relative Ks p−value : 0.00543007
Relative ecdf deviation area : 0.24927
Relative ecdf area correlation : 0.99457
Relative ecdf deviation area p−value : 0.01
Scaled Absolute min. distance p−value : 0.02
Scaled Absolute min. lower tail : TRUE
Jaccard Measure p−value : <0.01
Jaccard Measure lower tail : FALSE
Projection test p−value : 0.00382397
Projection test lower tail : FALSE
Projection test observed to expected ratio : 0

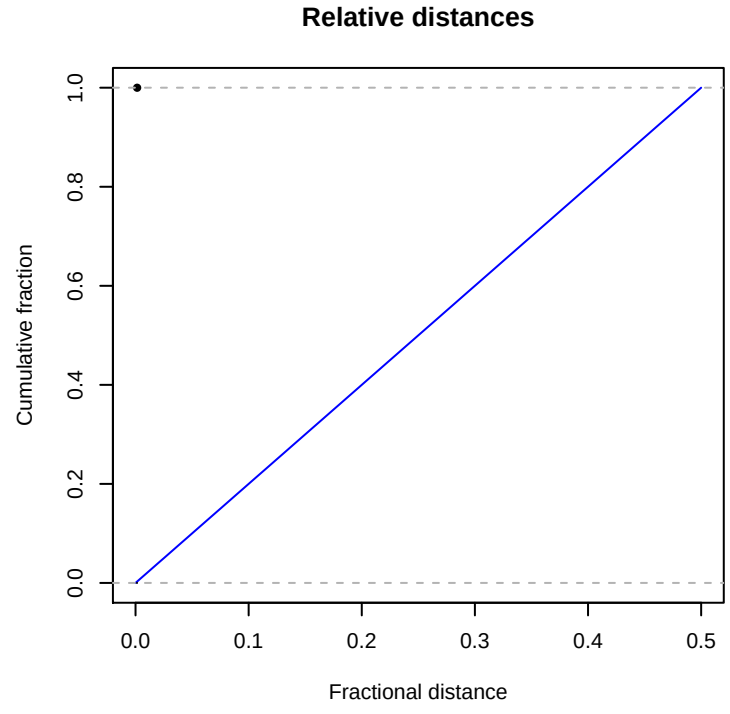


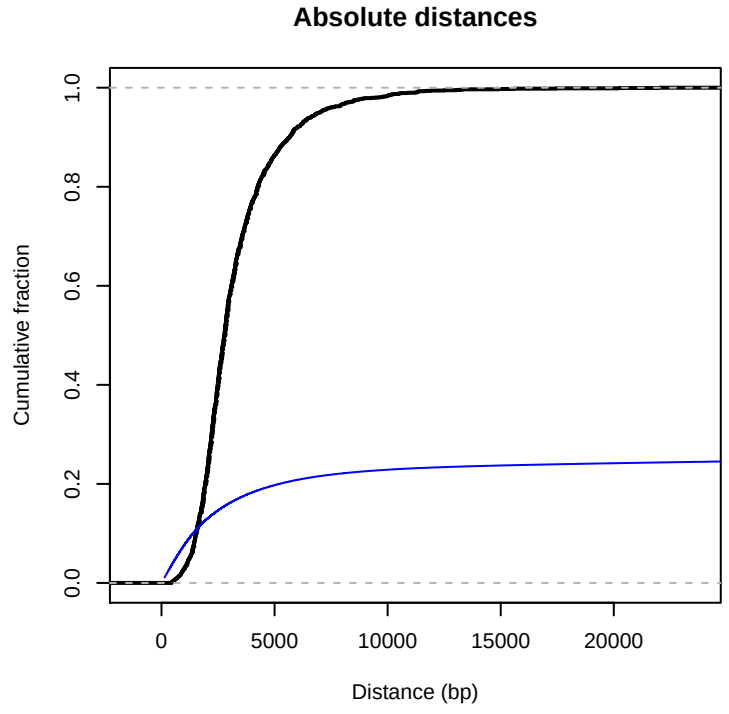
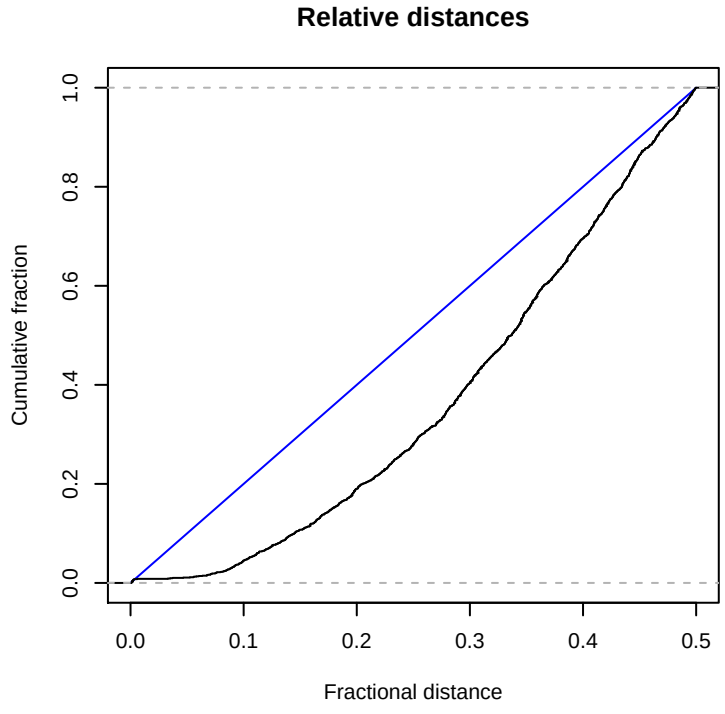


pcontig_235

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 : 14087
Relative Ks p−value : 0
Relative ecdf deviation area : 0.068986
Relative ecdf area correlation : −0.275909
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 : 4.30184e−46
Projection test lower tail : TRUE
Projection test observed to expected ratio : 0