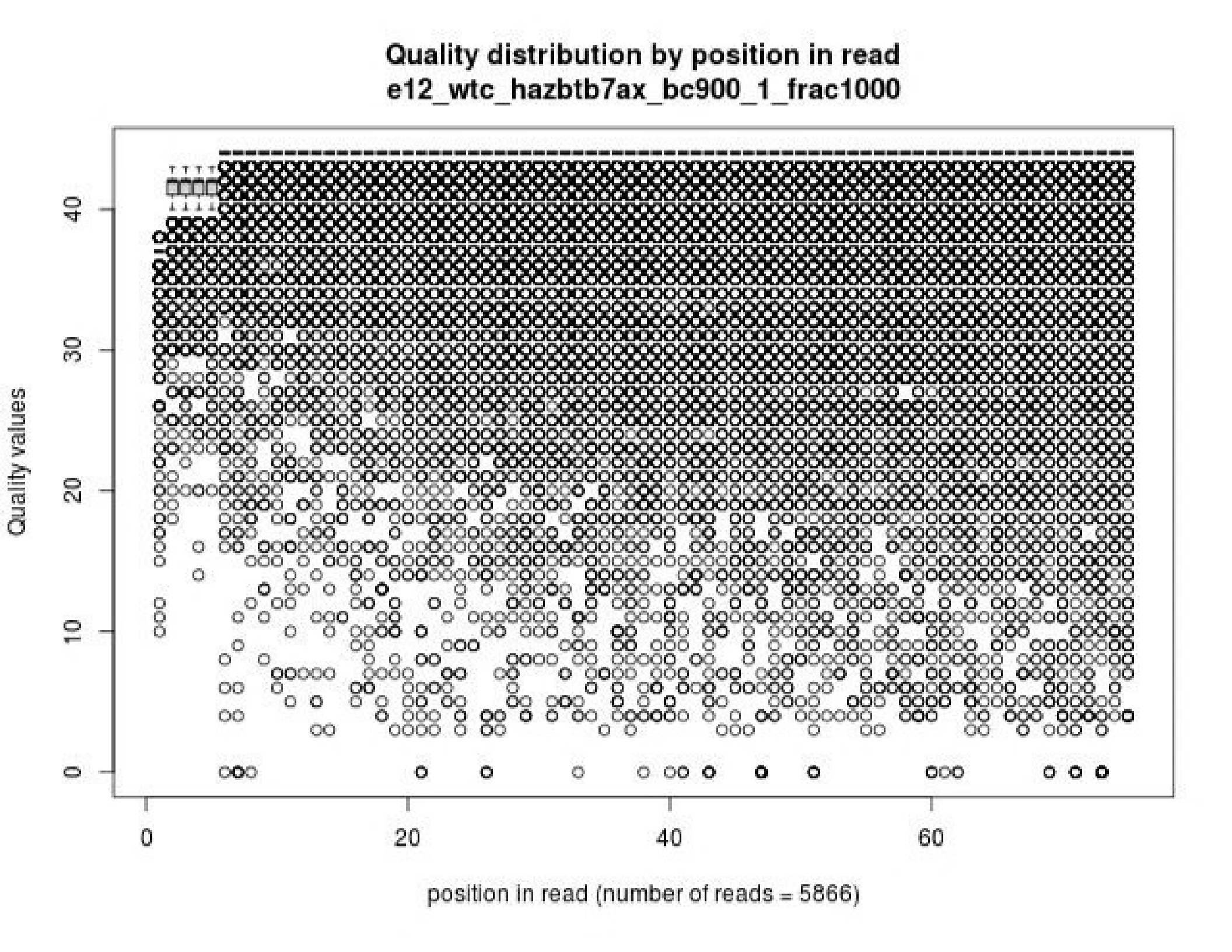
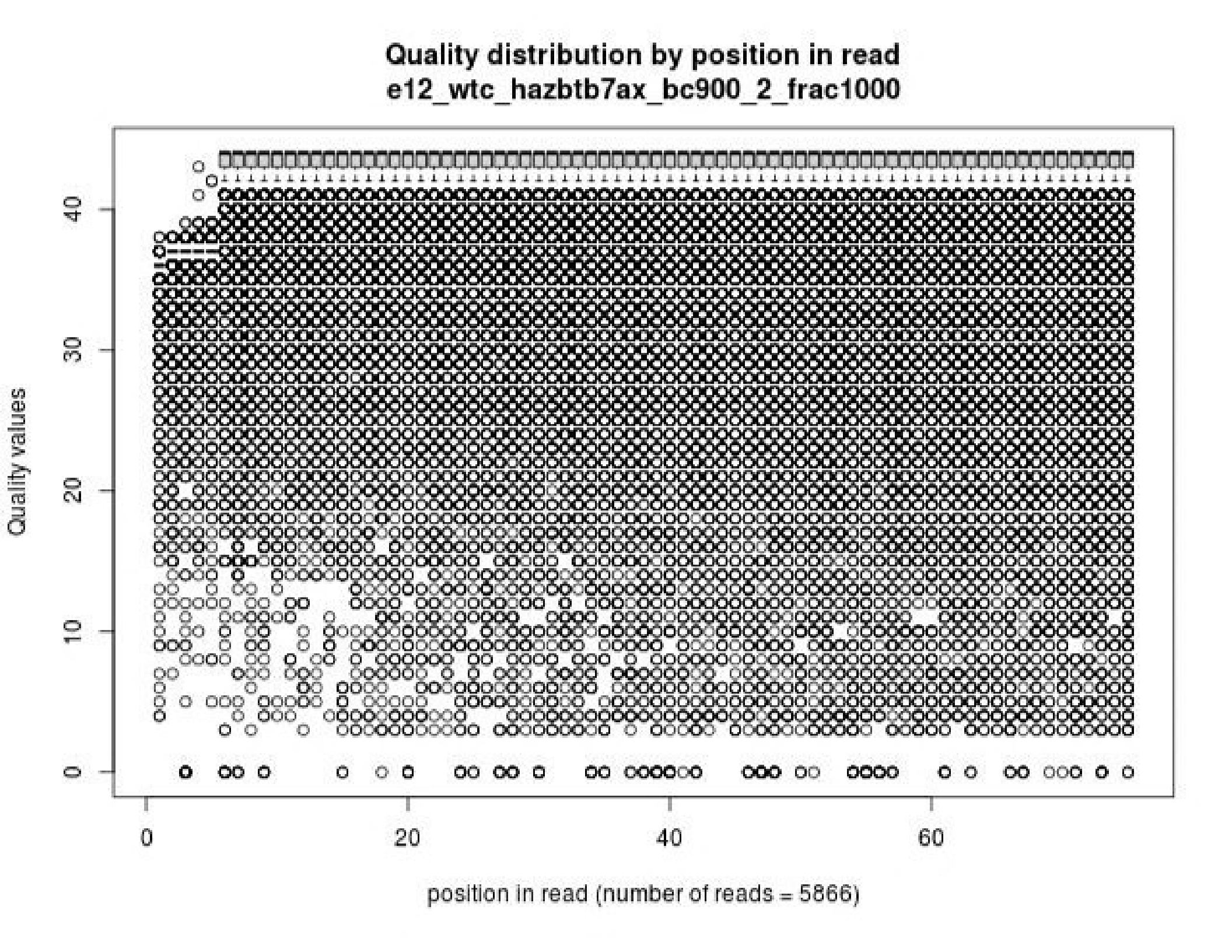
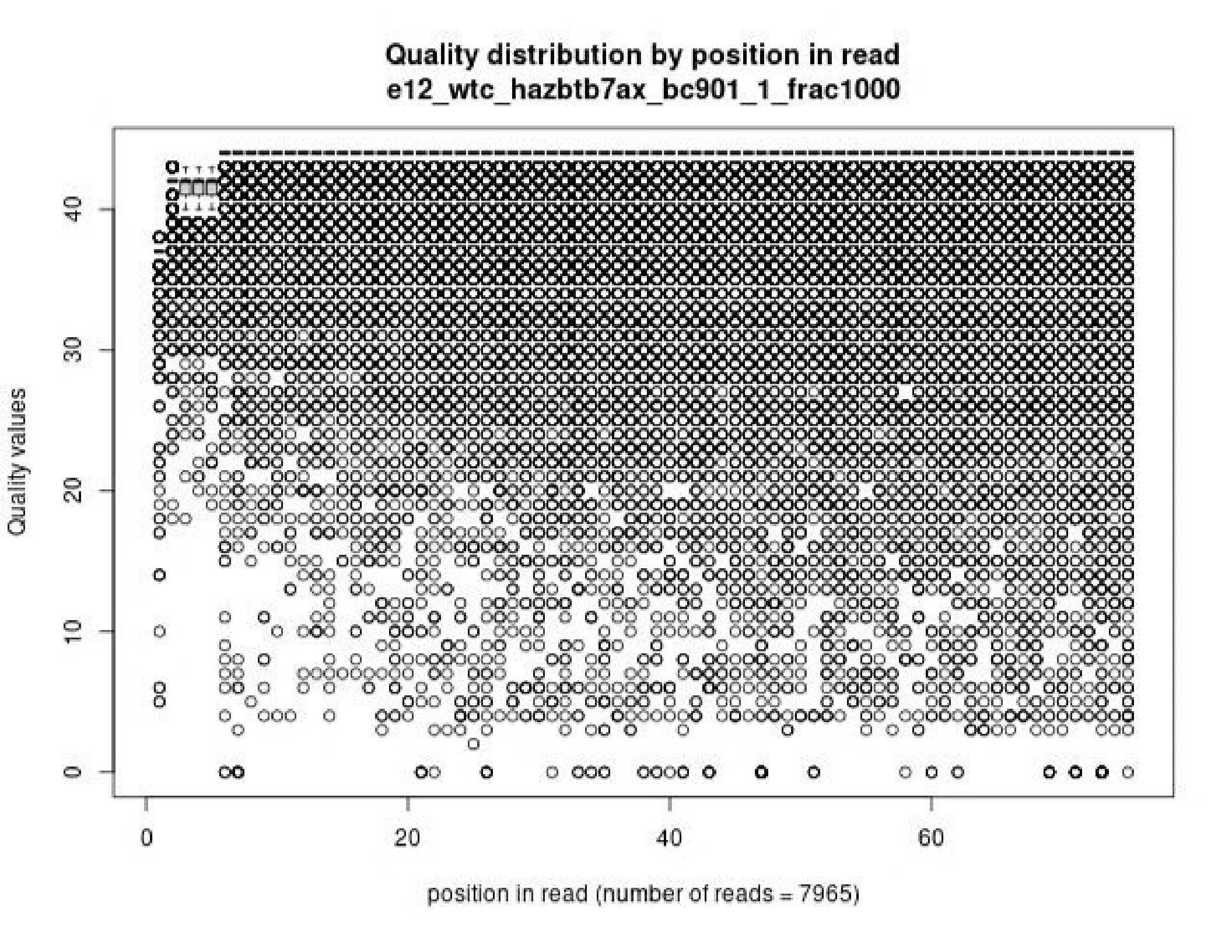
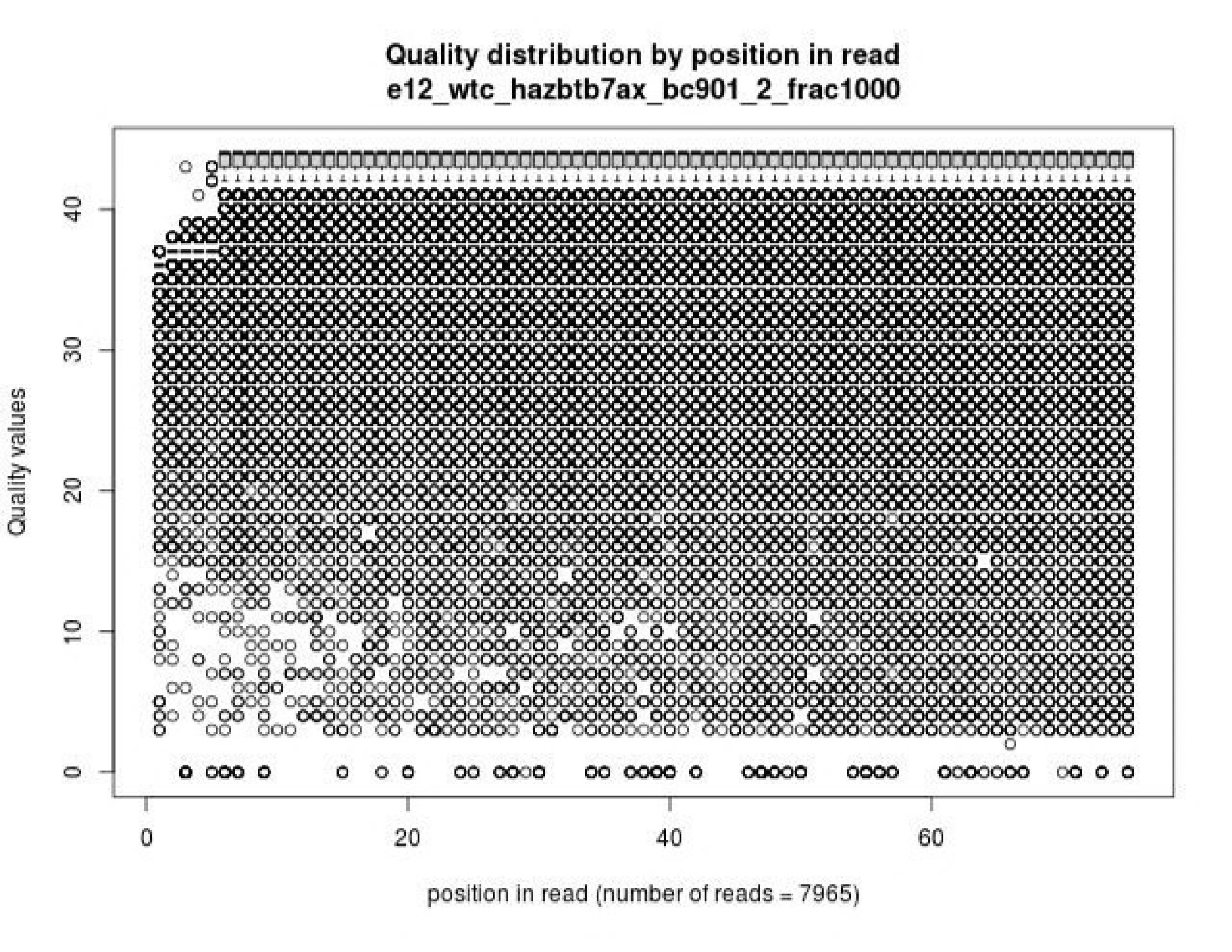
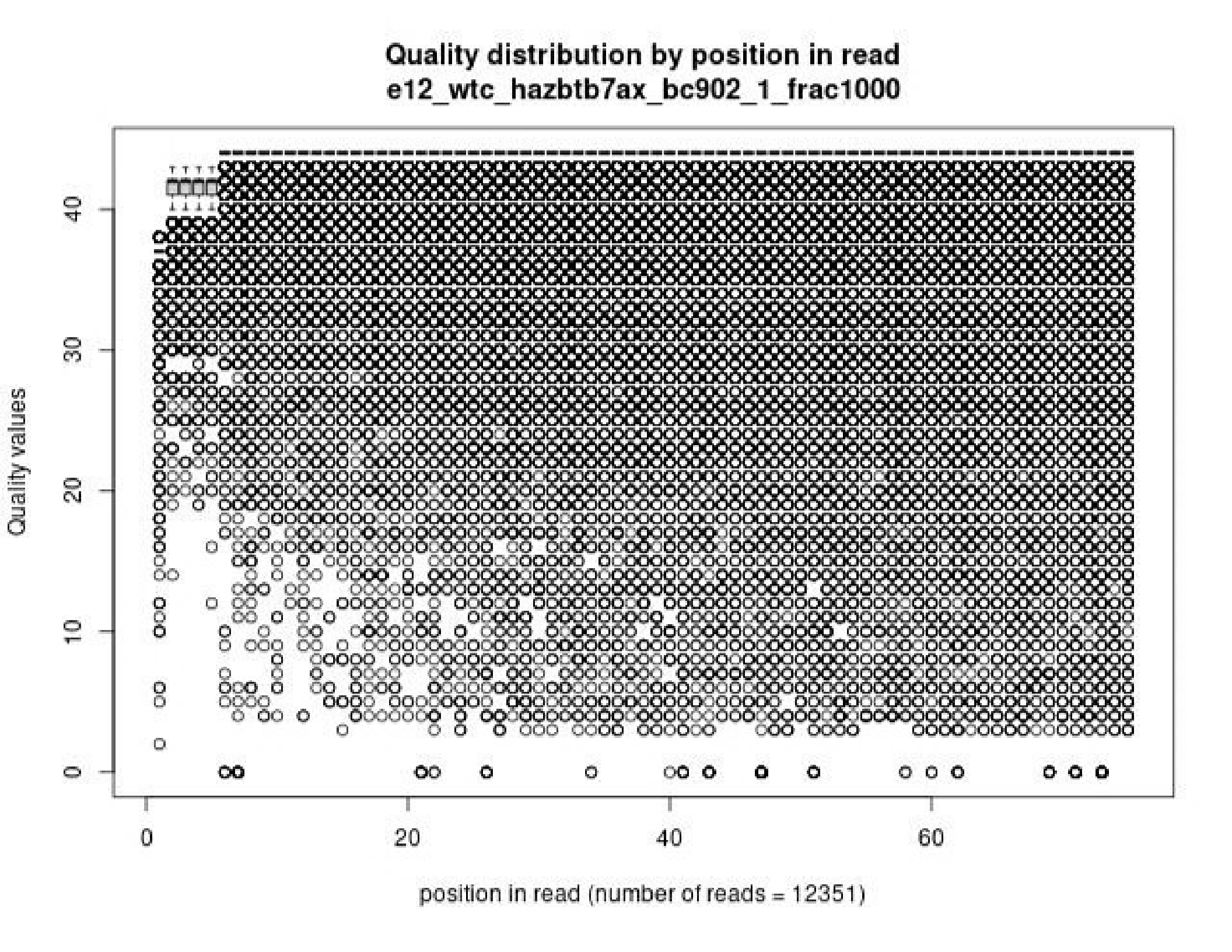
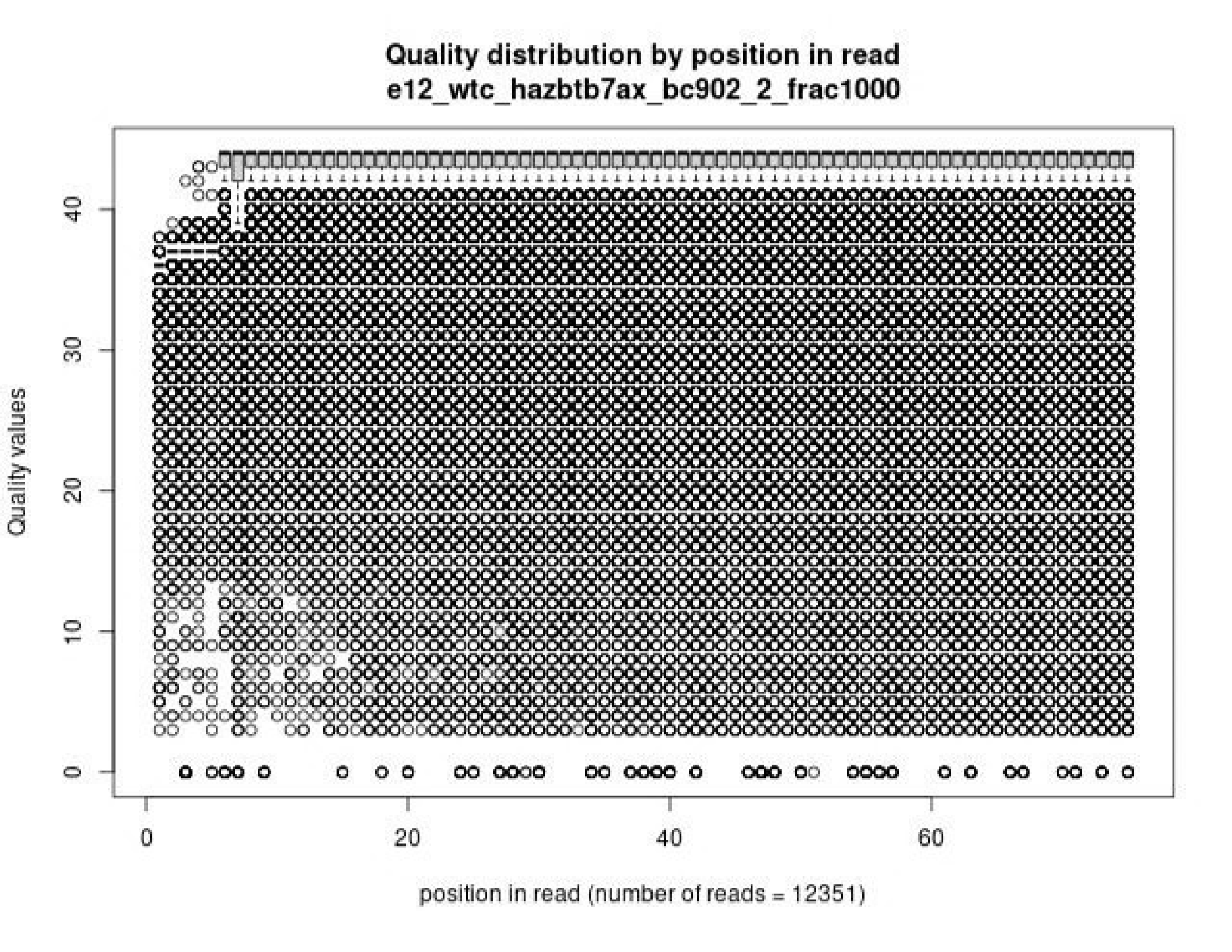

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc900_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 5866)

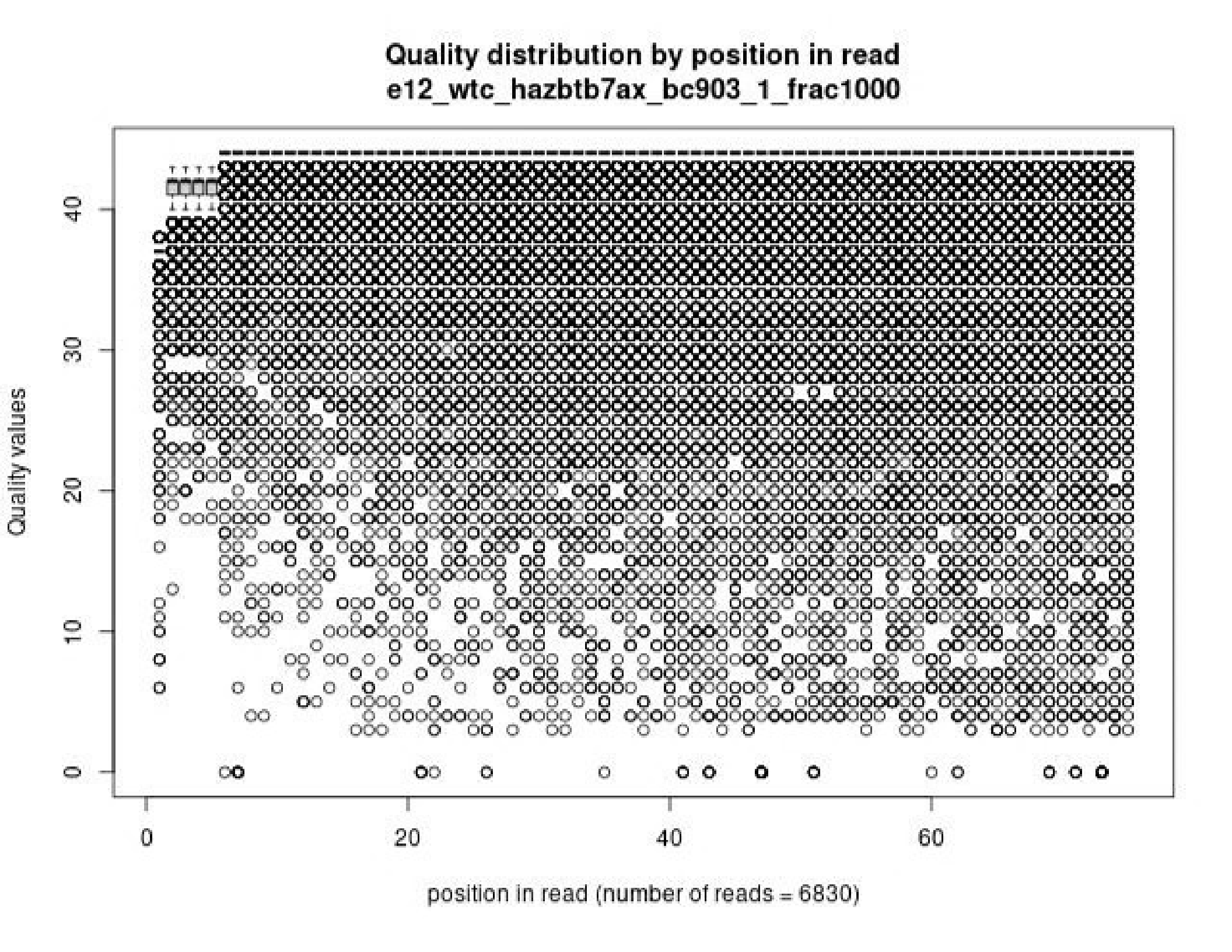

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc900_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 5866)

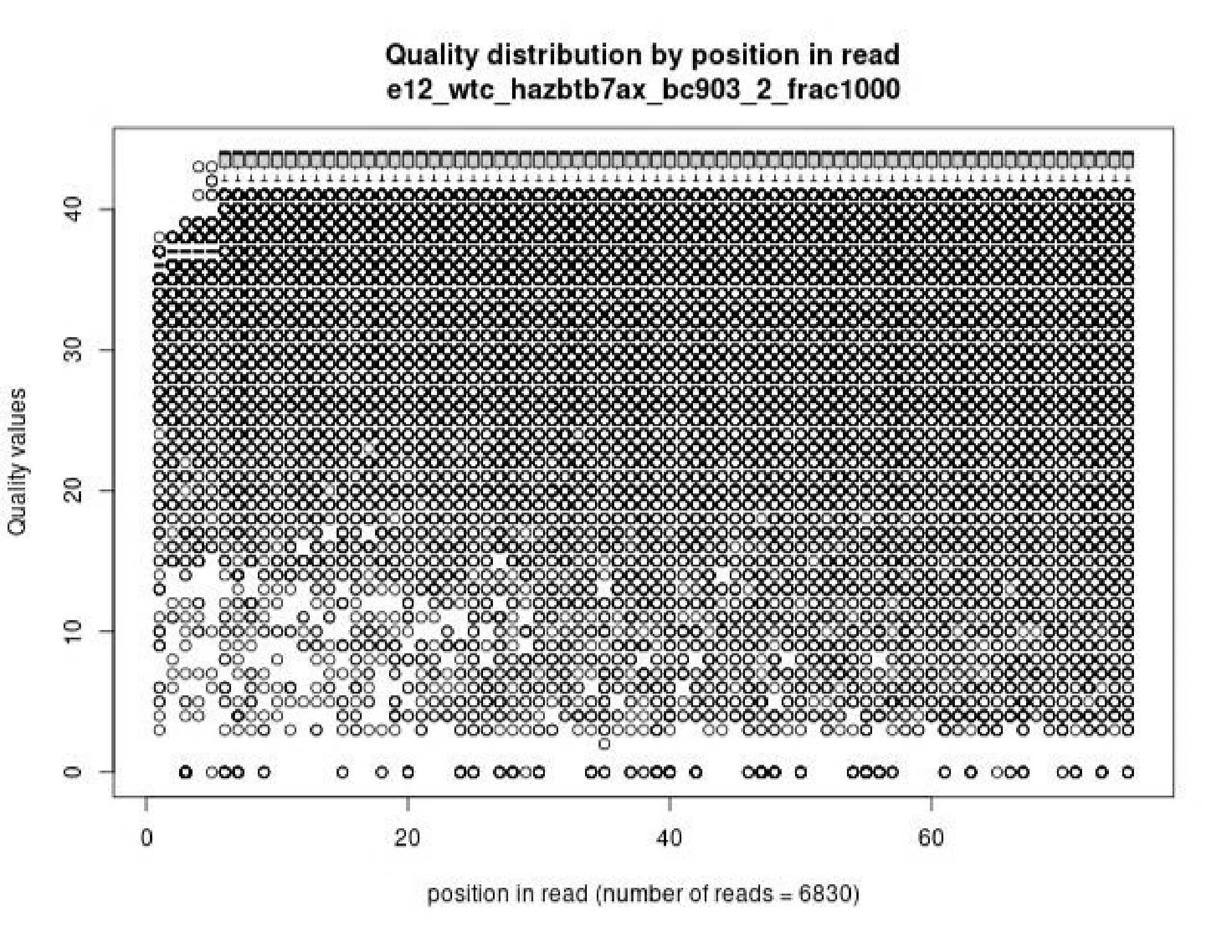

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc901_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7965)

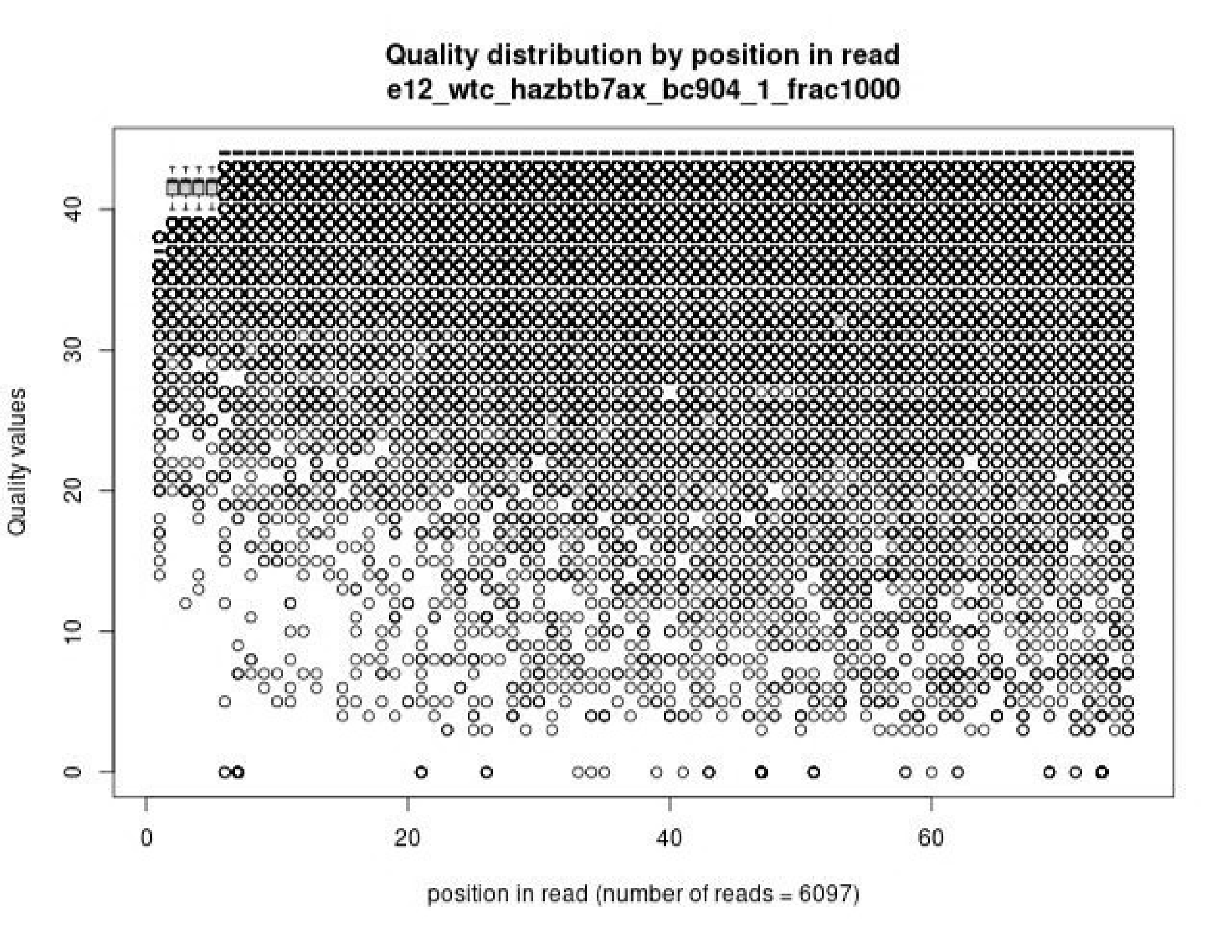

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc901_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7965)

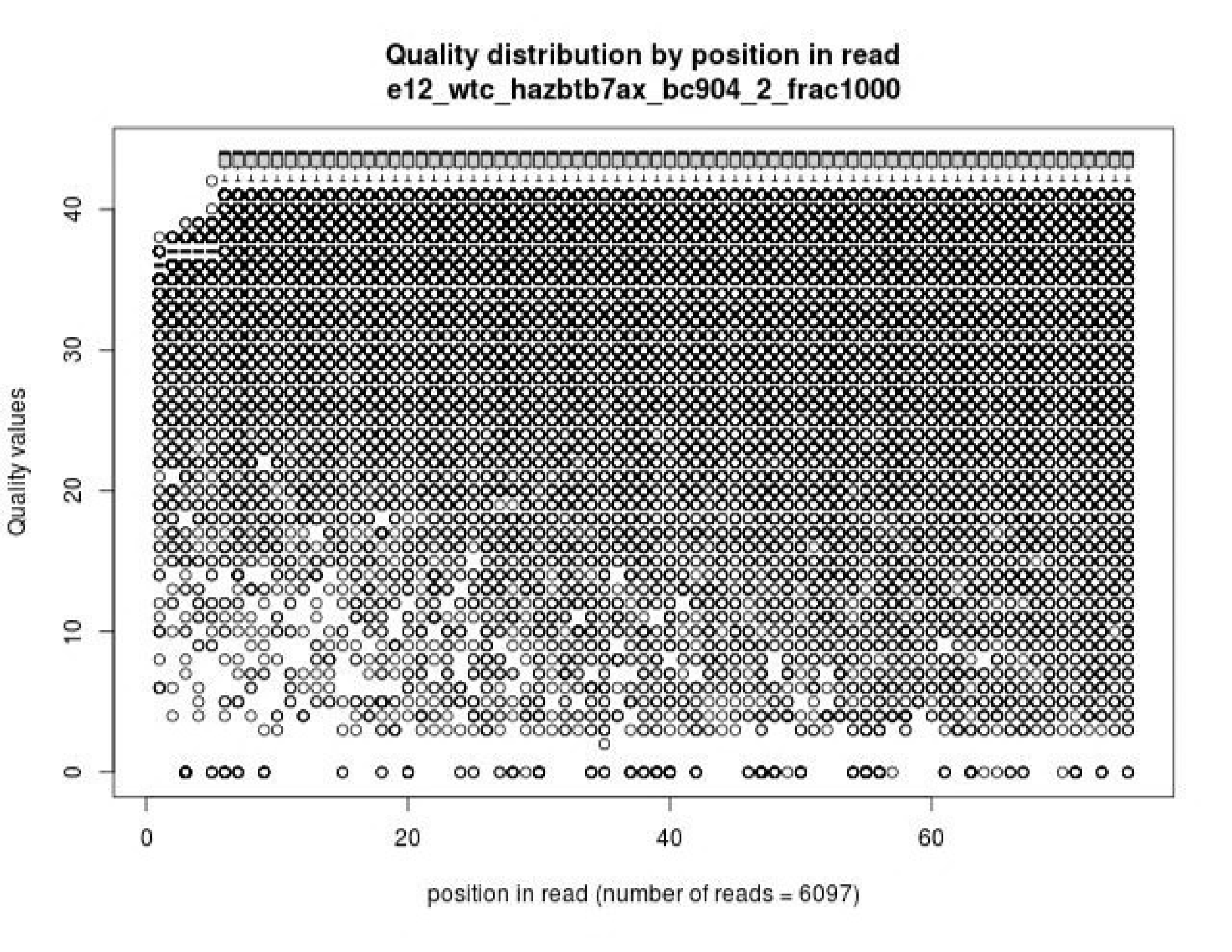

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc902_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 12351)

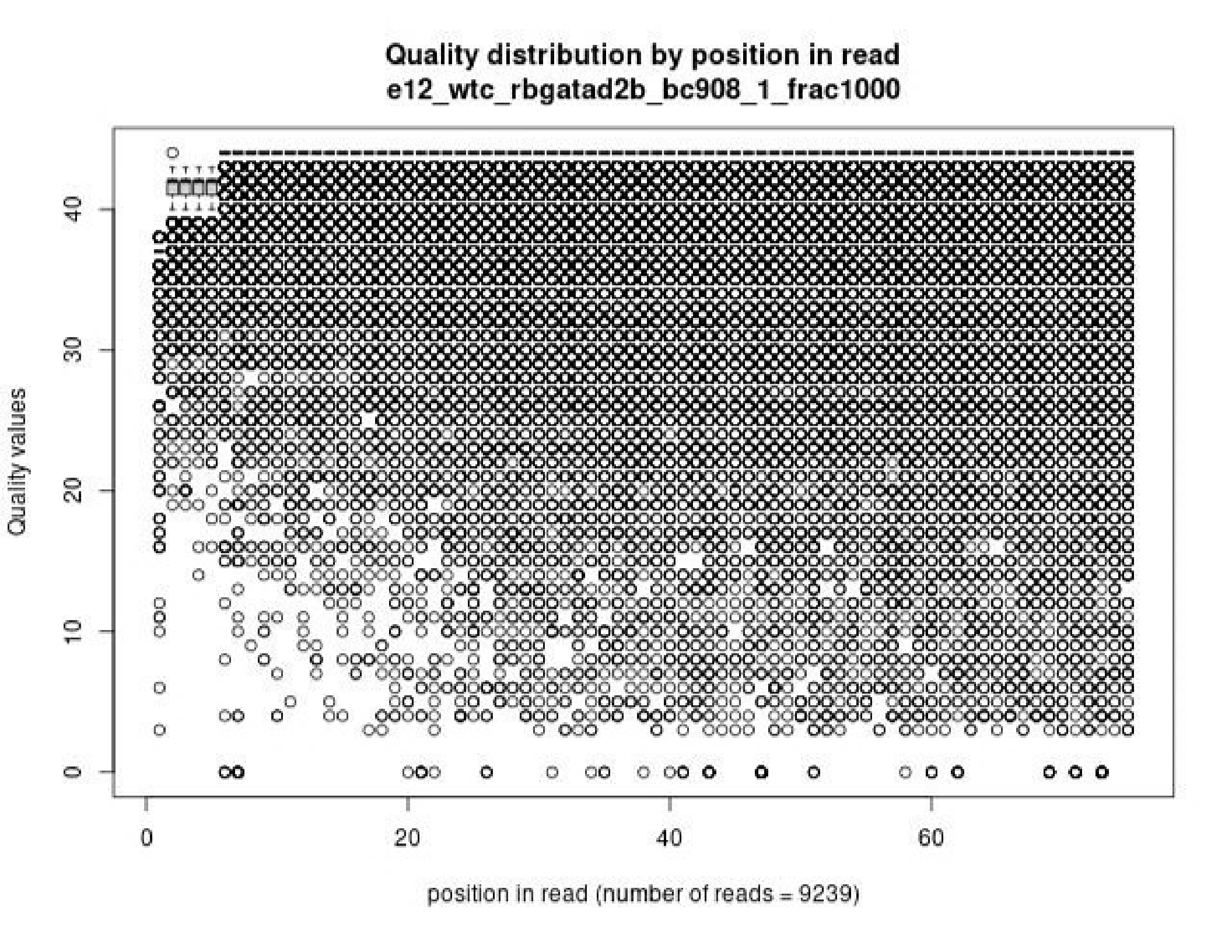

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc902_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 12351)

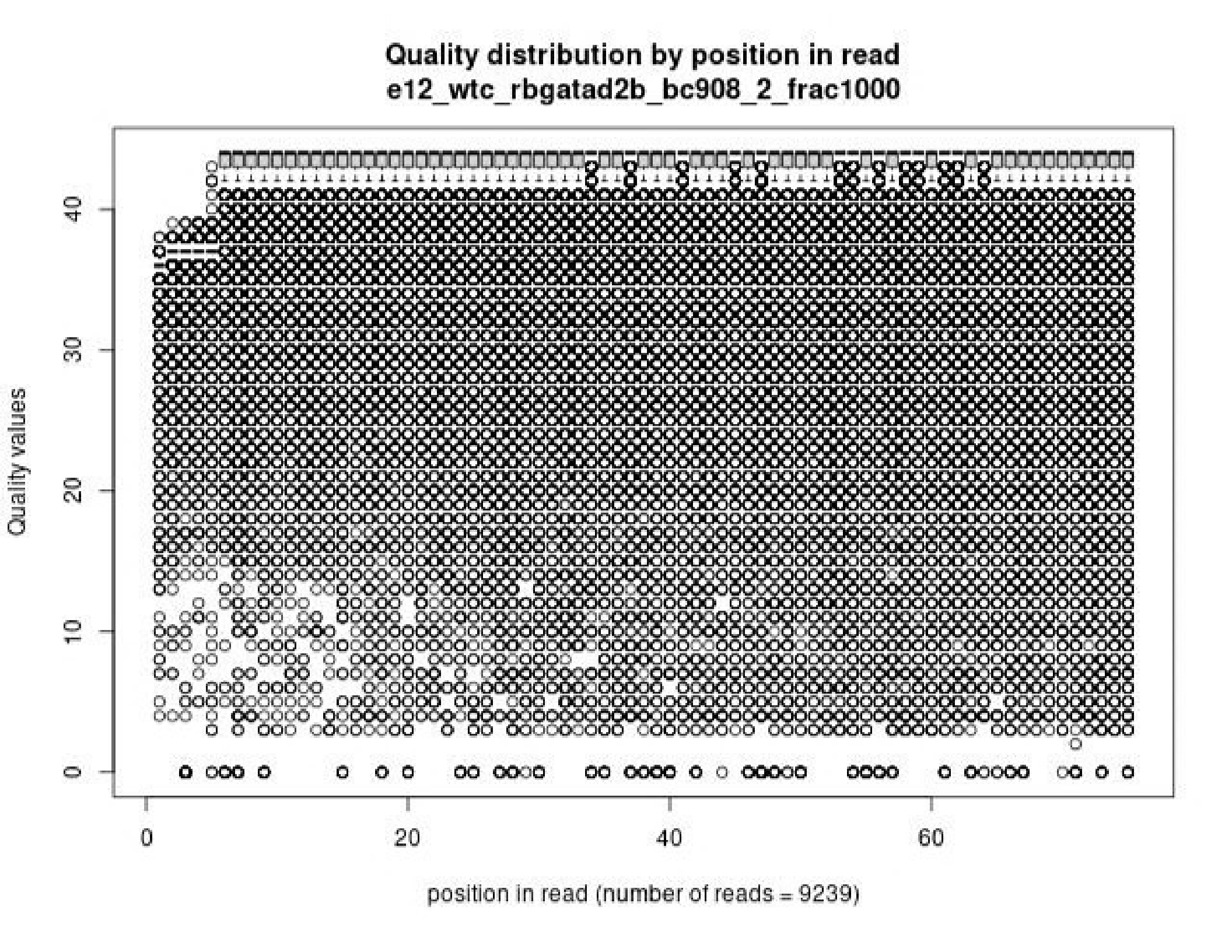

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc903_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6830)

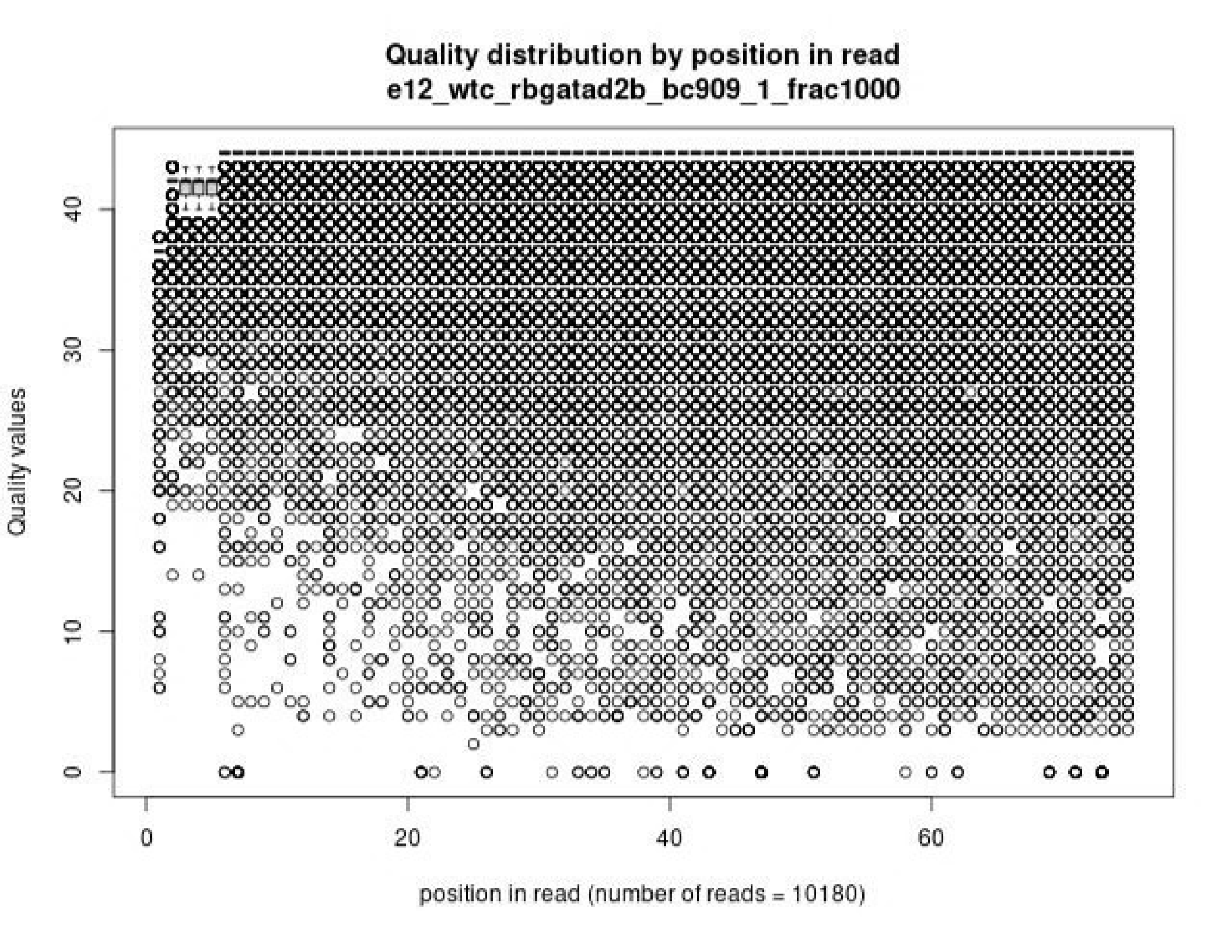

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc903_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6830)

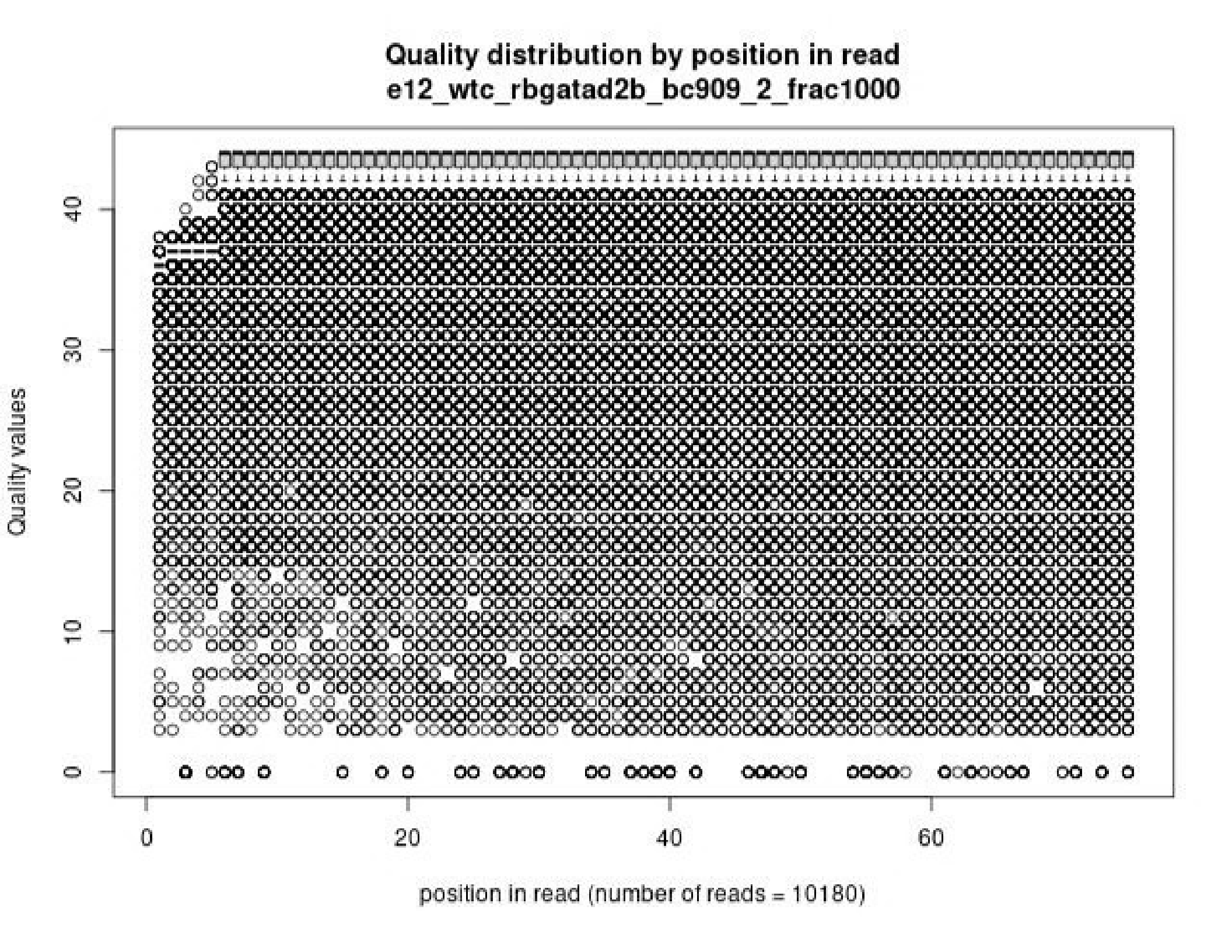

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc904_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6097)

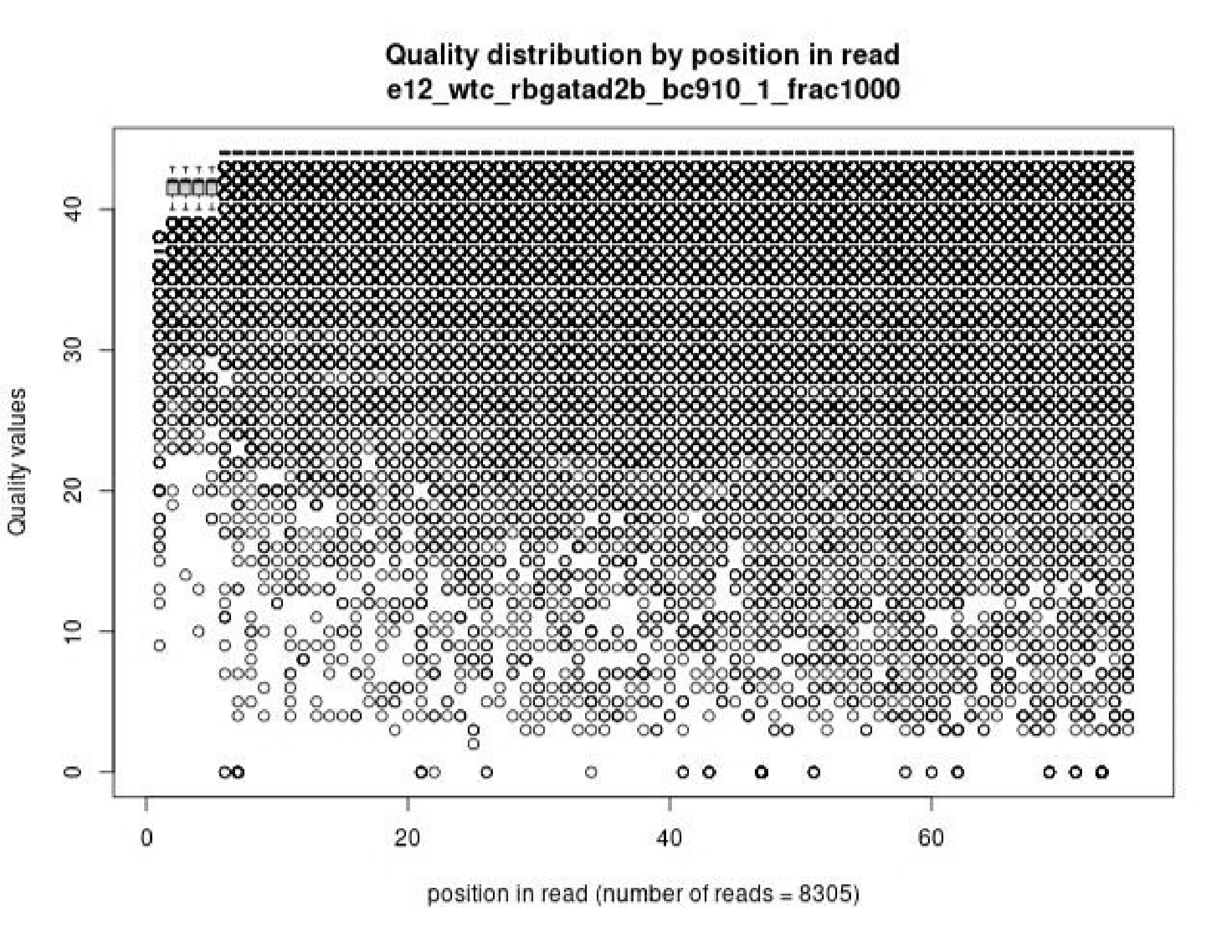

Quality distribution by position in read
e12_wtc_hazbtb7ax_bc904_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6097)

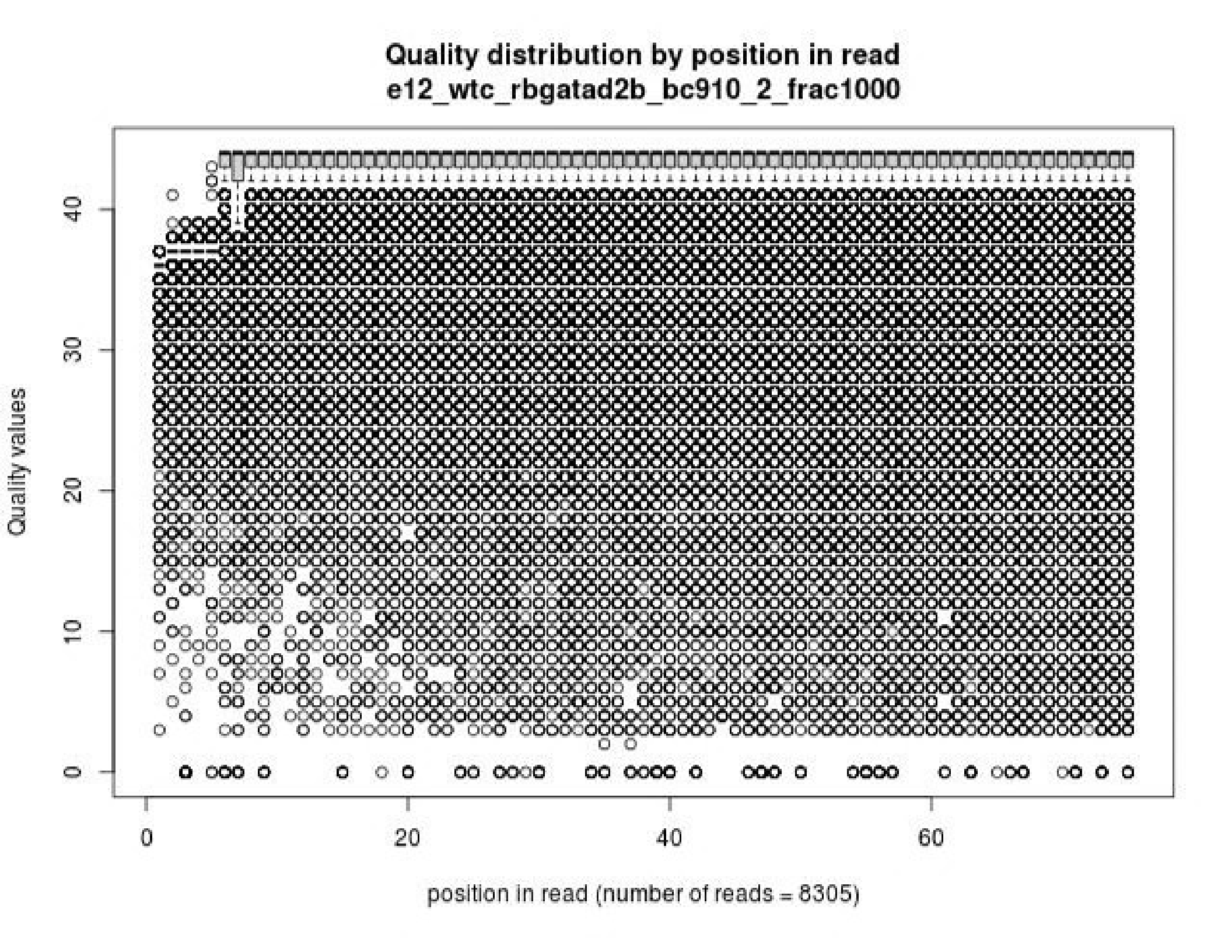

Quality distribution by position in read
e12_wtc_rbgatad2b_bc908_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9239)

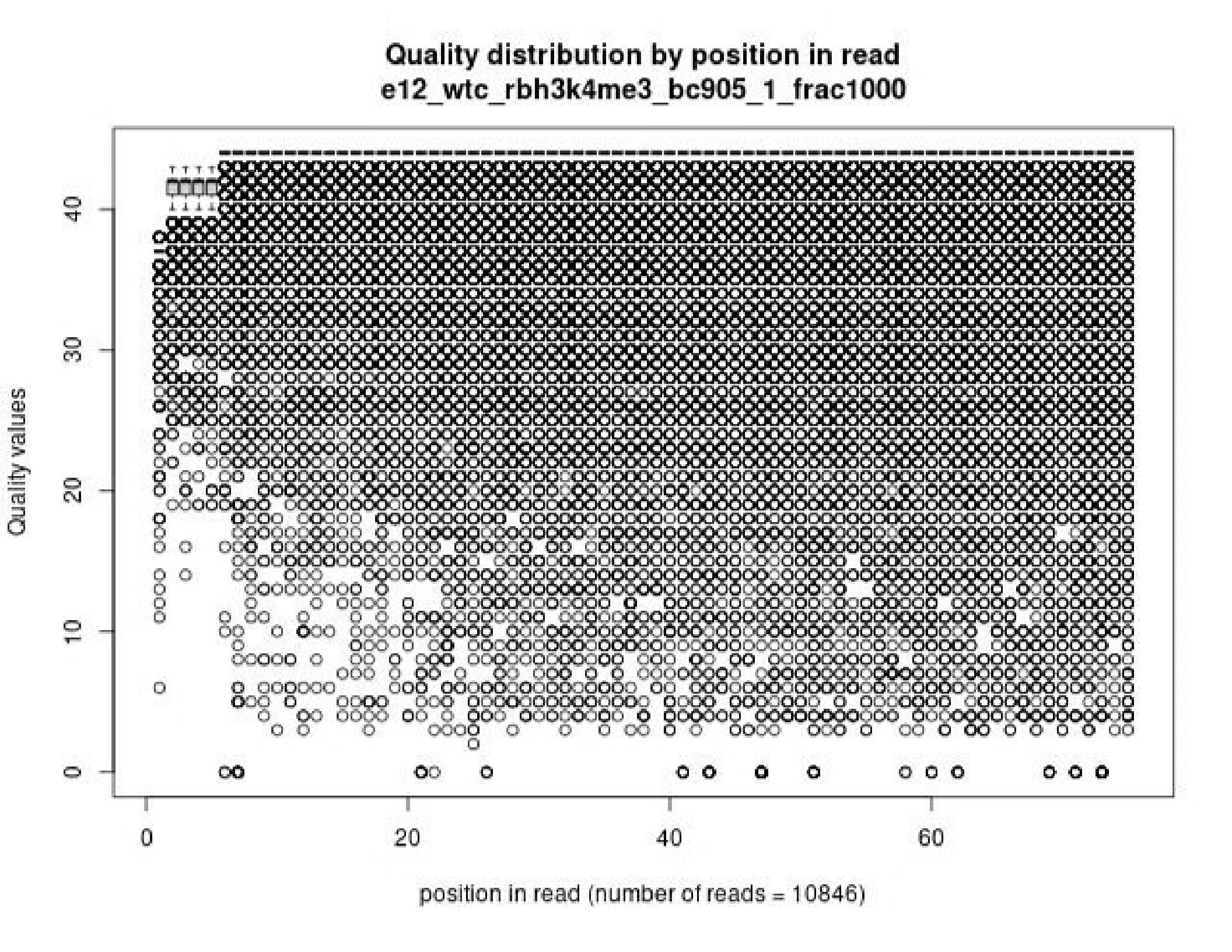

Quality distribution by position in read
e12_wtc_rbgatad2b_bc908_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9239)

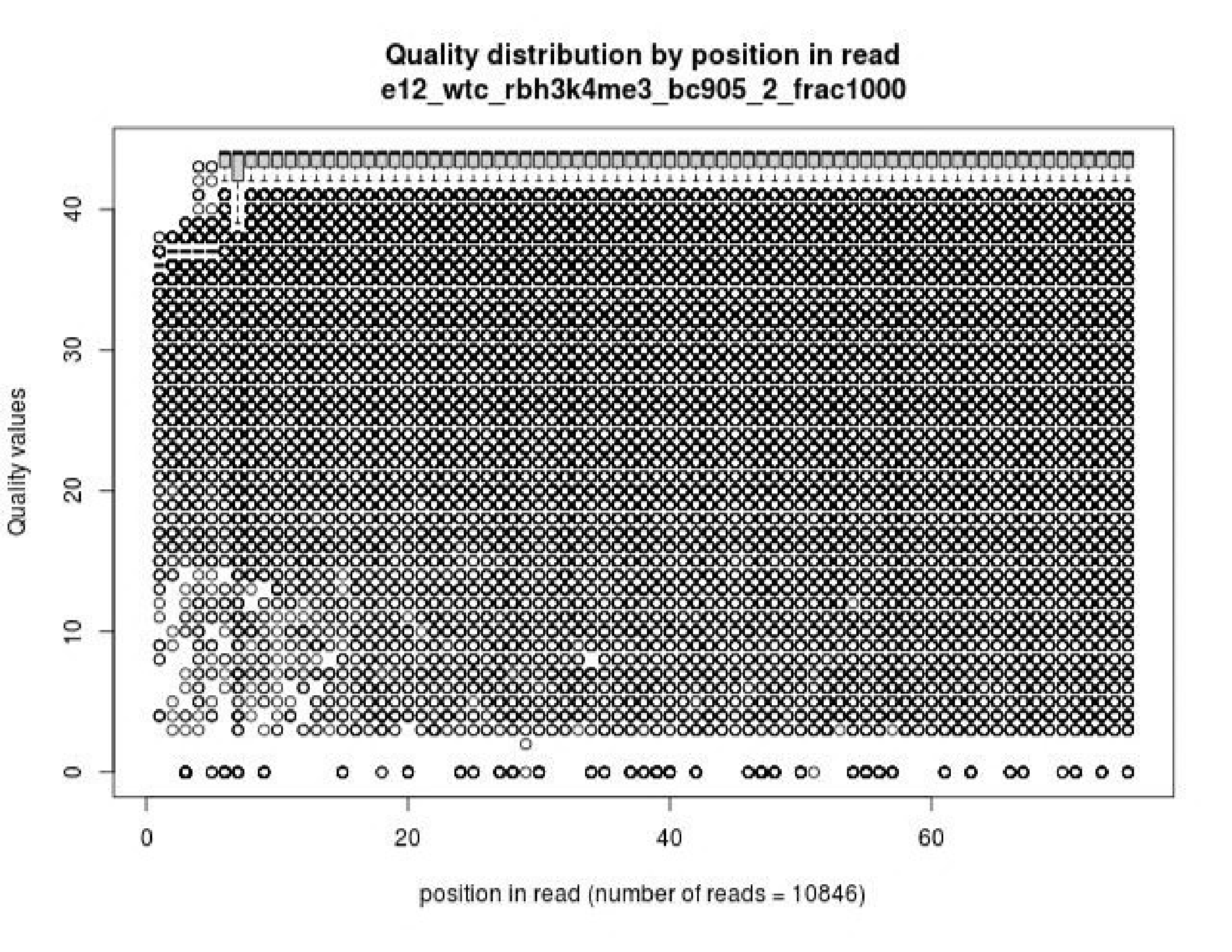

Quality distribution by position in read
e12_wtc_rbgatad2b_bc909_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10180)

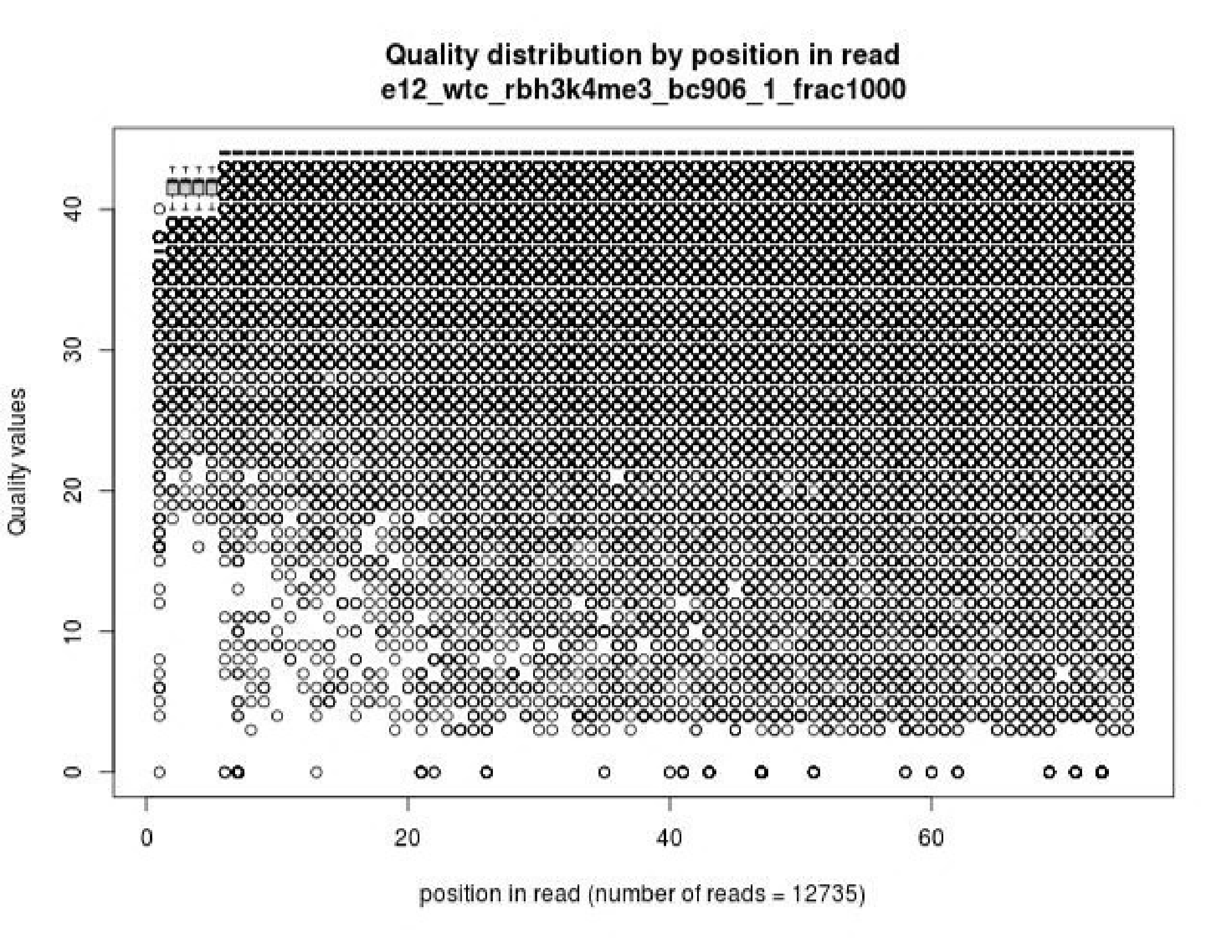

Quality distribution by position in read
e12_wtc_rbgatad2b_bc909_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10180)

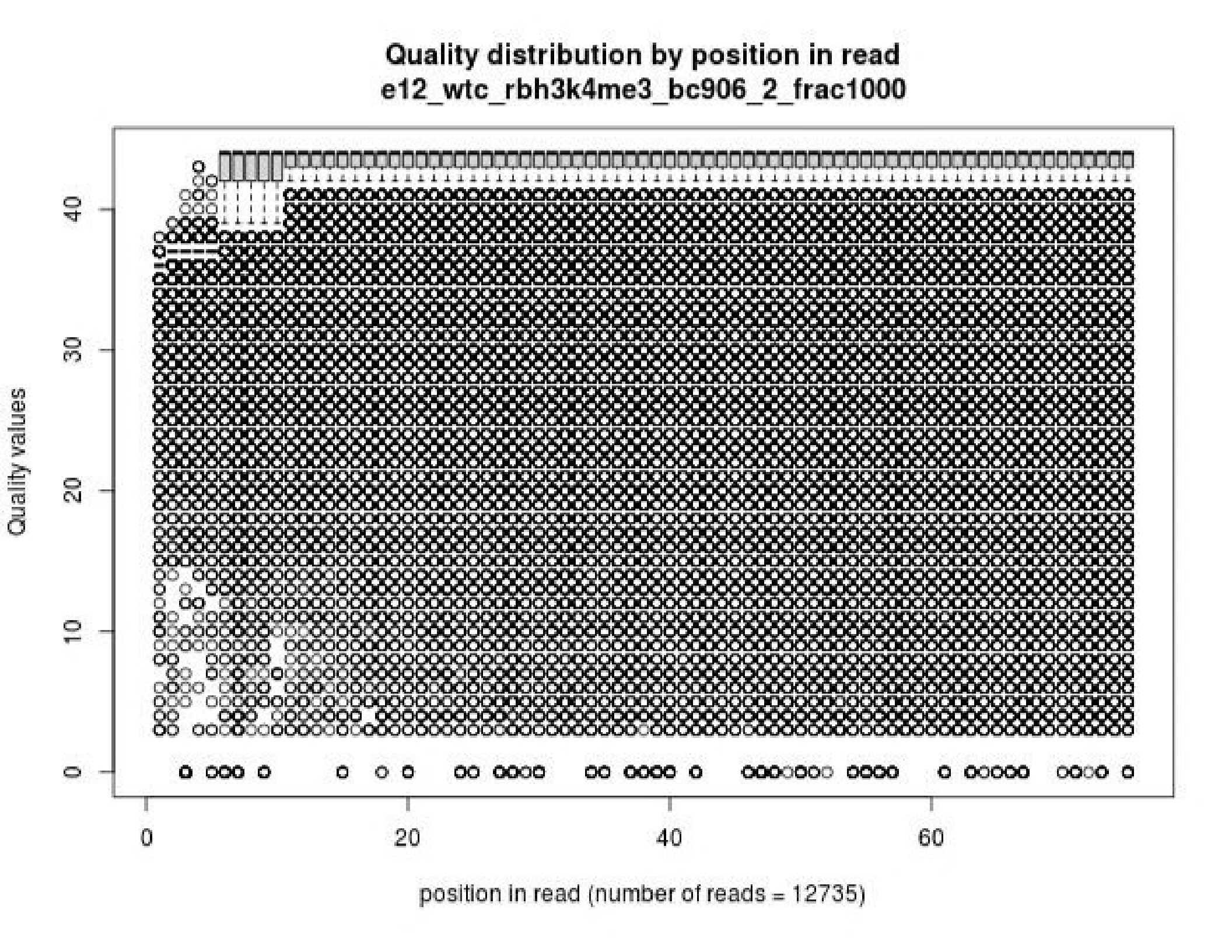

Quality distribution by position in read
e12_wtc_rbgatad2b_bc910_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8305)

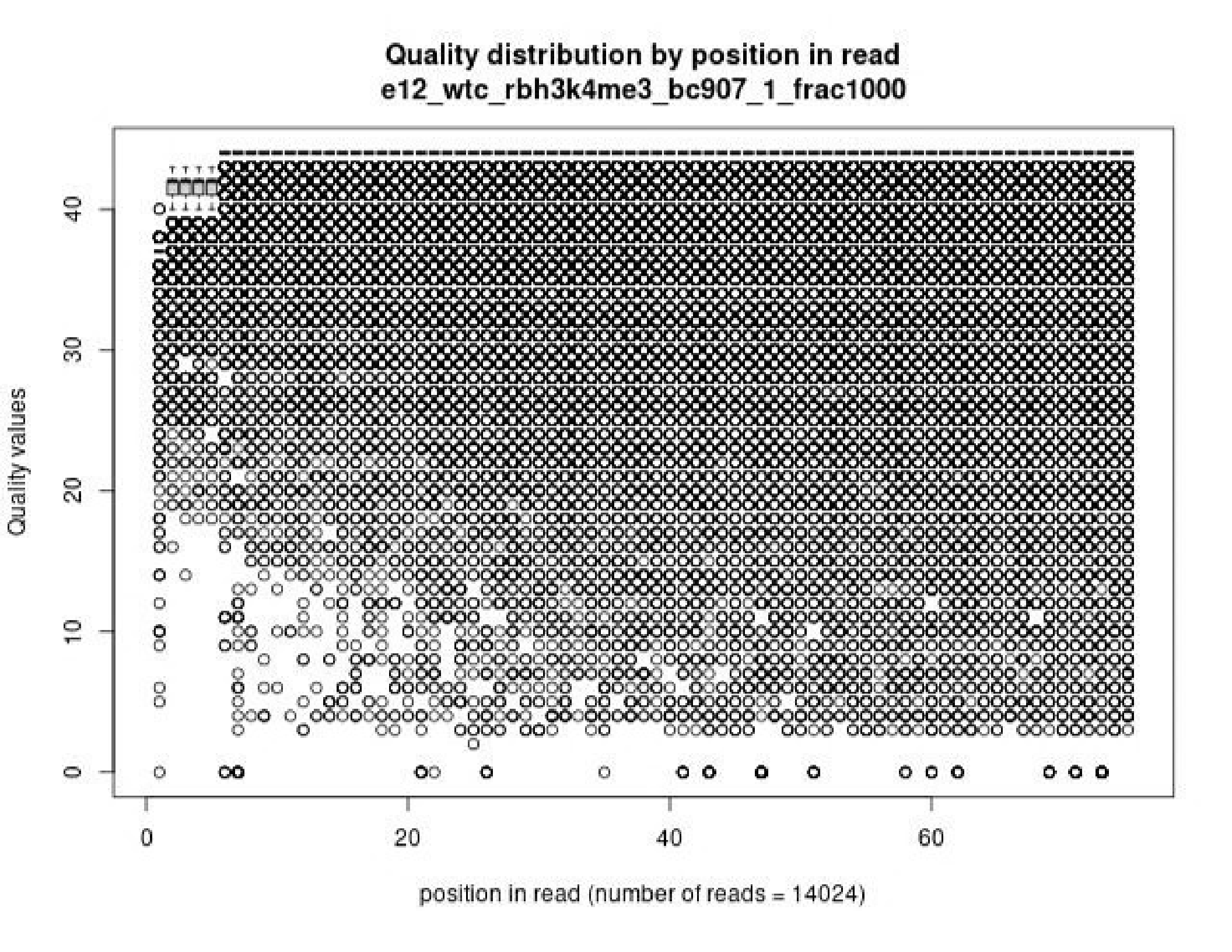

Quality distribution by position in read
e12_wtc_rbgatad2b_bc910_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8305)

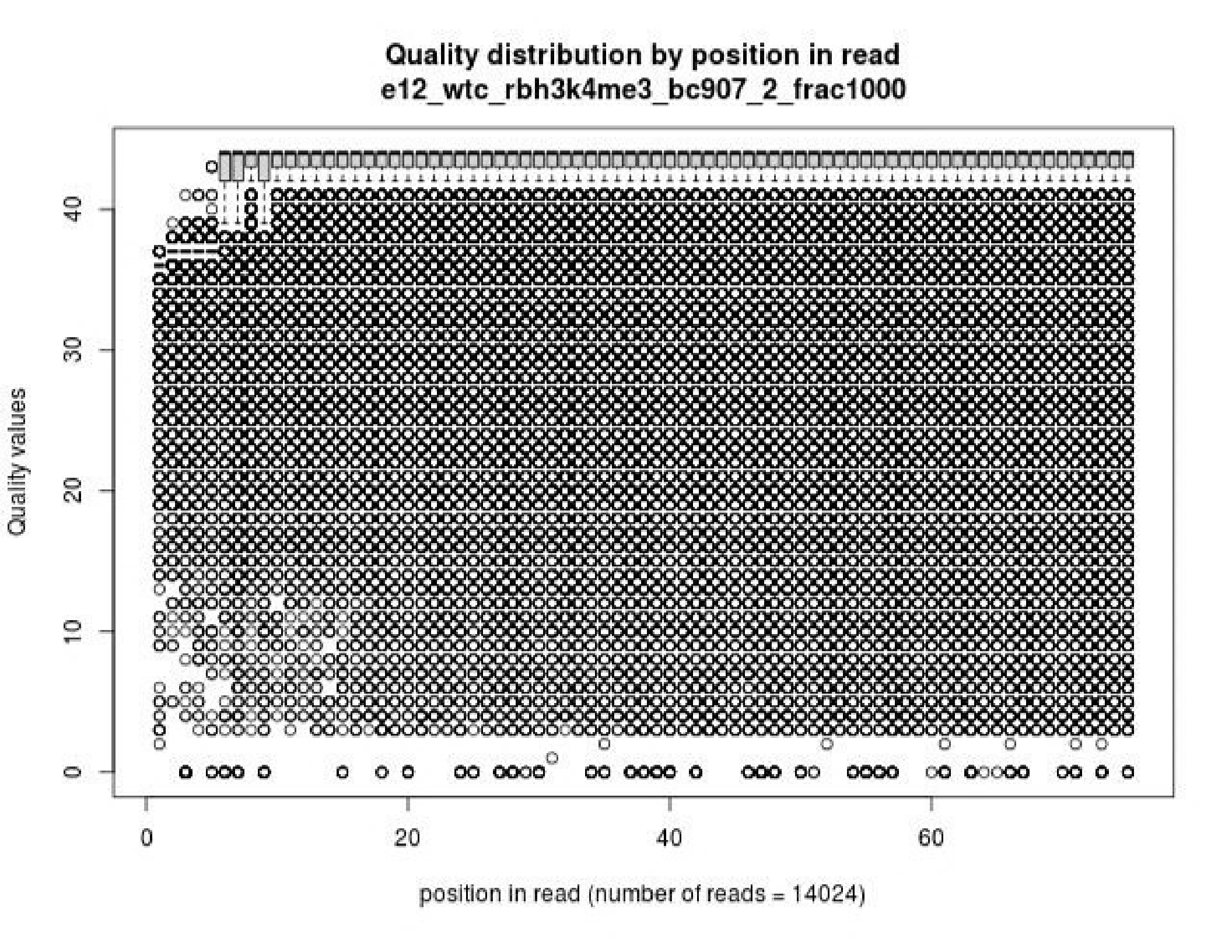

Quality distribution by position in read
e12_wtc_rbh3k4me3_bc905_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10846)

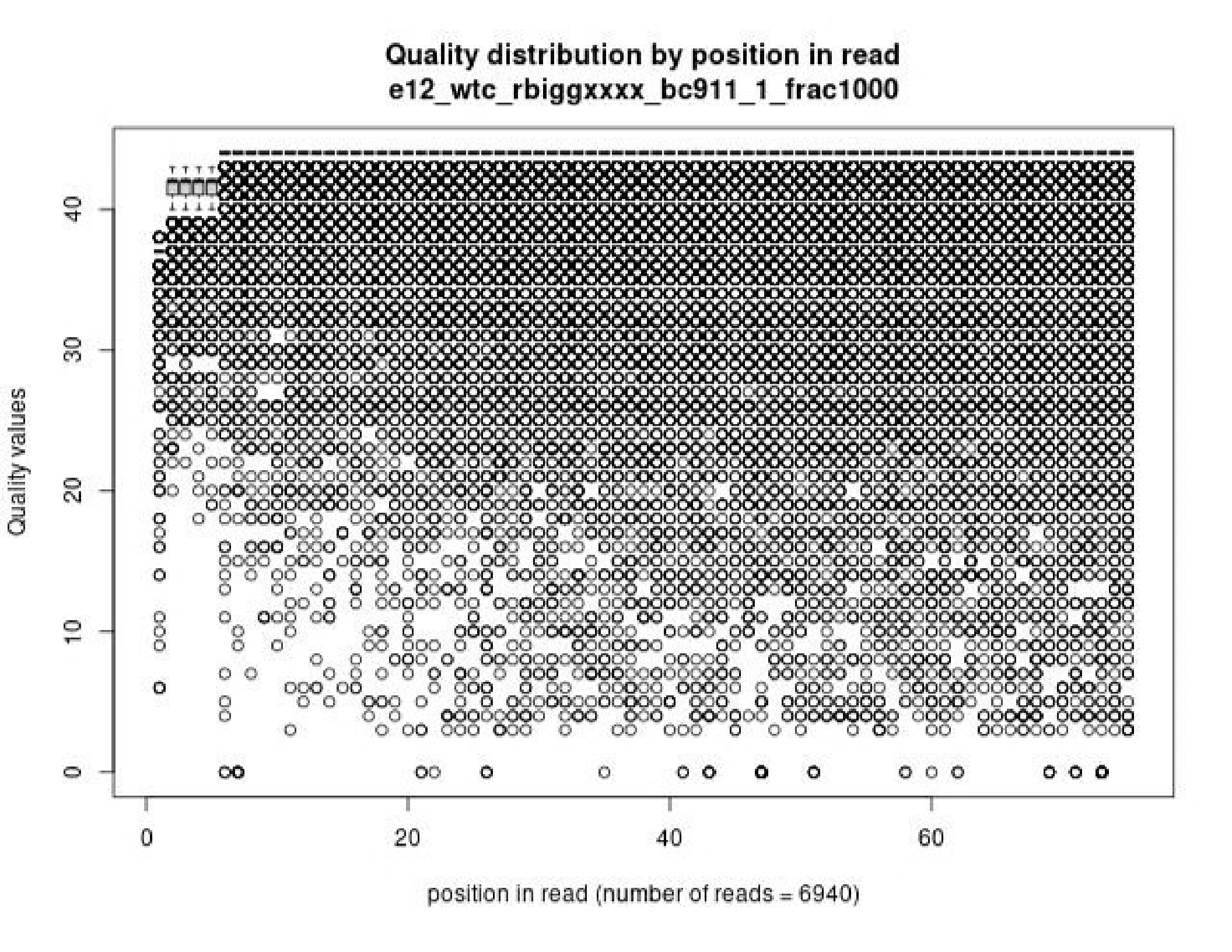

Quality distribution by position in read
e12_wtc_rbh3k4me3_bc905_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10846)

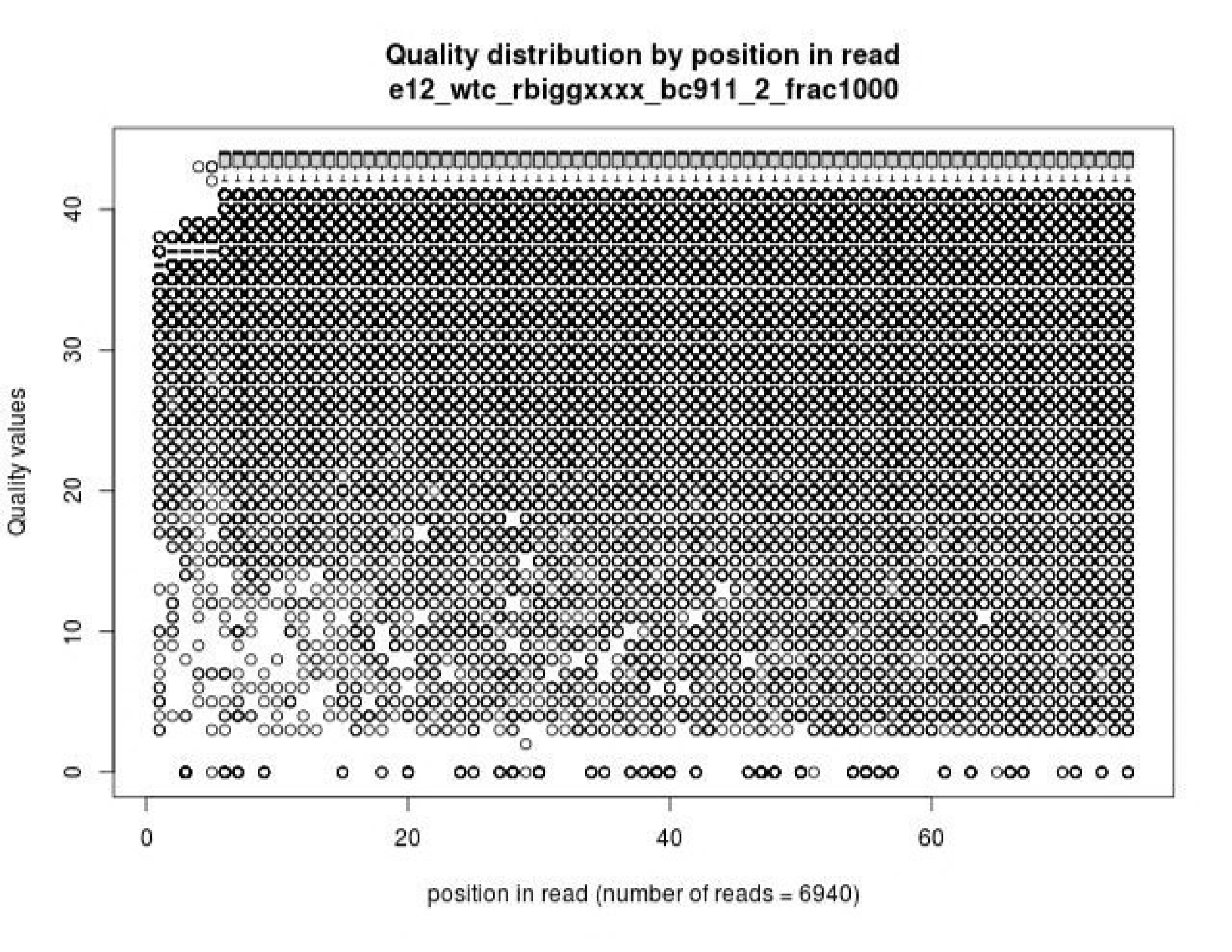

Quality distribution by position in read
e12_wtc_rbh3k4me3_bc906_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 12735)

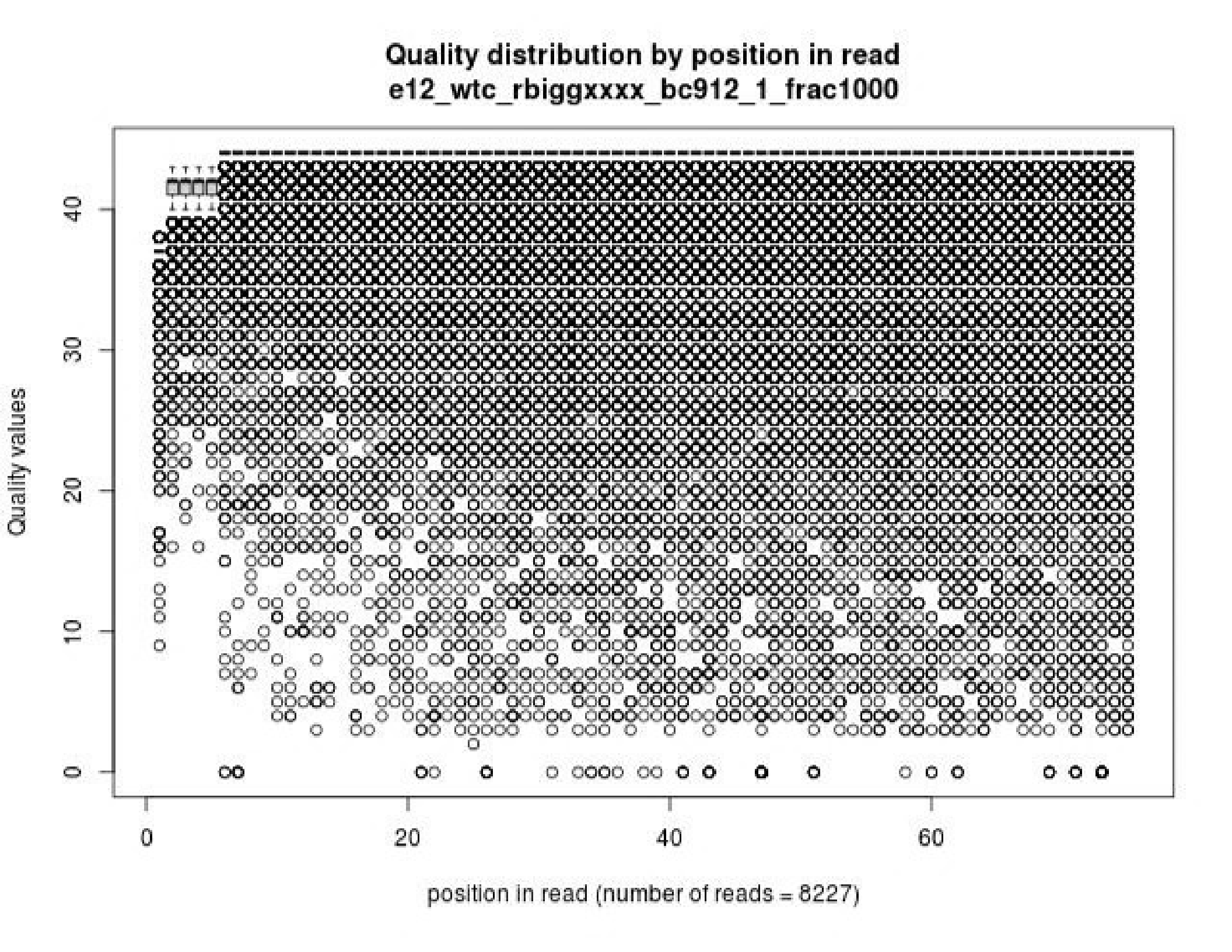

Quality distribution by position in read
e12_wtc_rbh3k4me3_bc906_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 12735)

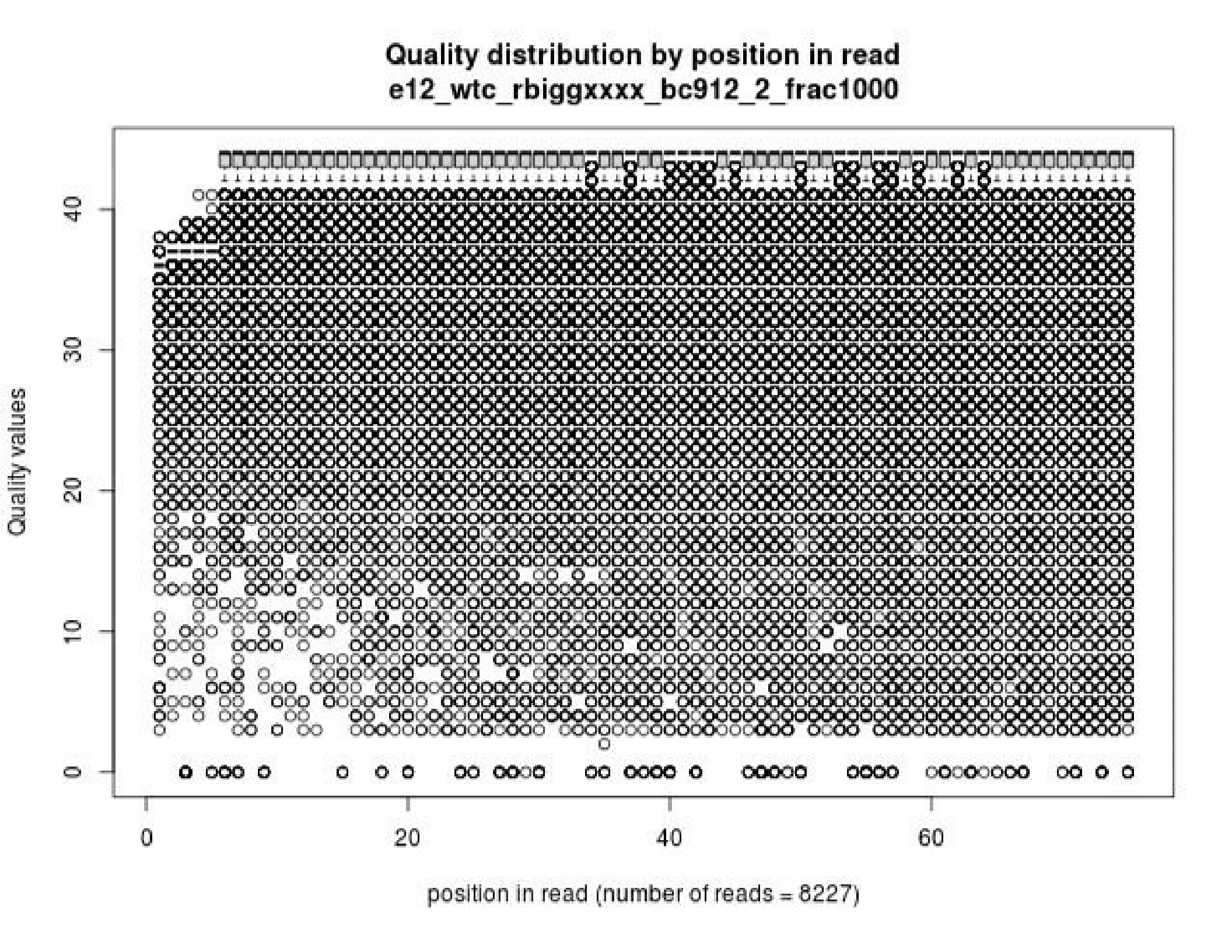

Quality distribution by position in read
e12_wtc_rbh3k4me3_bc907_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 14024)

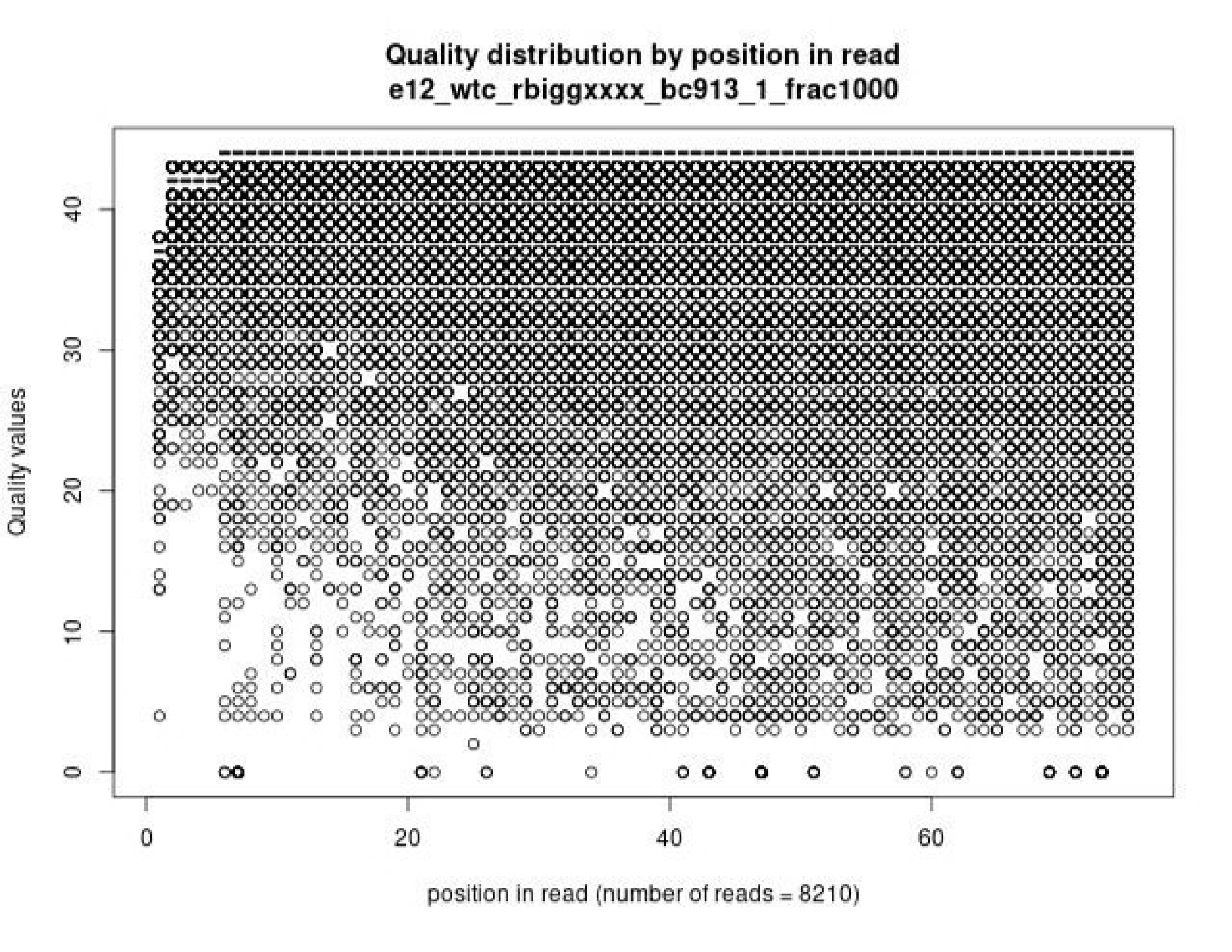

Quality distribution by position in read
e12_wtc_rbh3k4me3_bc907_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 14024)

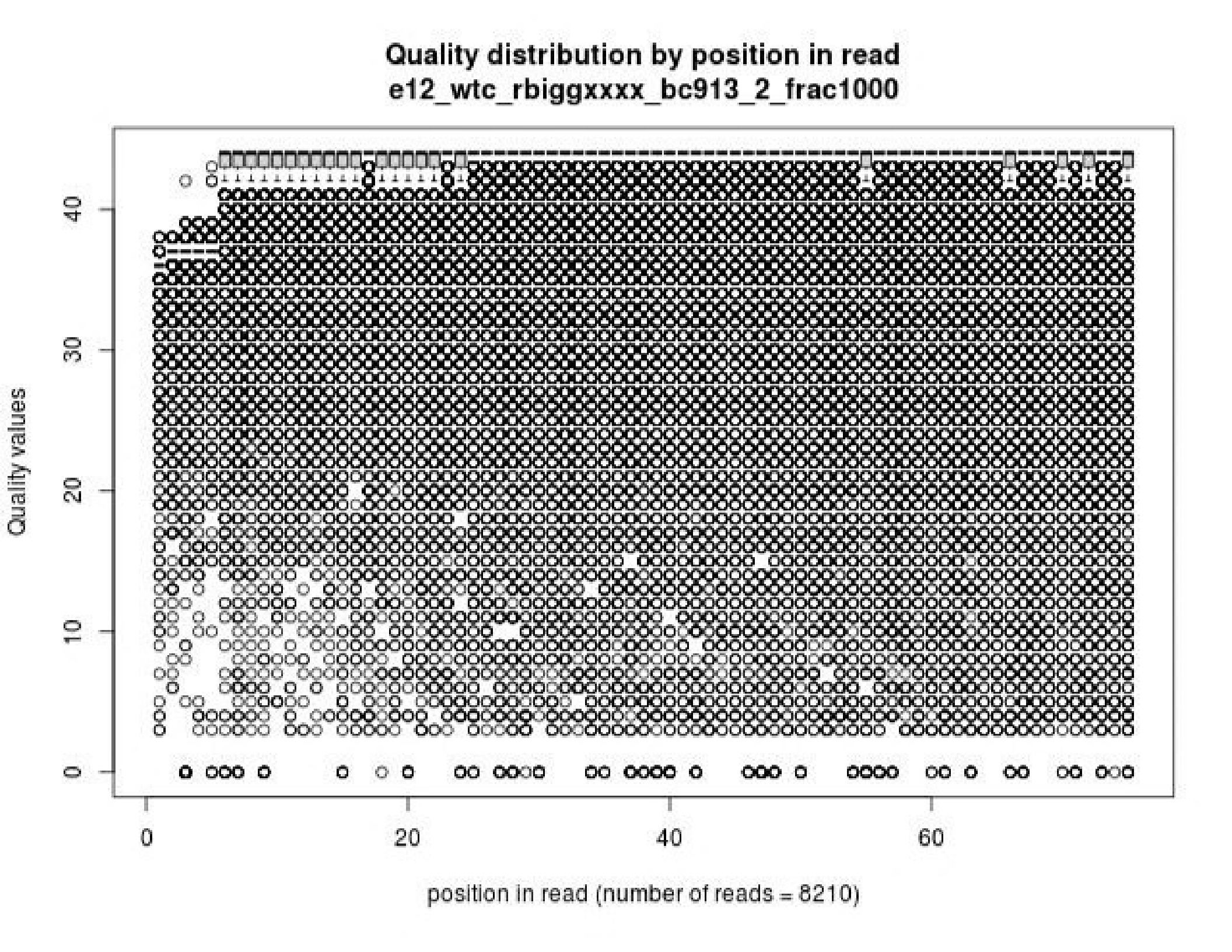

Quality distribution by position in read
e12_wtc_rbiggxxxx_bc911_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6940)

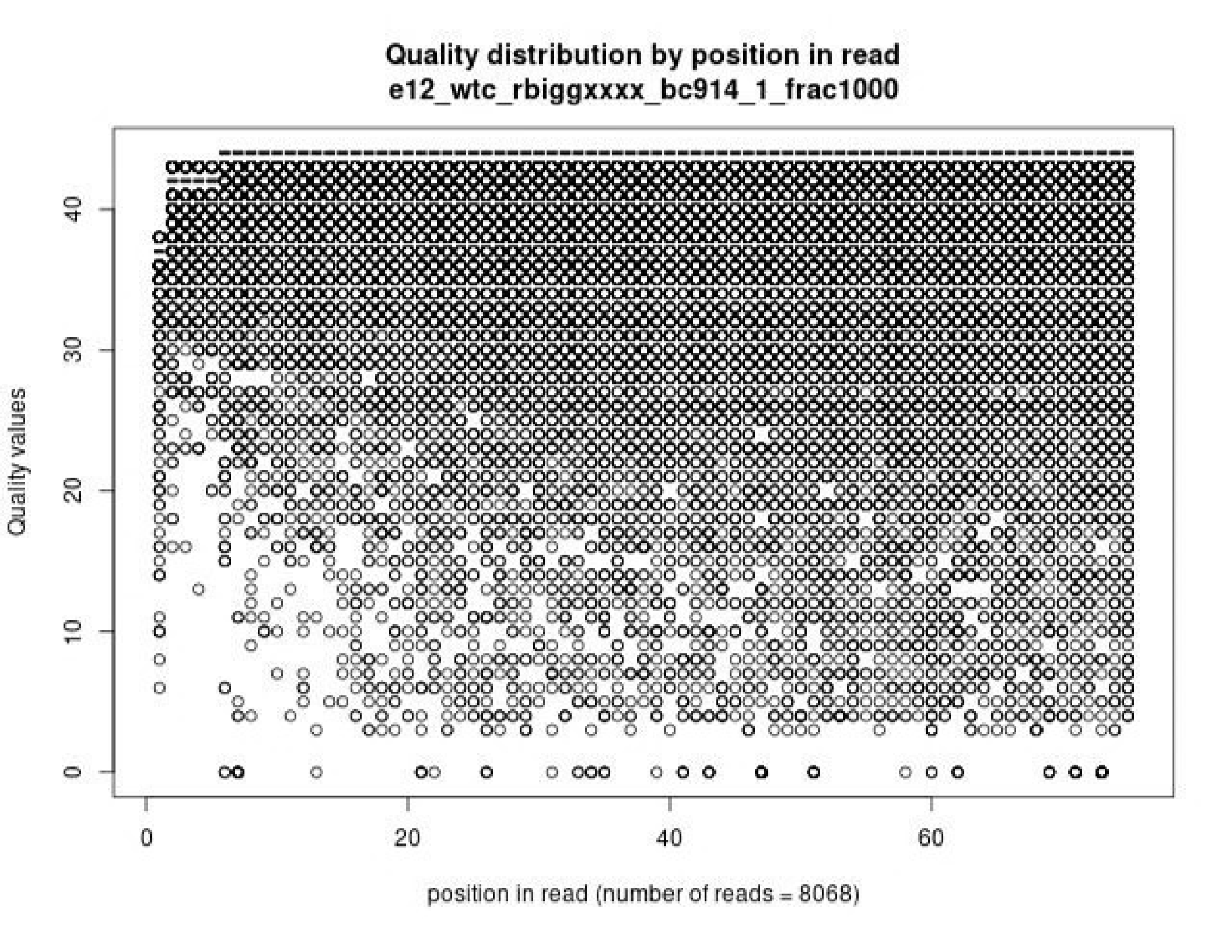

Quality distribution by position in read
e12_wtc_rbiggxxxx_bc911_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6940)

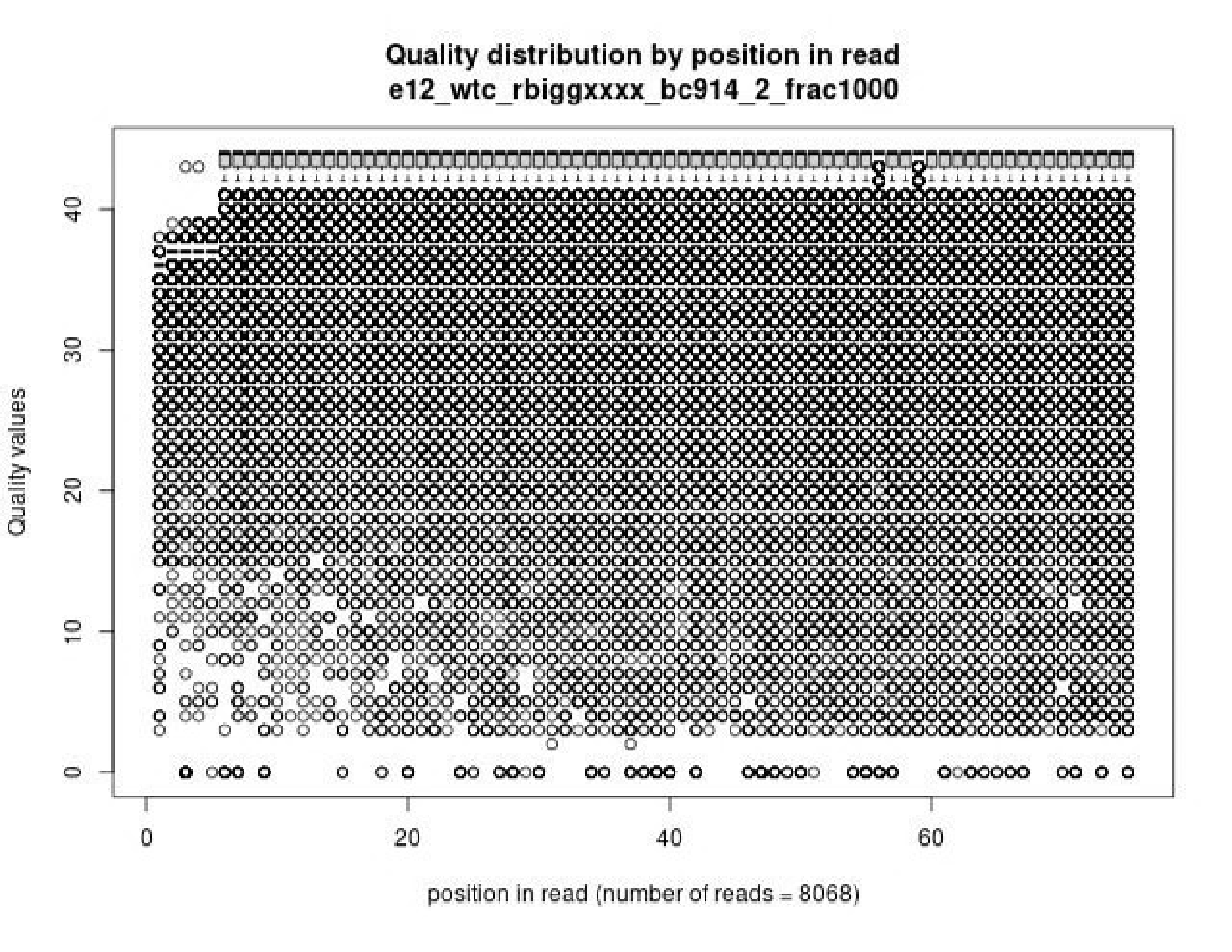

Quality distribution by position in read
e12_wtc_rbiggxxxx_bc912_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8227)

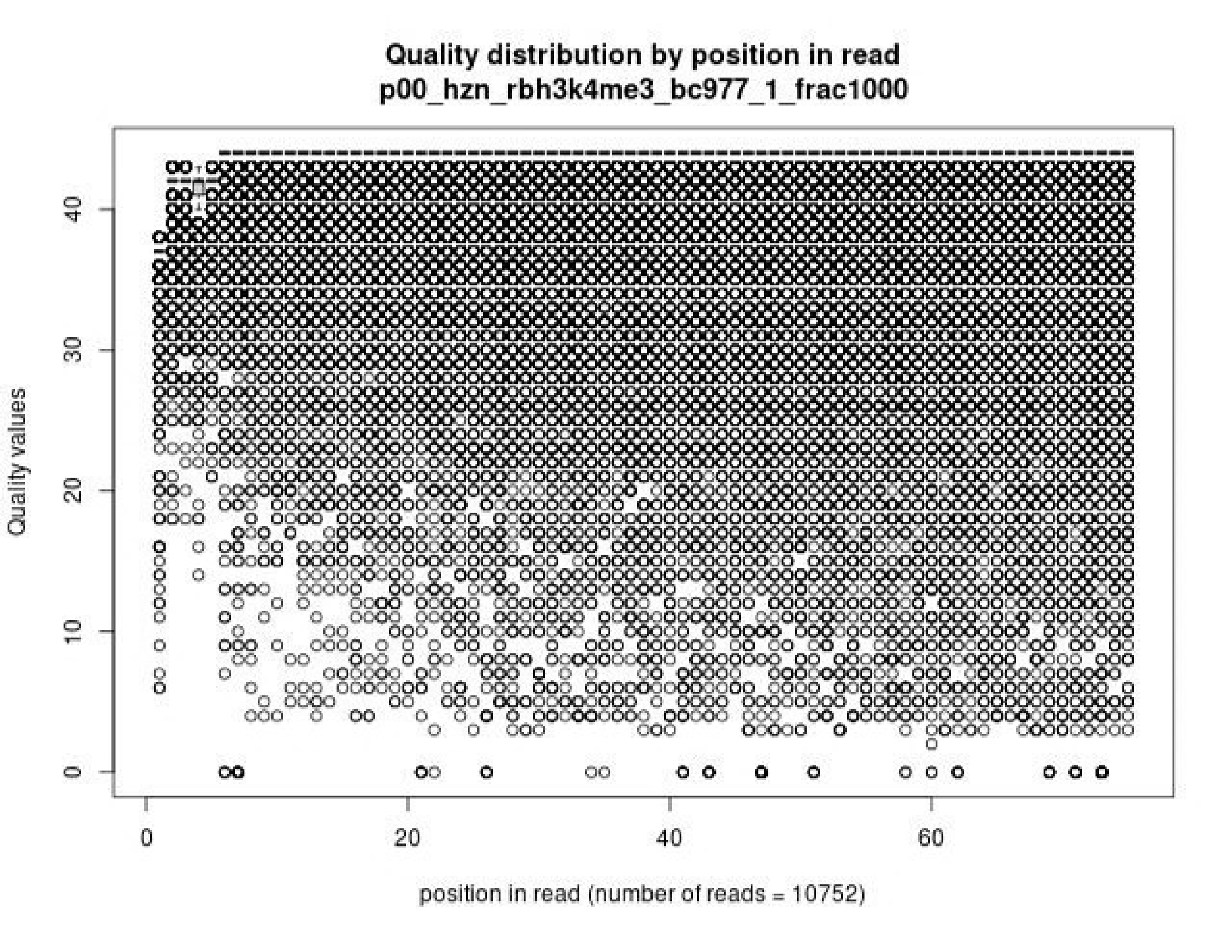

Quality distribution by position in read
e12_wtc_rbiggxxxx_bc912_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8227)

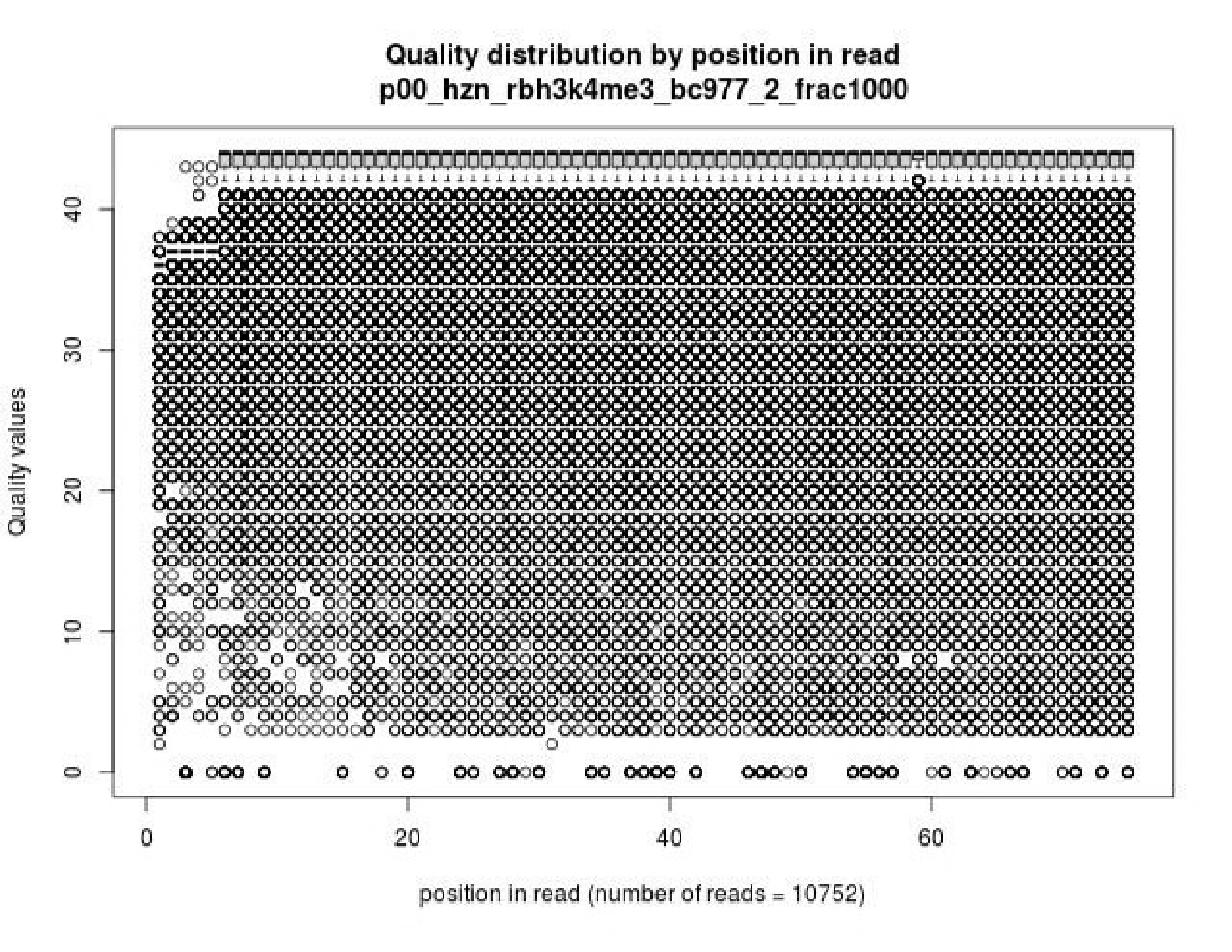

Quality distribution by position in read
e12_wtc_rbiggxxxx_bc913_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8210)

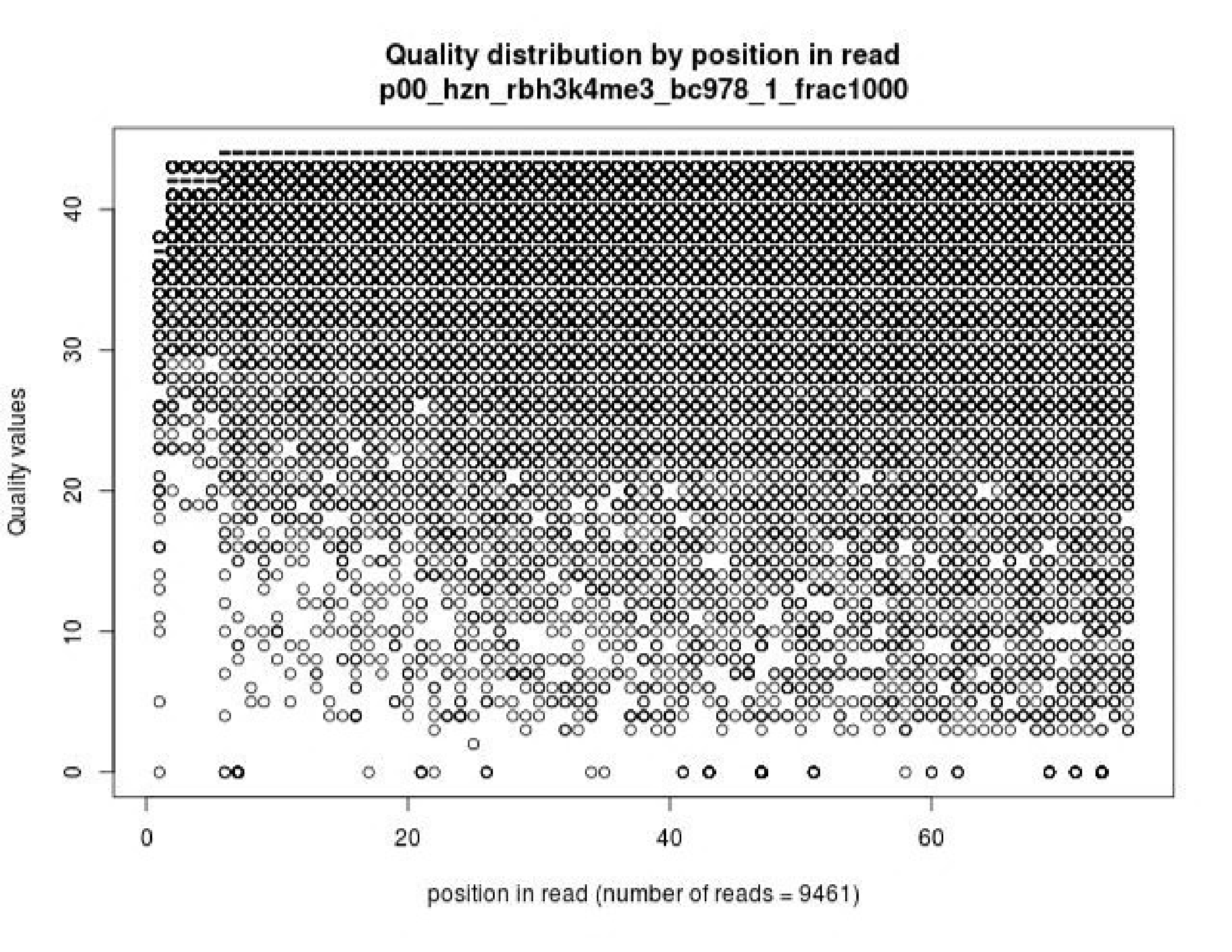

Quality distribution by position in read
e12_wtc_rbiggxxxx_bc913_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8210)

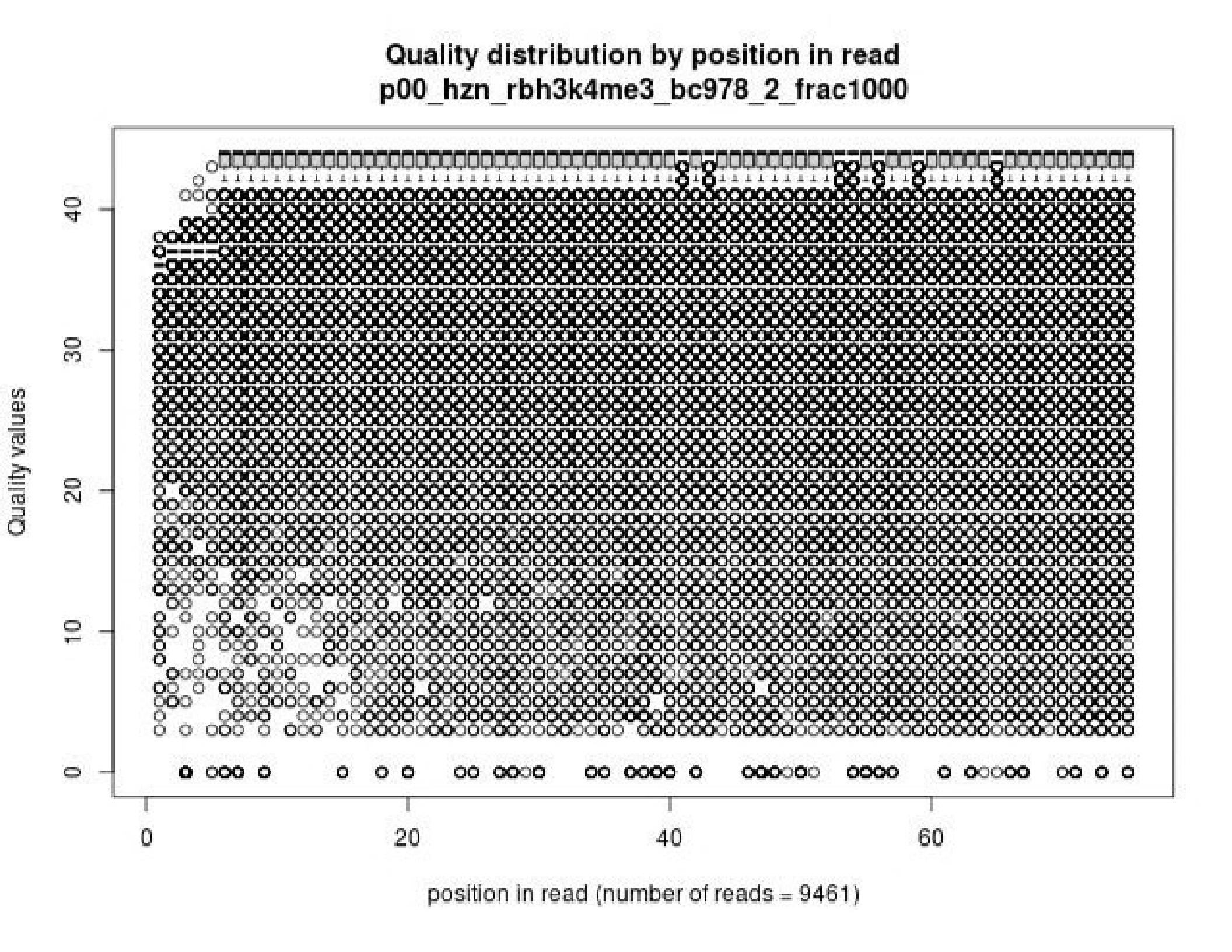

Quality distribution by position in read
e12_wtc_rbiggxxxx_bc914_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8068)

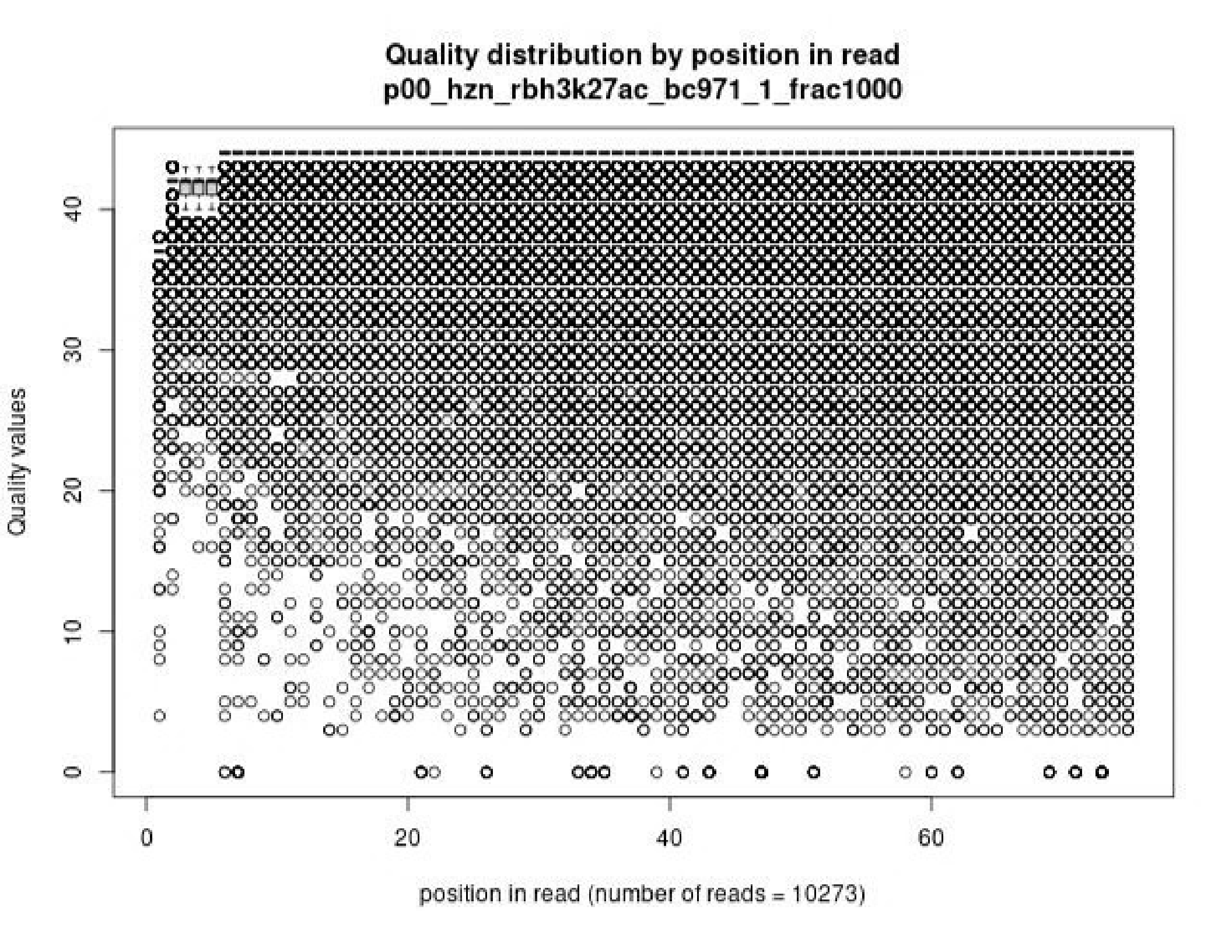

Quality distribution by position in read
e12_wtc_rbiggxxxx_bc914_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8068)

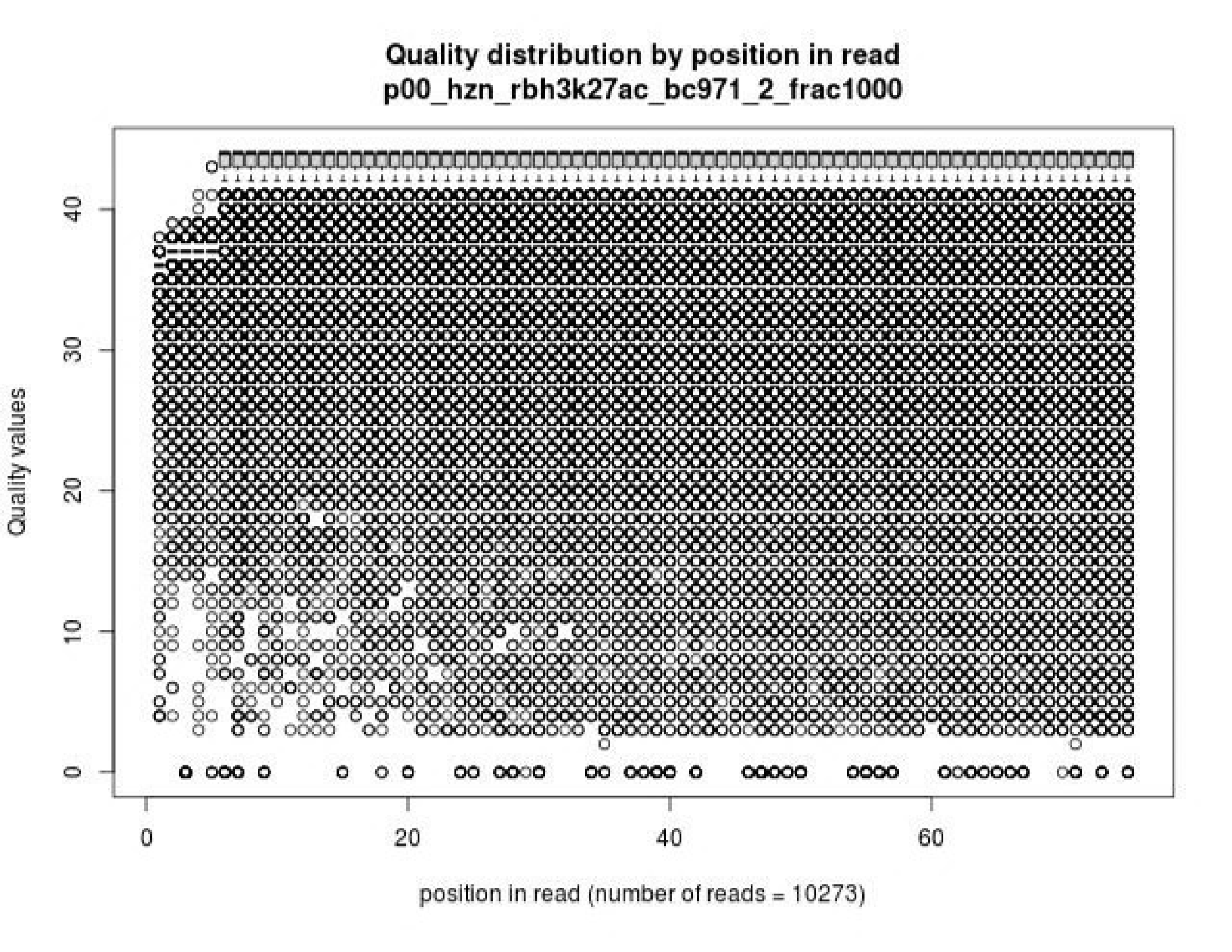

Quality distribution by position in read
p00_hzn_rbh3k4me3_bc977_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10752)

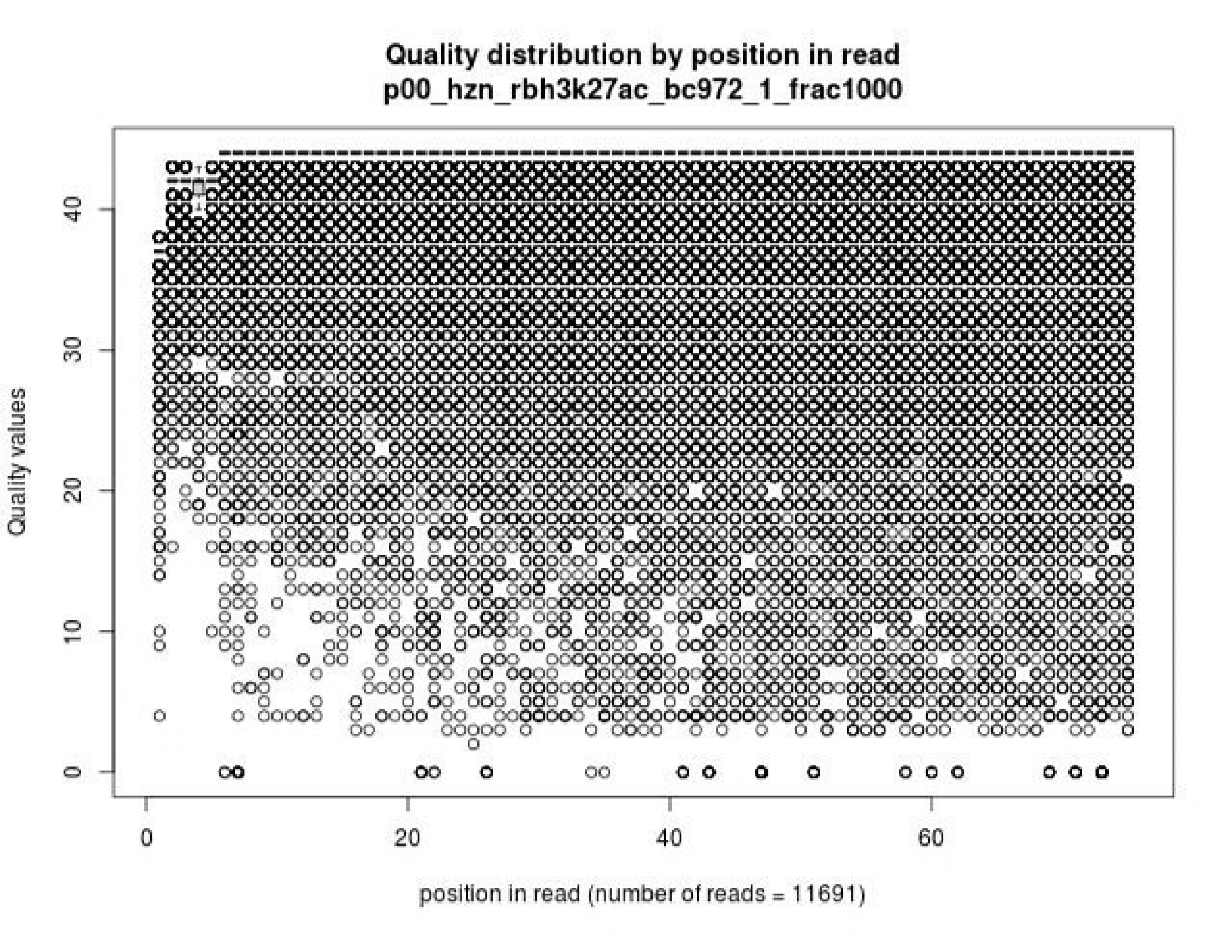

Quality distribution by position in read
p00_hzn_rbh3k4me3_bc977_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10752)

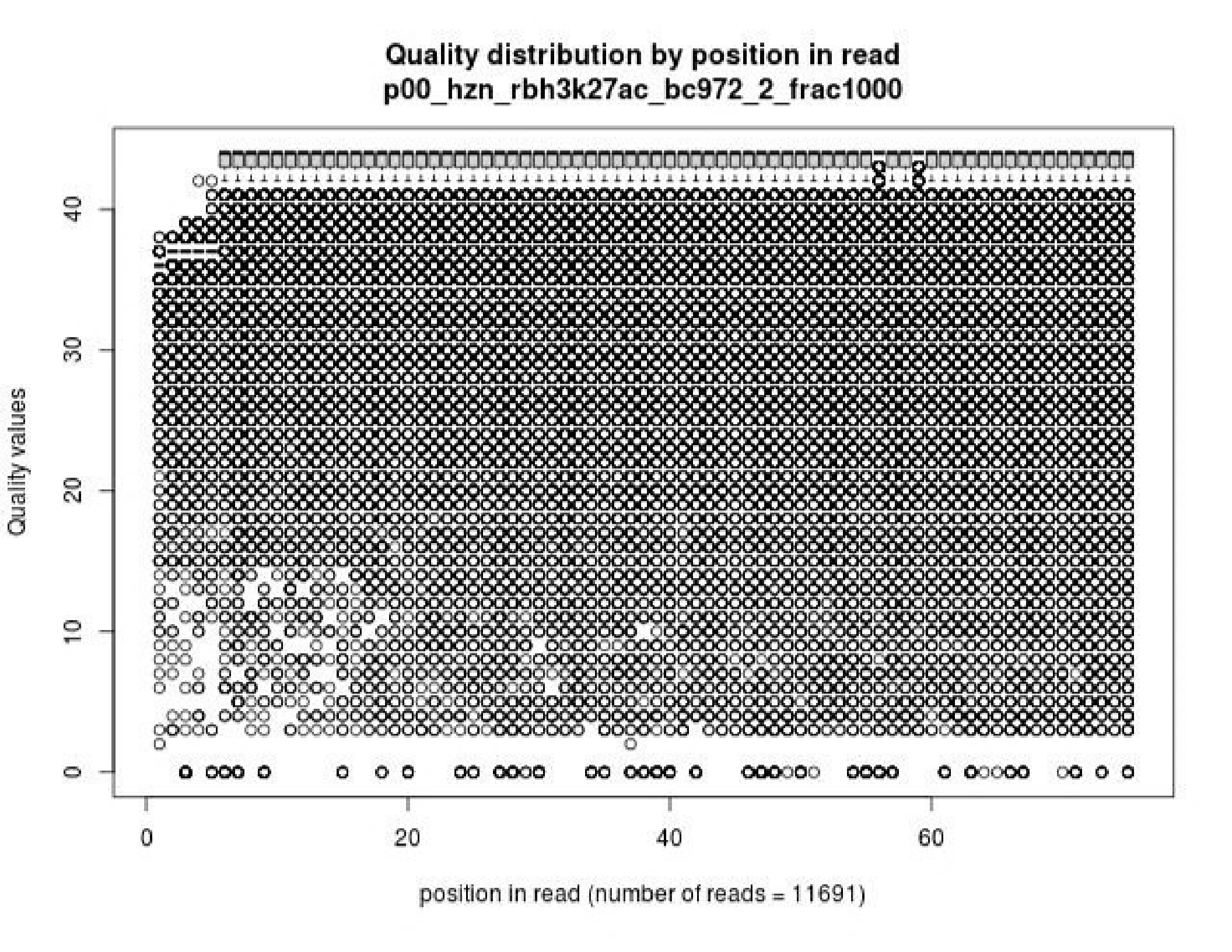

Quality distribution by position in read
p00_hzn_rbh3k4me3_bc978_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9461)

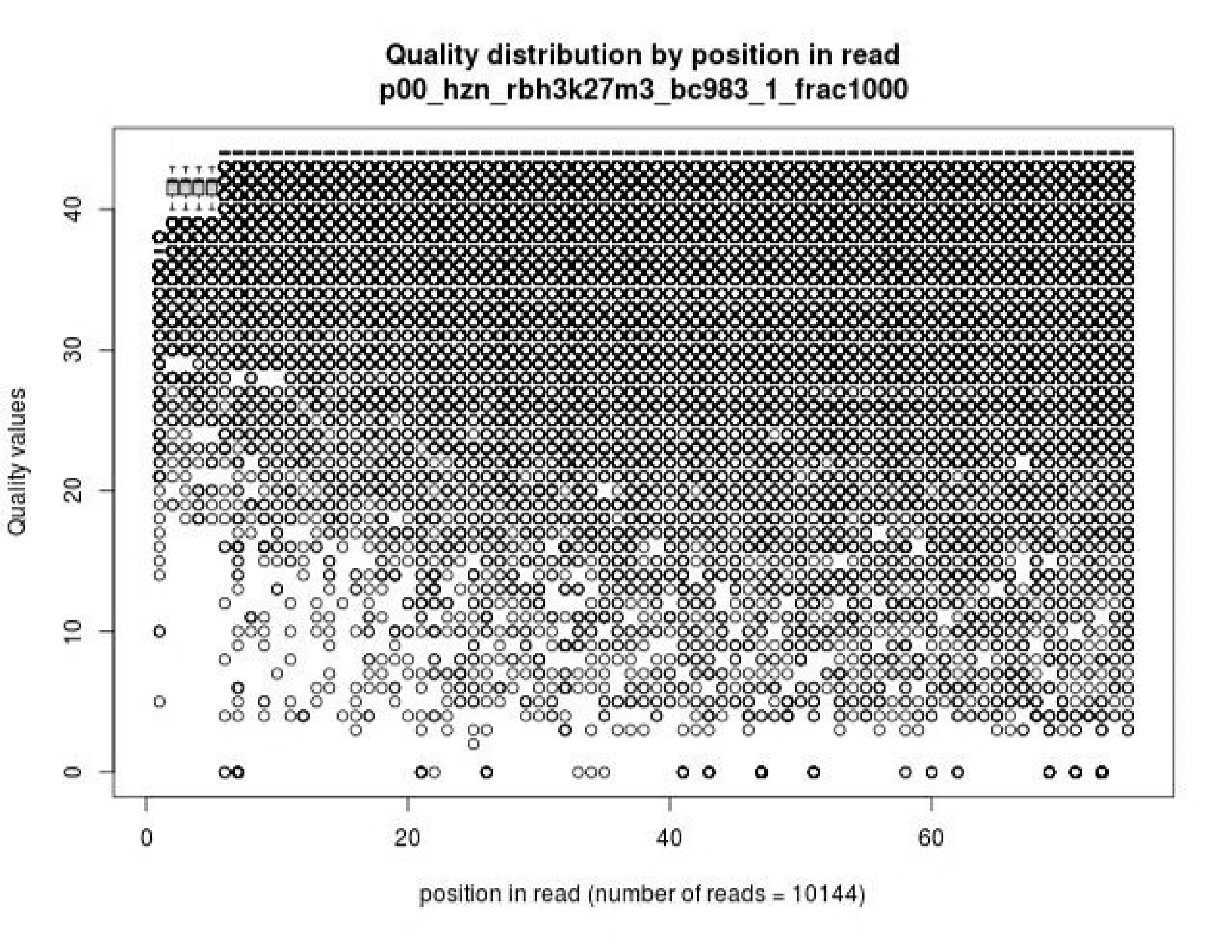

Quality distribution by position in read
p00_hzn_rbh3k4me3_bc978_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9461)

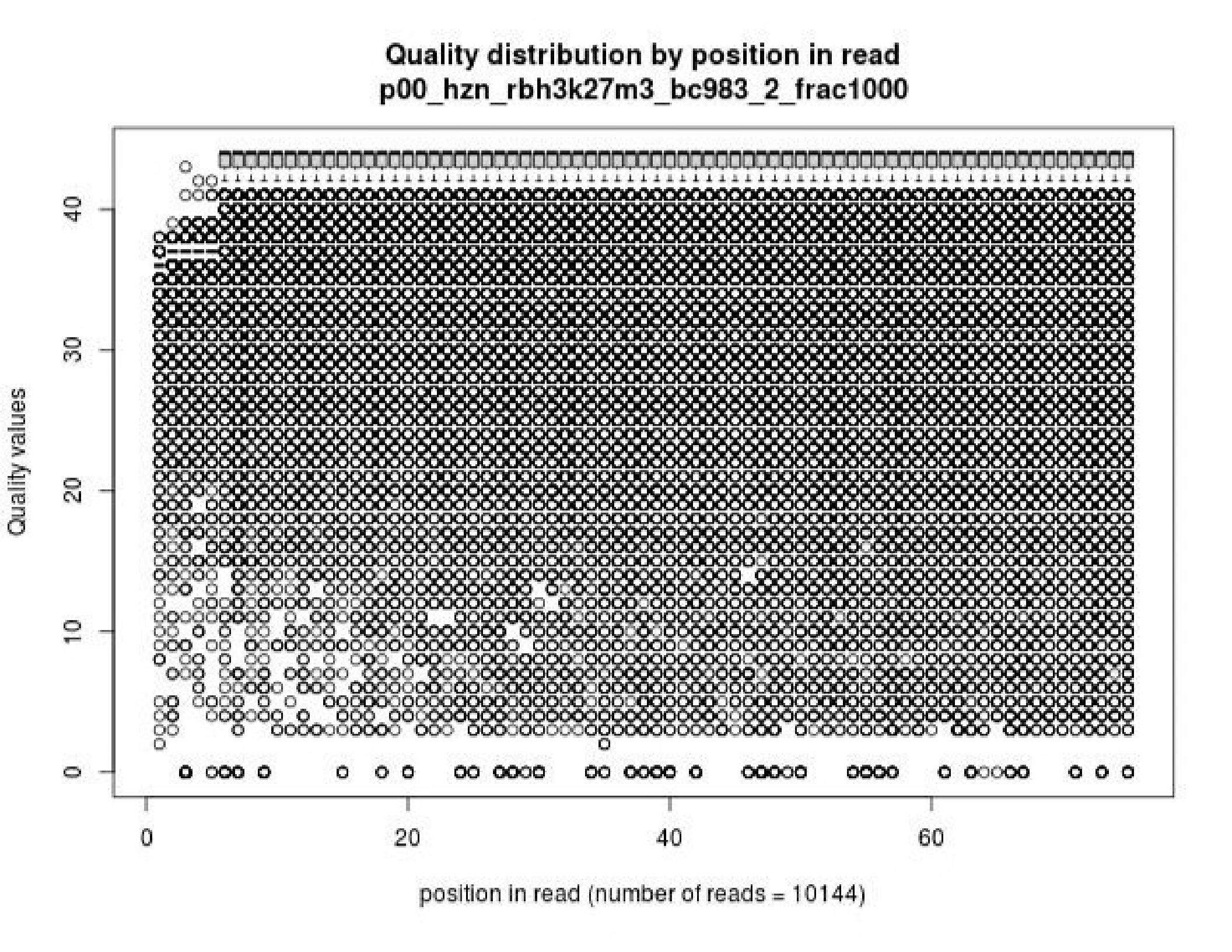

Quality distribution by position in read
p00_hzn_rbh3k27ac_bc971_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10273)

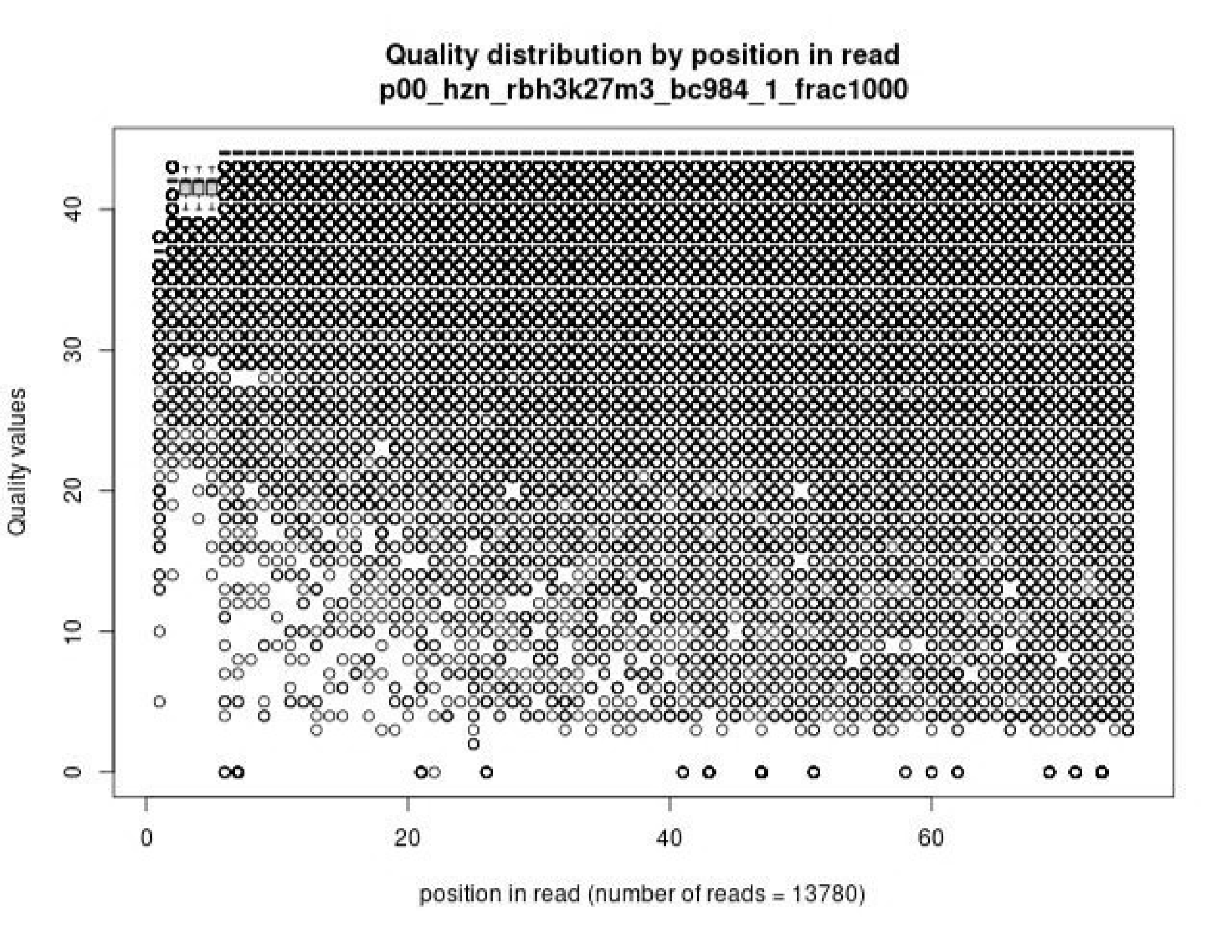

Quality distribution by position in read
p00_hzn_rbh3k27ac_bc971_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10273)

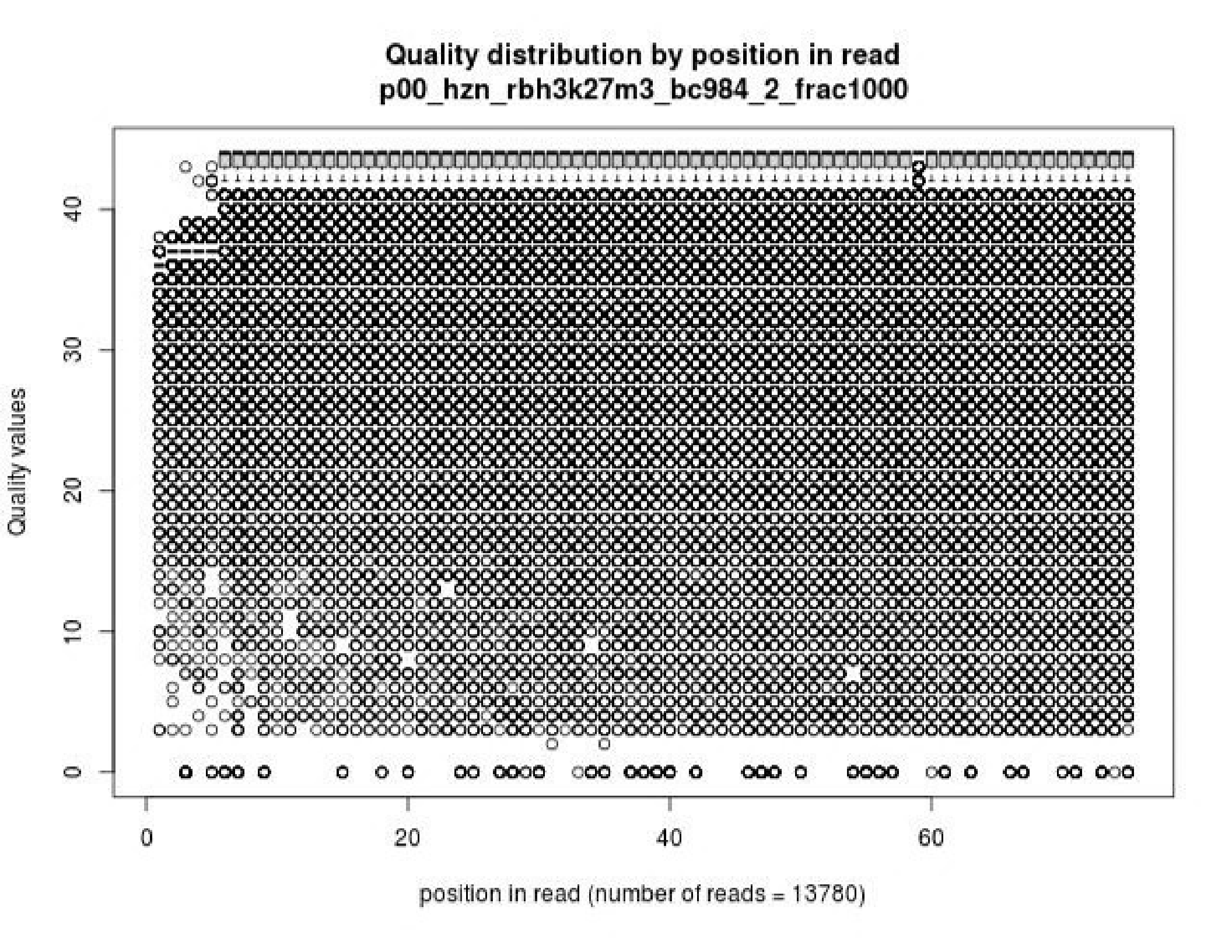

Quality distribution by position in read
p00_hzn_rbh3k27ac_bc972_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 11691)

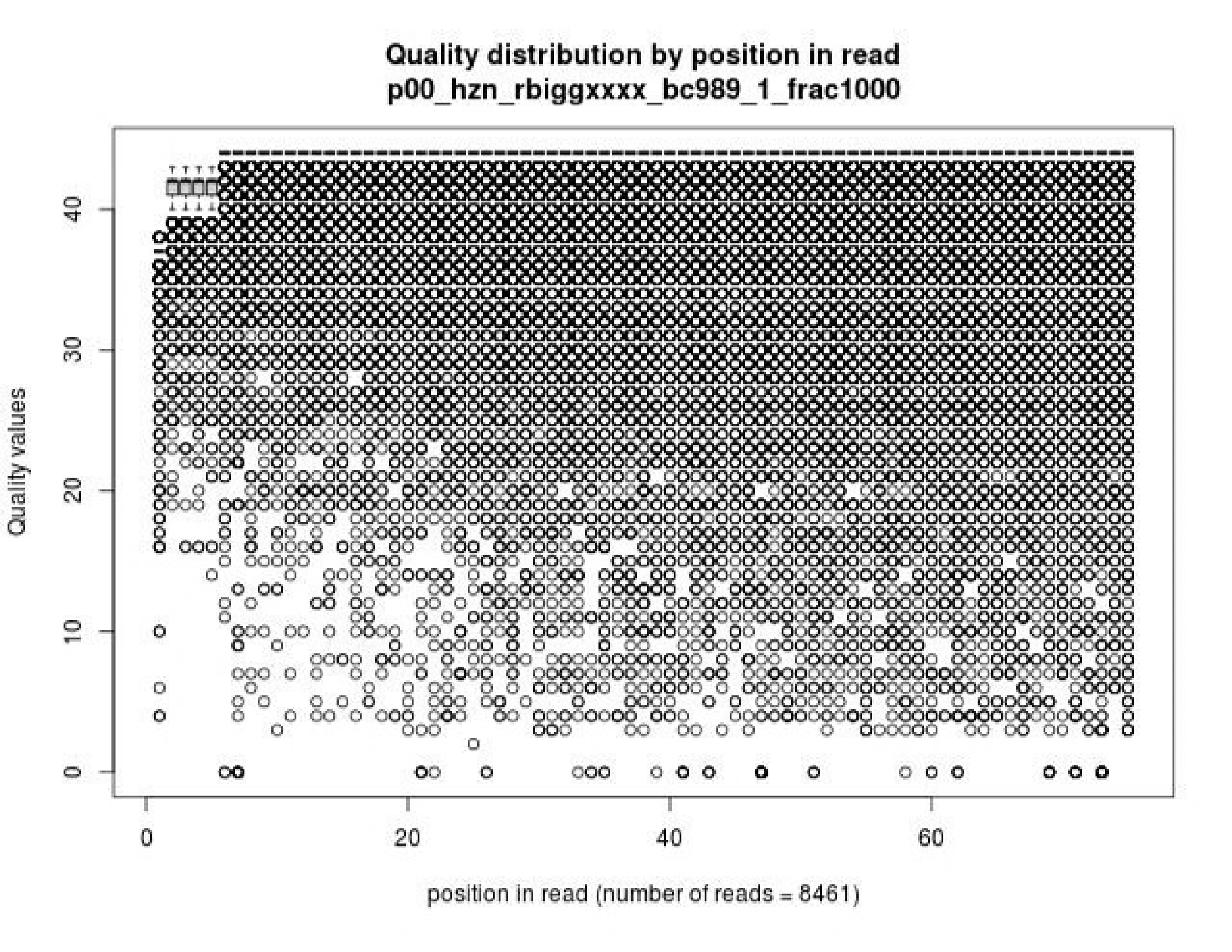

Quality distribution by position in read
p00_hzn_rbh3k27ac_bc972_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 11691)

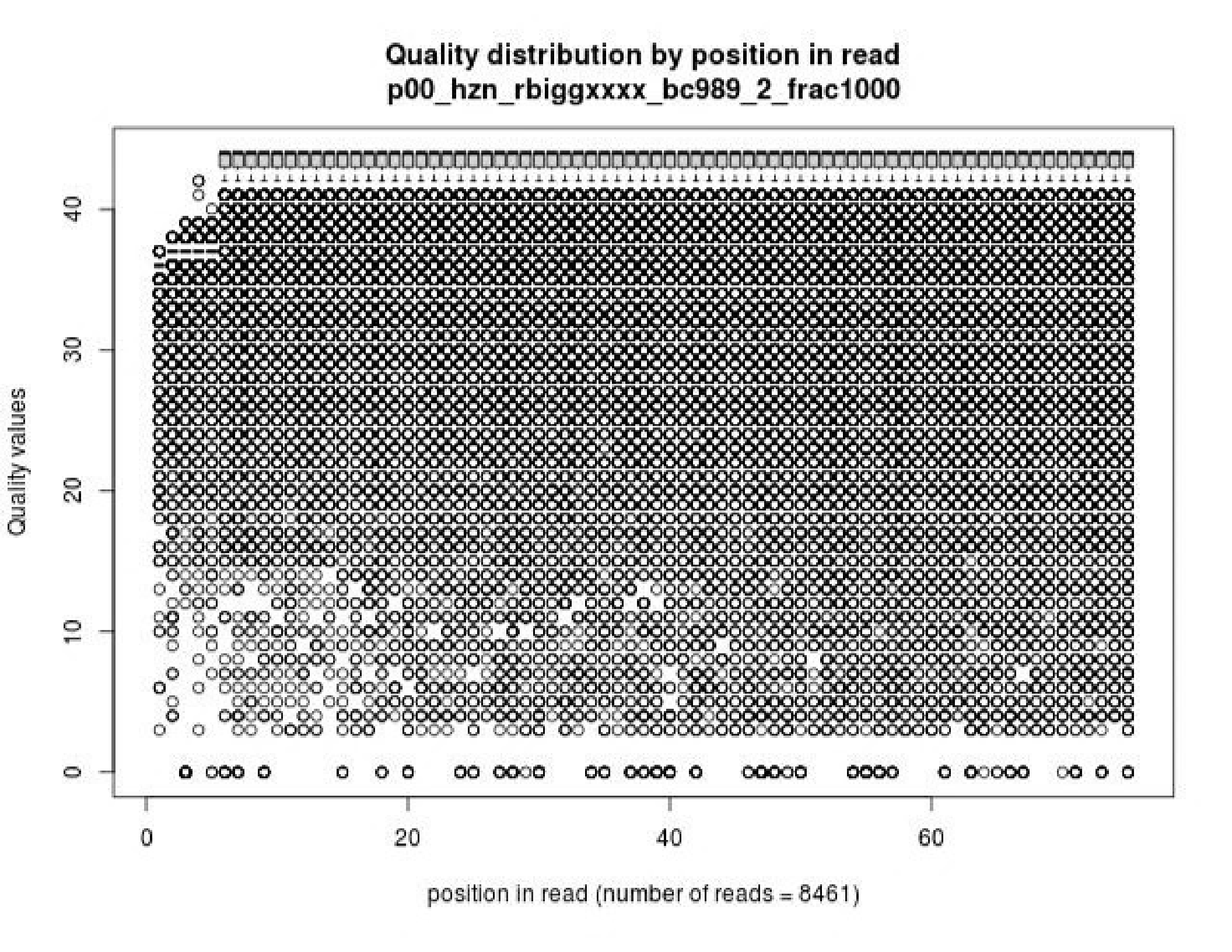

Quality distribution by position in read
p00_hzn_rbh3k27m3_bc983_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10144)

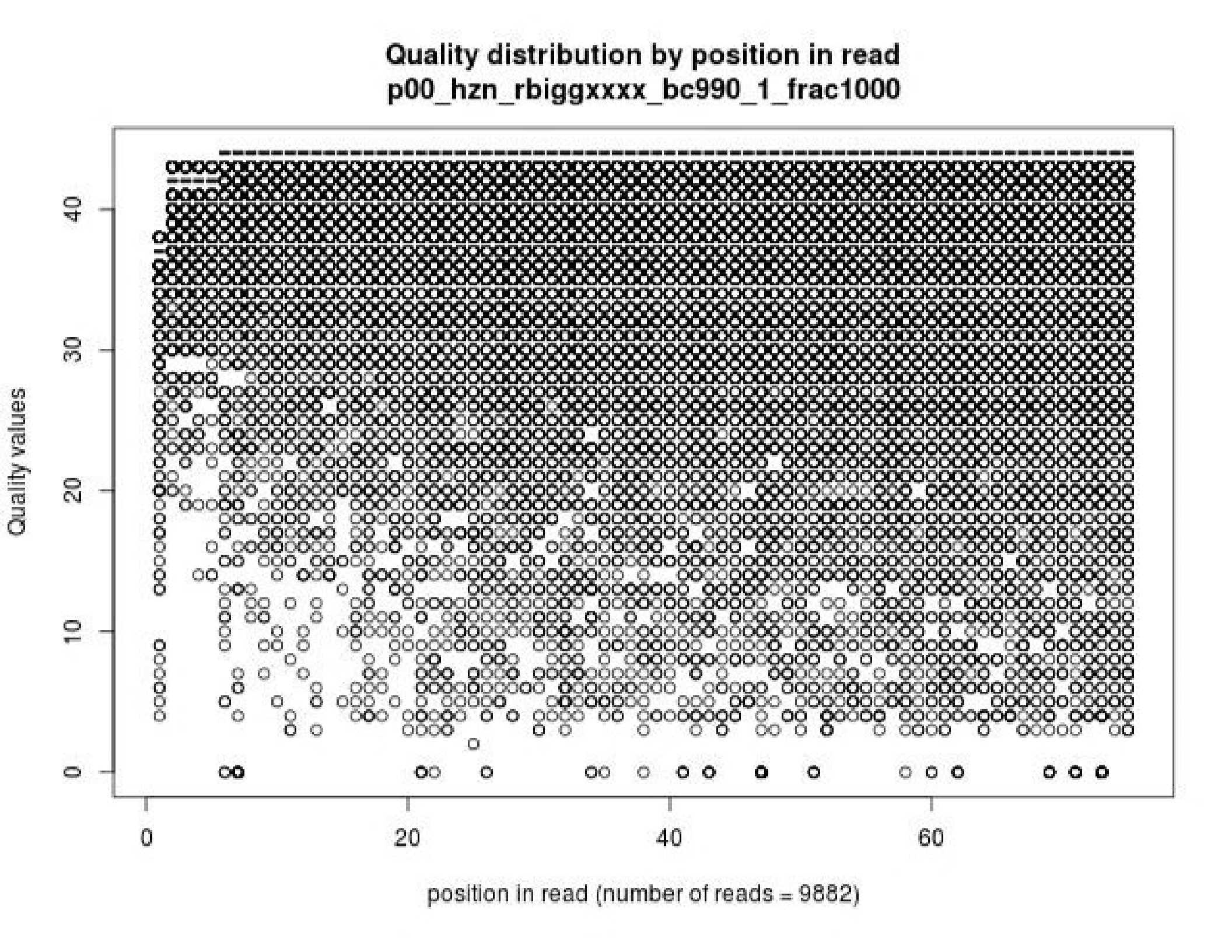

Quality distribution by position in read
p00_hzn_rbh3k27m3_bc983_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10144)

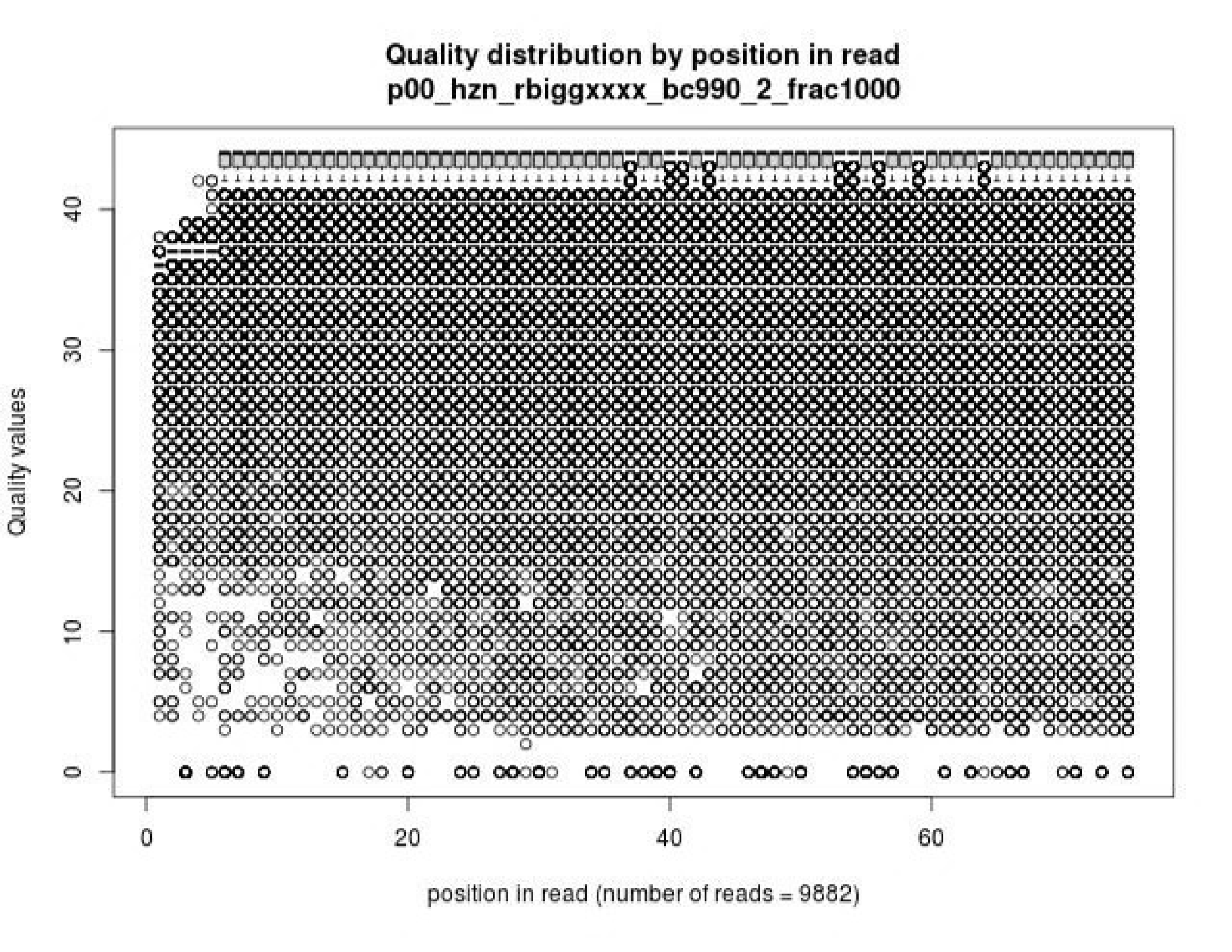

Quality distribution by position in read
p00_hzn_rbh3k27m3_bc984_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 13780)

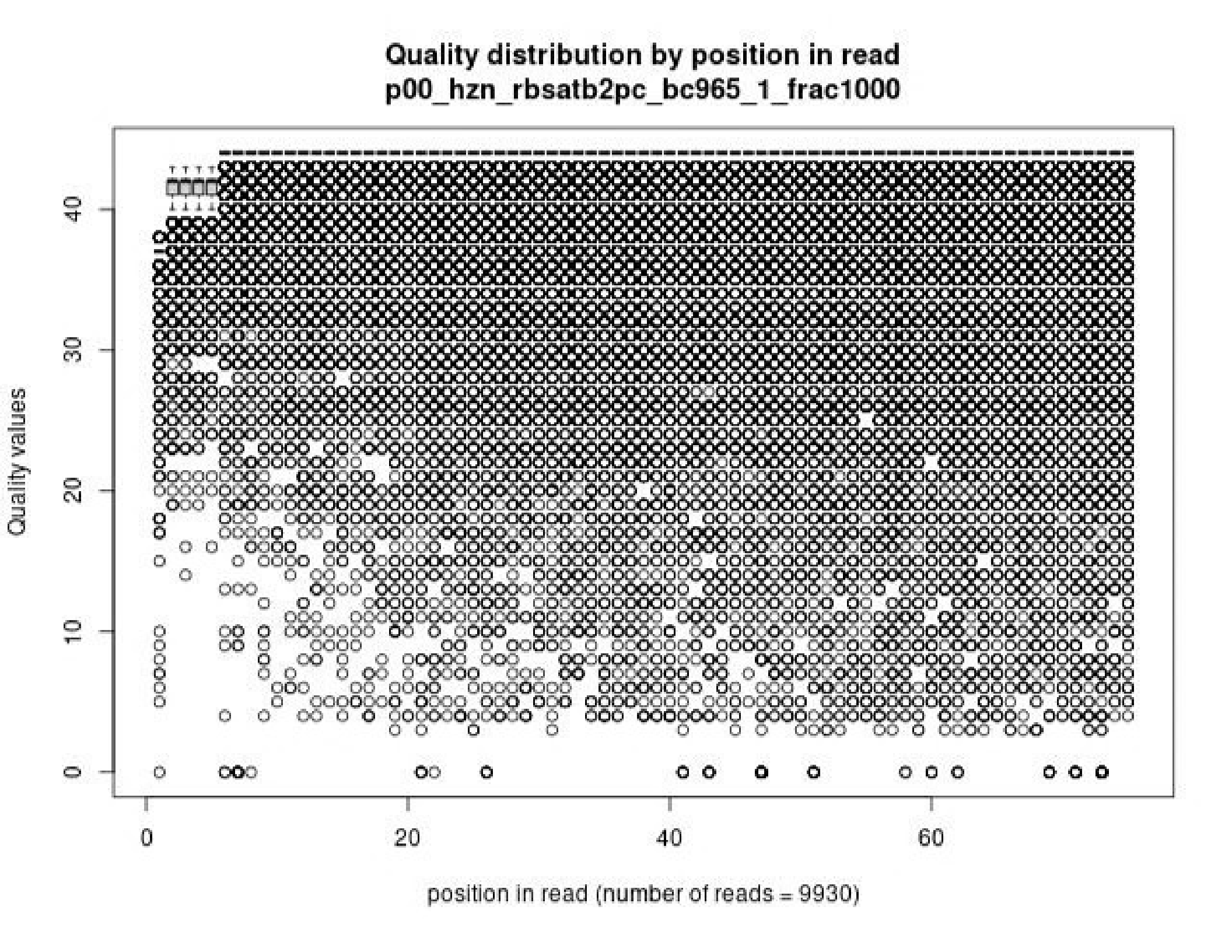

Quality distribution by position in read
p00_hzn_rbh3k27m3_bc984_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 13780)

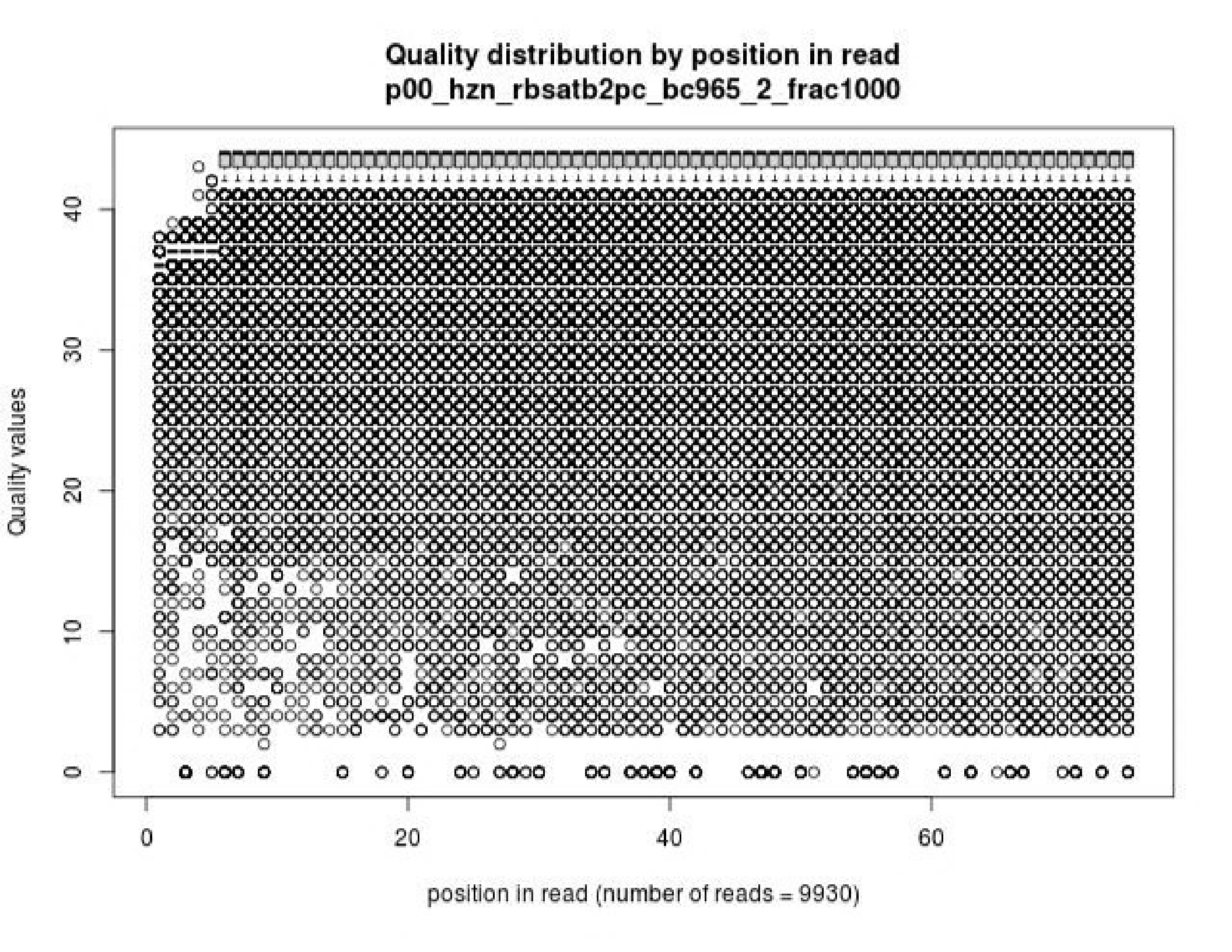

Quality distribution by position in read
p00_hzn_rbiggxxxx_bc989_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8461)

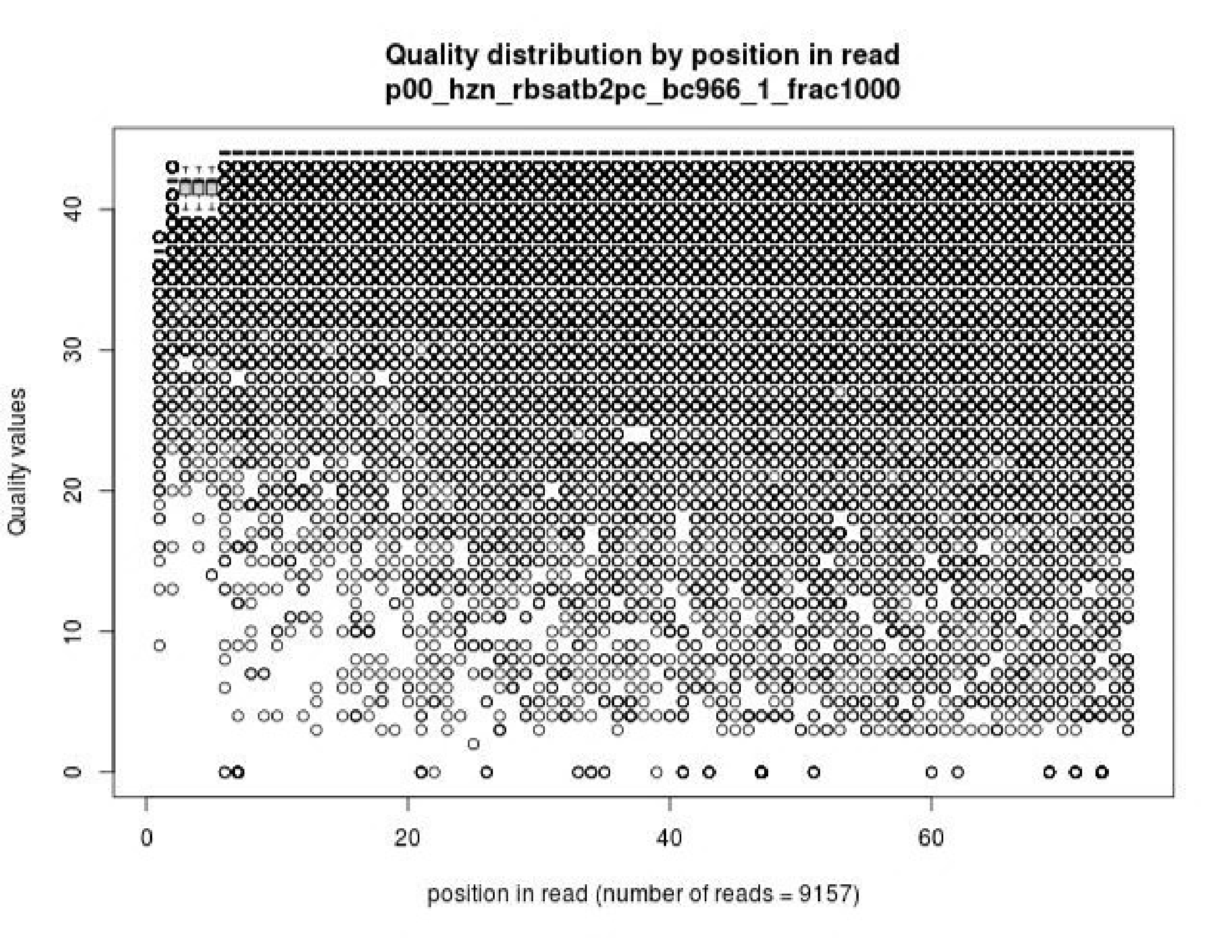

Quality distribution by position in read
p00_hzn_rbiggxxxx_bc989_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8461)

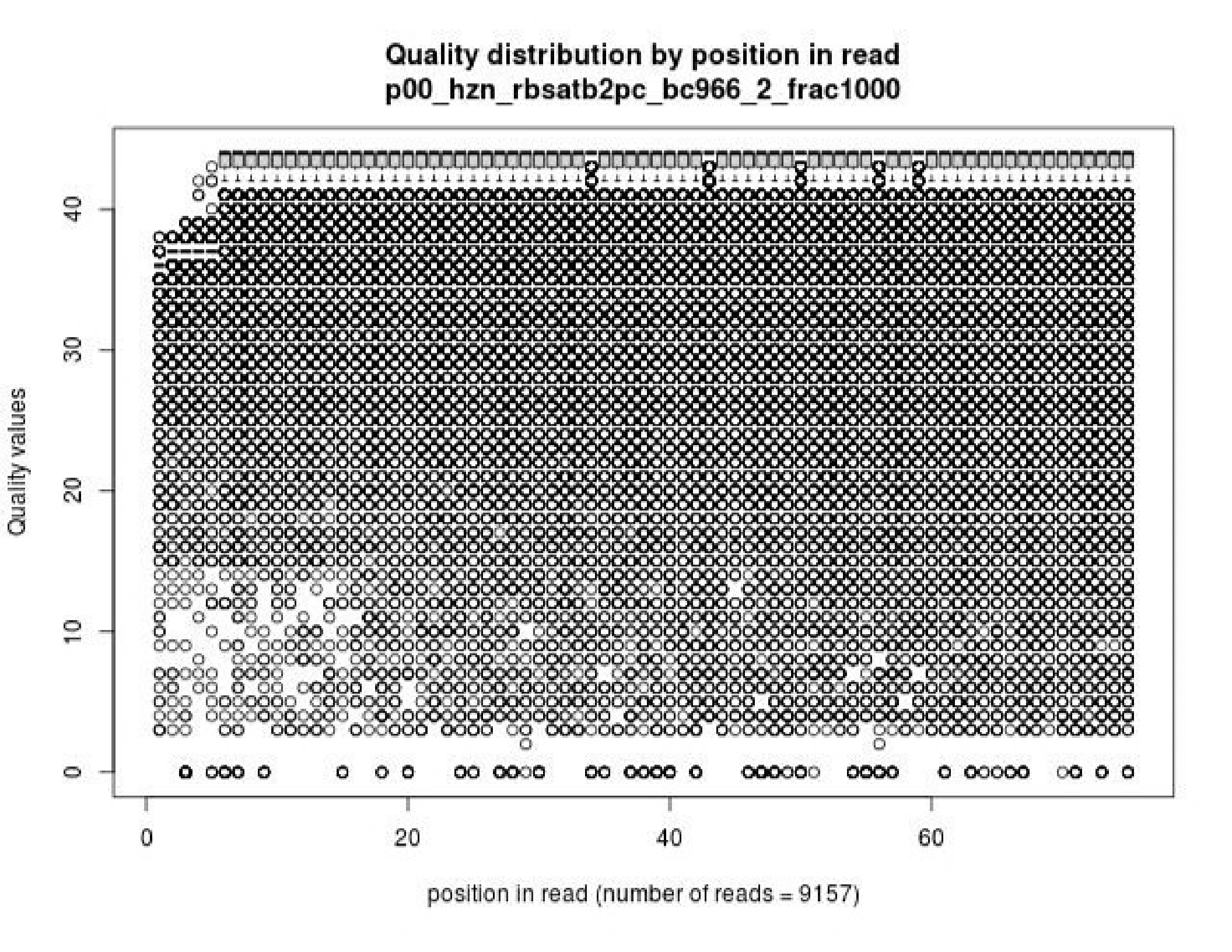

Quality distribution by position in read
p00_hzn_rbiggxxxx_bc990_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9882)

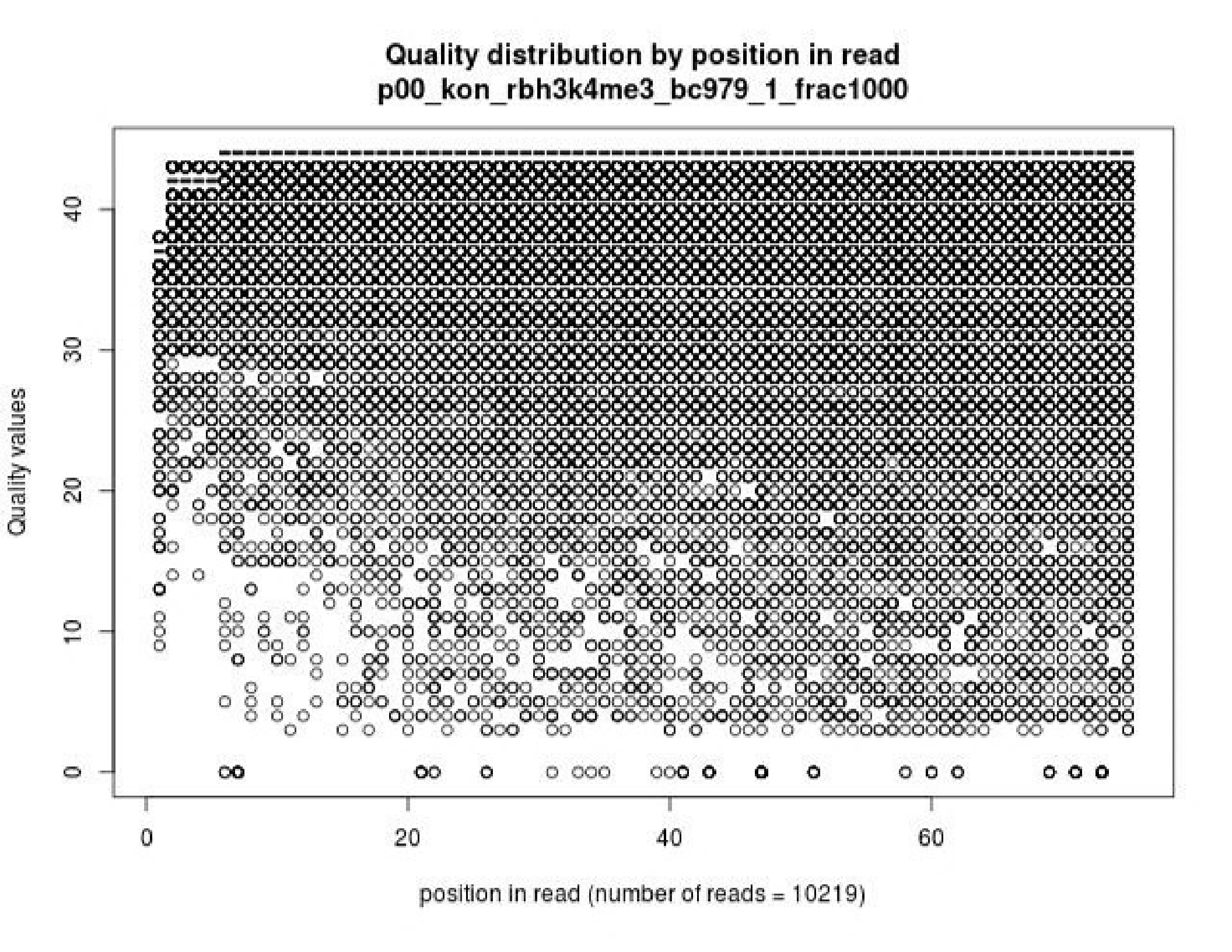

Quality distribution by position in read
p00_hzn_rbiggxxxx_bc990_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9882)

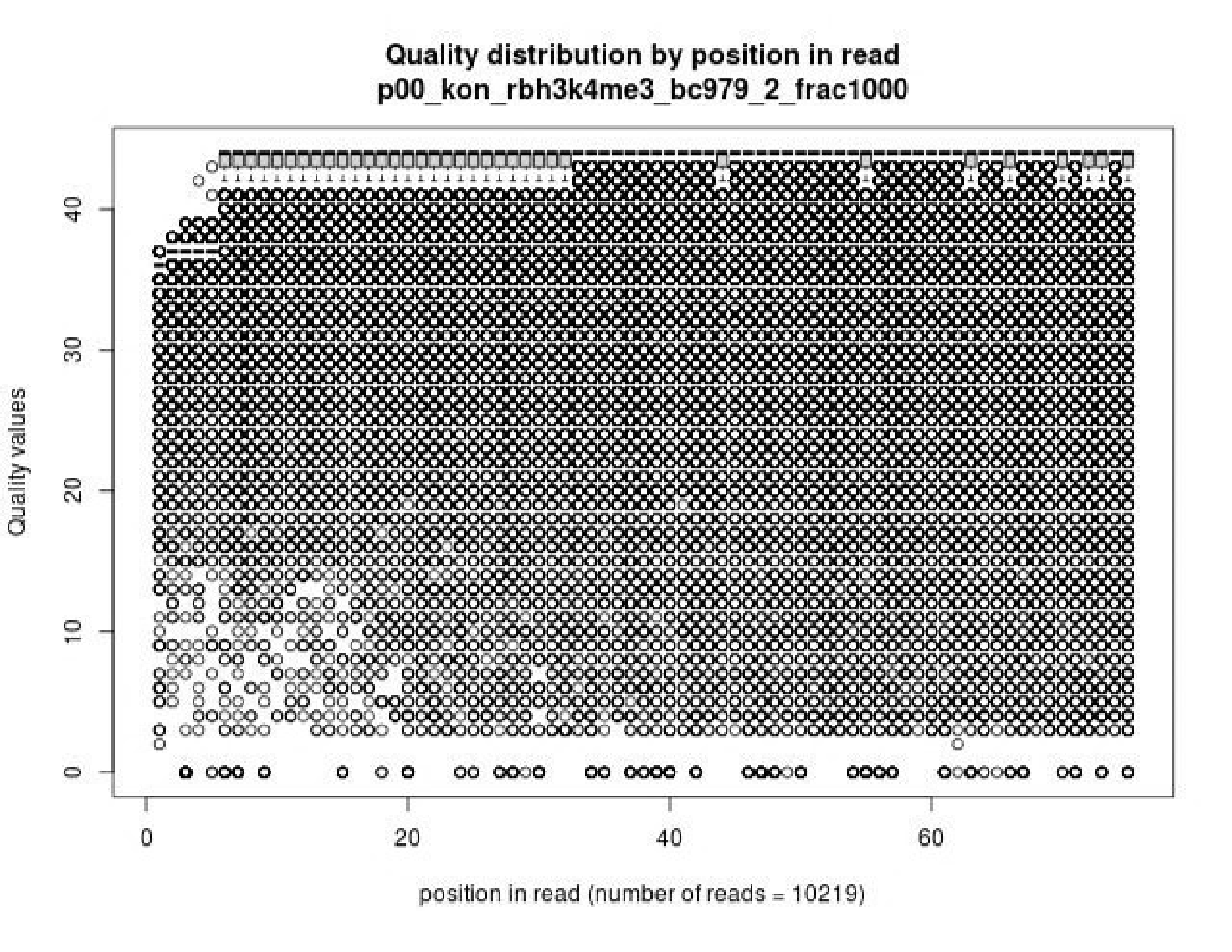

Quality distribution by position in read
p00_hzn_rbsatb2pc_bc965_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9930)

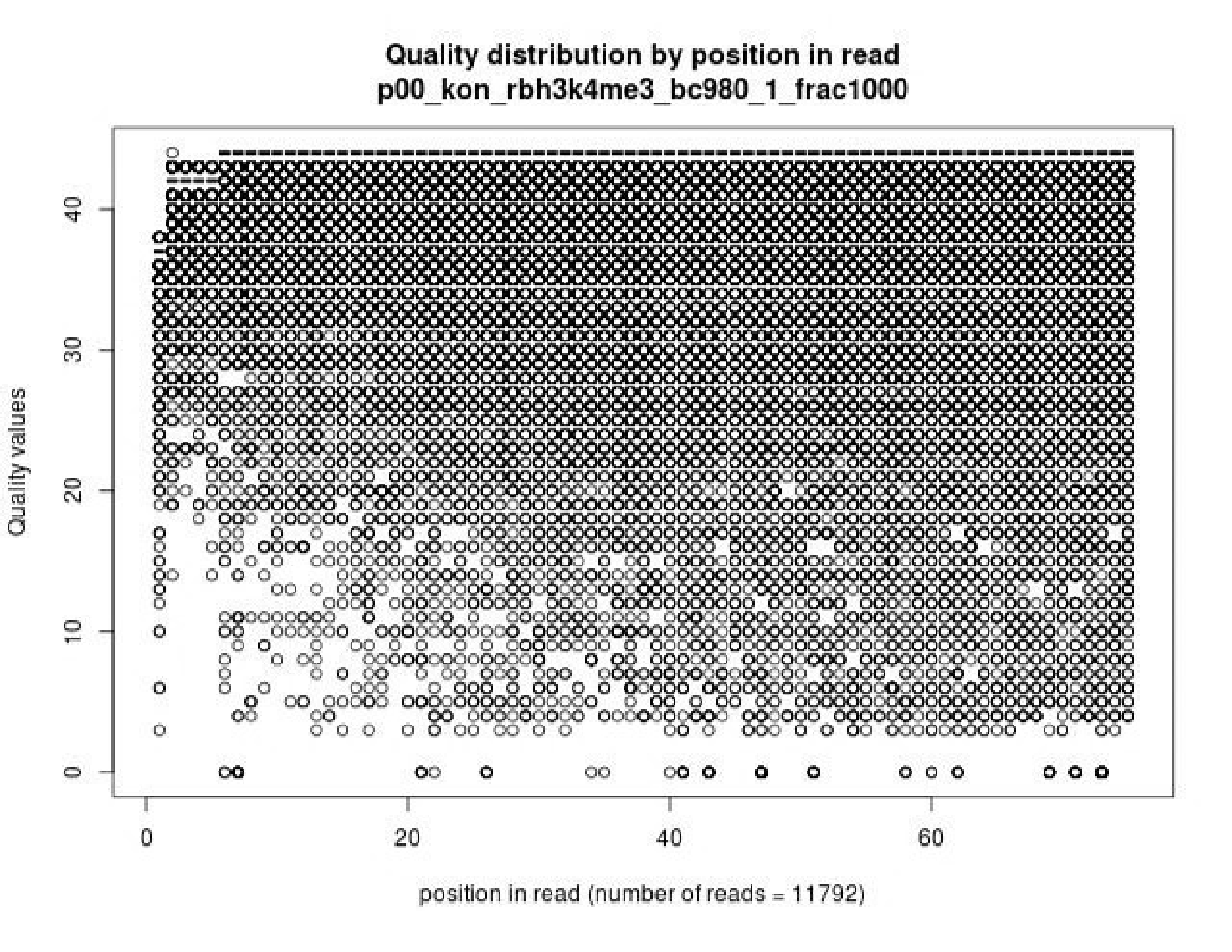

Quality distribution by position in read
p00_hzn_rbsatb2pc_bc965_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9930)

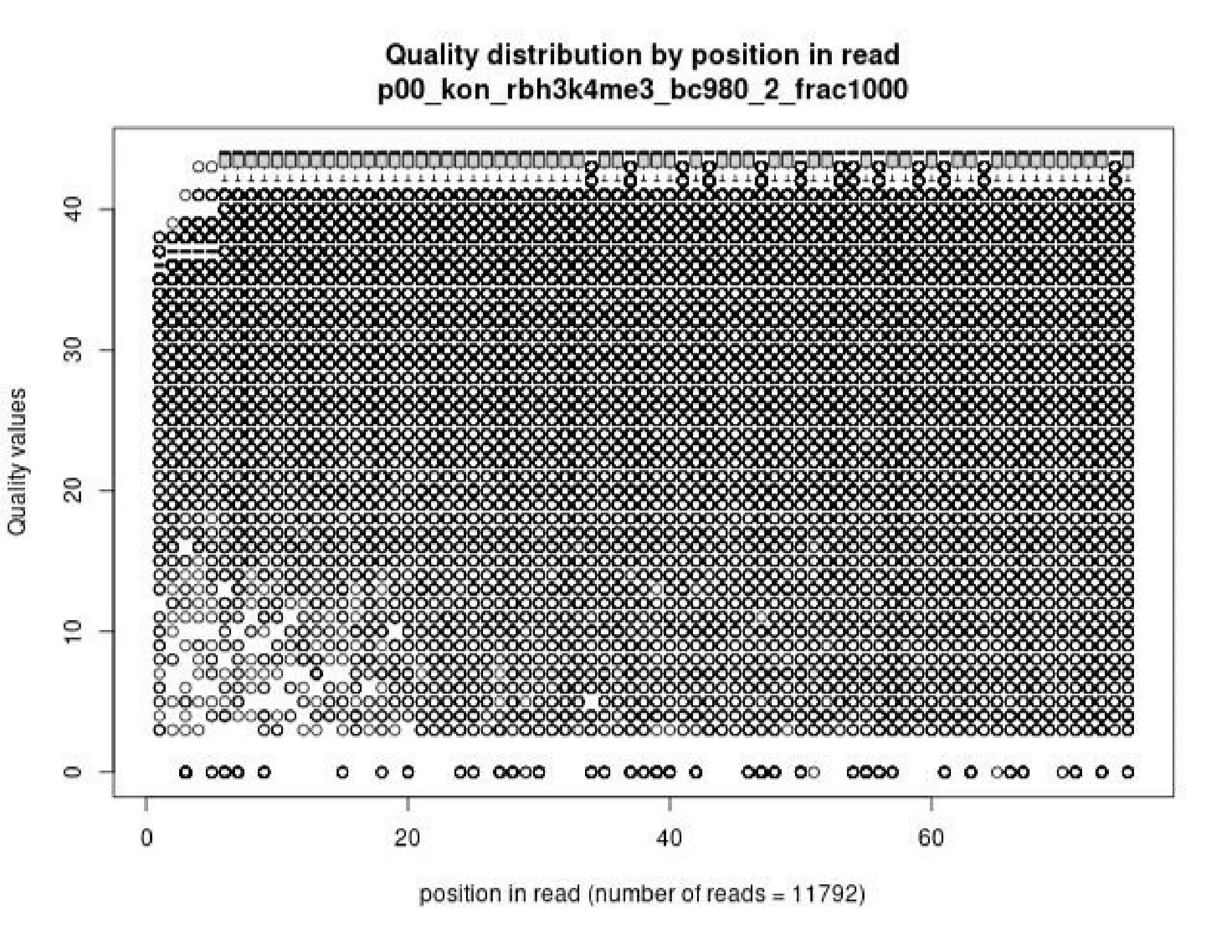

Quality distribution by position in read
p00_hzn_rbsatb2pc_bc966_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9157)

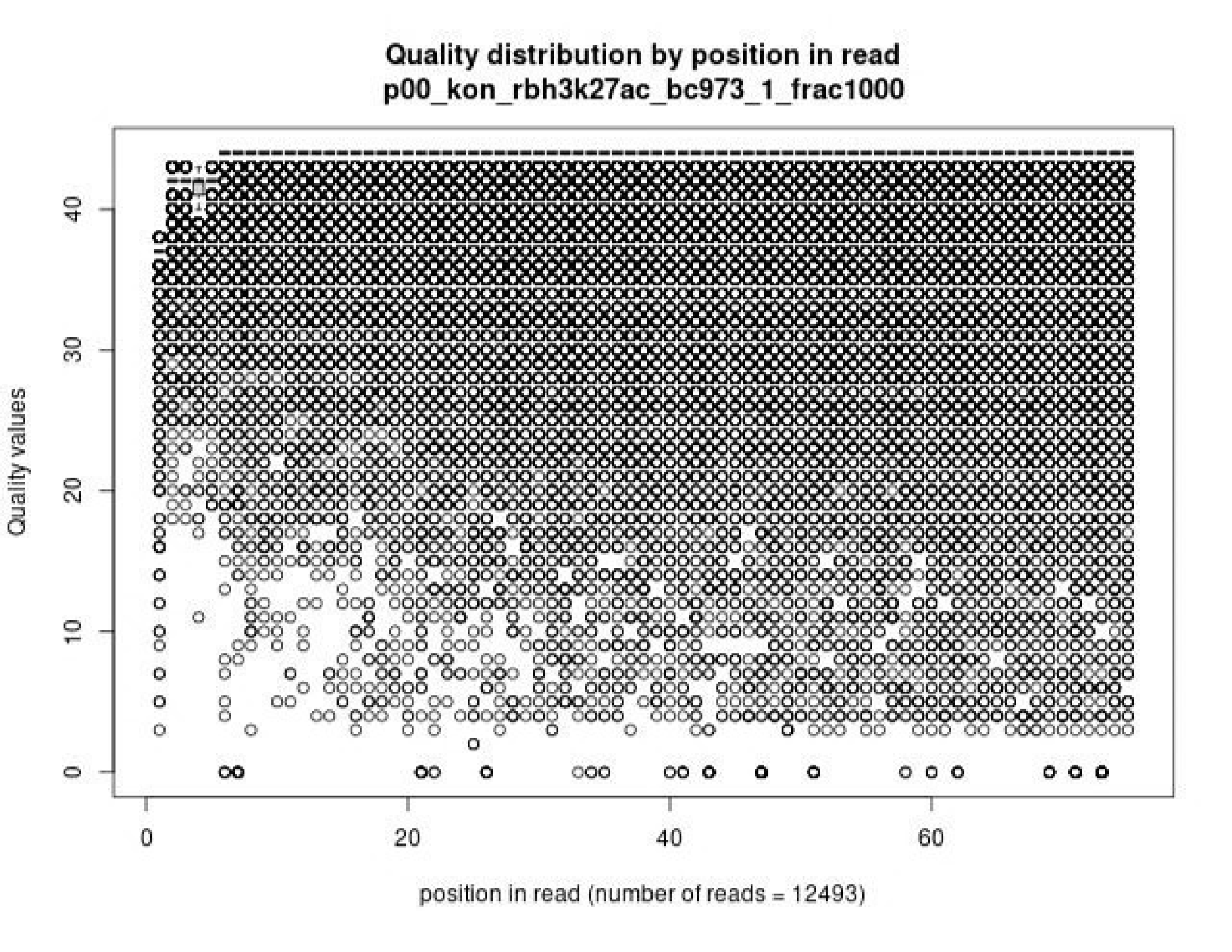

Quality distribution by position in read
p00_hzn_rbsatb2pc_bc966_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9157)

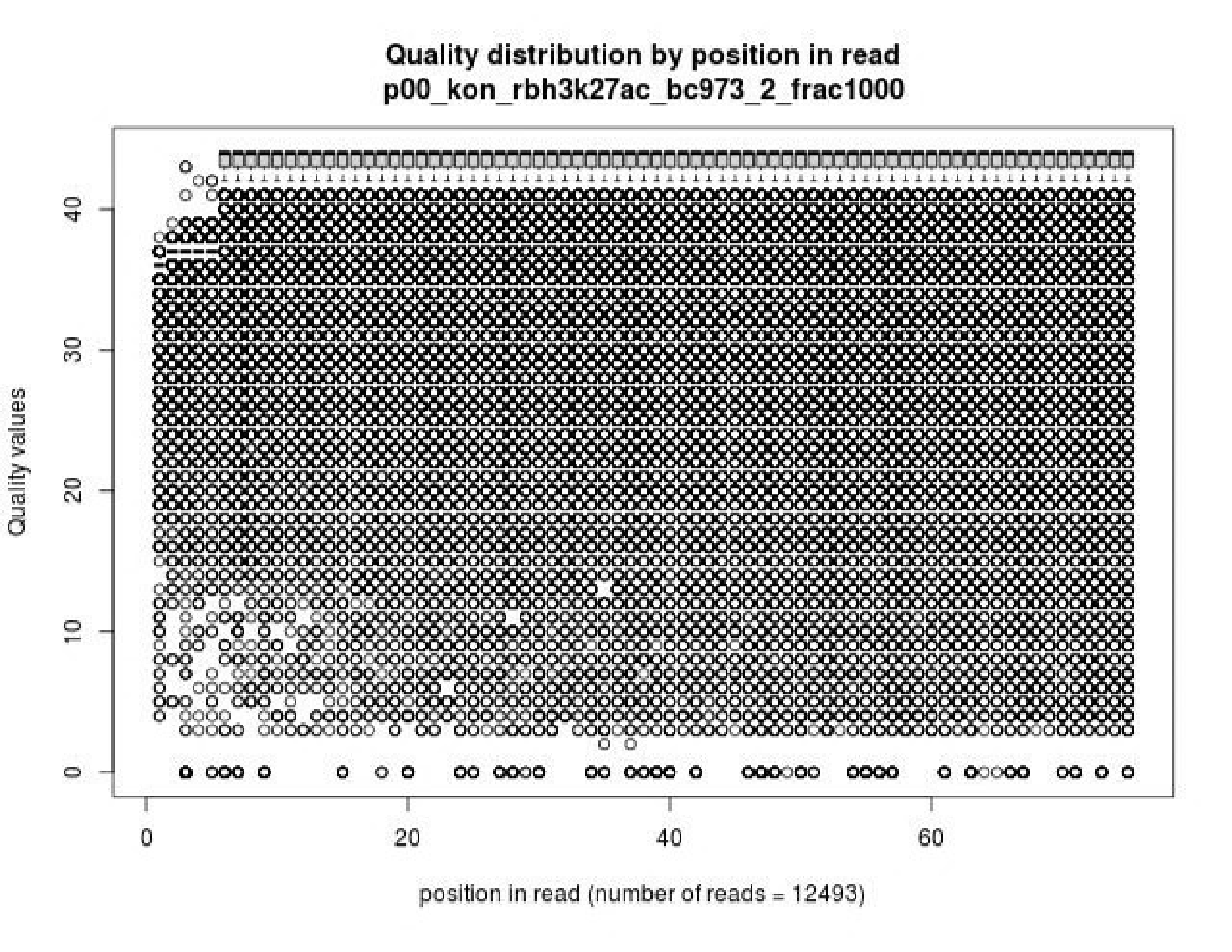

Quality distribution by position in read
p00_kon_rbh3k4me3_bc979_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10219)

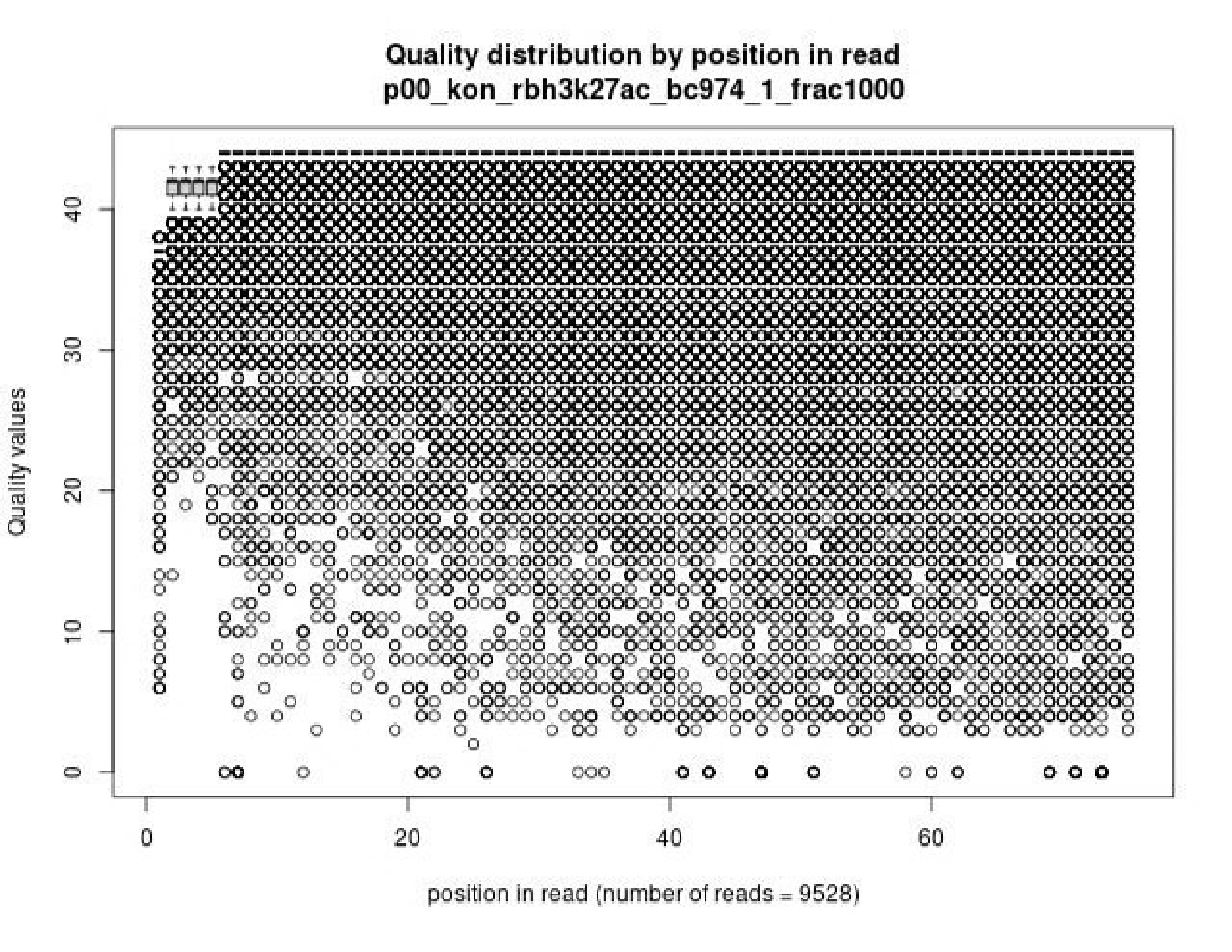

Quality distribution by position in read
p00_kon_rbh3k4me3_bc979_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10219)

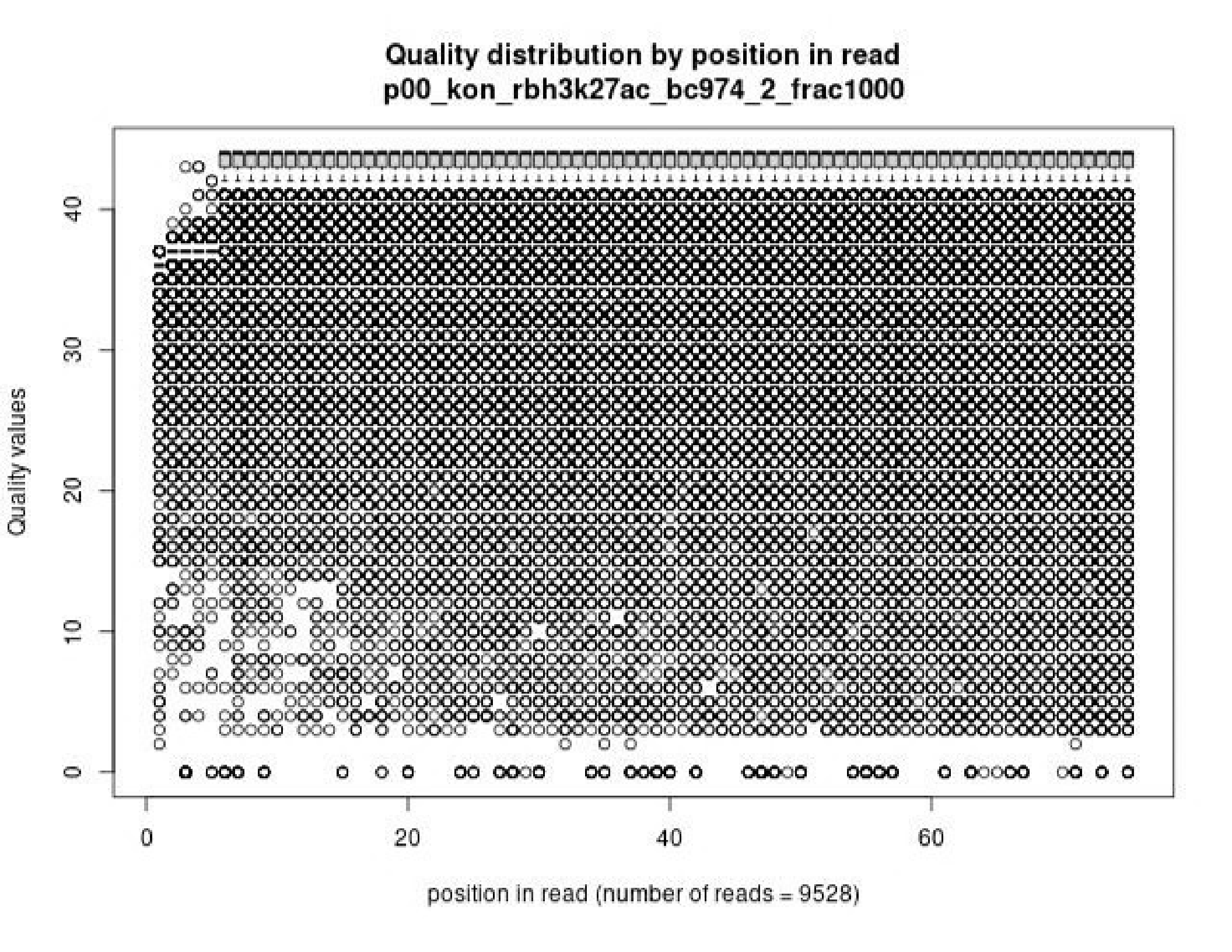

Quality distribution by position in read
p00_kon_rbh3k4me3_bc980_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 11792)

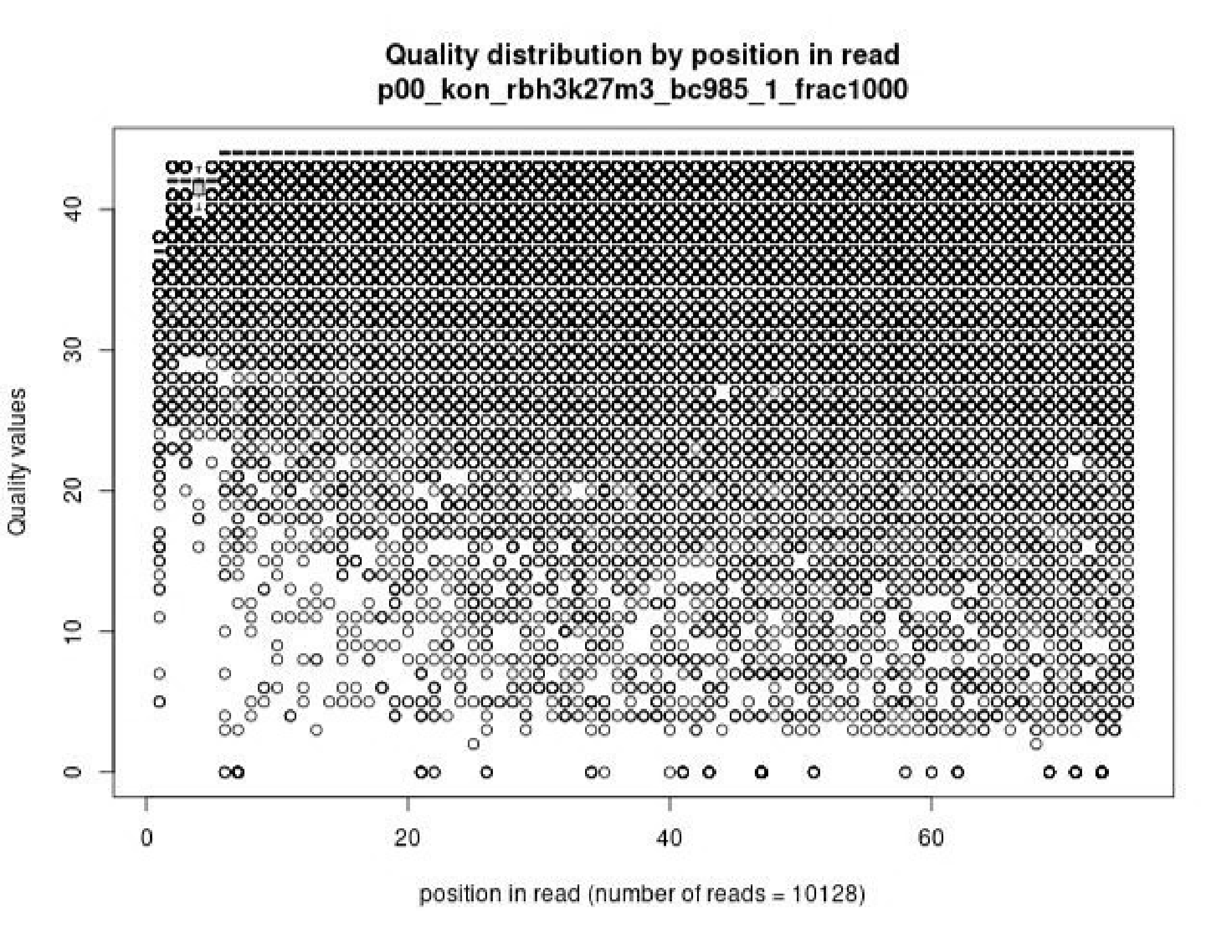

Quality distribution by position in read
p00_kon_rbh3k4me3_bc980_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 11792)

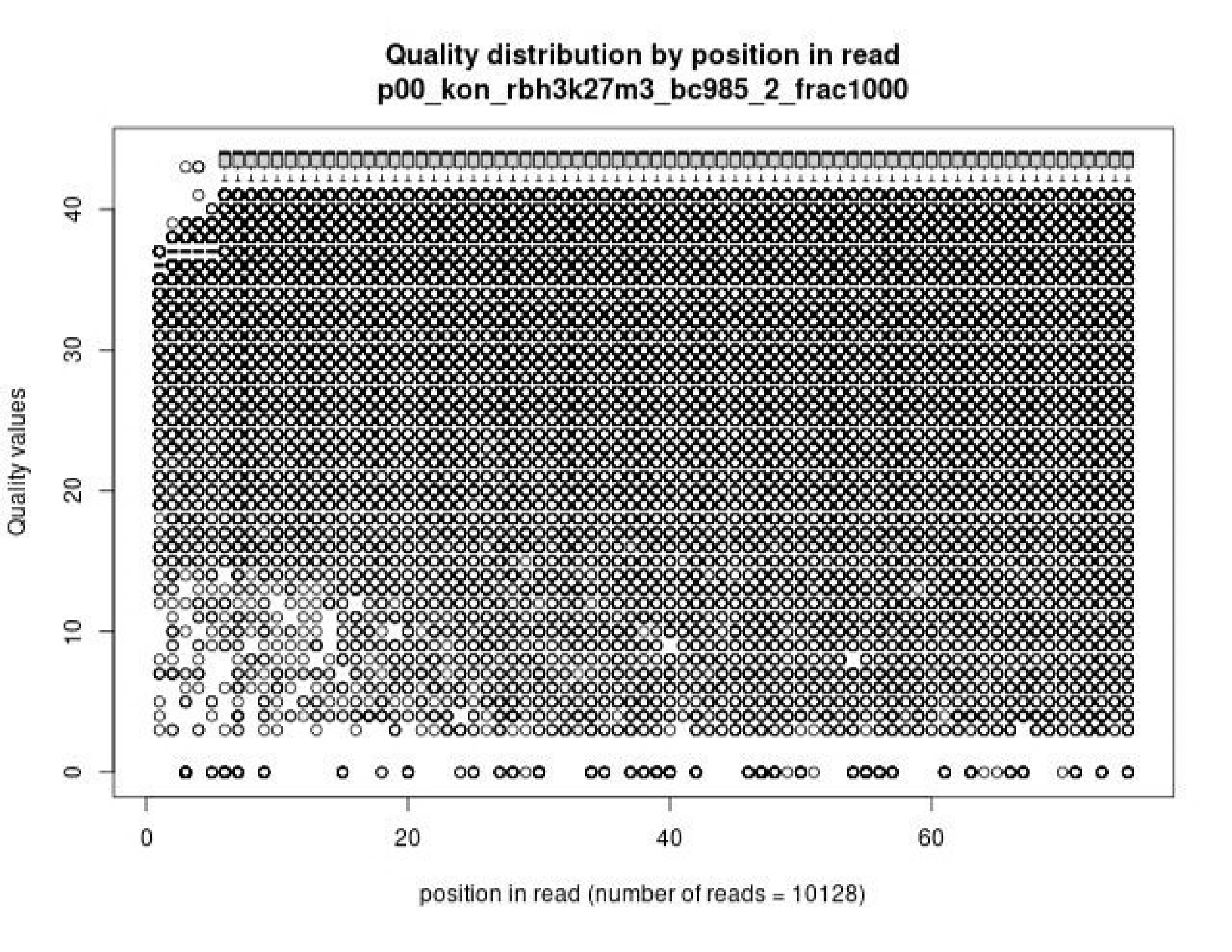

Quality distribution by position in read
p00_kon_rbh3k27ac_bc973_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 12493)

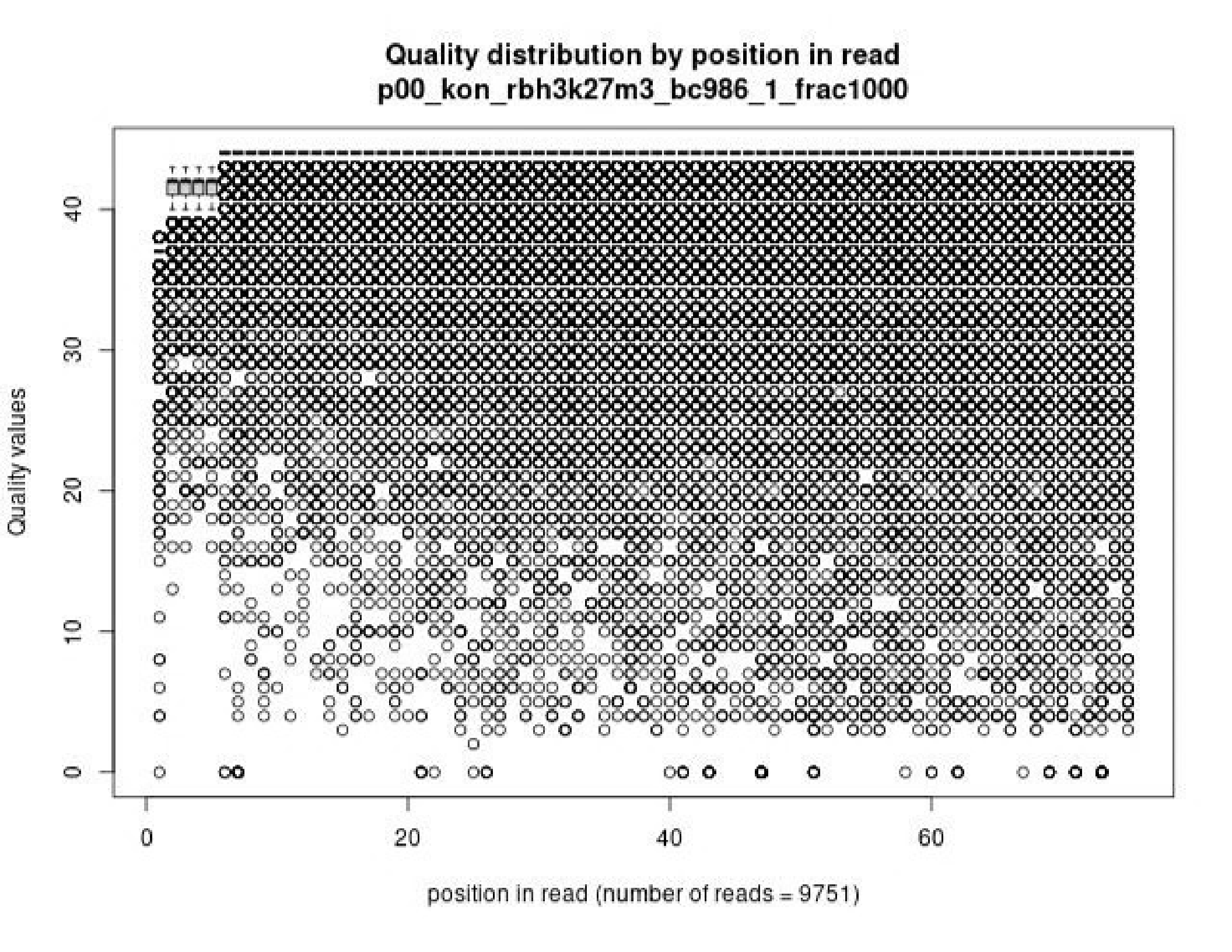

Quality distribution by position in read
p00_kon_rbh3k27ac_bc973_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 12493)

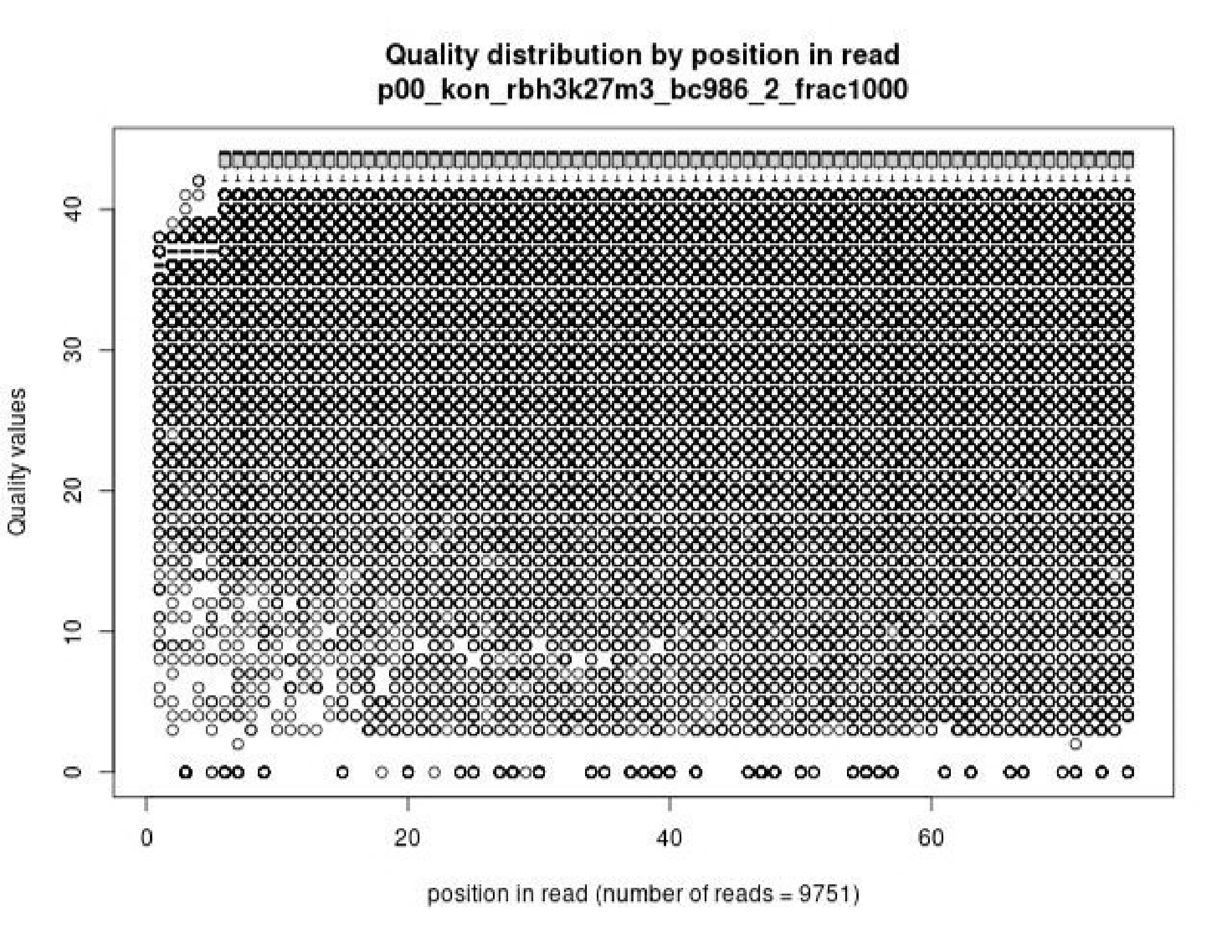

Quality distribution by position in read
p00_kon_rbh3k27ac_bc974_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9528)

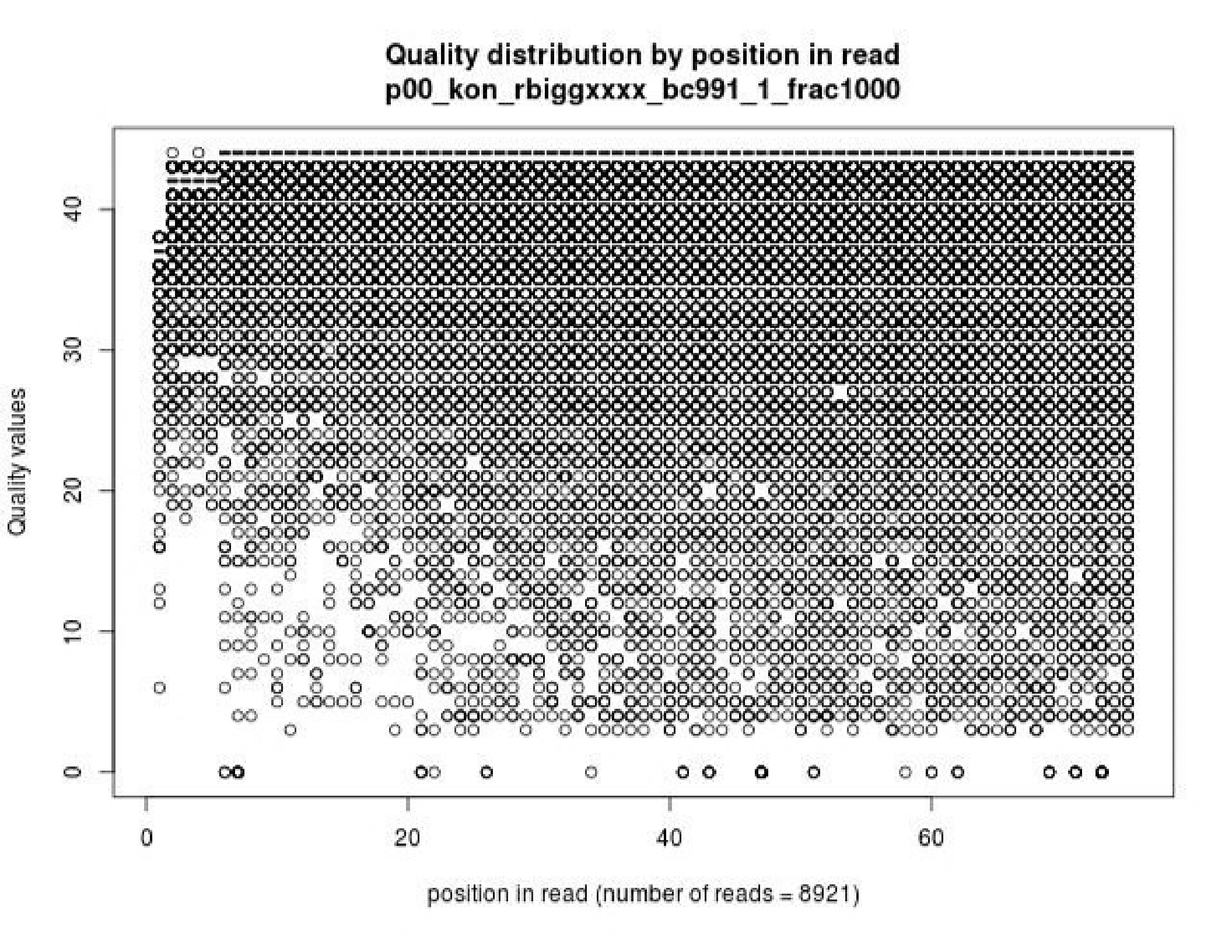

Quality distribution by position in read
p00_kon_rbh3k27ac_bc974_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9528)

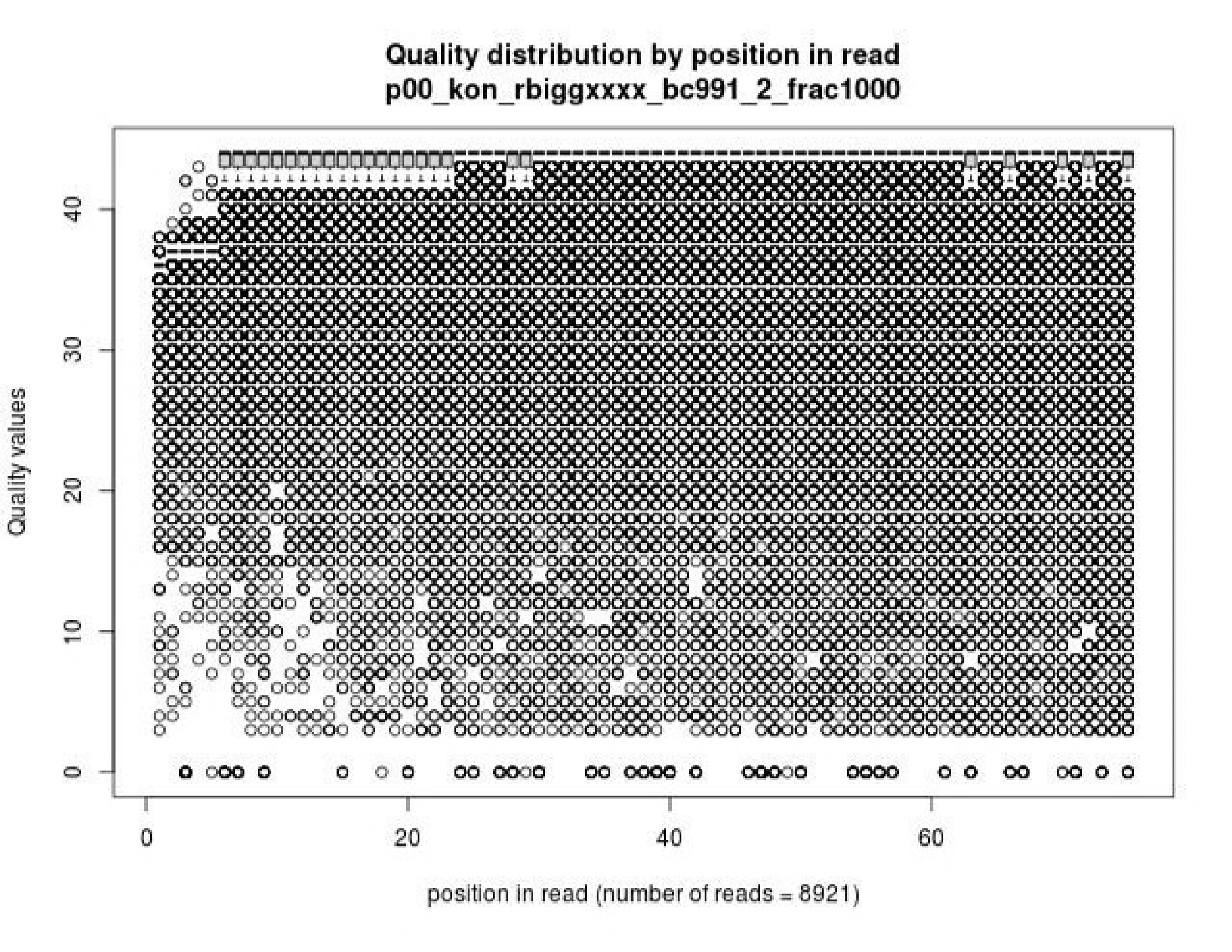

Quality distribution by position in read
p00_kon_rbh3k27m3_bc985_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10128)

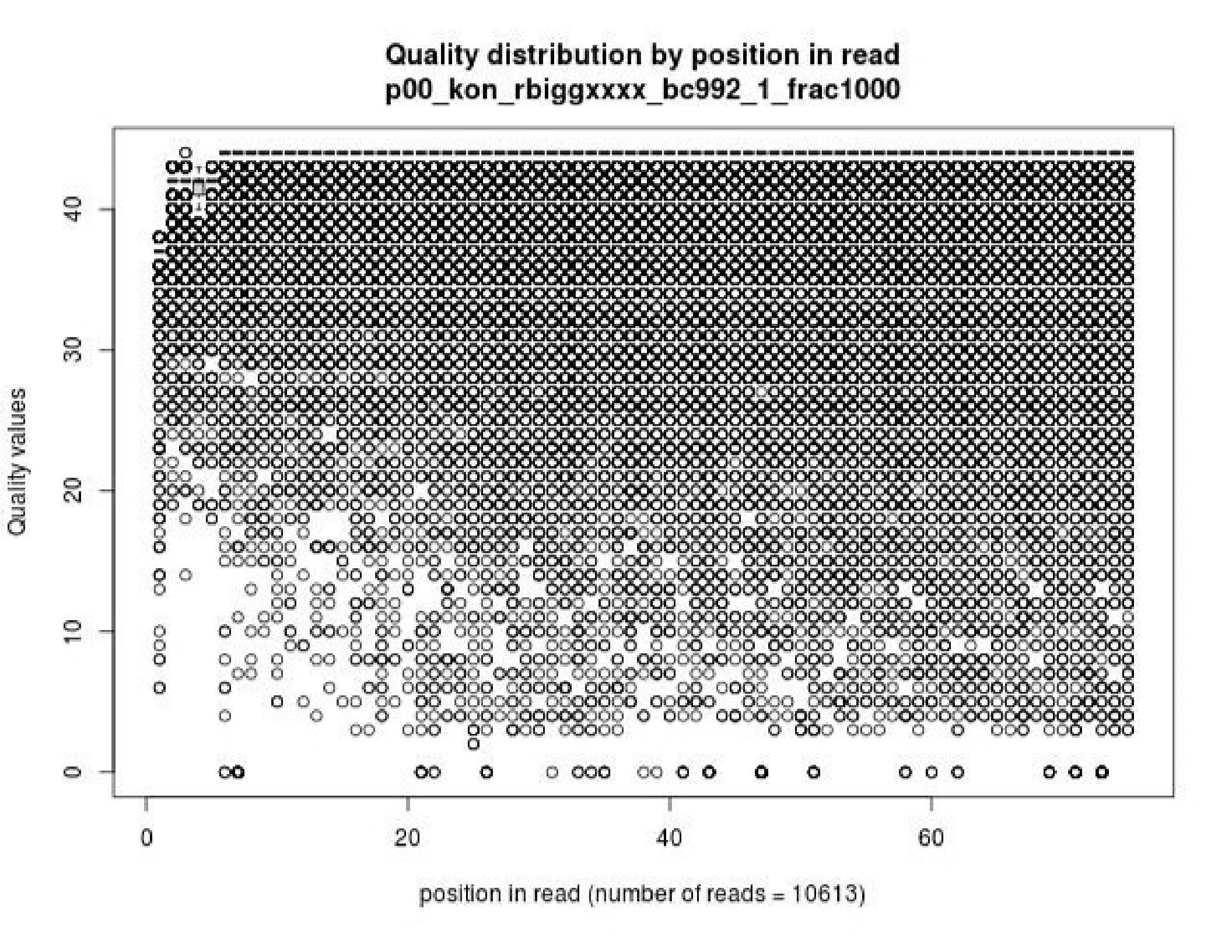

Quality distribution by position in read
p00_kon_rbh3k27m3_bc985_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10128)

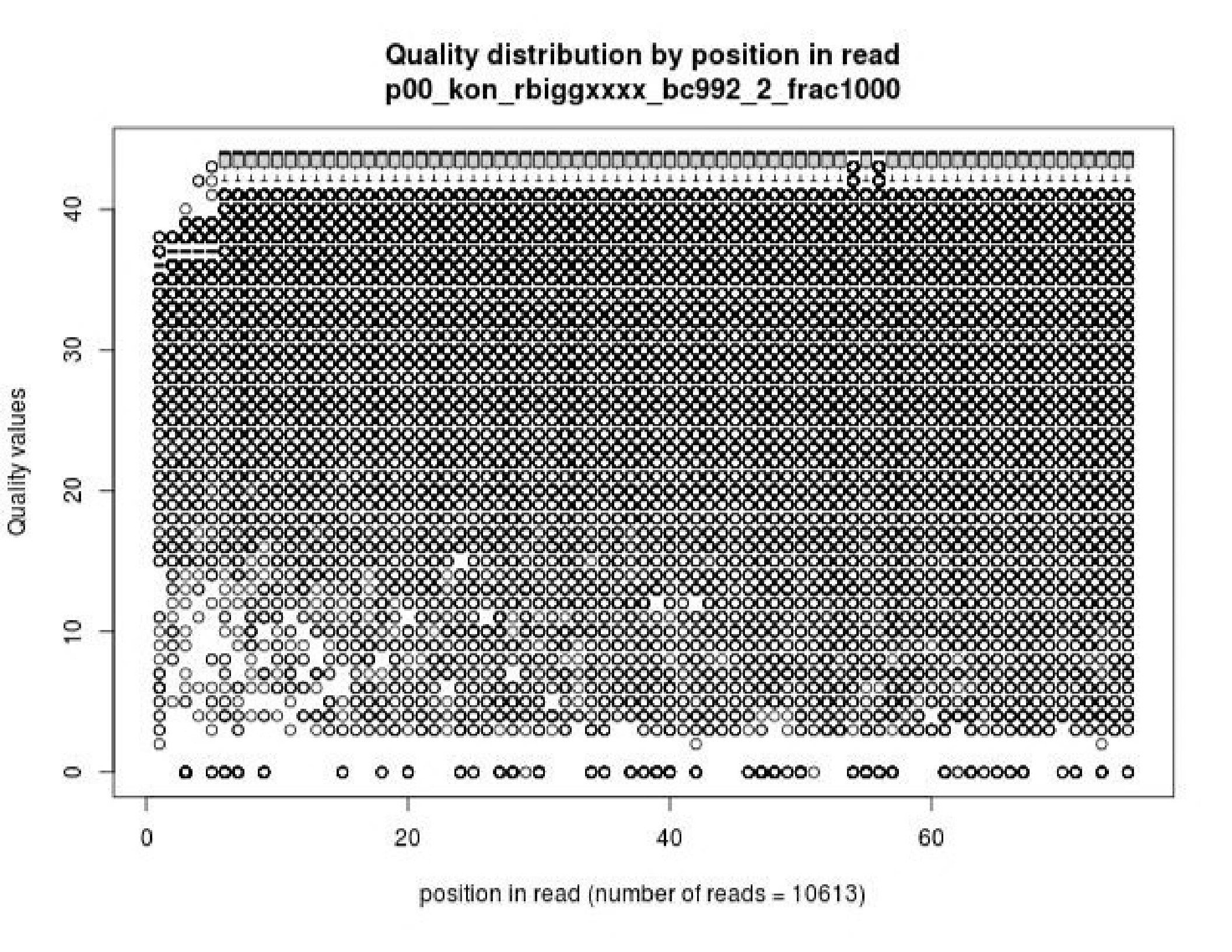

Quality distribution by position in read
p00_kon_rbh3k27m3_bc986_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9751)

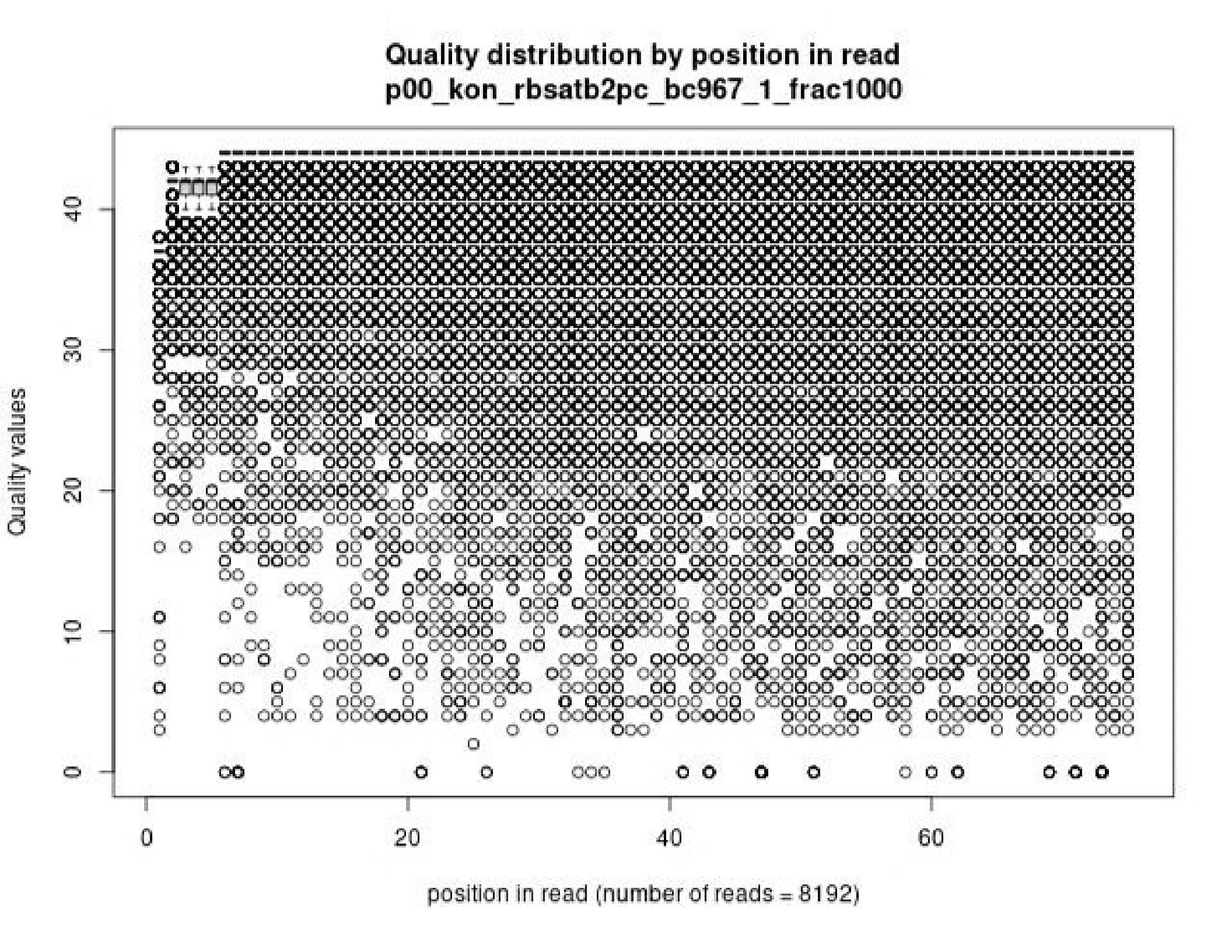

Quality distribution by position in read
p00_kon_rbh3k27m3_bc986_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9751)

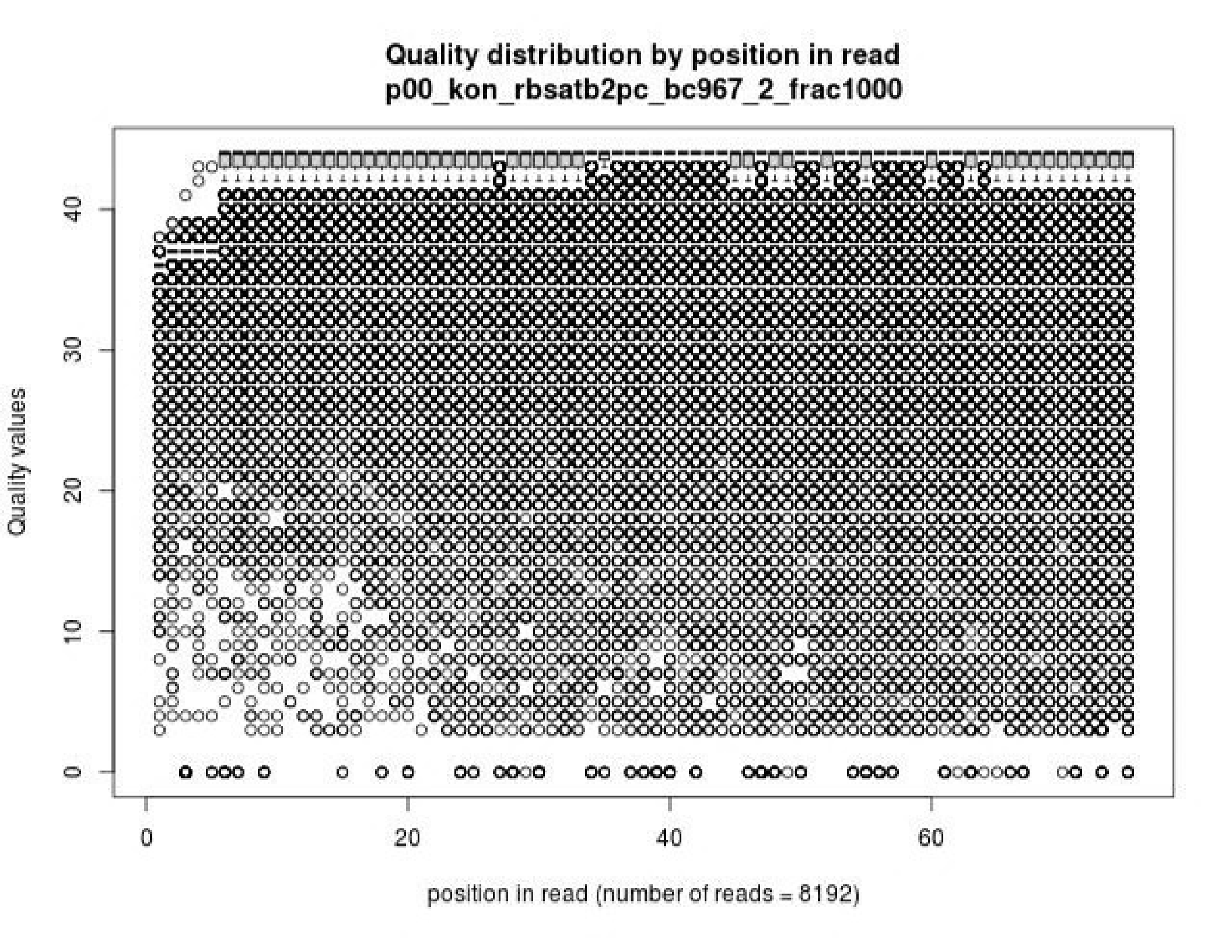

Quality distribution by position in read
p00_kon_rbiggxxxx_bc991_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8921)

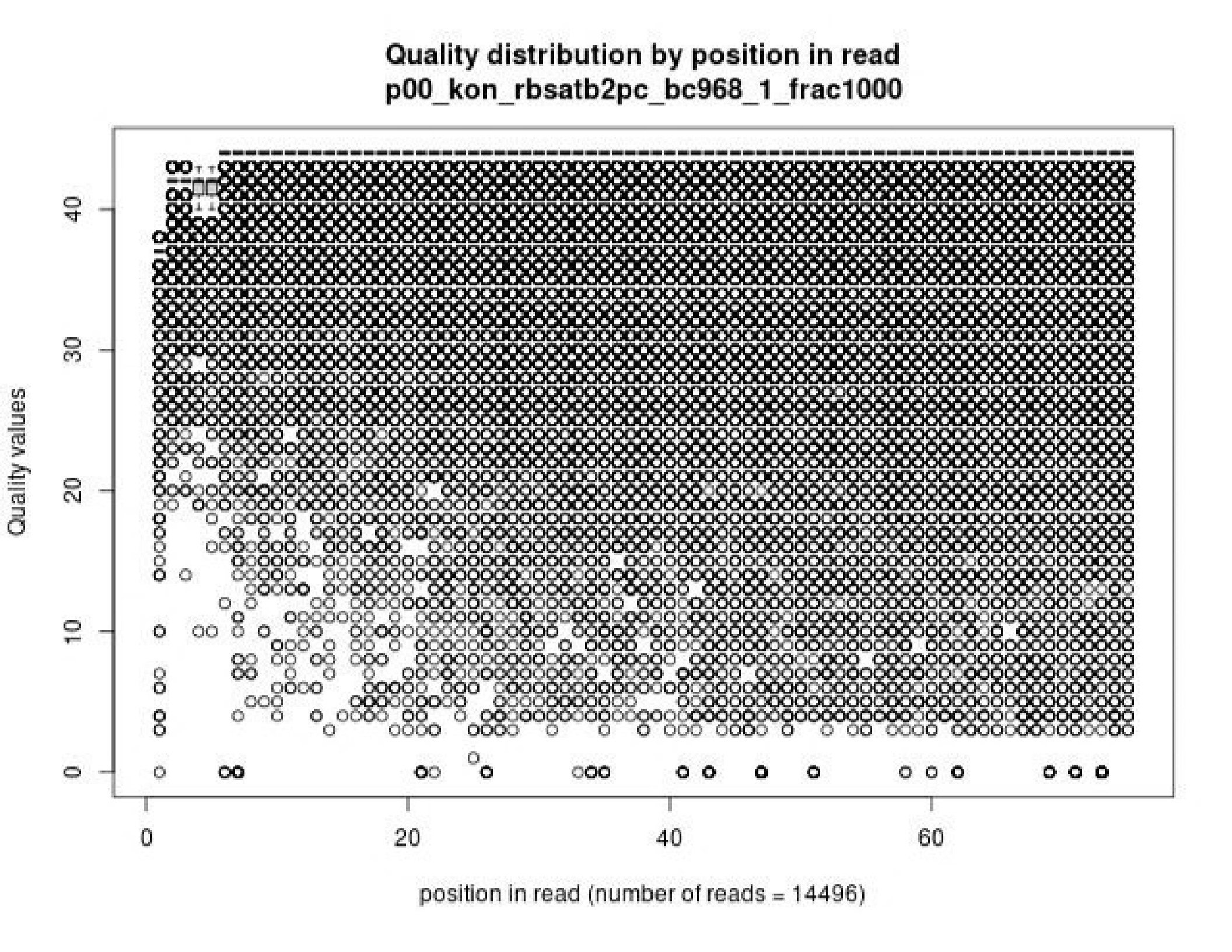

Quality distribution by position in read
p00_kon_rbiggxxxx_bc991_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8921)

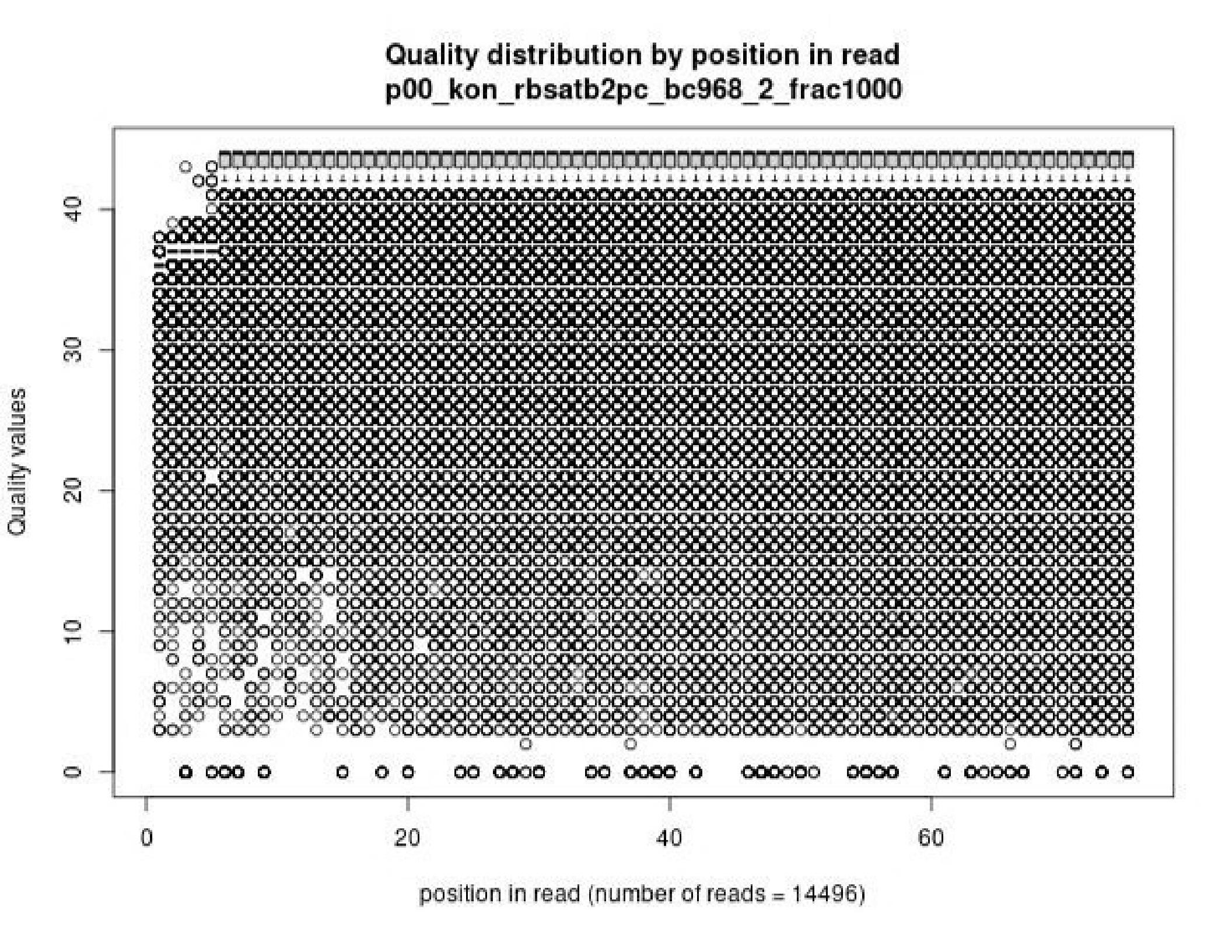

Quality distribution by position in read
p00_kon_rbiggxxxx_bc992_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10613)

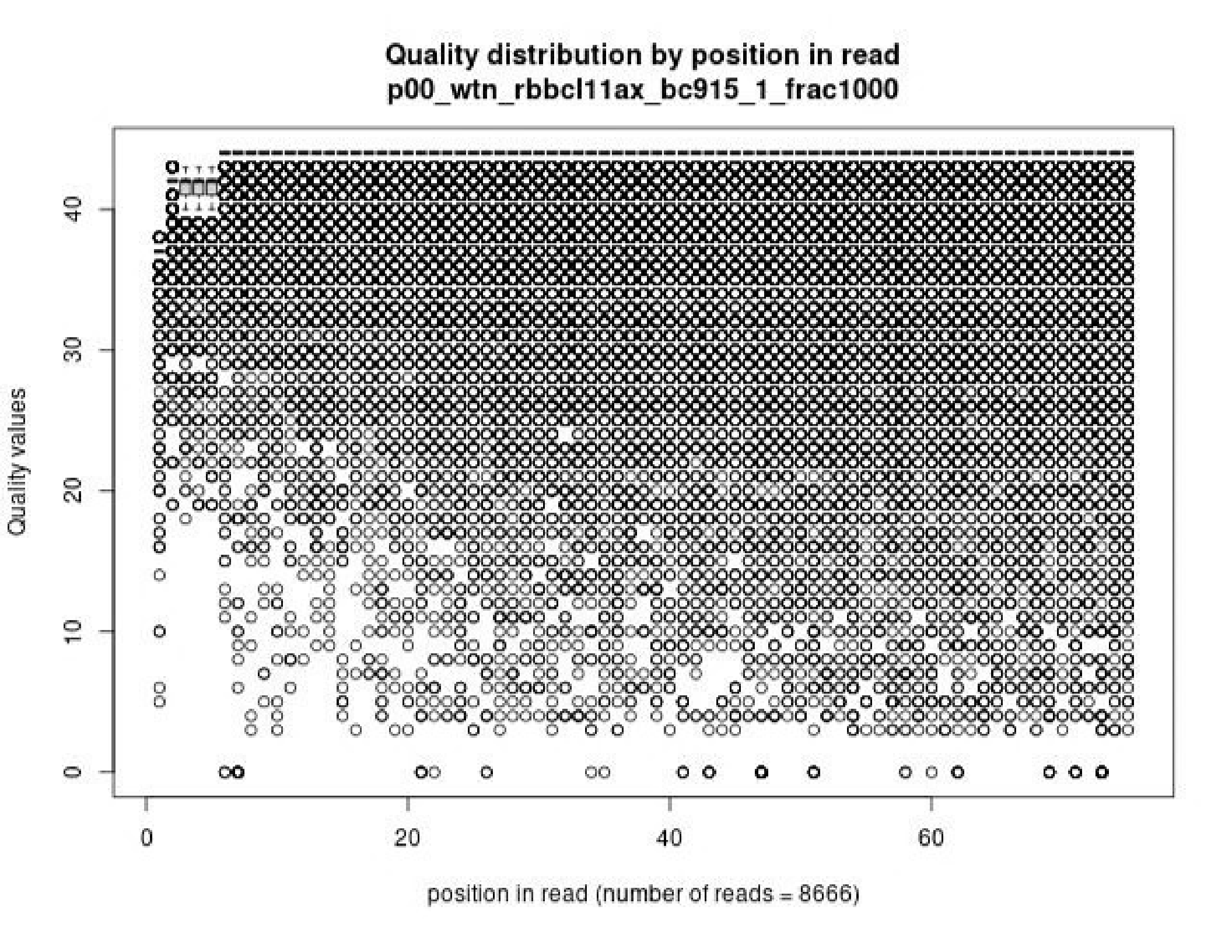

Quality distribution by position in read
p00_kon_rbiggxxxx_bc992_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10613)

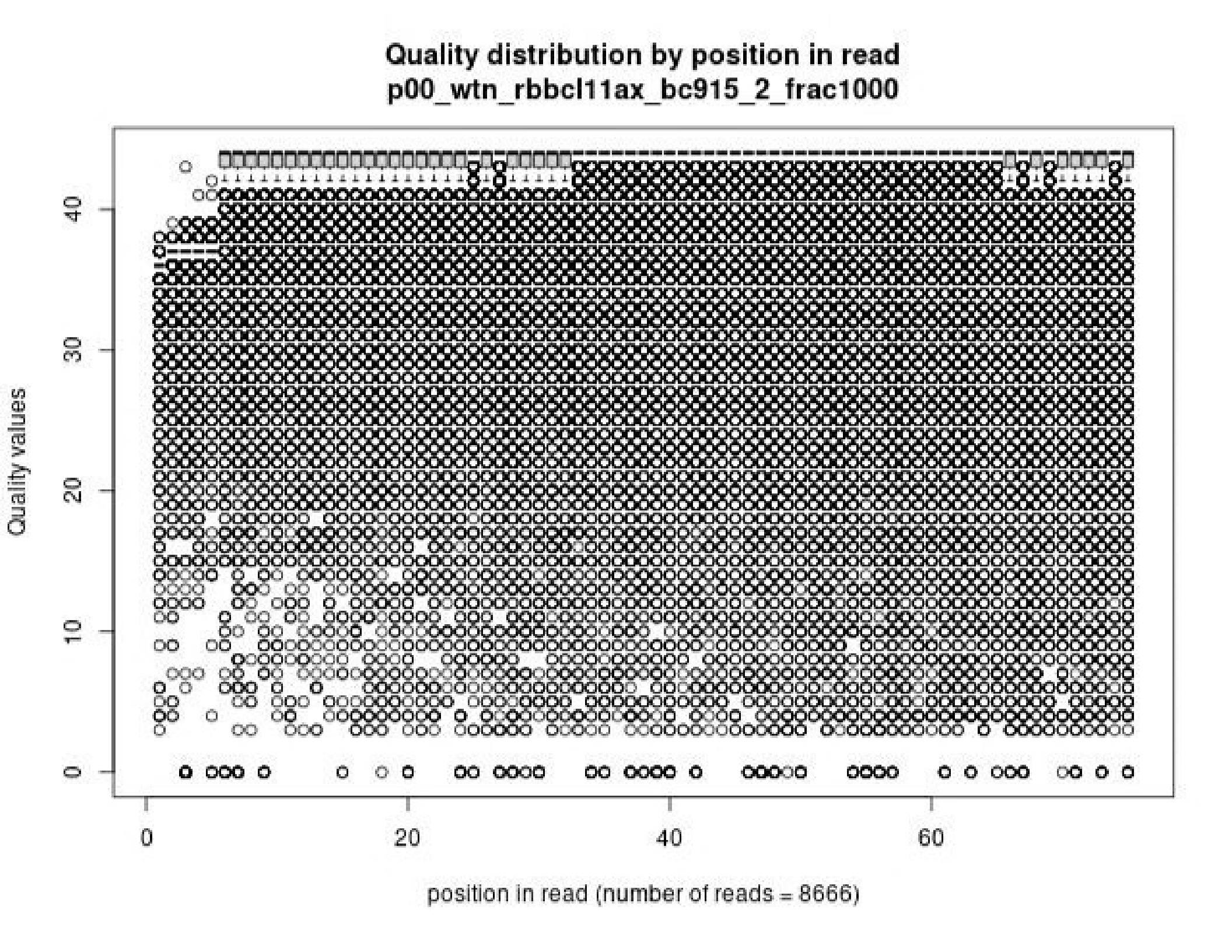

Quality distribution by position in read
p00_kon_rbsatb2pc_bc967_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8192)

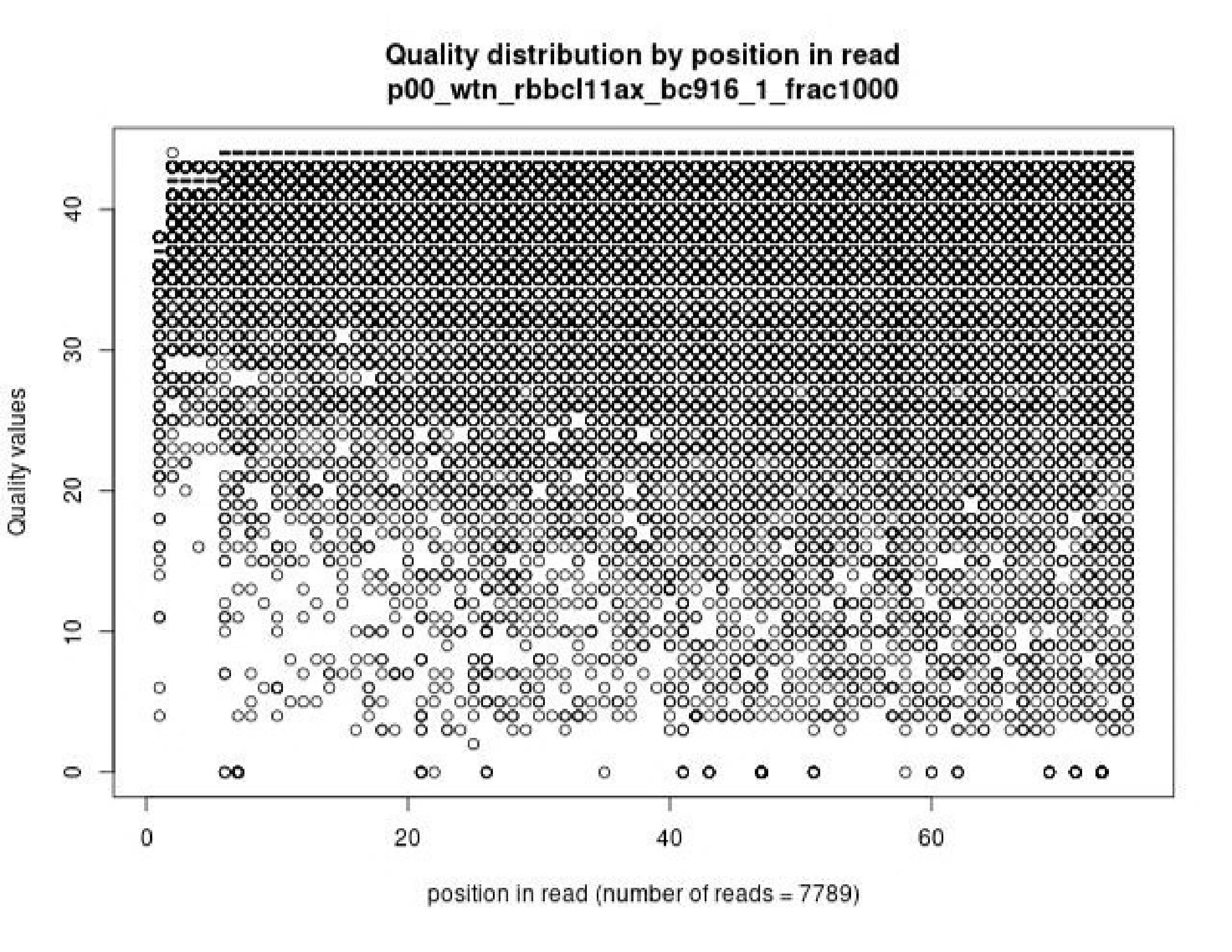

Quality distribution by position in read
p00_kon_rbsatb2pc_bc967_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8192)

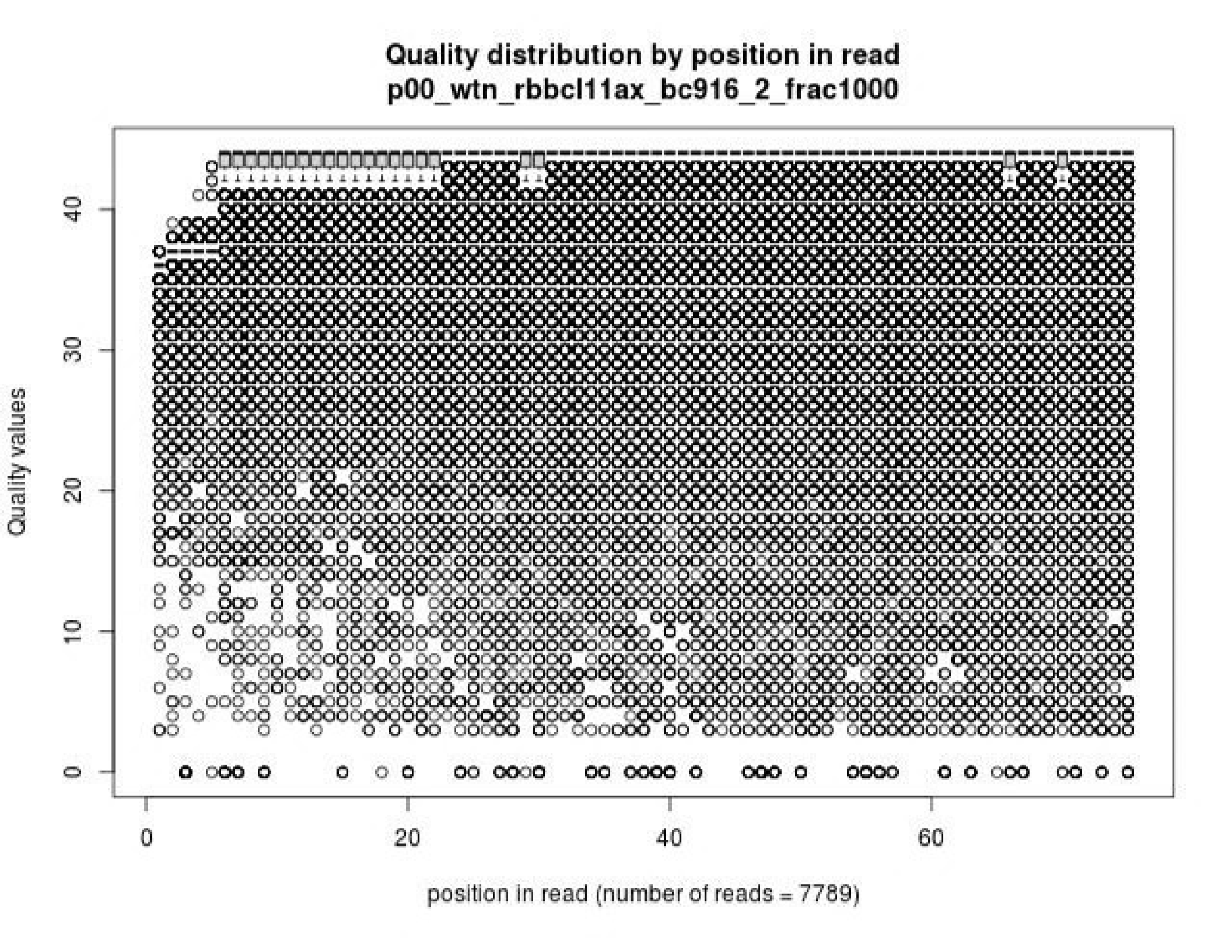

Quality distribution by position in read
p00_kon_rbsatb2pc_bc968_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 14496)

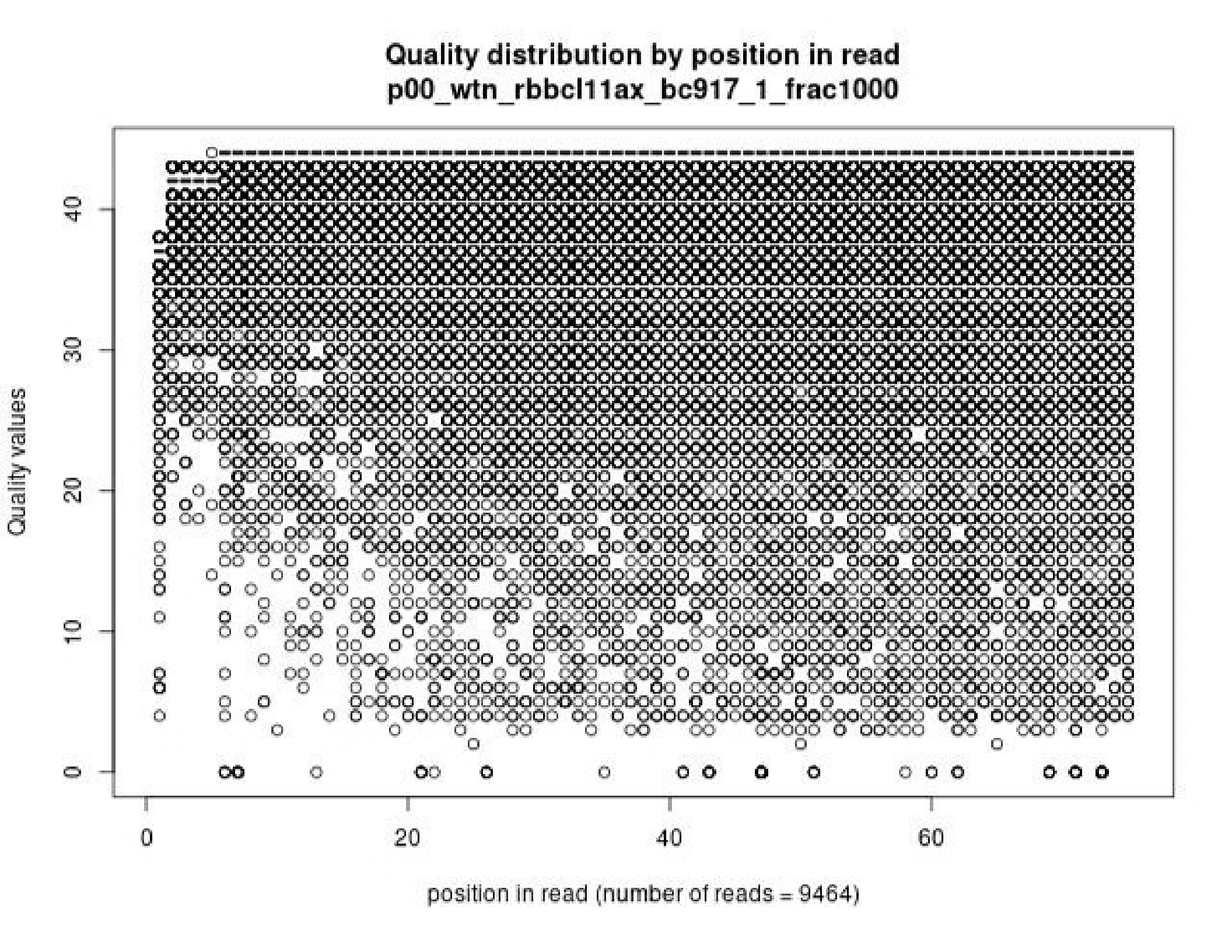

Quality distribution by position in read
p00_kon_rbsatb2pc_bc968_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 14496)

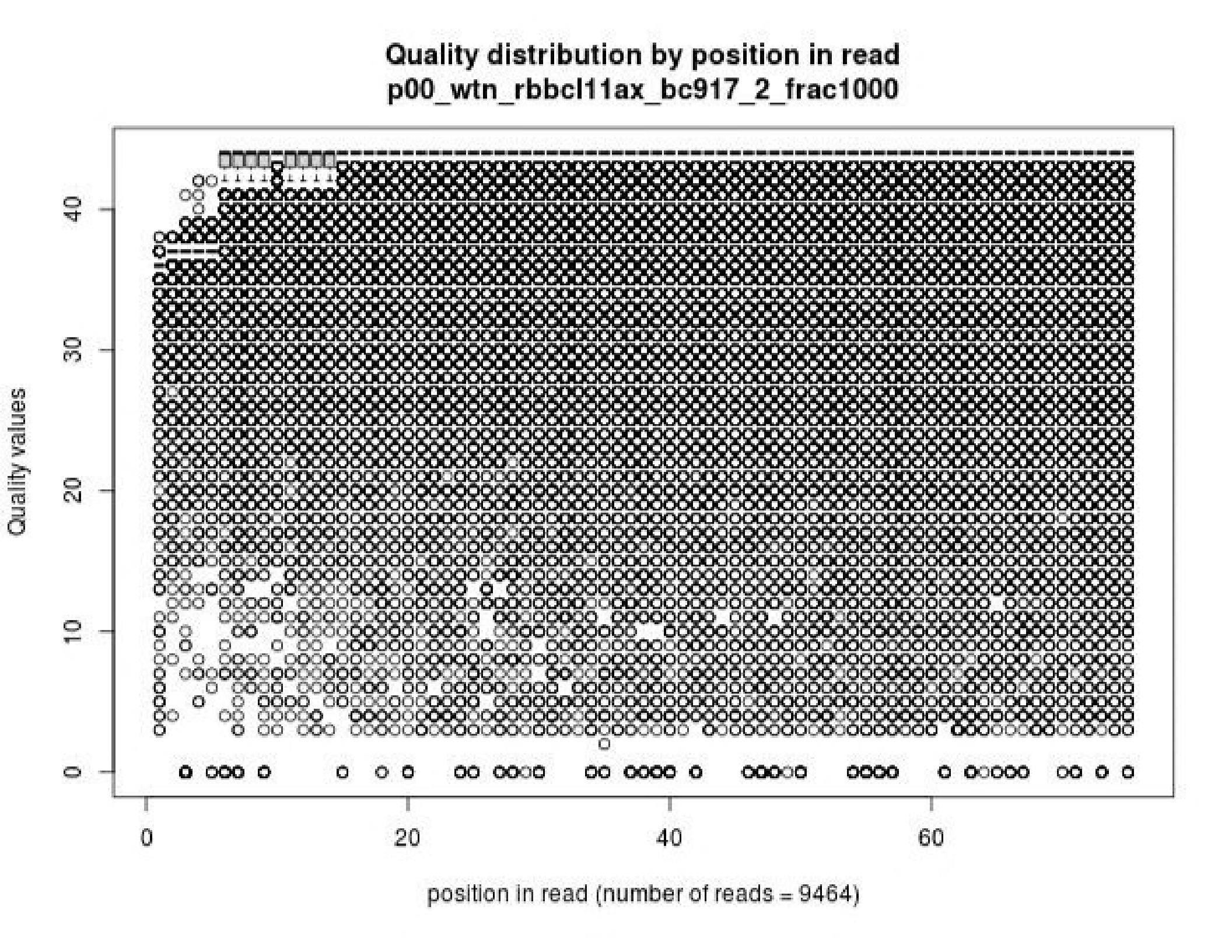

Quality distribution by position in read
p00_wtn_rbbcl11ax_bc915_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8666)

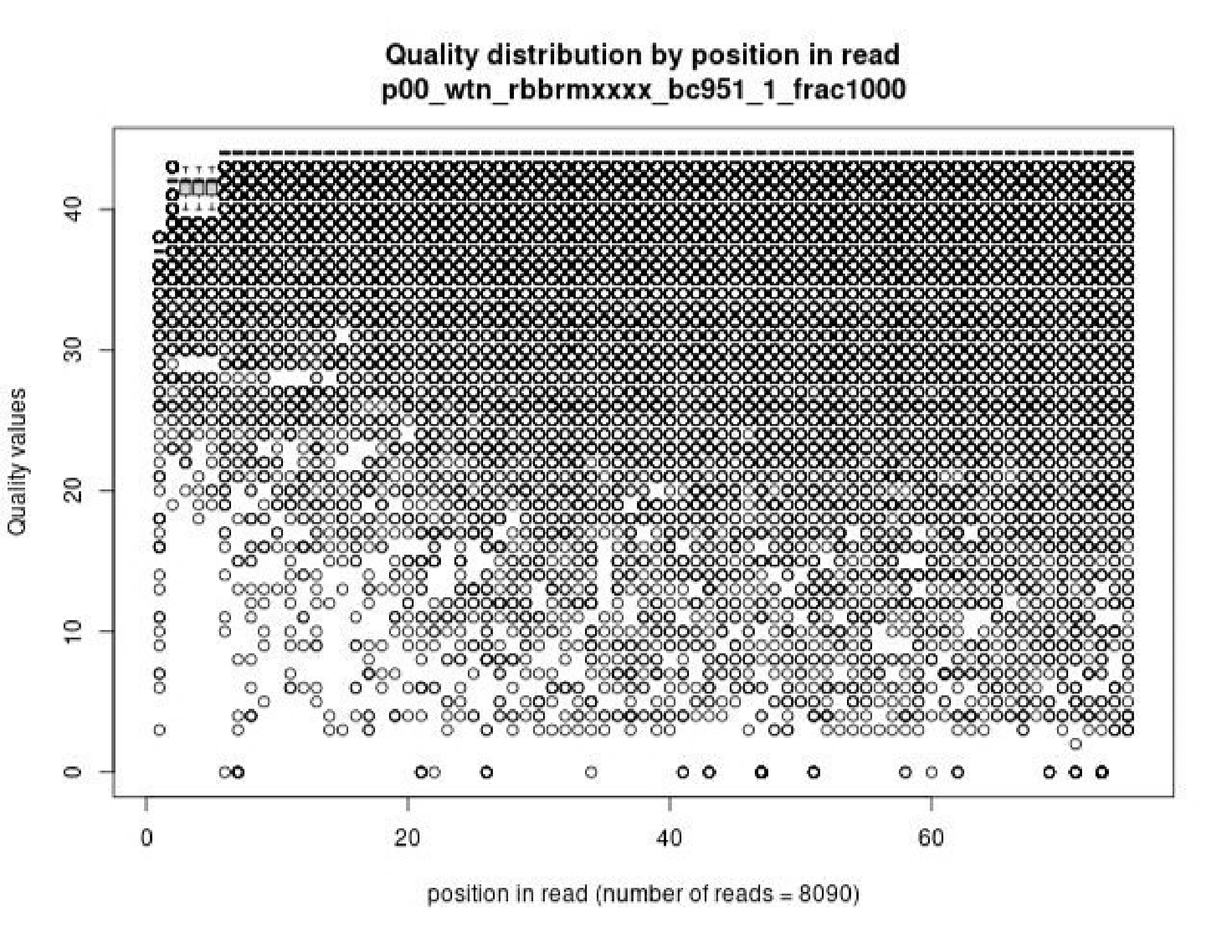

Quality distribution by position in read
p00_wtn_rbbcl11ax_bc915_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8666)

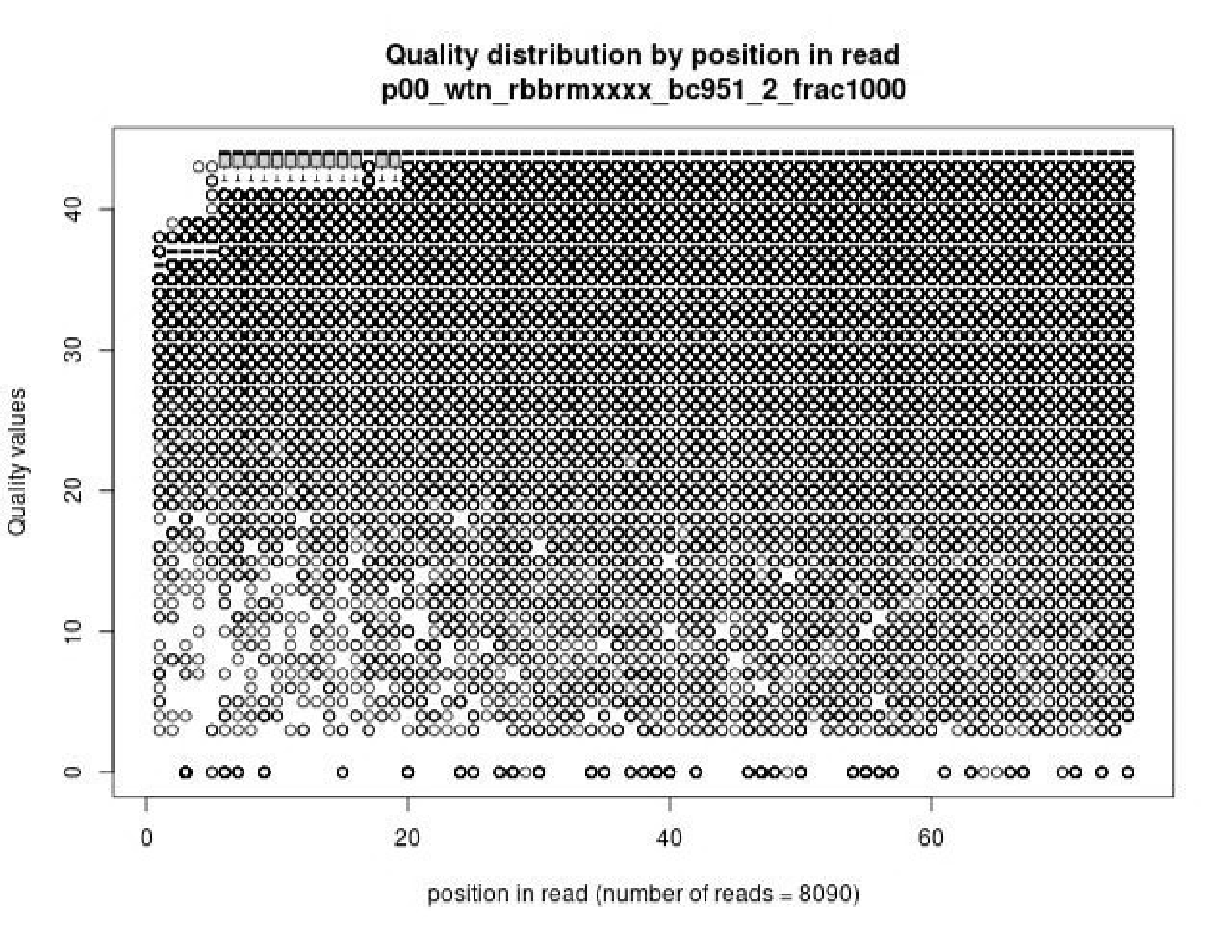

Quality distribution by position in read
p00_wtn_rbbcl11ax_bc916_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7789)

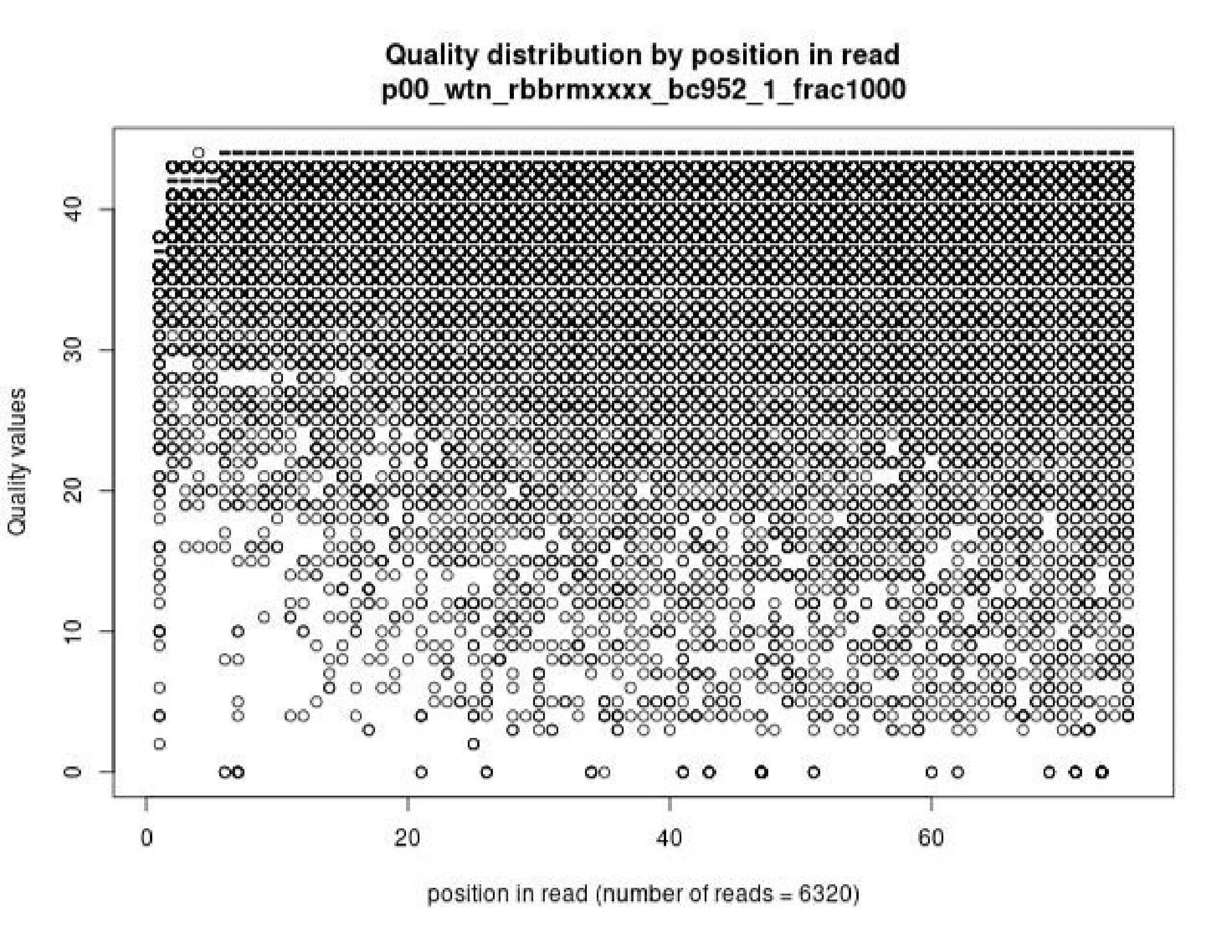

Quality distribution by position in read
p00_wtn_rbbcl11ax_bc916_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7789)

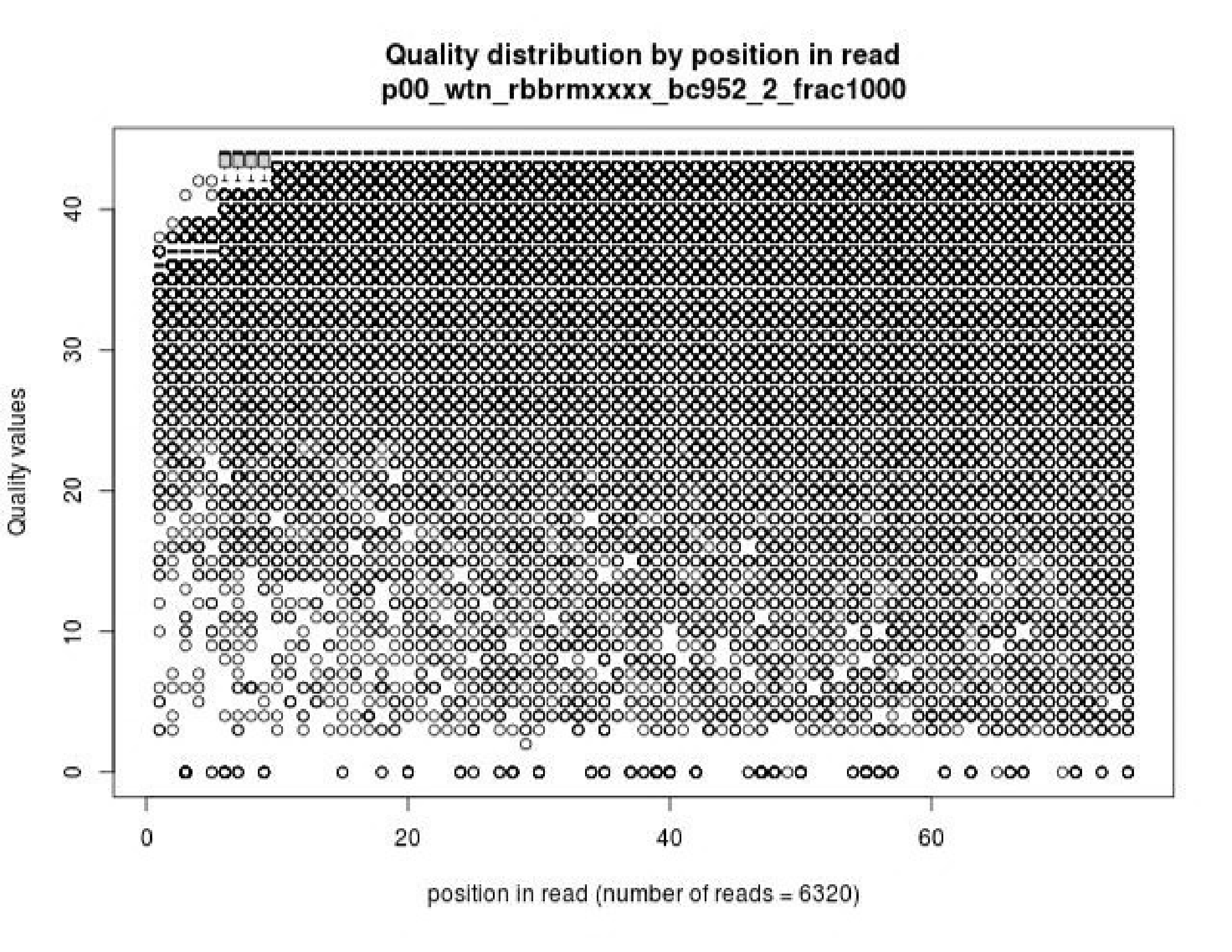

Quality distribution by position in read
p00_wtn_rbbcl11ax_bc917_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9464)

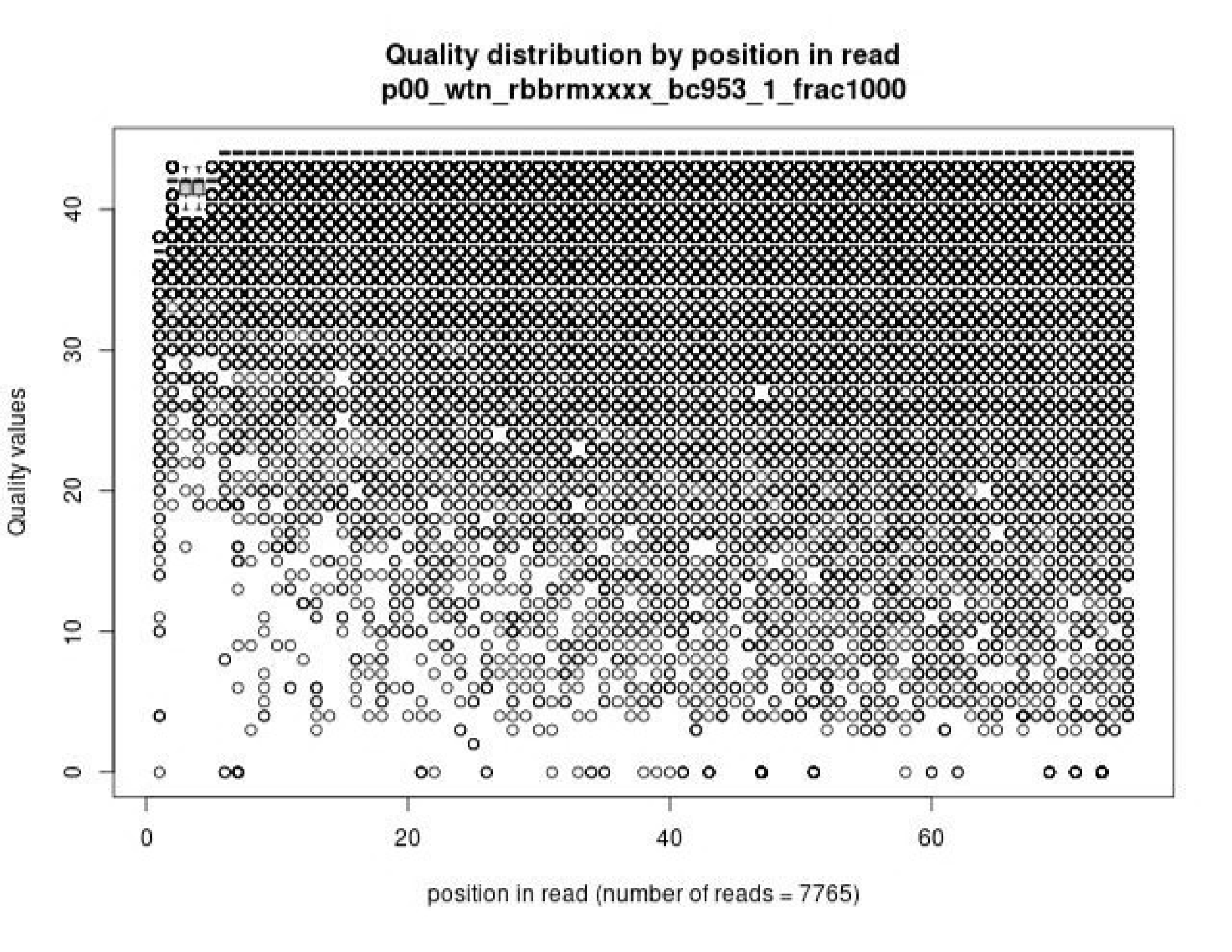

Quality distribution by position in read
p00_wtn_rbbcl11ax_bc917_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9464)

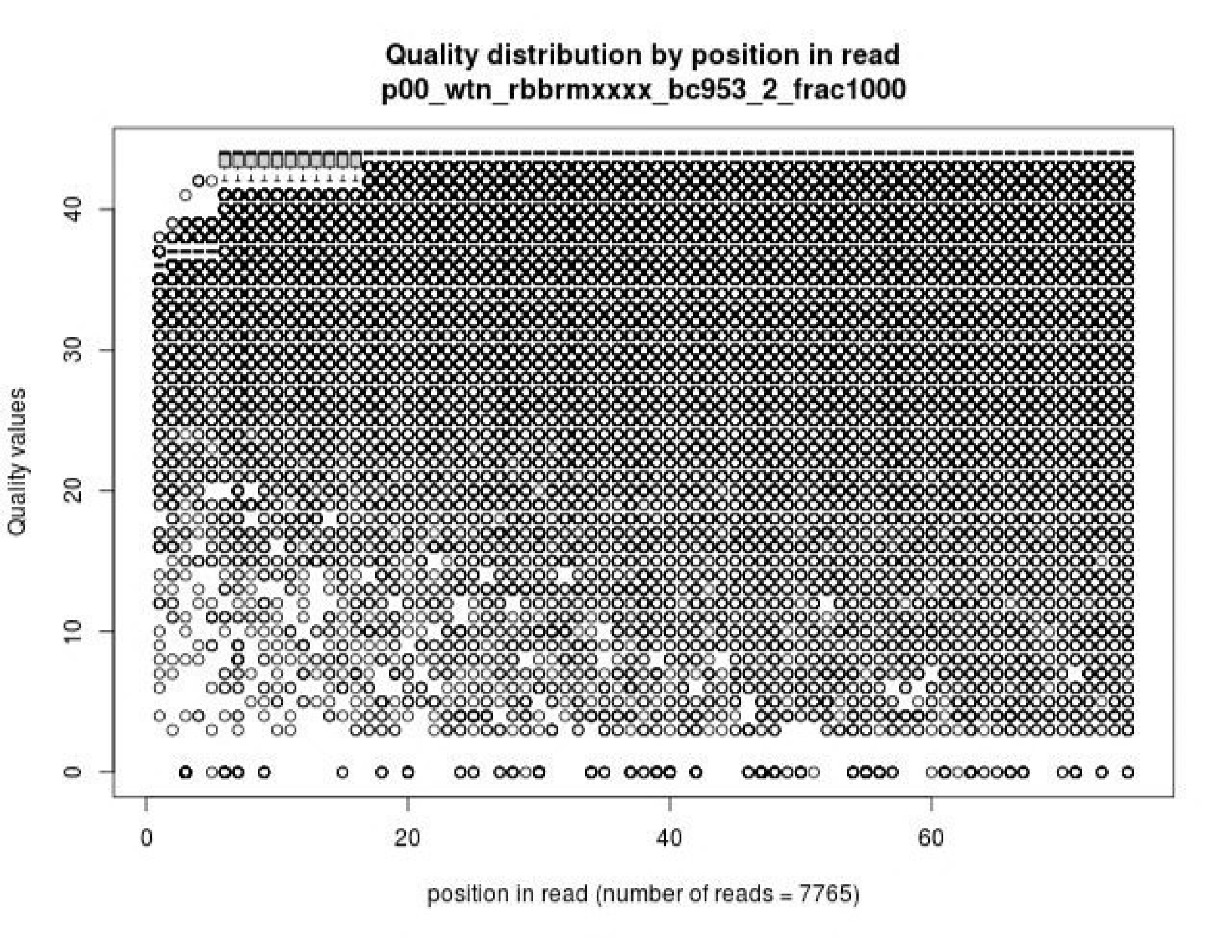

Quality distribution by position in read
p00_wtn_rbbrmxxxx_bc951_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8090)

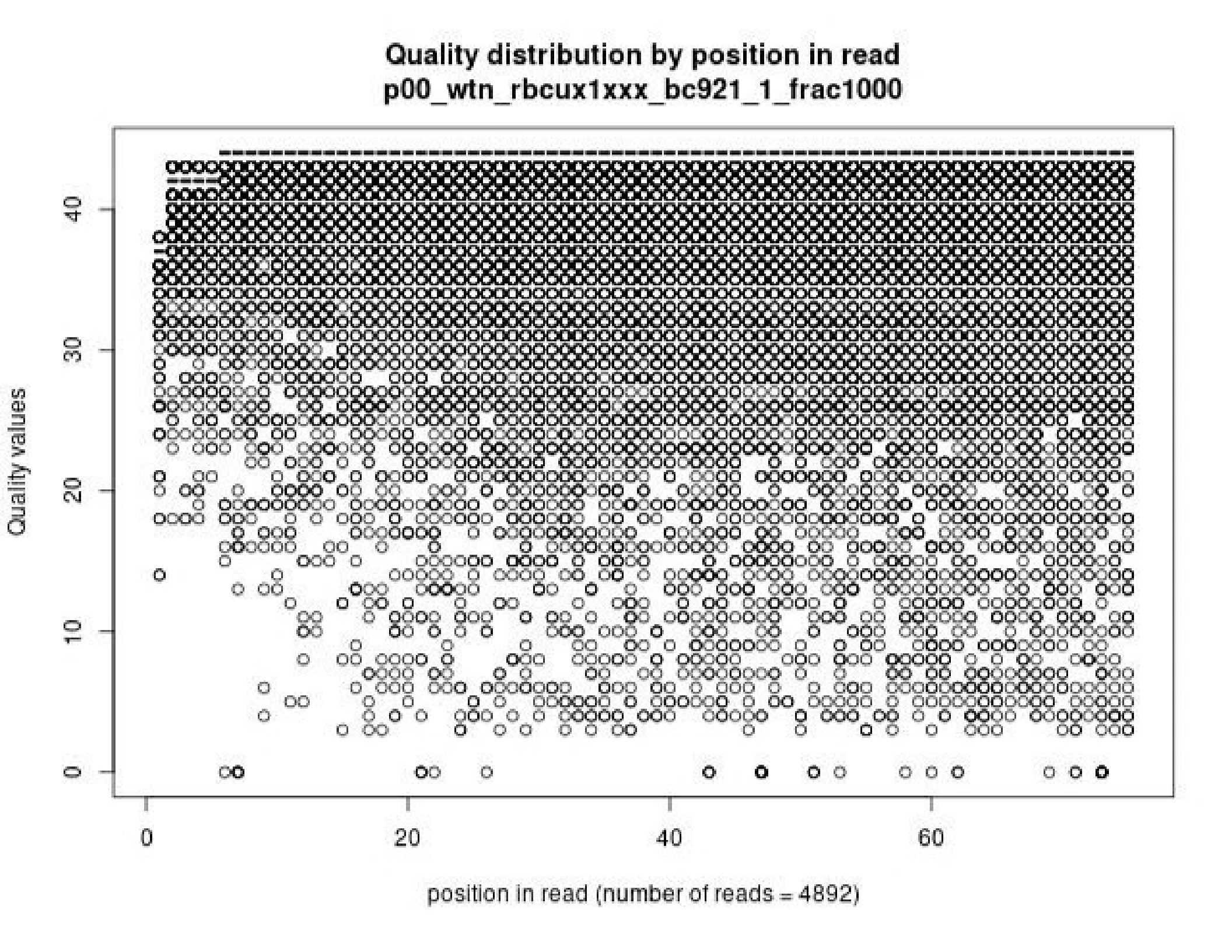

Quality distribution by position in read
p00_wtn_rbbrmxxxx_bc951_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8090)

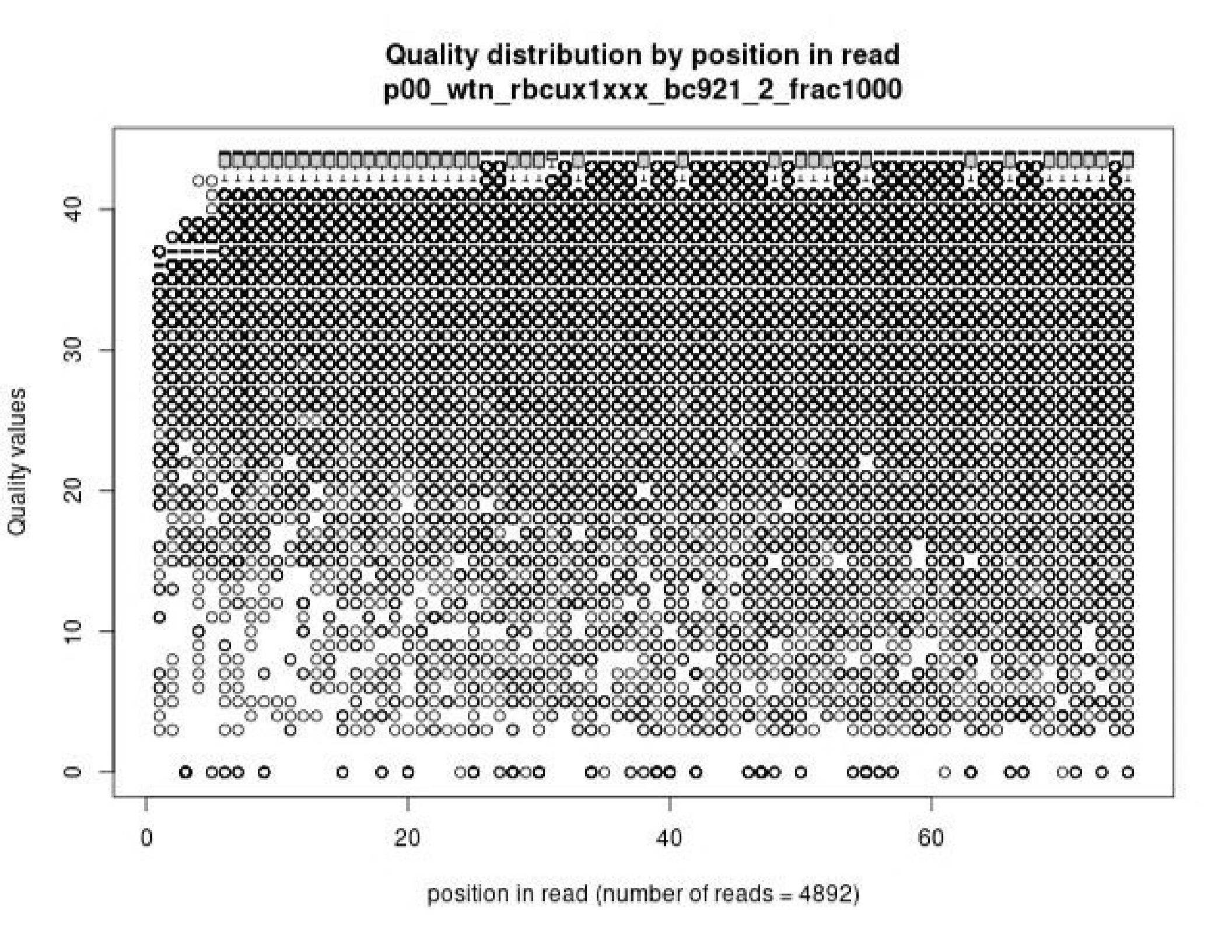

Quality distribution by position in read
p00_wtn_rbbrmxxxx_bc952_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6320)

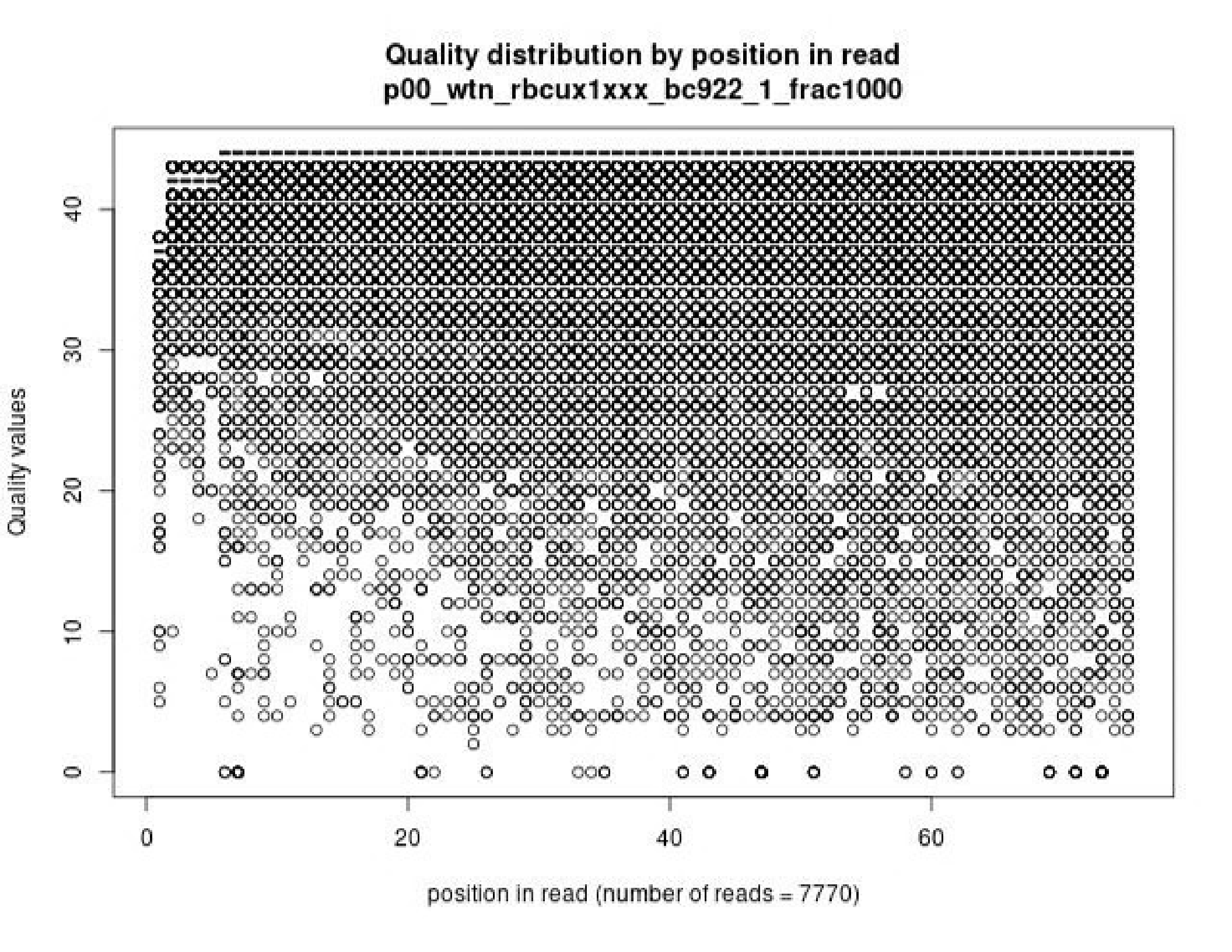

Quality distribution by position in read
p00_wtn_rbbrmxxxx_bc952_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6320)

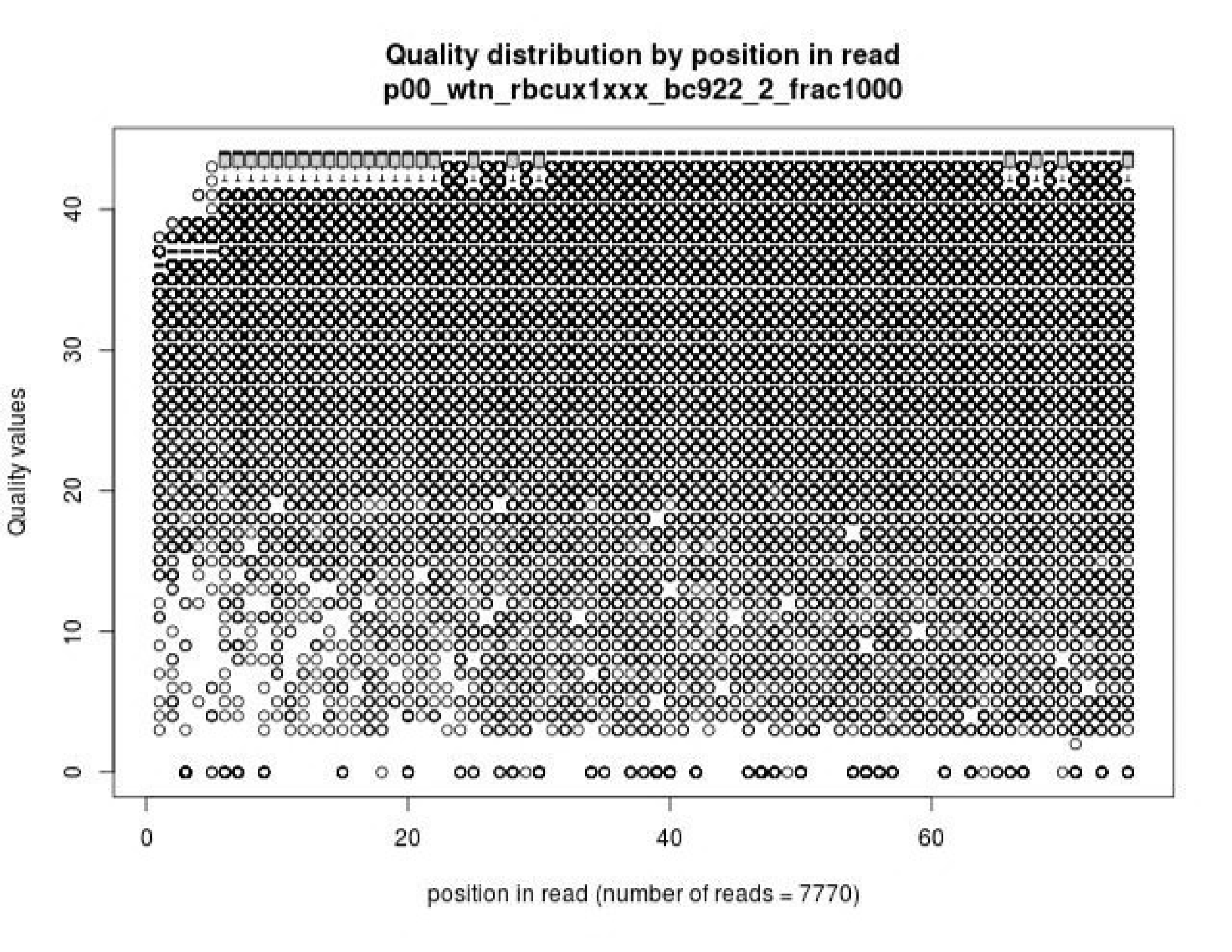

Quality distribution by position in read
p00_wtn_rbbrmxxxx_bc953_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7765)

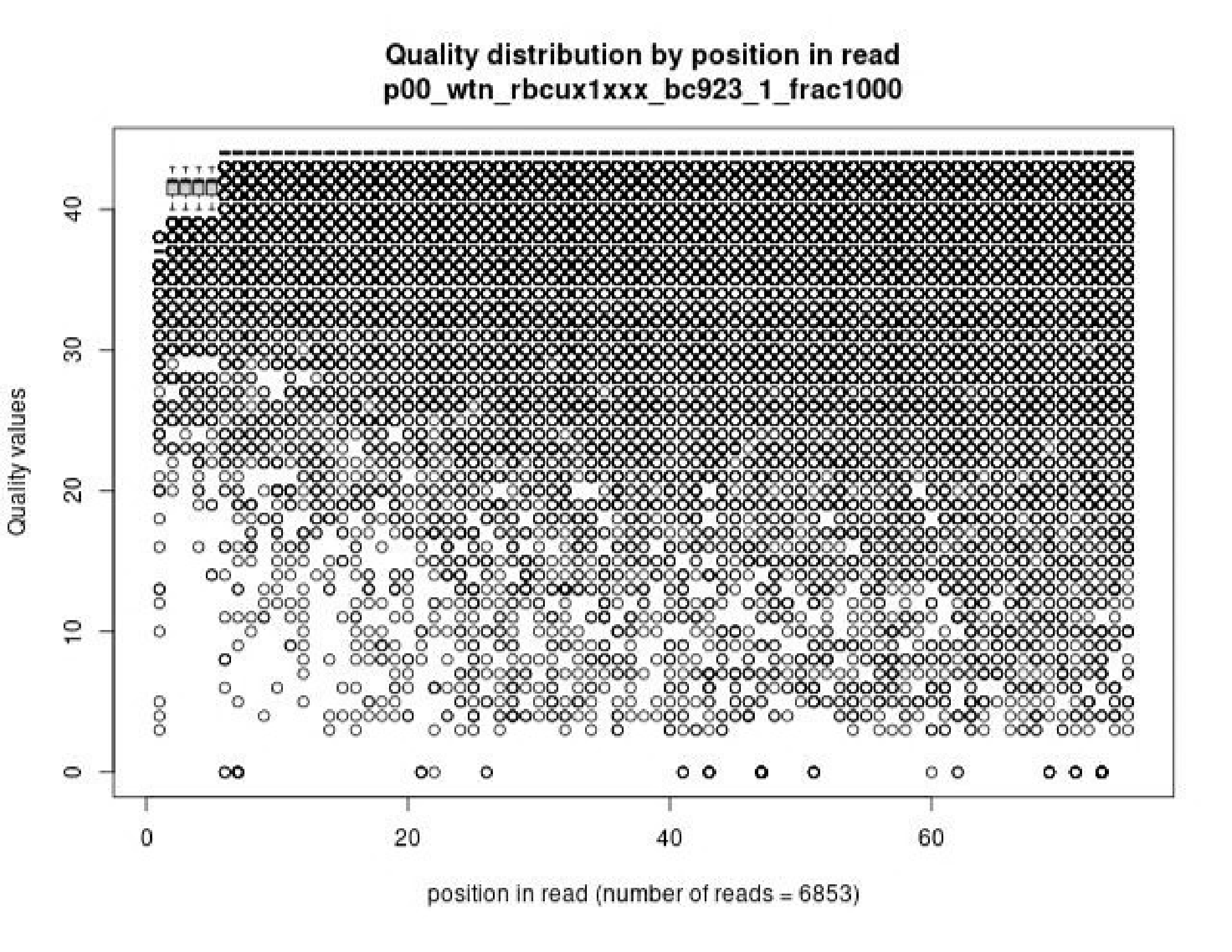

Quality distribution by position in read
p00_wtn_rbbrmxxxx_bc953_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7765)

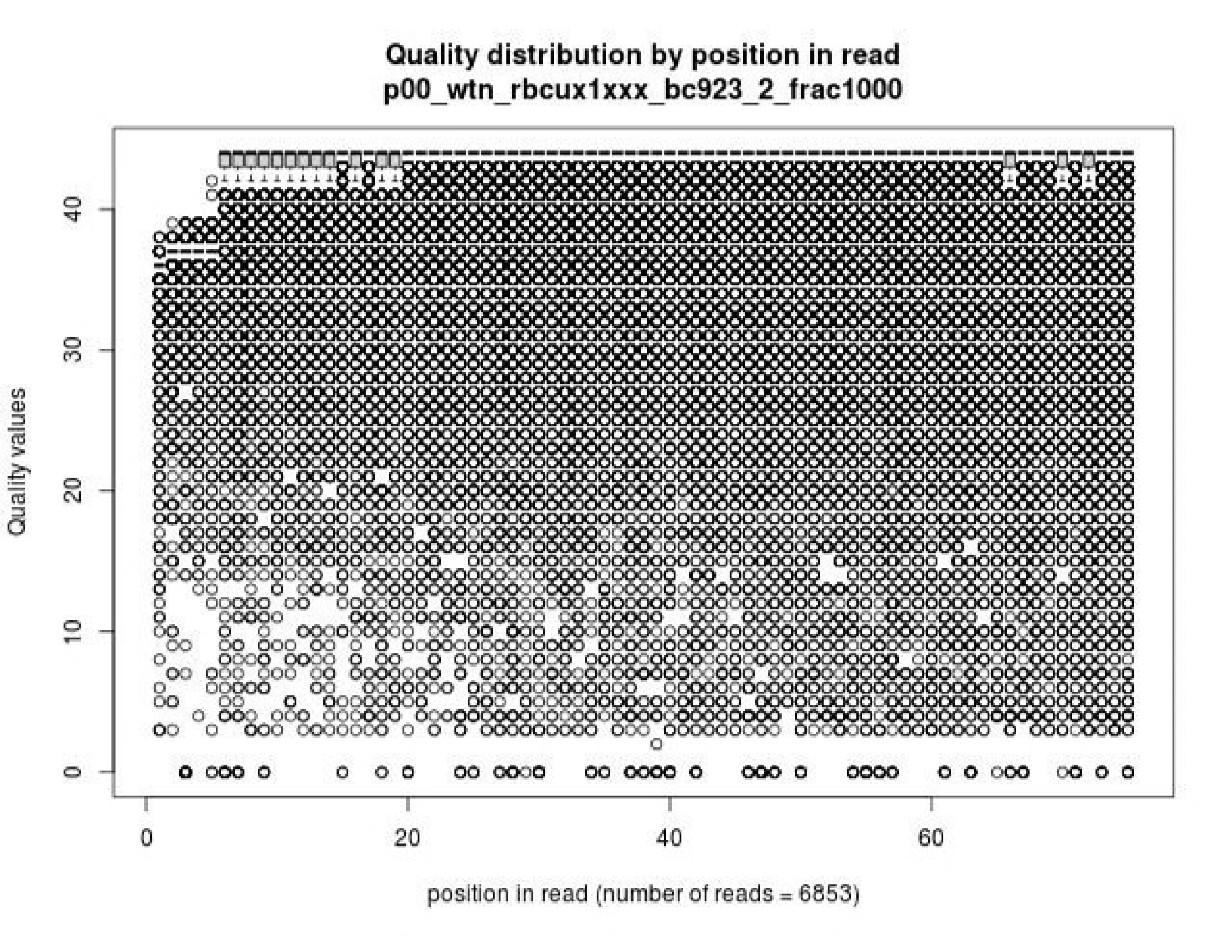

Quality distribution by position in read
p00_wtn_rbcux1xxx_bc921_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 4892)

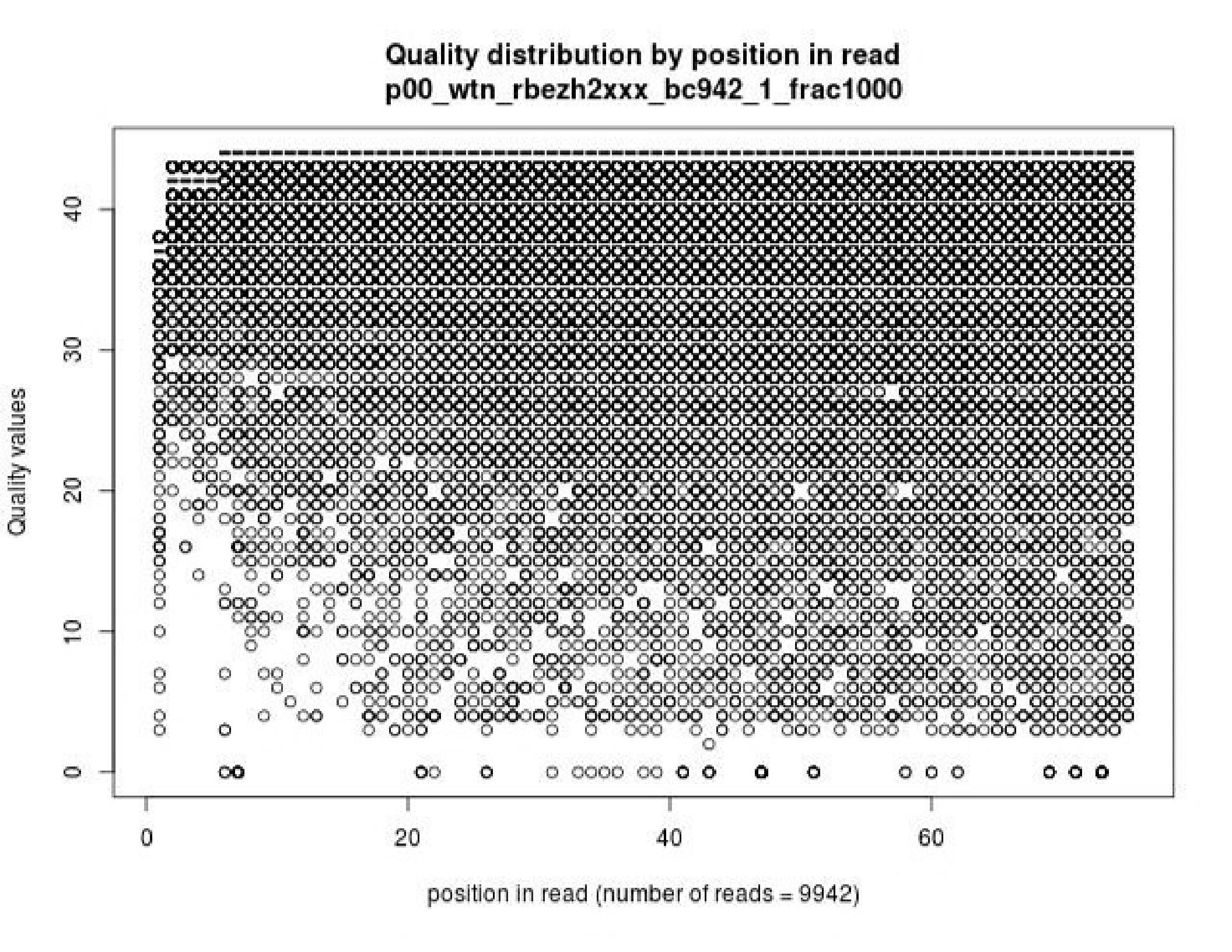

Quality distribution by position in read
p00_wtn_rbcux1xxx_bc921_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 4892)

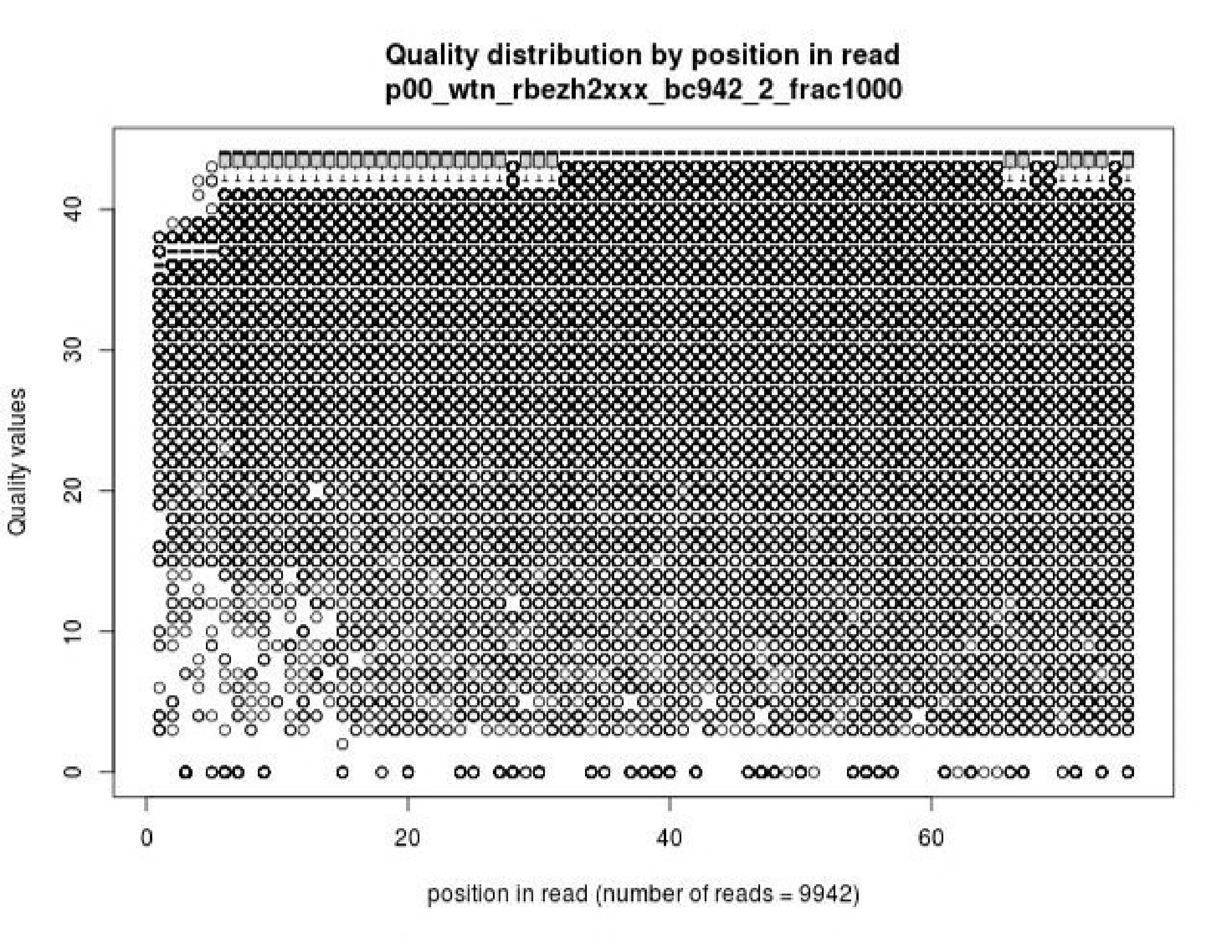

Quality distribution by position in read
p00_wtn_rbcux1xxx_bc922_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7770)

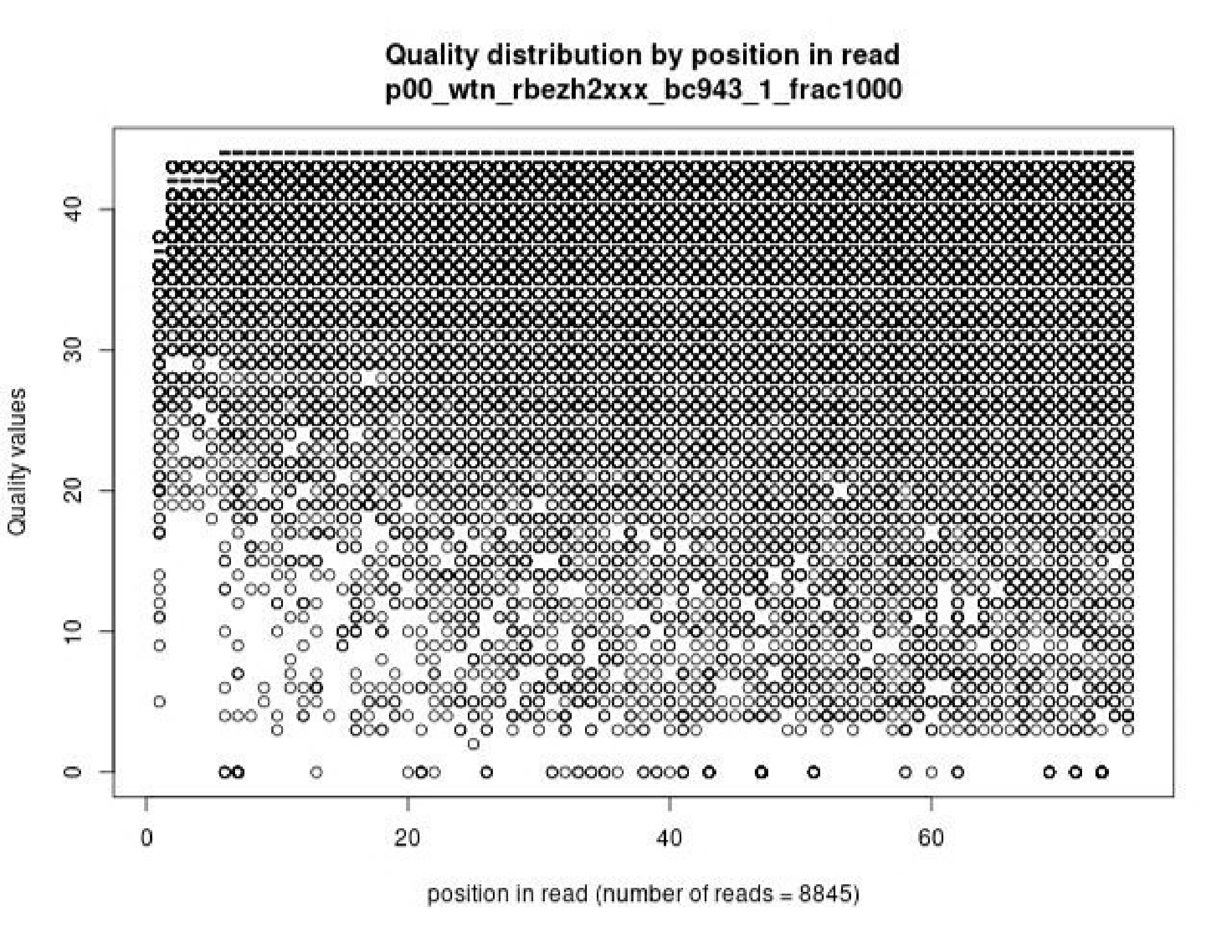

Quality distribution by position in read
p00_wtn_rbcux1xxx_bc922_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7770)

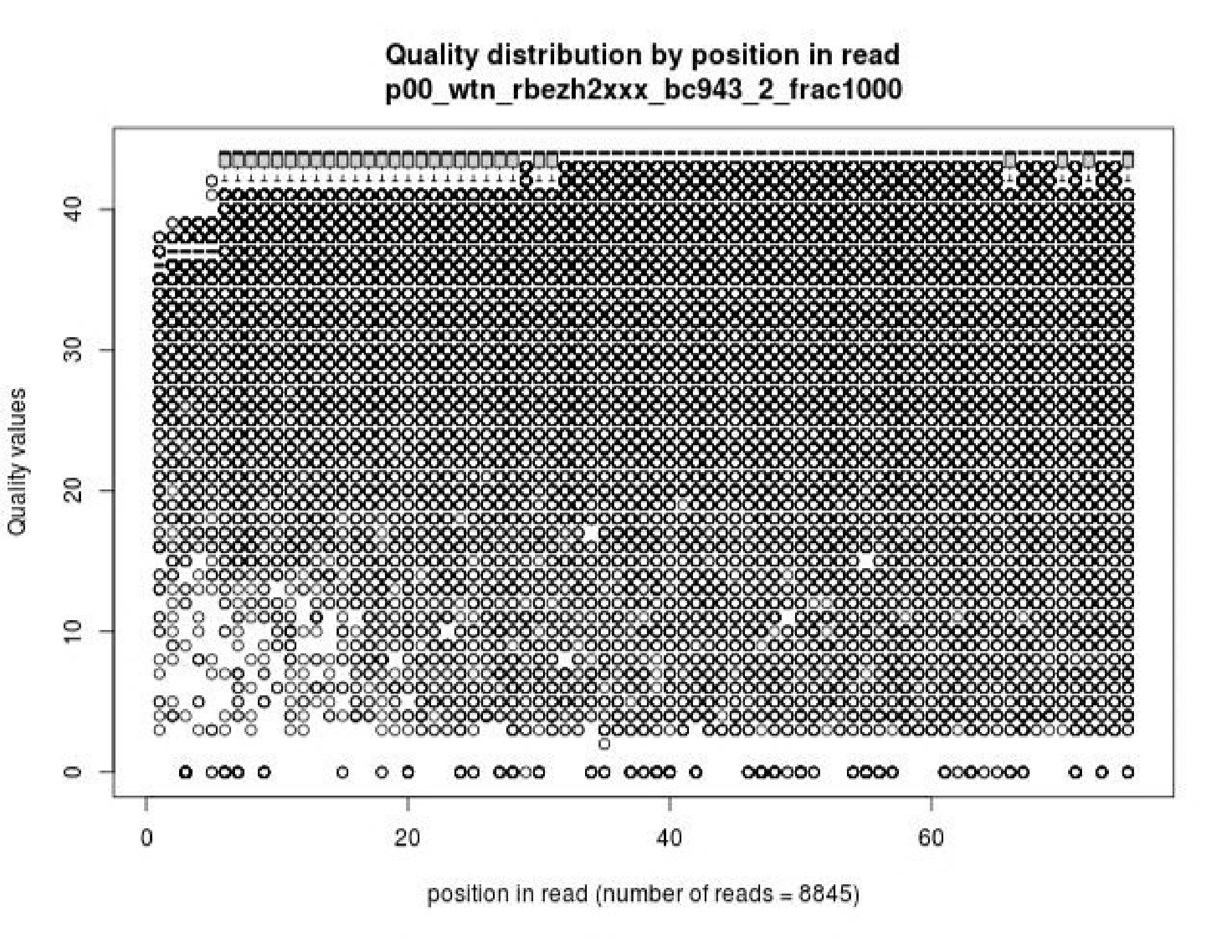

Quality distribution by position in read
p00_wtn_rbcux1xxx_bc923_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6853)

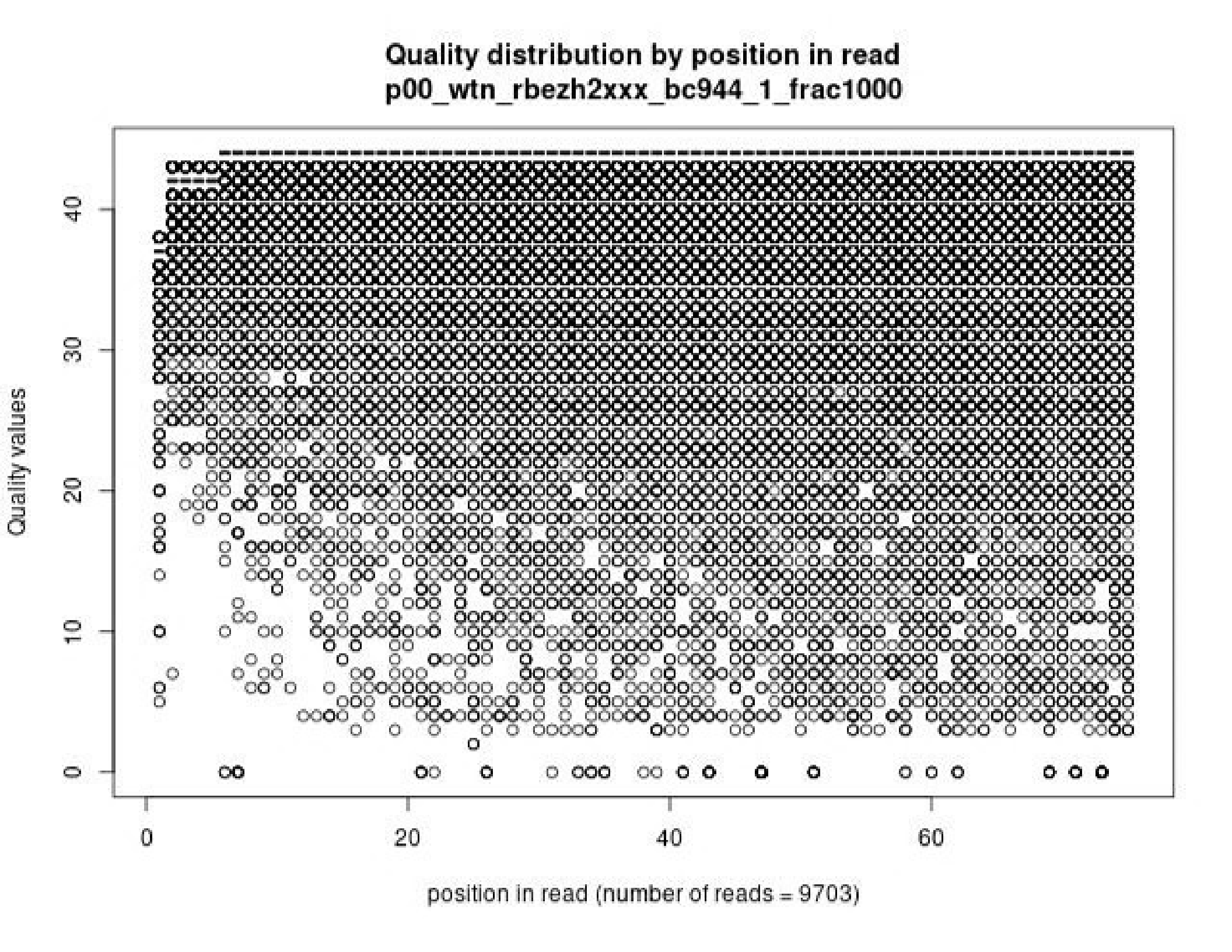

Quality distribution by position in read
p00_wtn_rbcux1xxx_bc923_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6853)

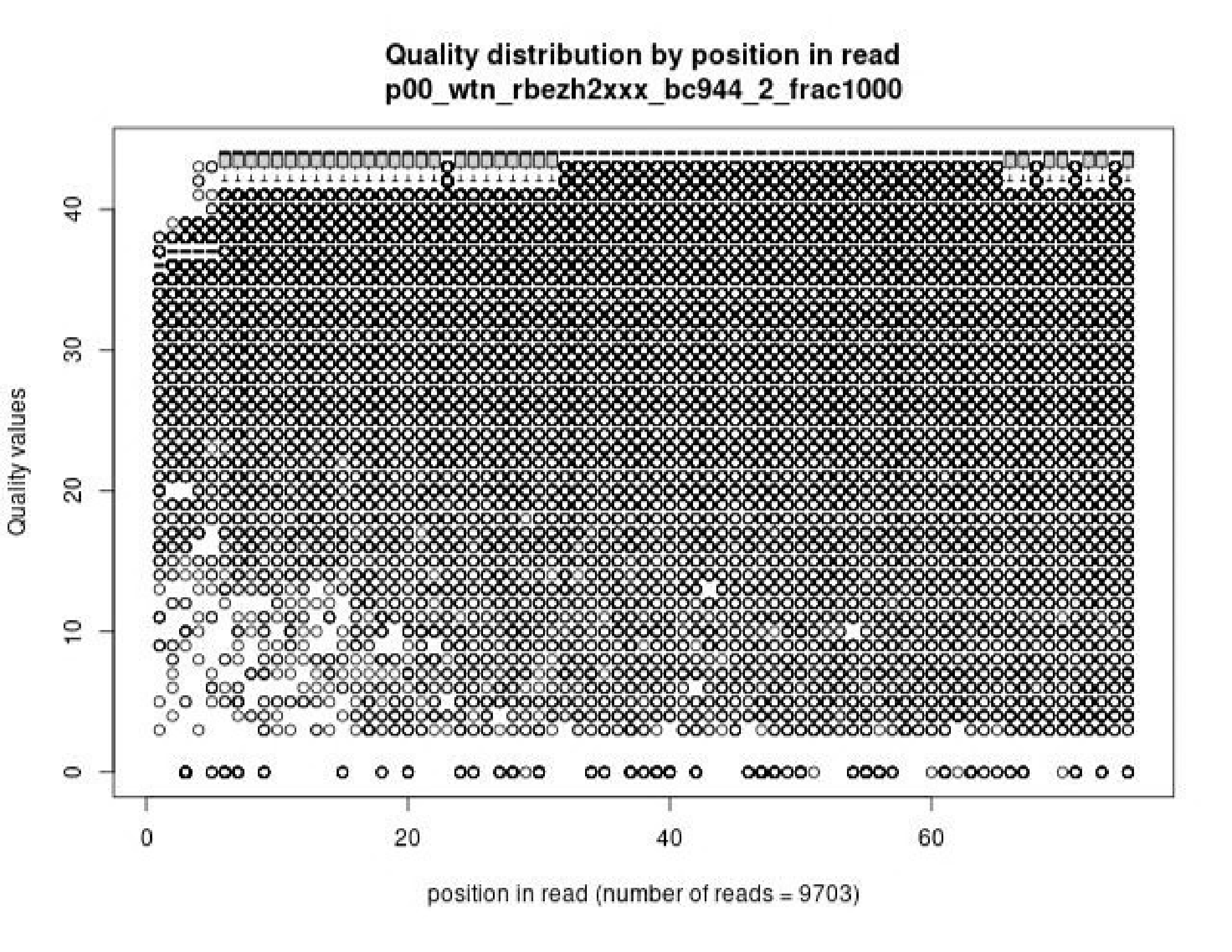

Quality distribution by position in read
p00_wtn_rbezh2xxx_bc942_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9942)

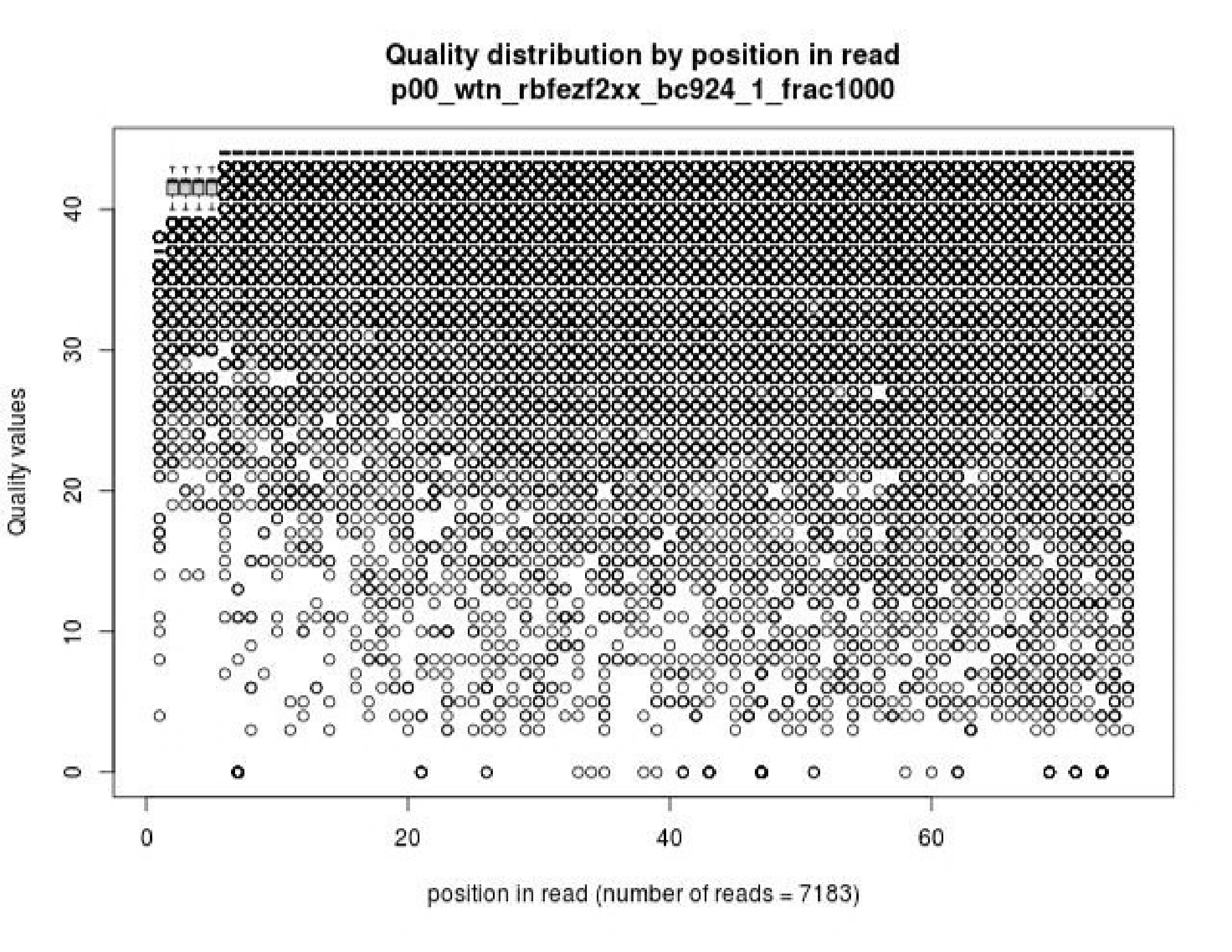

Quality distribution by position in read
p00_wtn_rbezh2xxx_bc942_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9942)

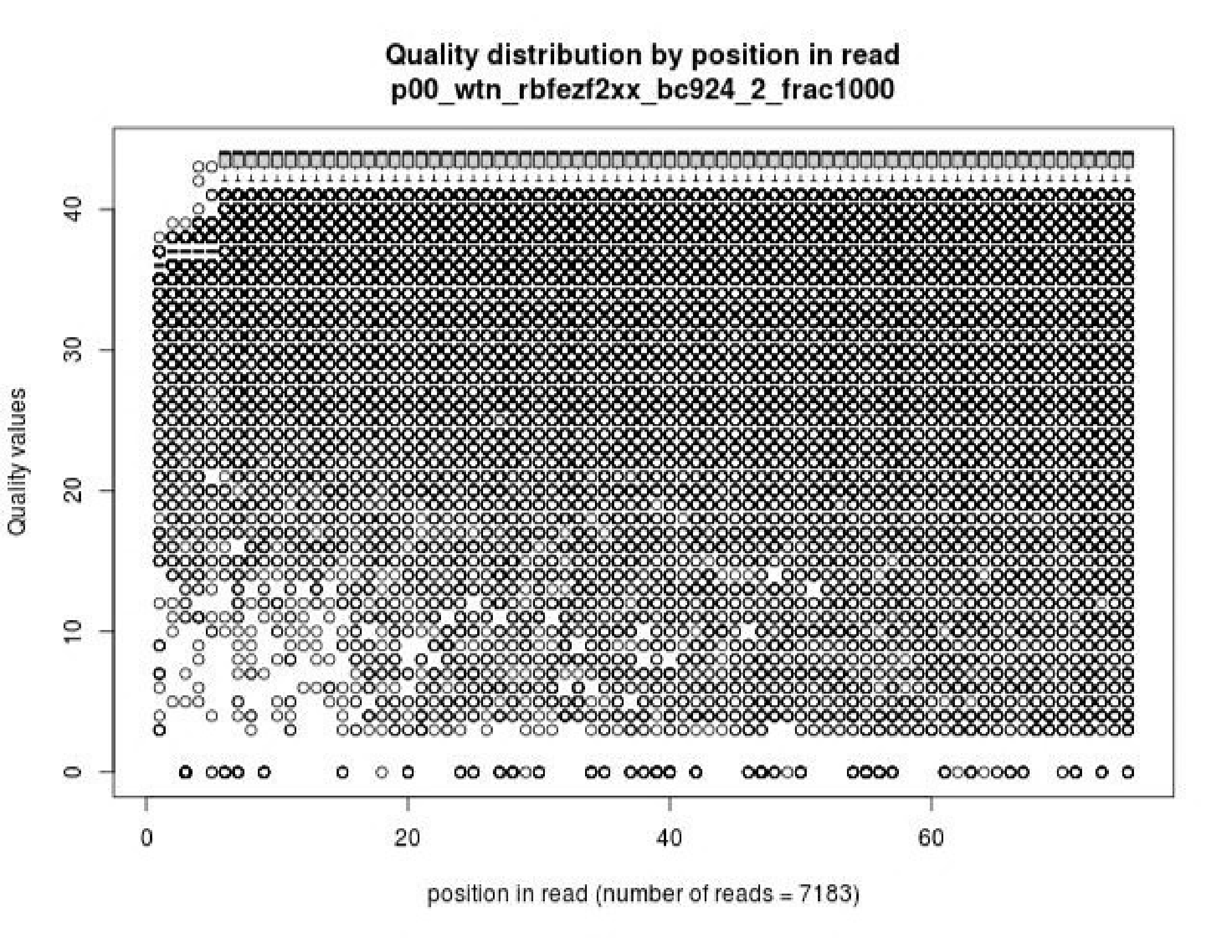

Quality distribution by position in read
p00_wtn_rbezh2xxx_bc943_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8845)

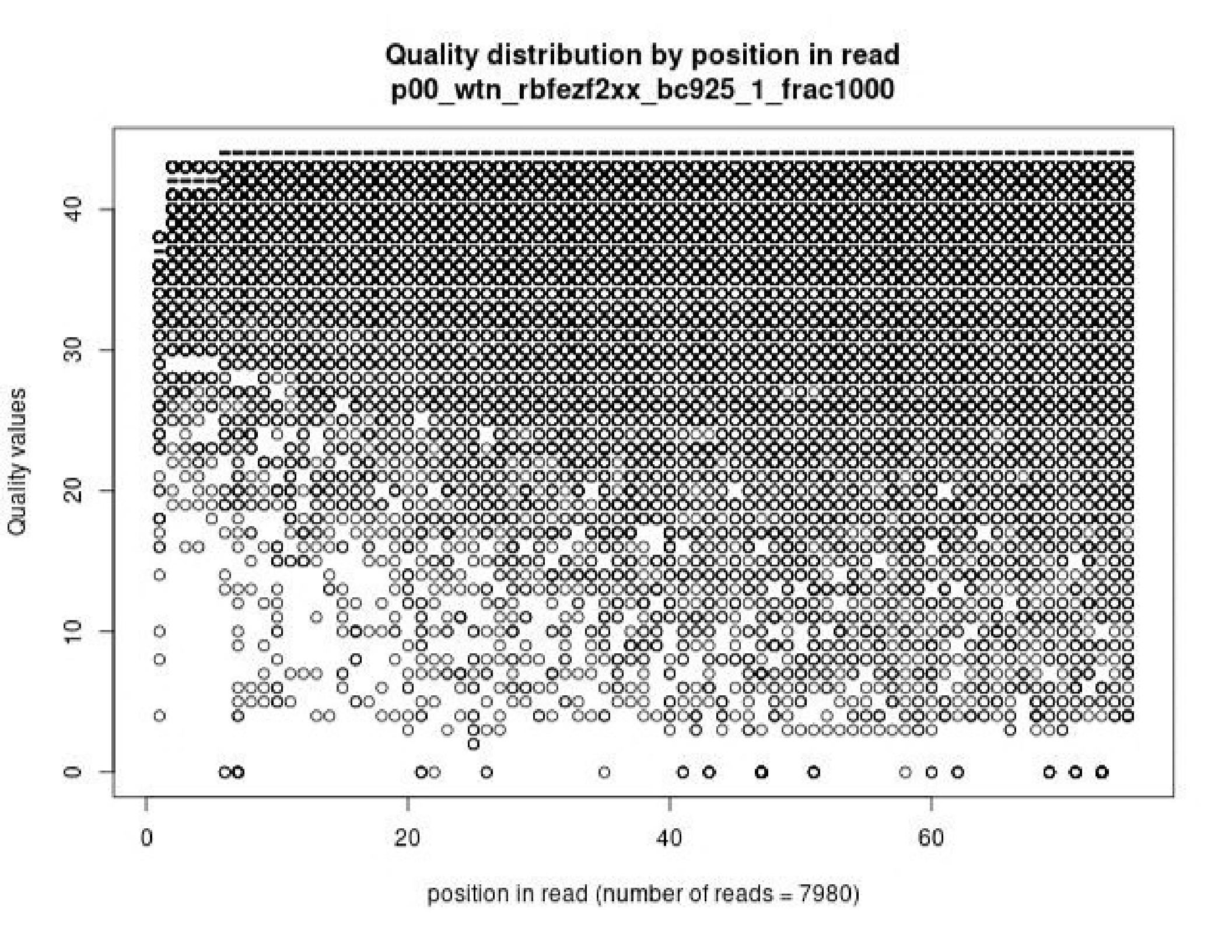

Quality distribution by position in read
p00_wtn_rbezh2xxx_bc943_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8845)

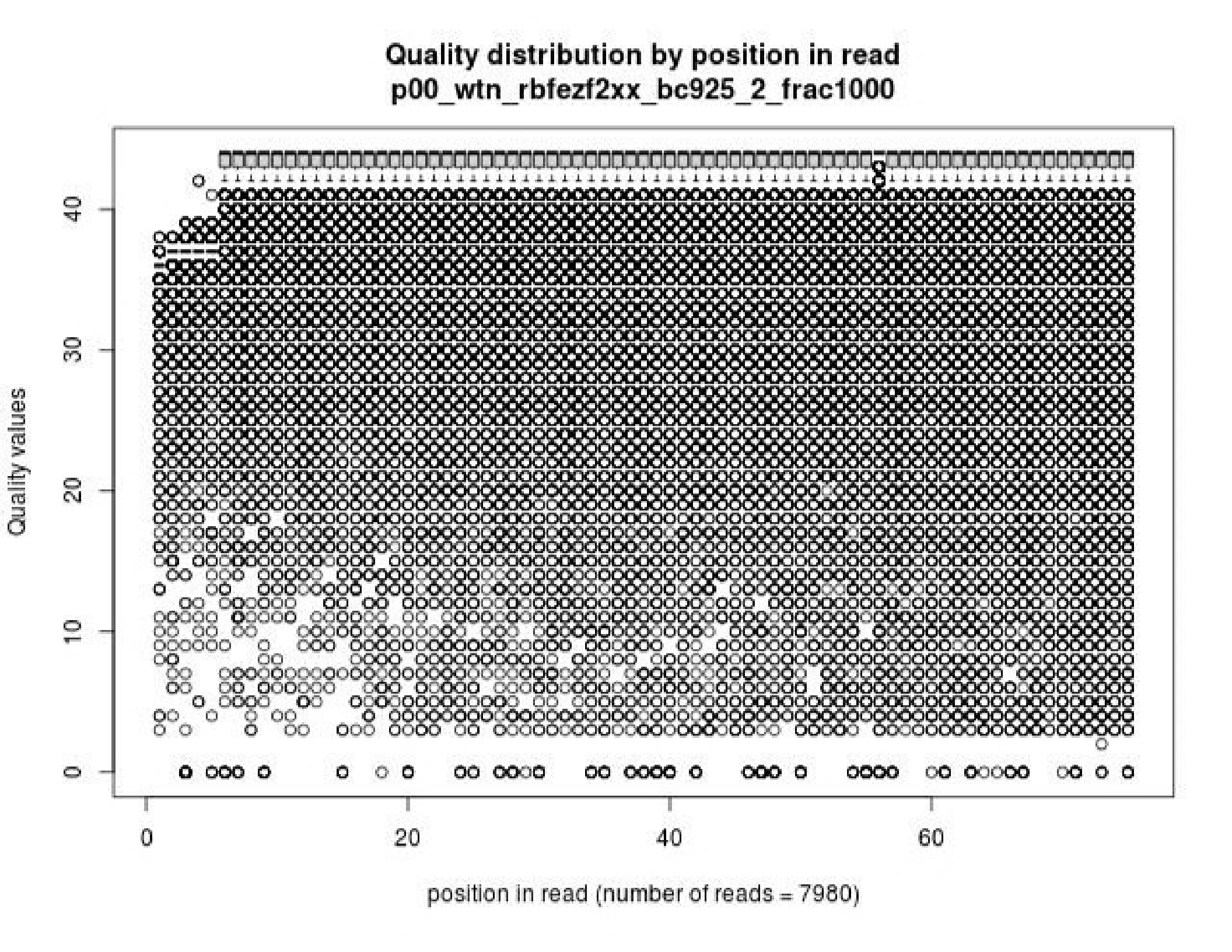

Quality distribution by position in read
p00_wtn_rbezh2xxx_bc944_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9703)

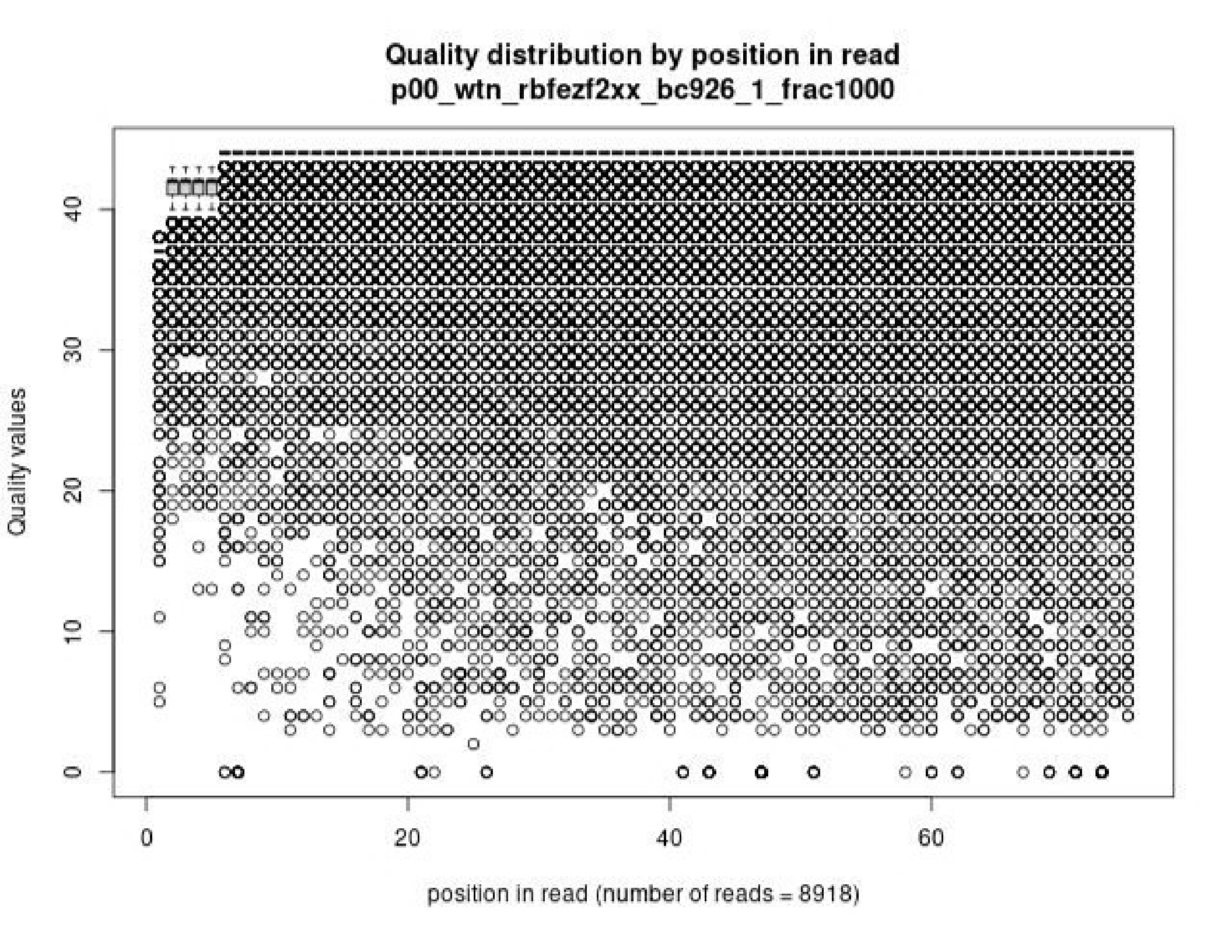

Quality distribution by position in read
p00_wtn_rbezh2xxx_bc944_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9703)

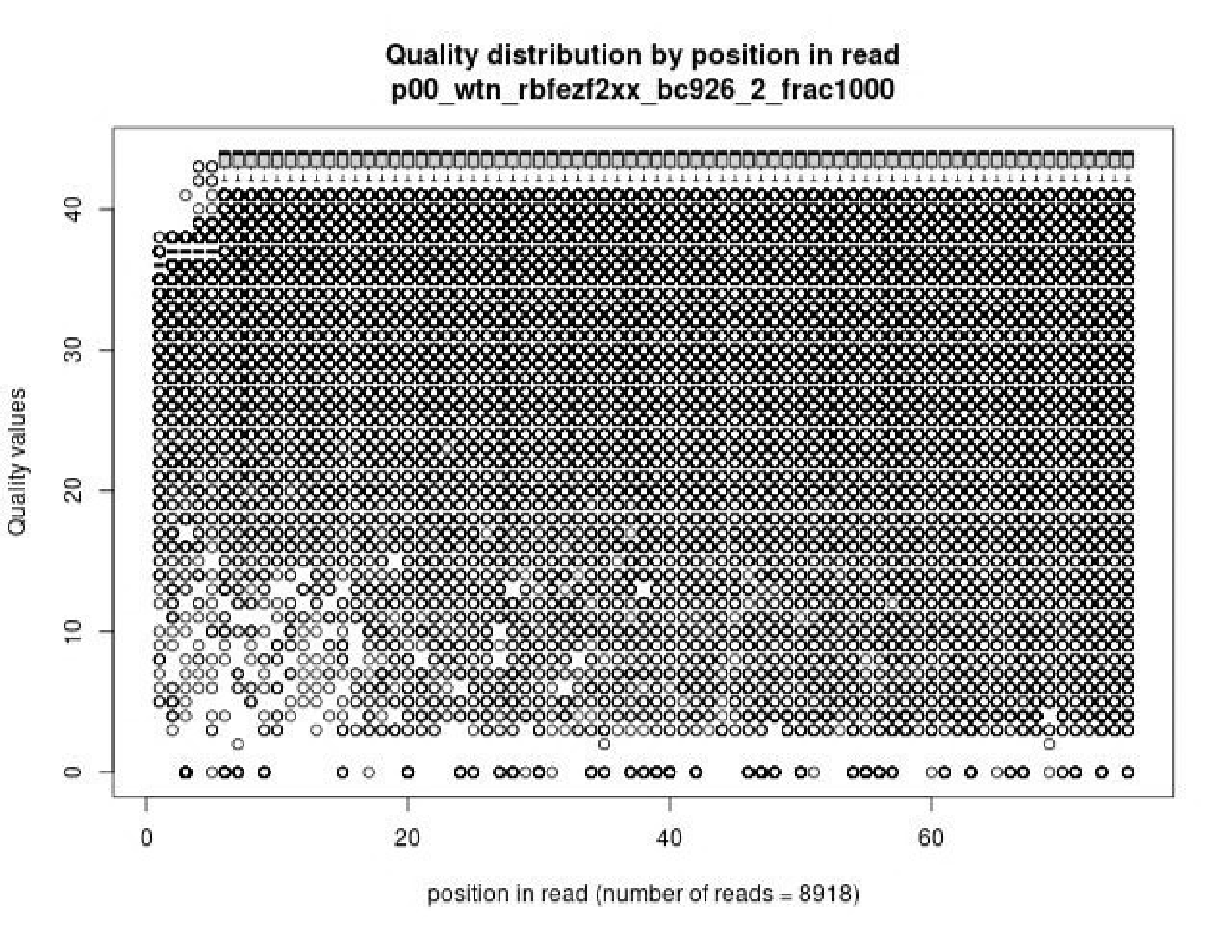

Quality distribution by position in read
p00_wtn_rbfezf2xx_bc924_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7183)

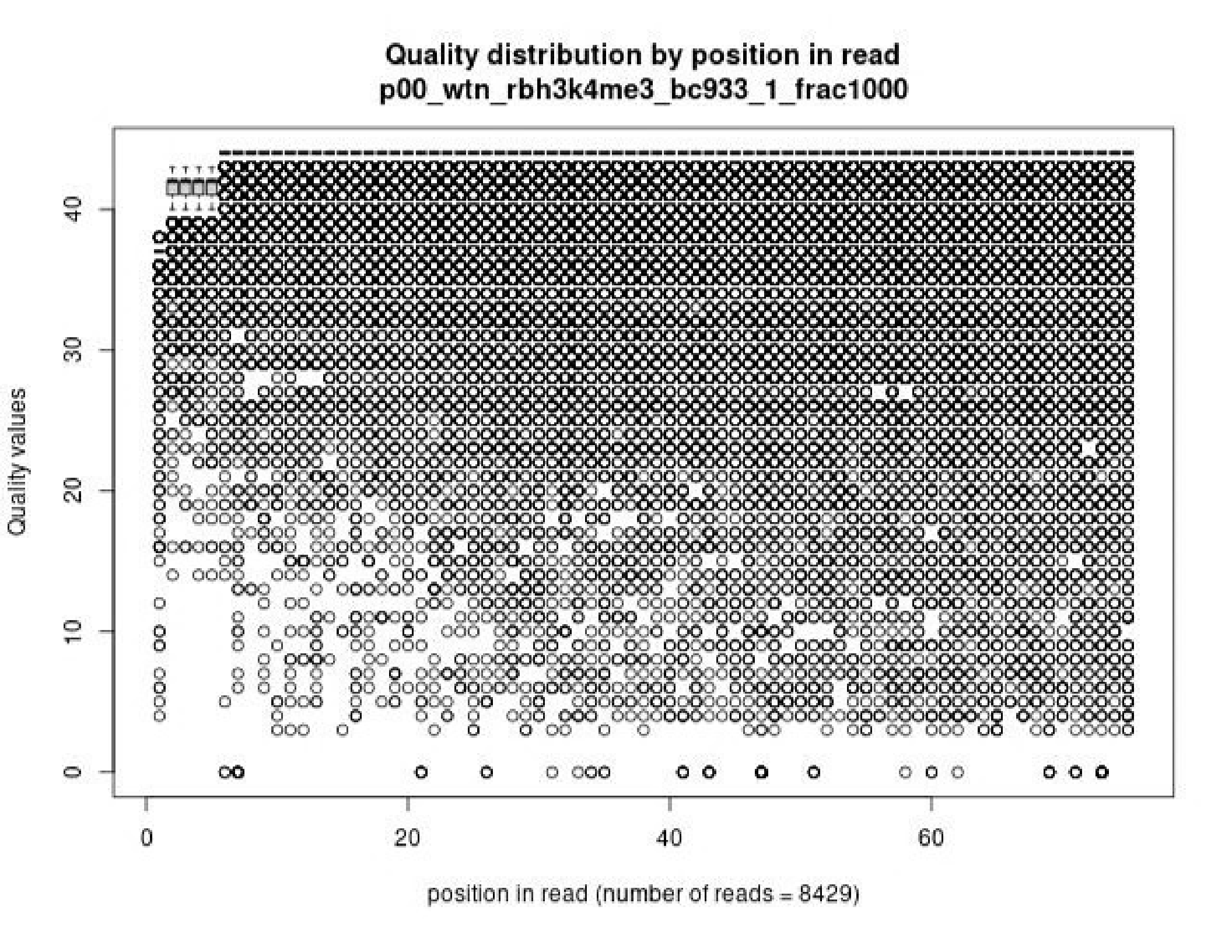

Quality distribution by position in read
p00_wtn_rbfezf2xx_bc924_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7183)

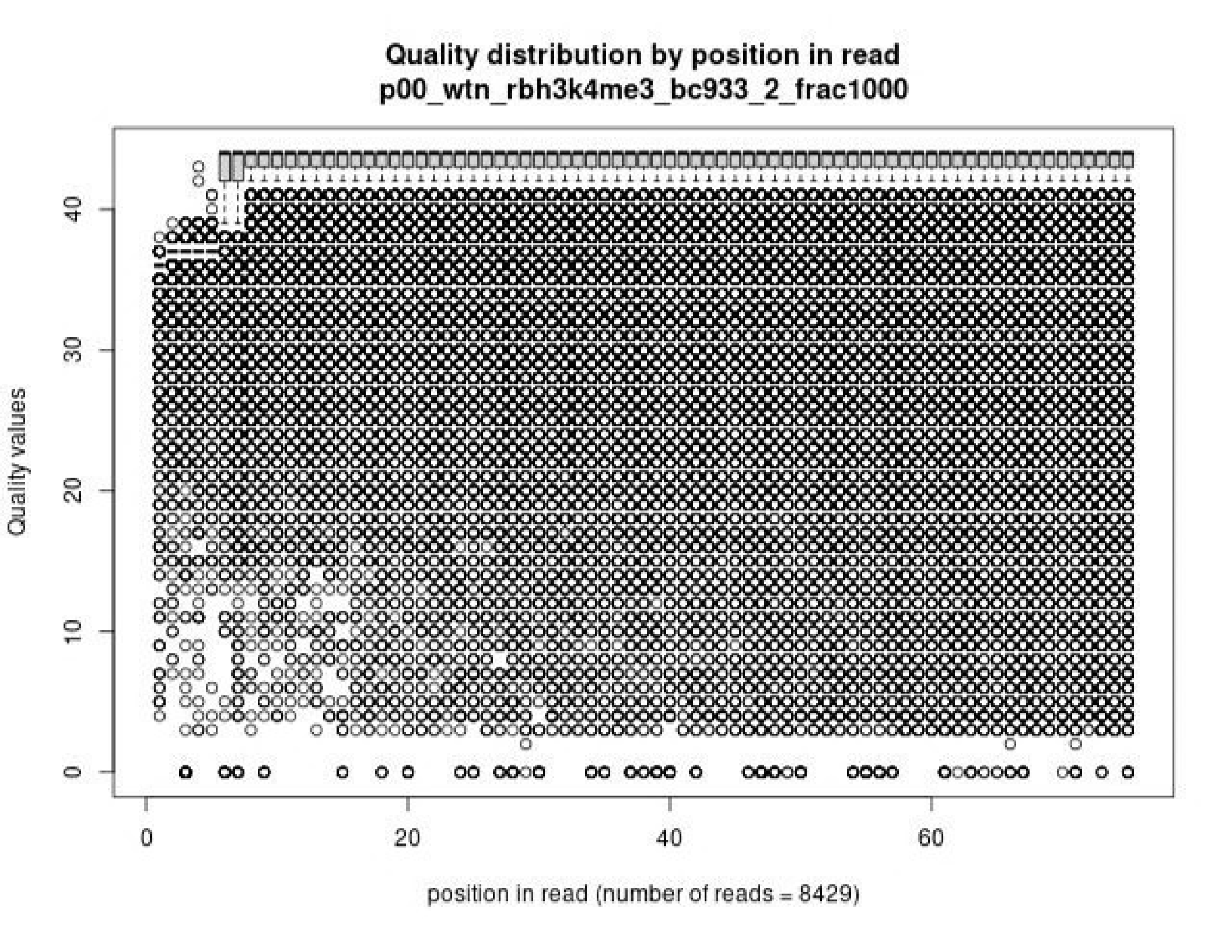

Quality distribution by position in read
p00_wtn_rbfezf2xx_bc925_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7980)

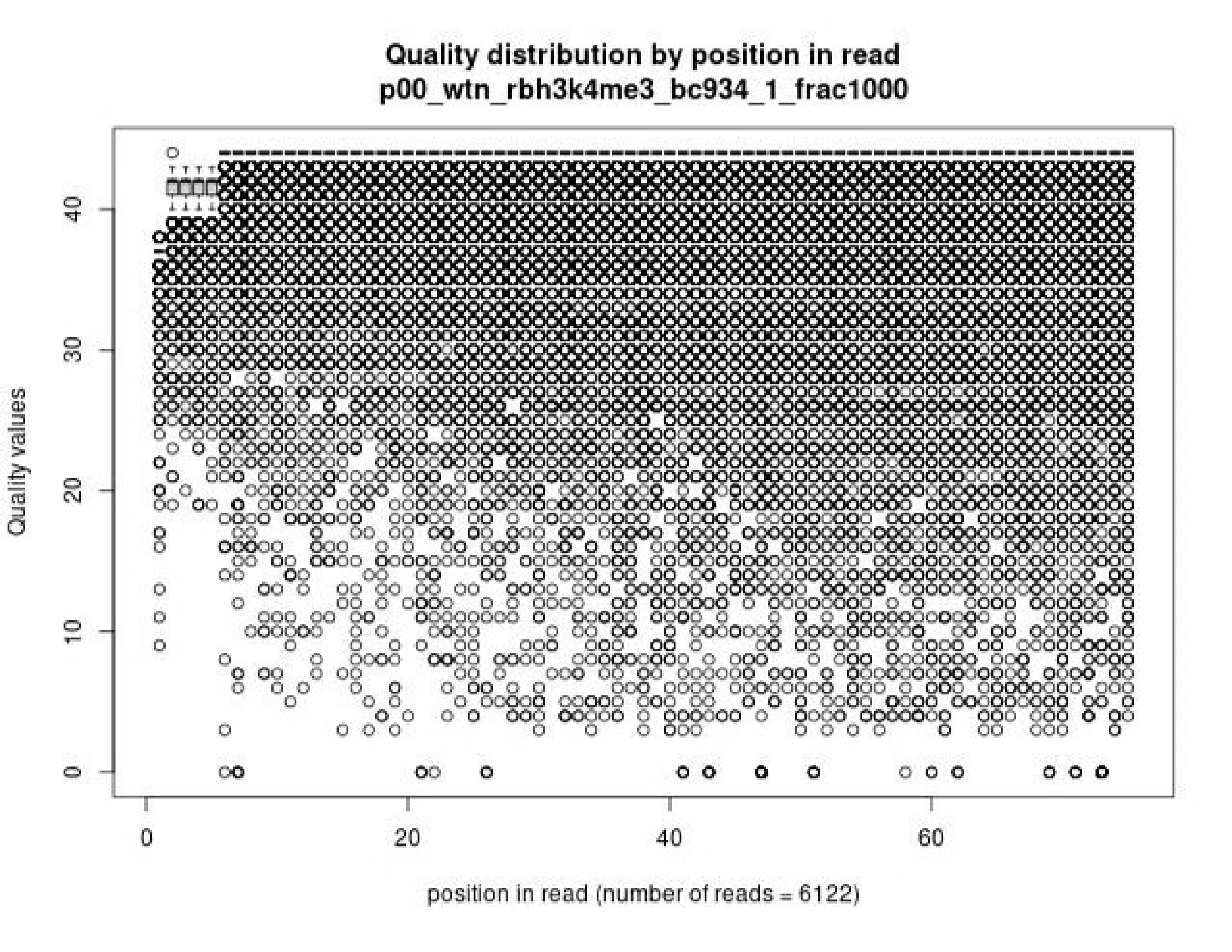

Quality distribution by position in read
p00_wtn_rbfezf2xx_bc925_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7980)

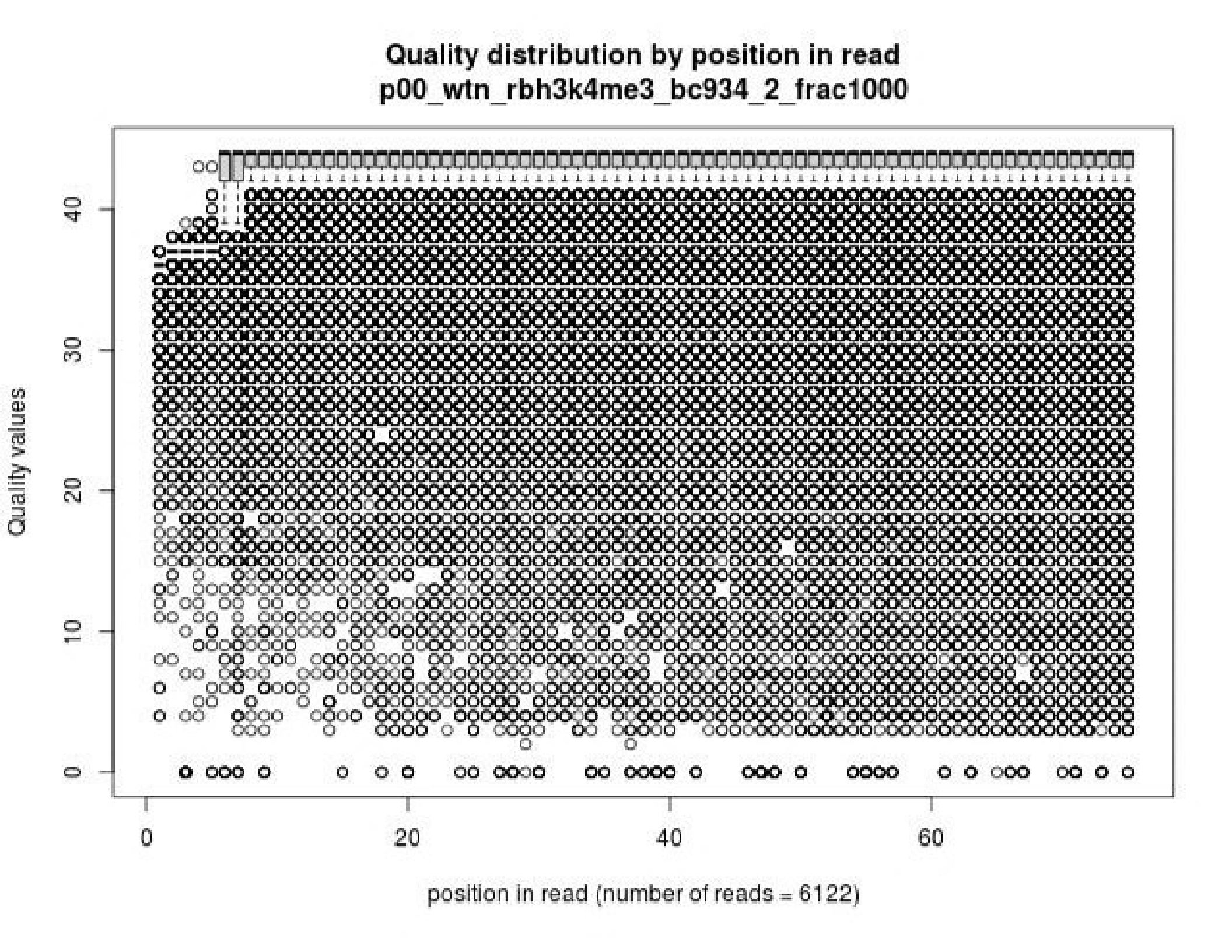

Quality distribution by position in read
p00_wtn_rbfezf2xx_bc926_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8918)

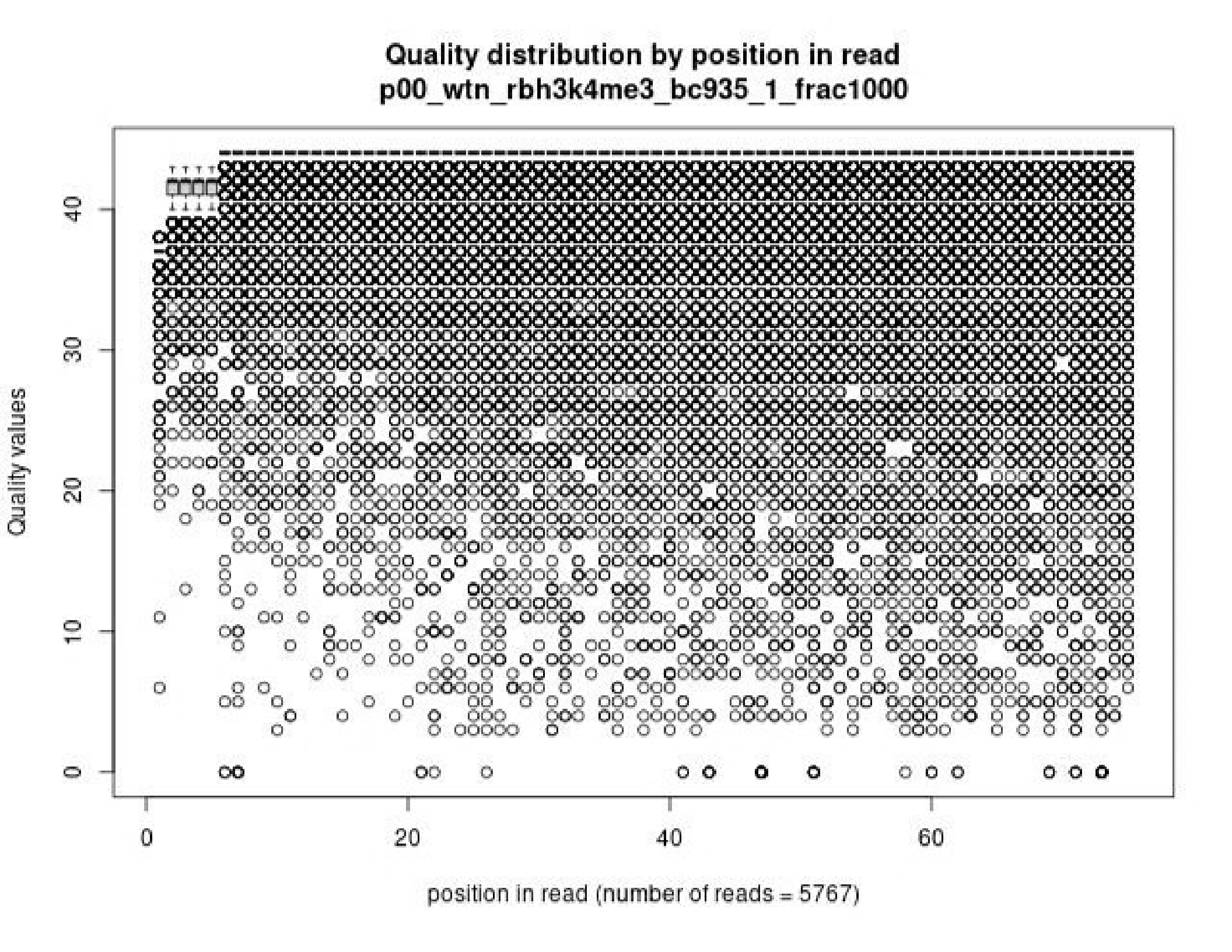

Quality distribution by position in read
p00_wtn_rbfezf2xx_bc926_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8918)

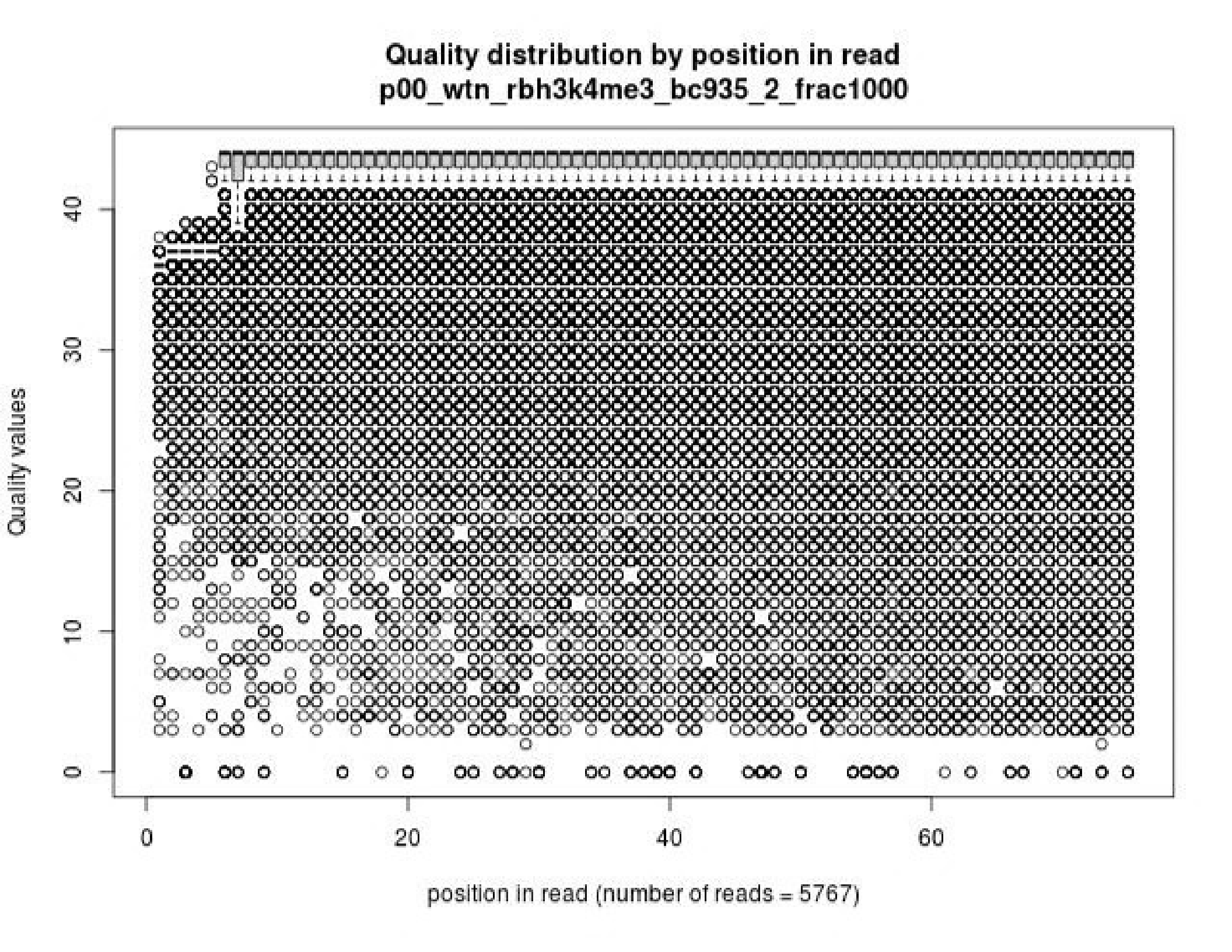

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc933_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8429)

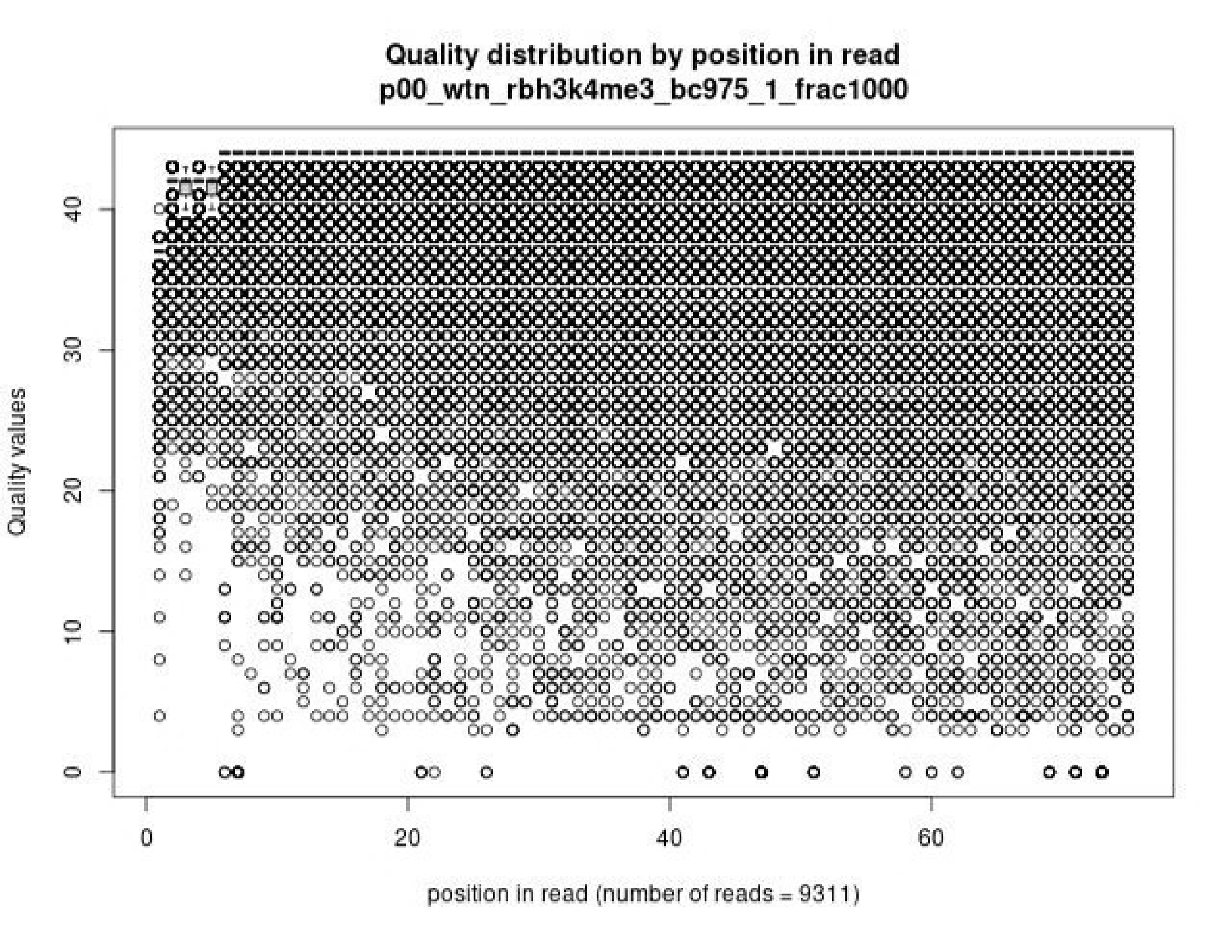

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc933_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8429)

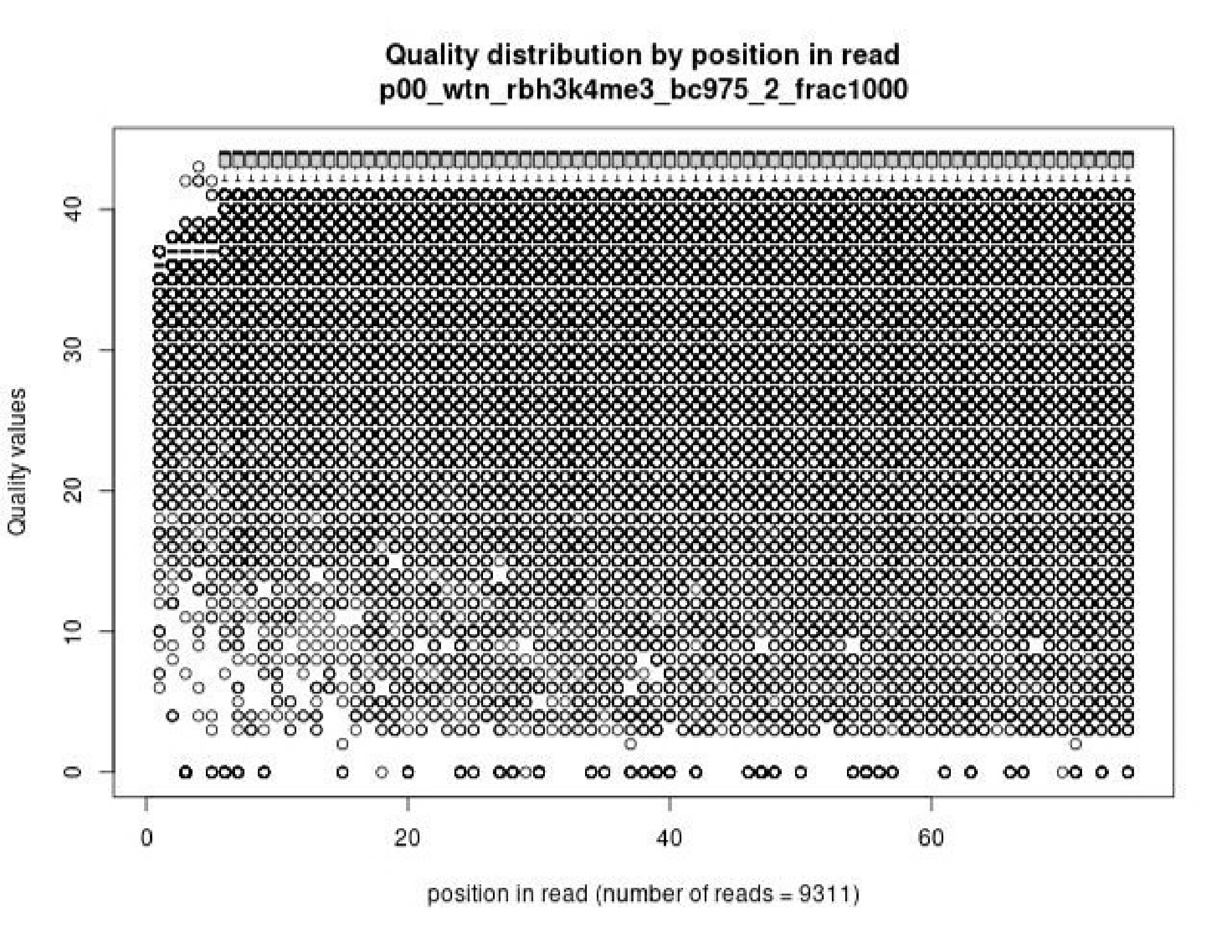

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc934_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6122)

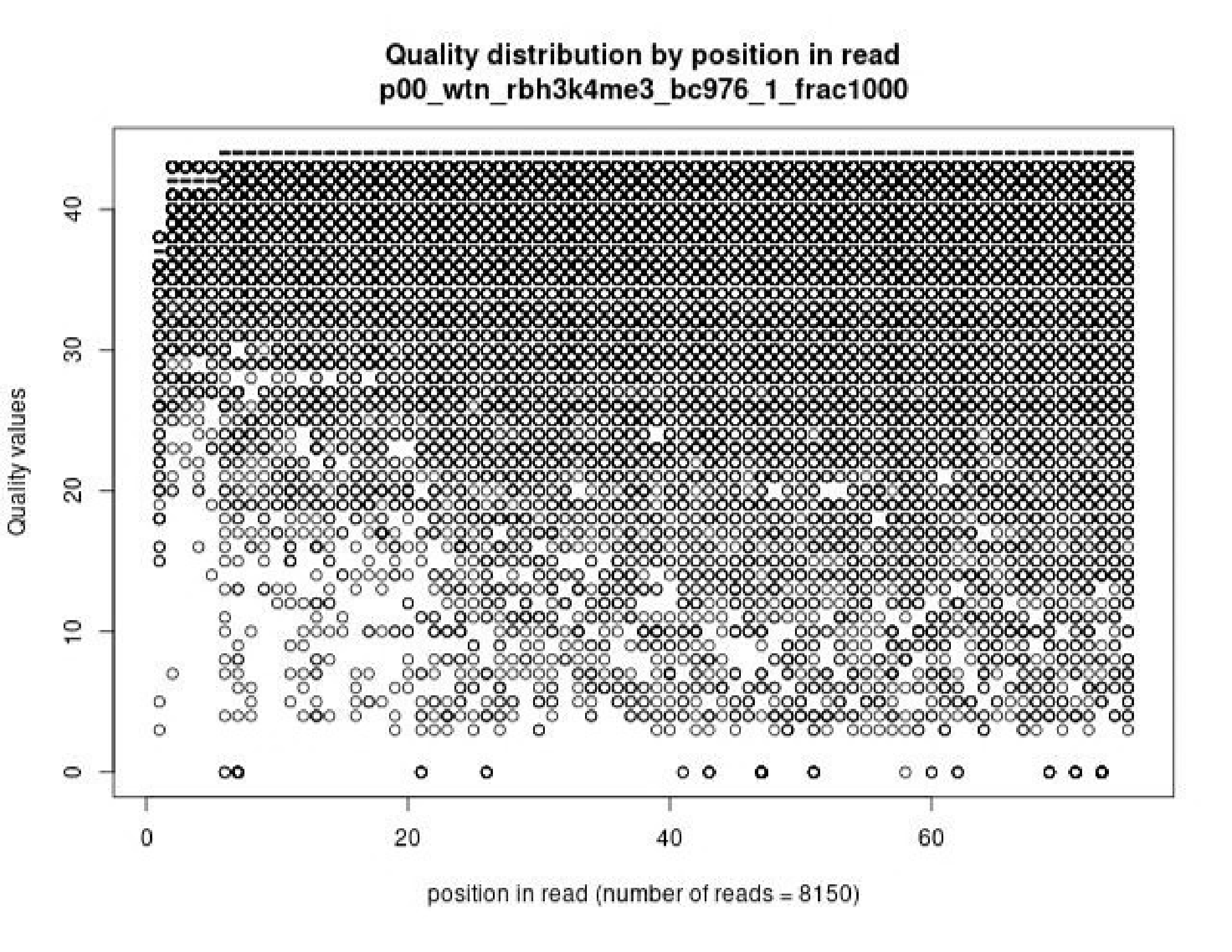

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc934_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6122)

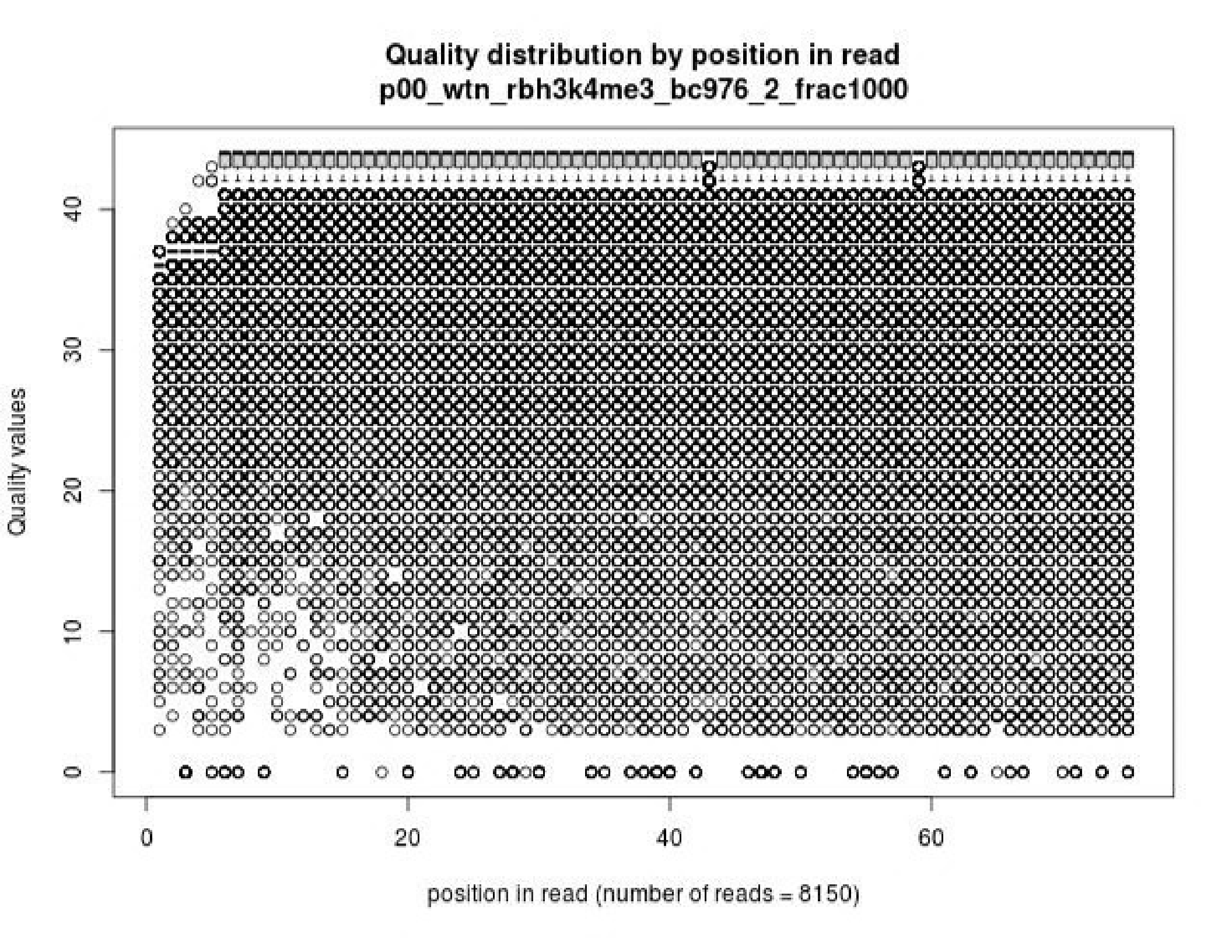

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc935_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 5767)

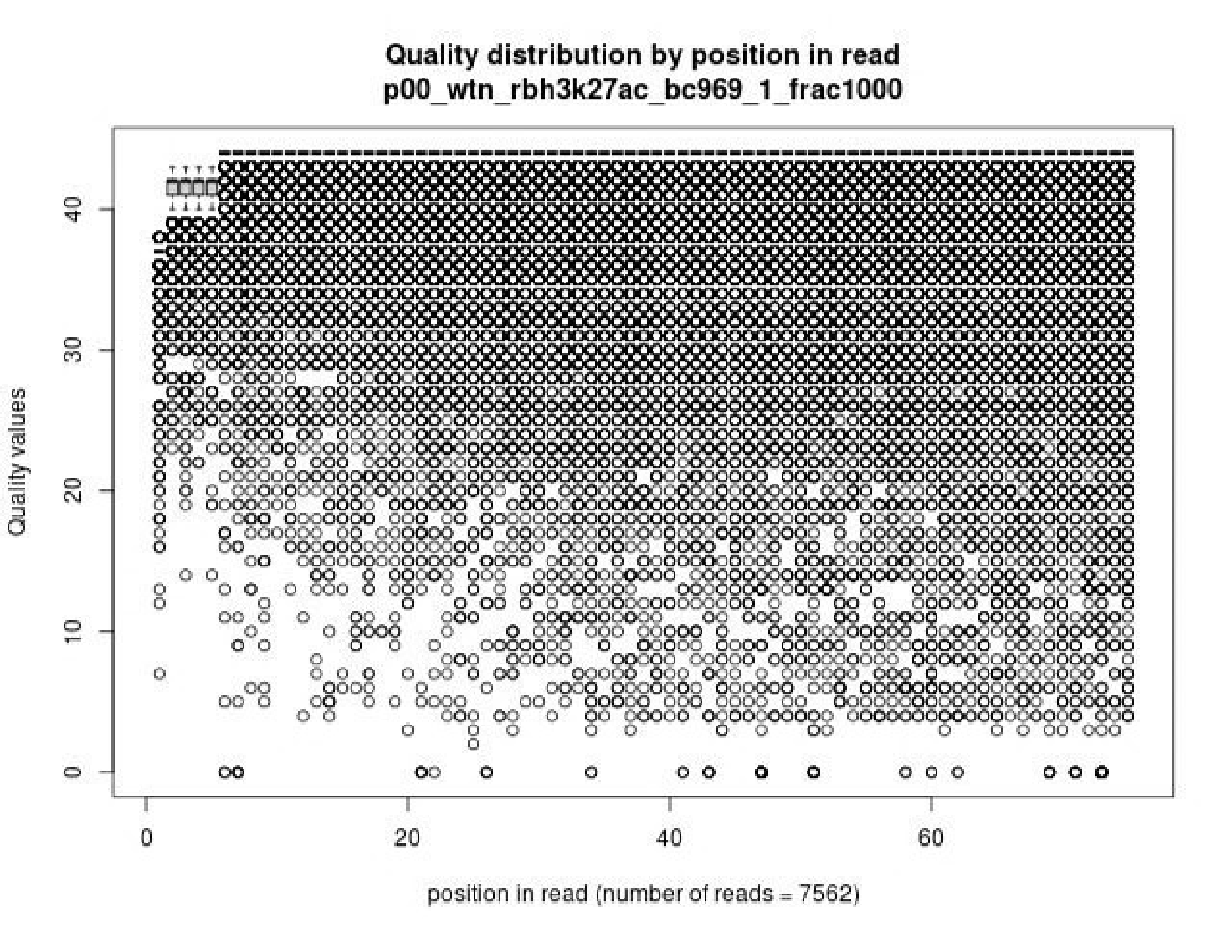

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc935_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 5767)

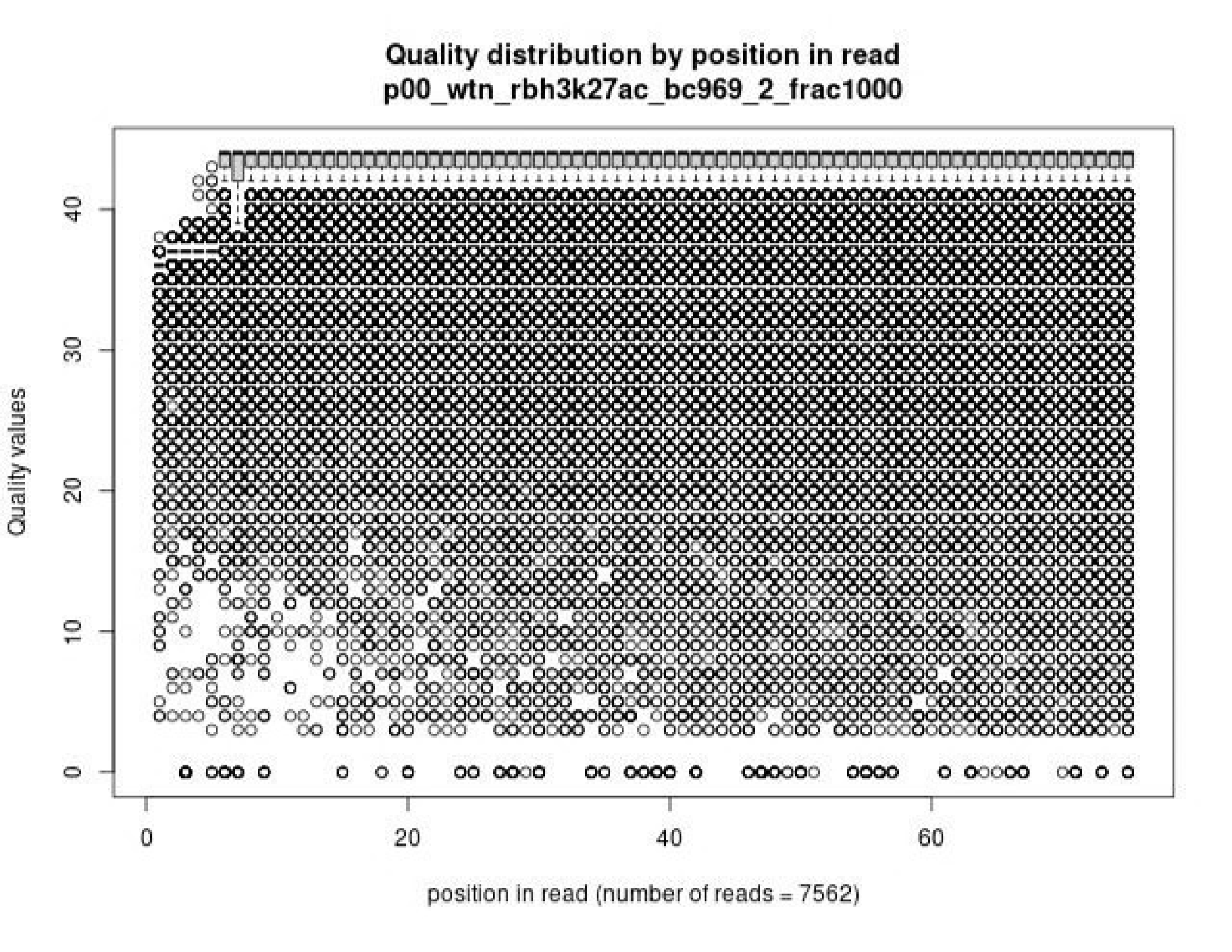

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc975_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9311)

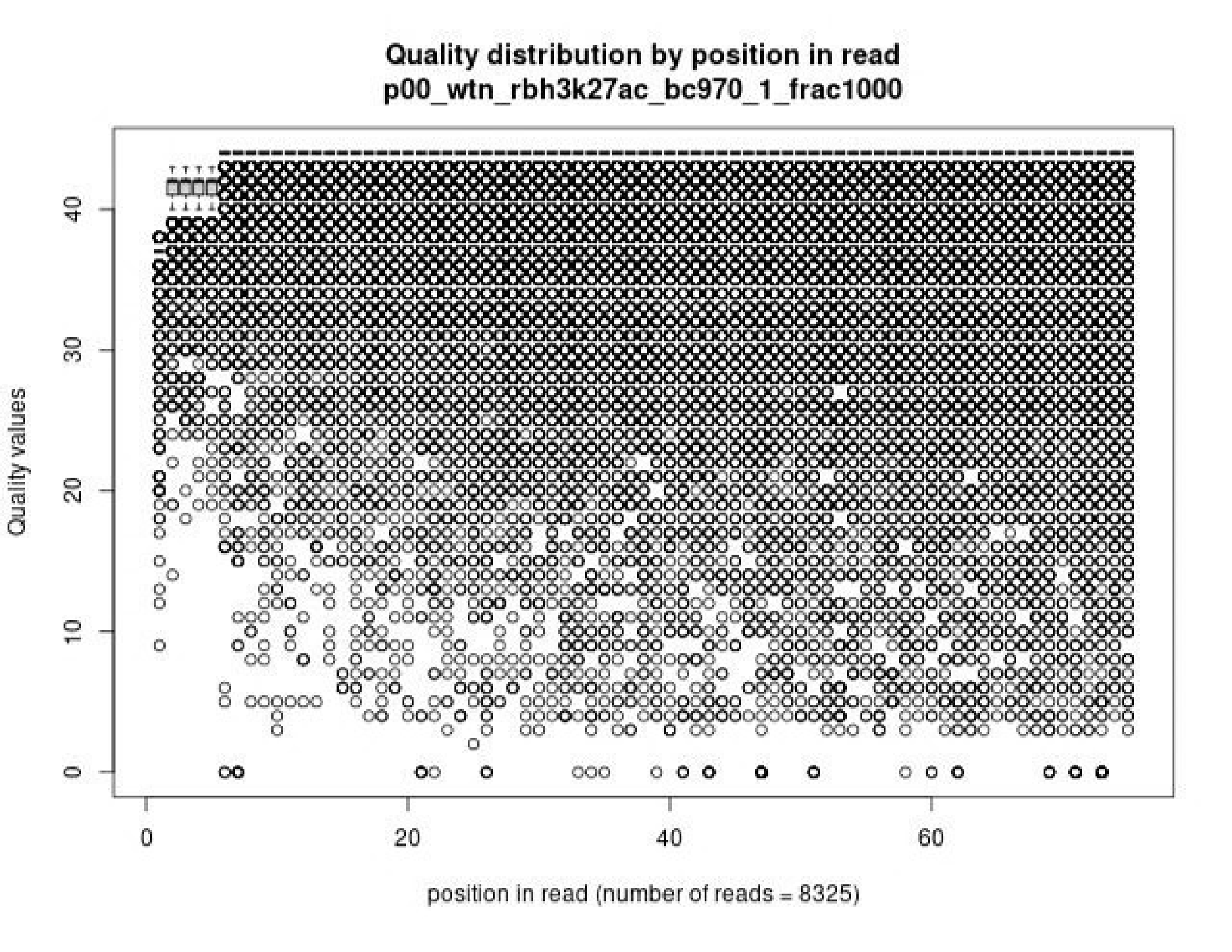

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc975_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9311)

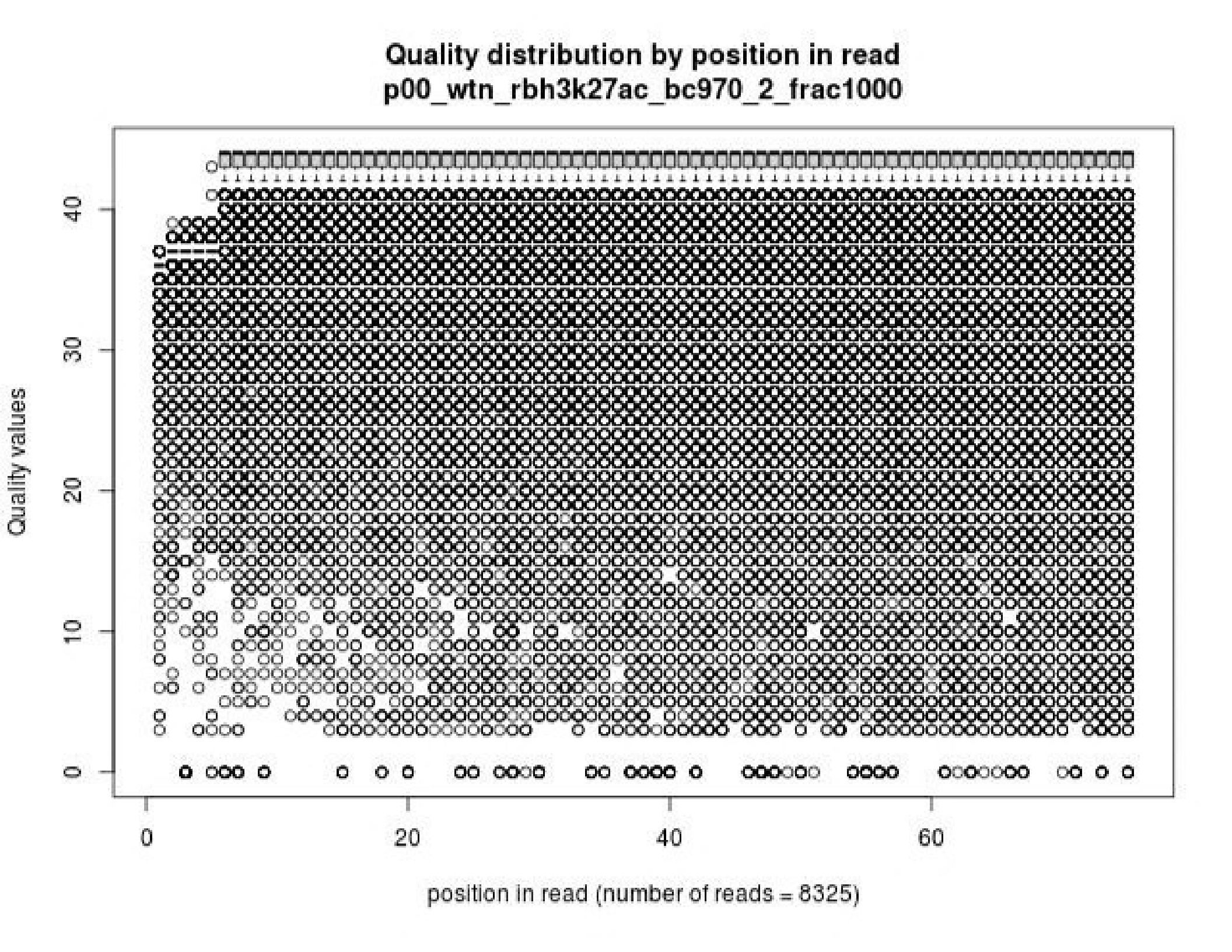

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc976_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8150)

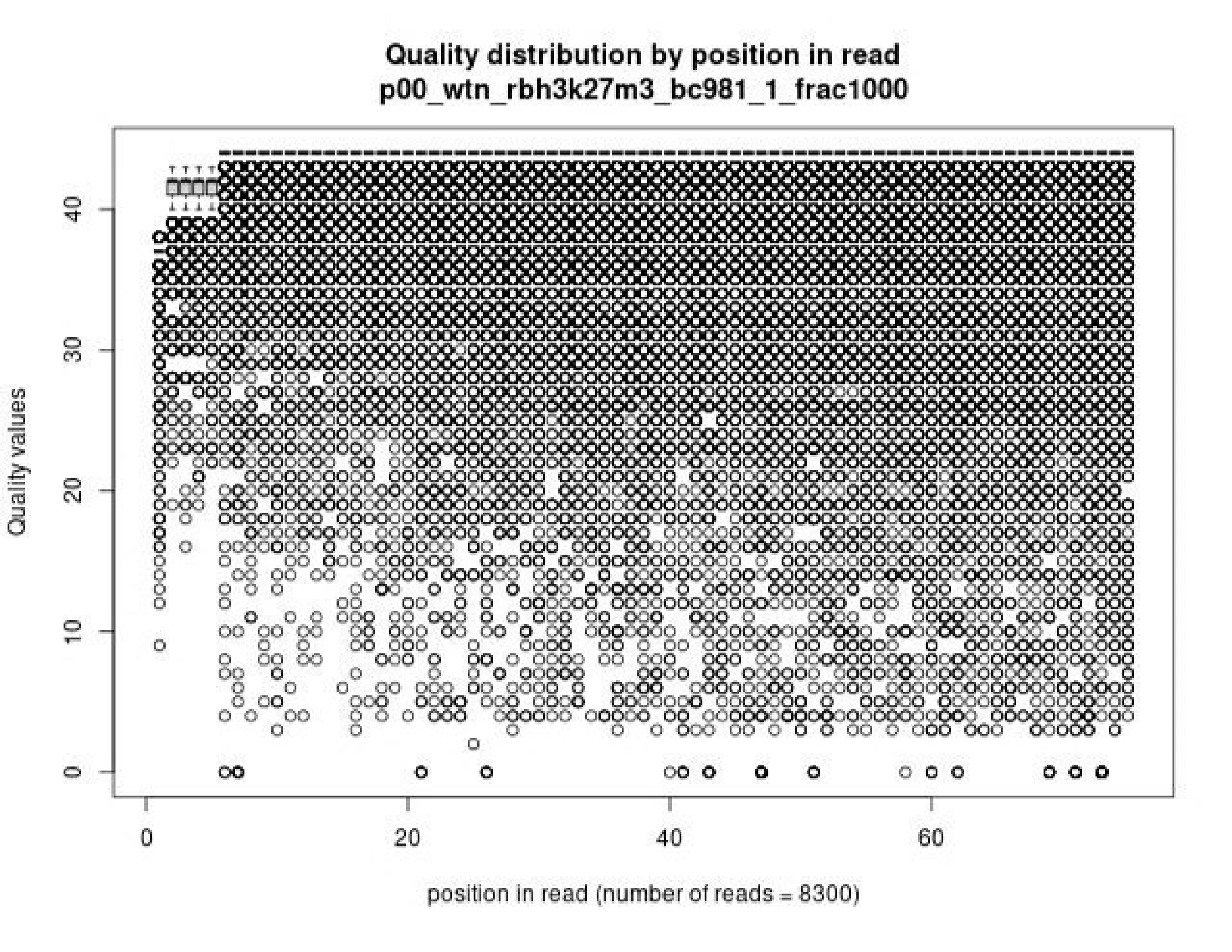

Quality distribution by position in read
p00_wtn_rbh3k4me3_bc976_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8150)

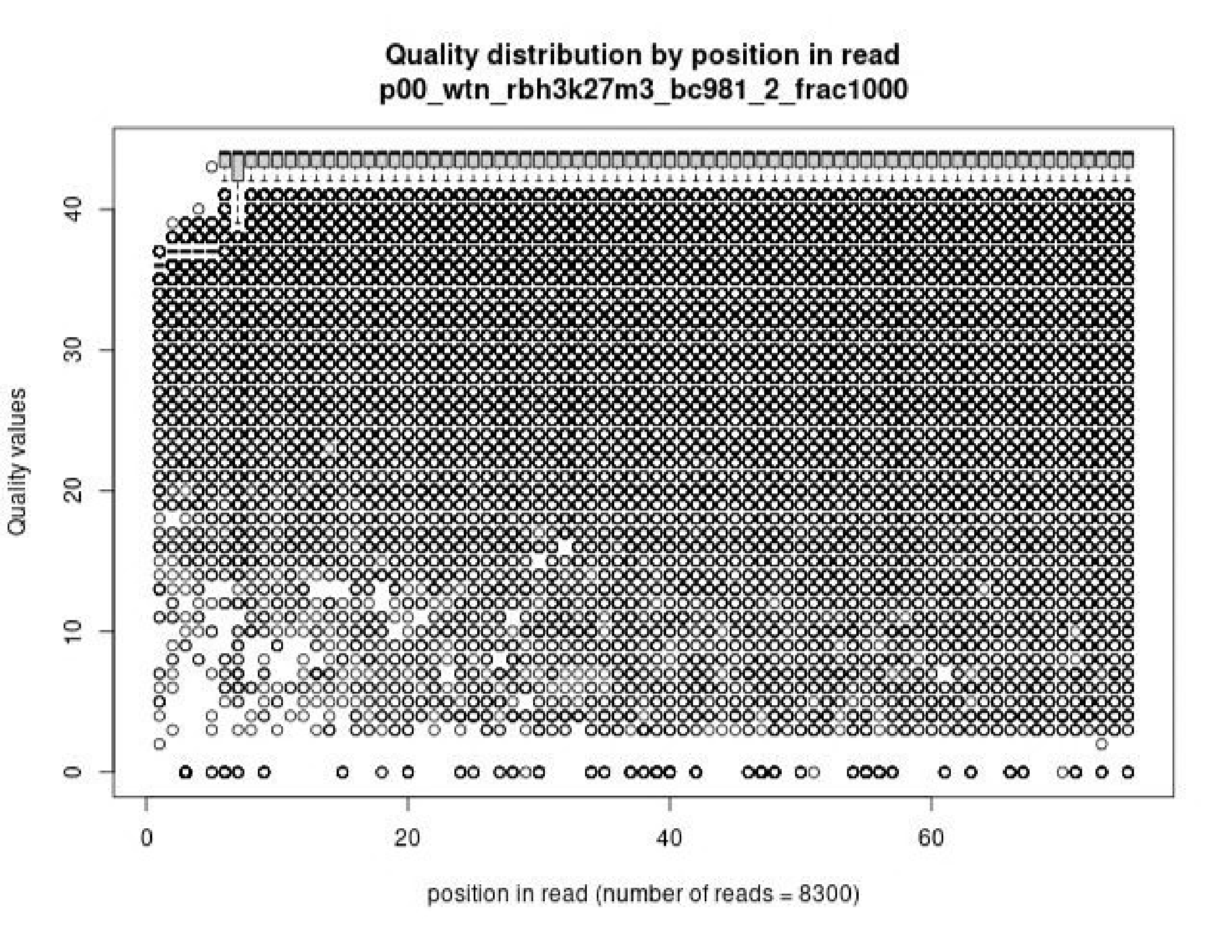

Quality distribution by position in read
p00_wtn_rbh3k27ac_bc969_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7562)

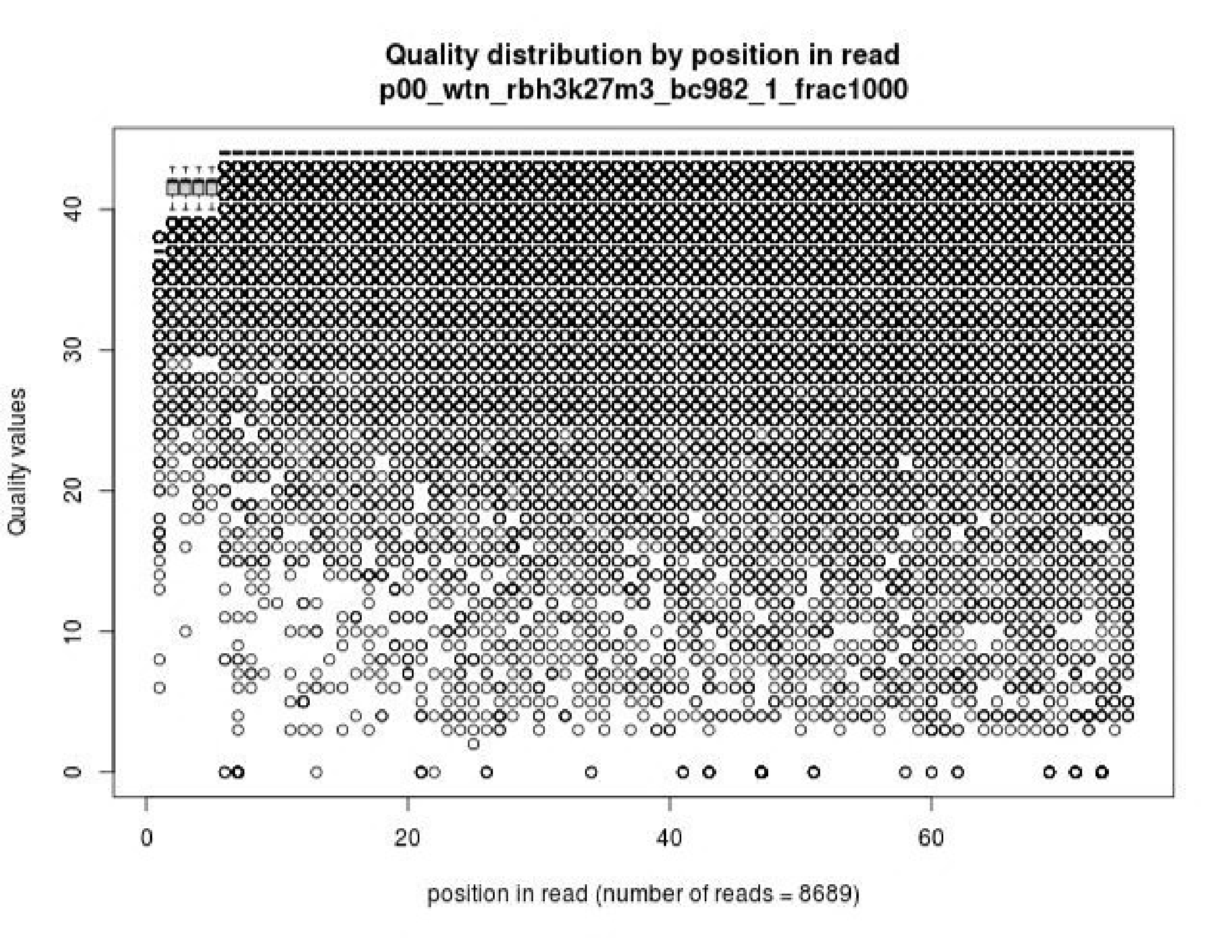

Quality distribution by position in read
p00_wtn_rbh3k27ac_bc969_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7562)

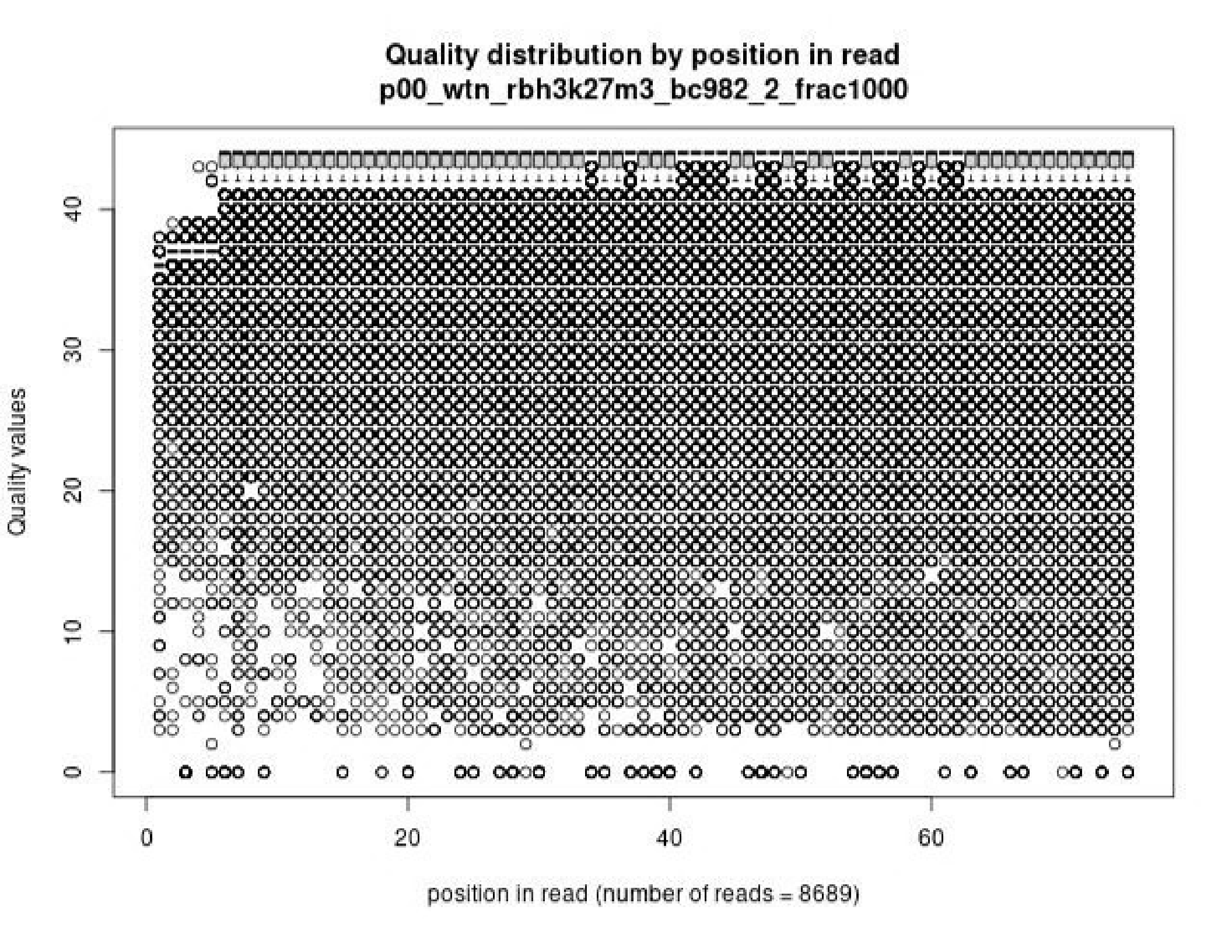

Quality distribution by position in read
p00_wtn_rbh3k27ac_bc970_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8325)

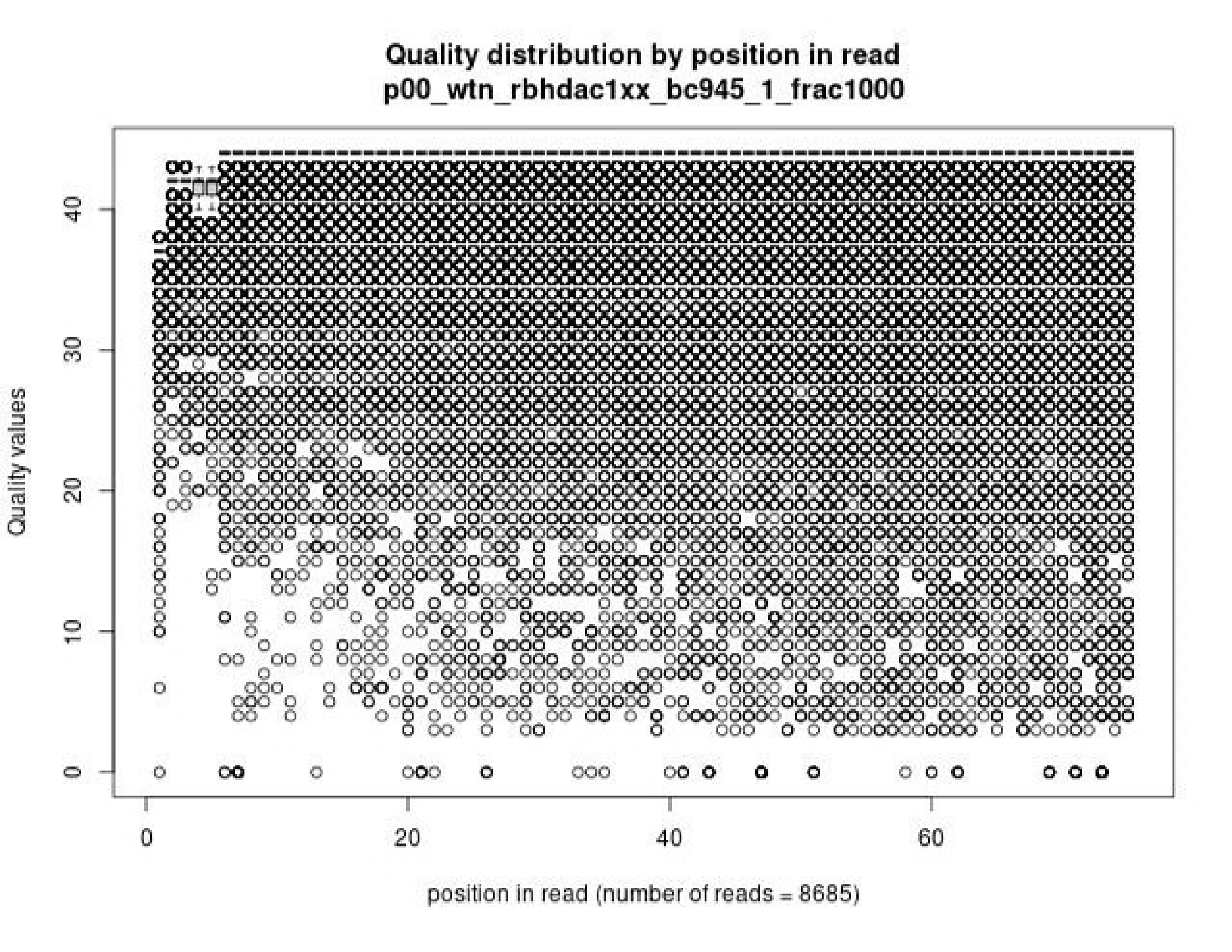

Quality distribution by position in read
p00_wtn_rbh3k27ac_bc970_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8325)

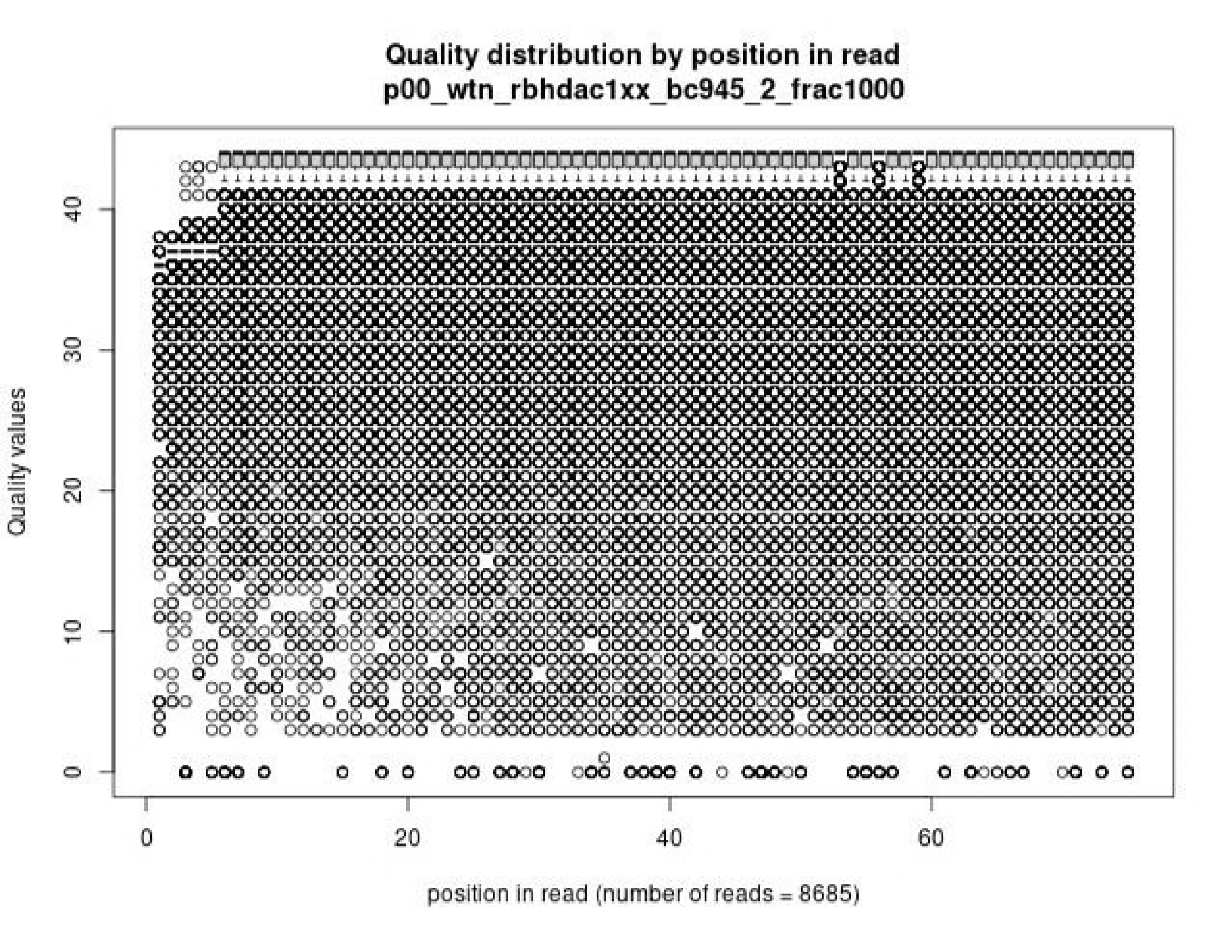

Quality distribution by position in read
p00_wtn_rbh3k27m3_bc981_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8300)

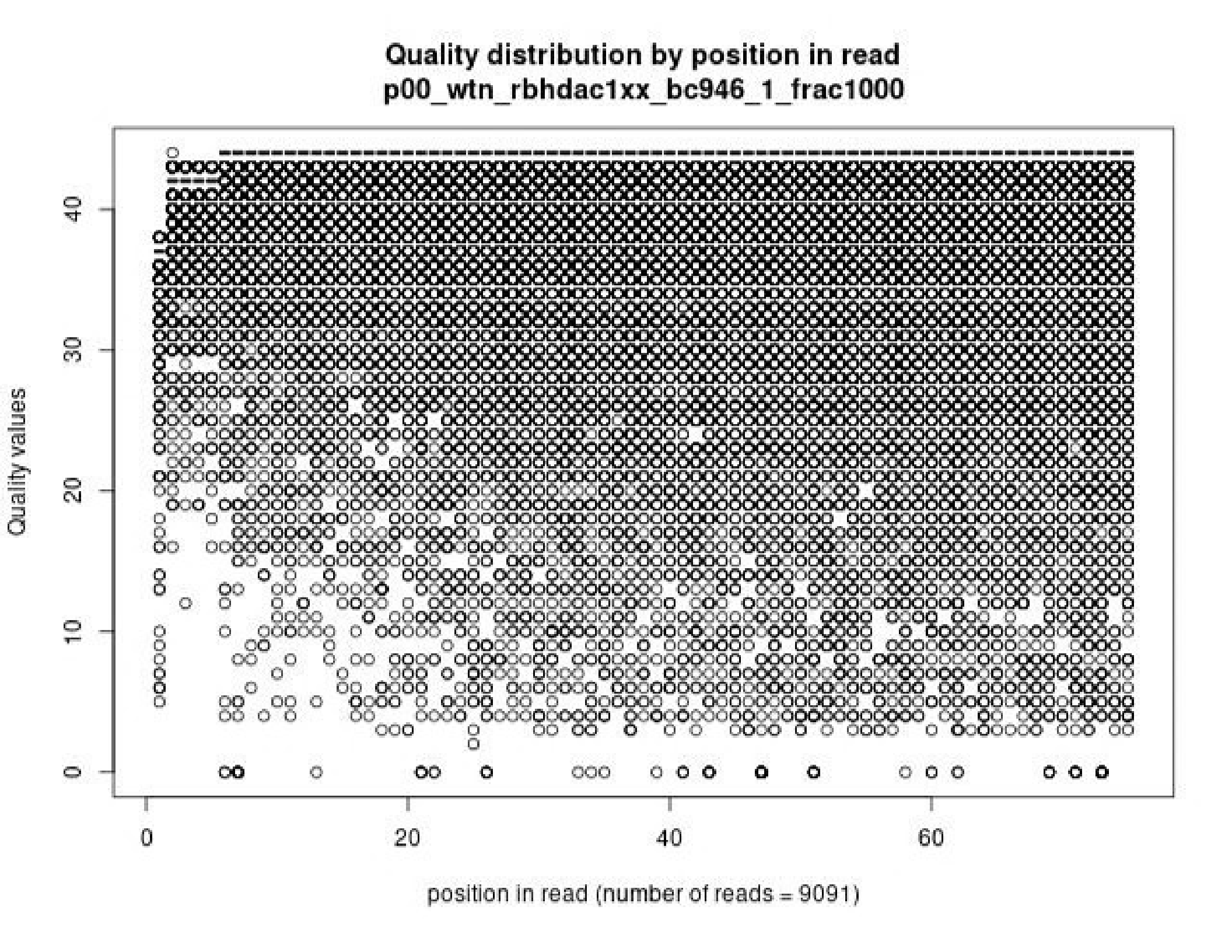

Quality distribution by position in read
p00_wtn_rbh3k27m3_bc981_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8300)

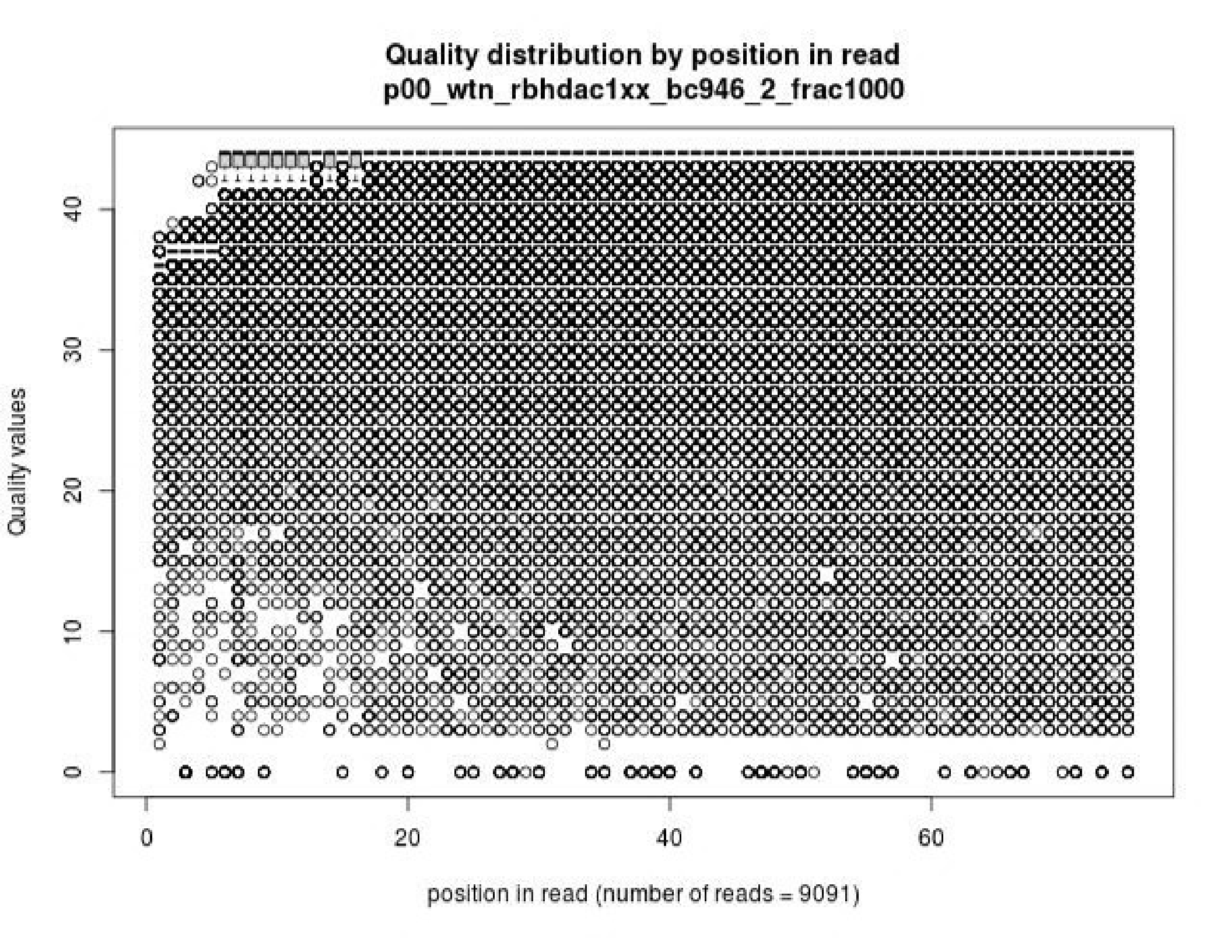

Quality distribution by position in read
p00_wtn_rbh3k27m3_bc982_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8689)

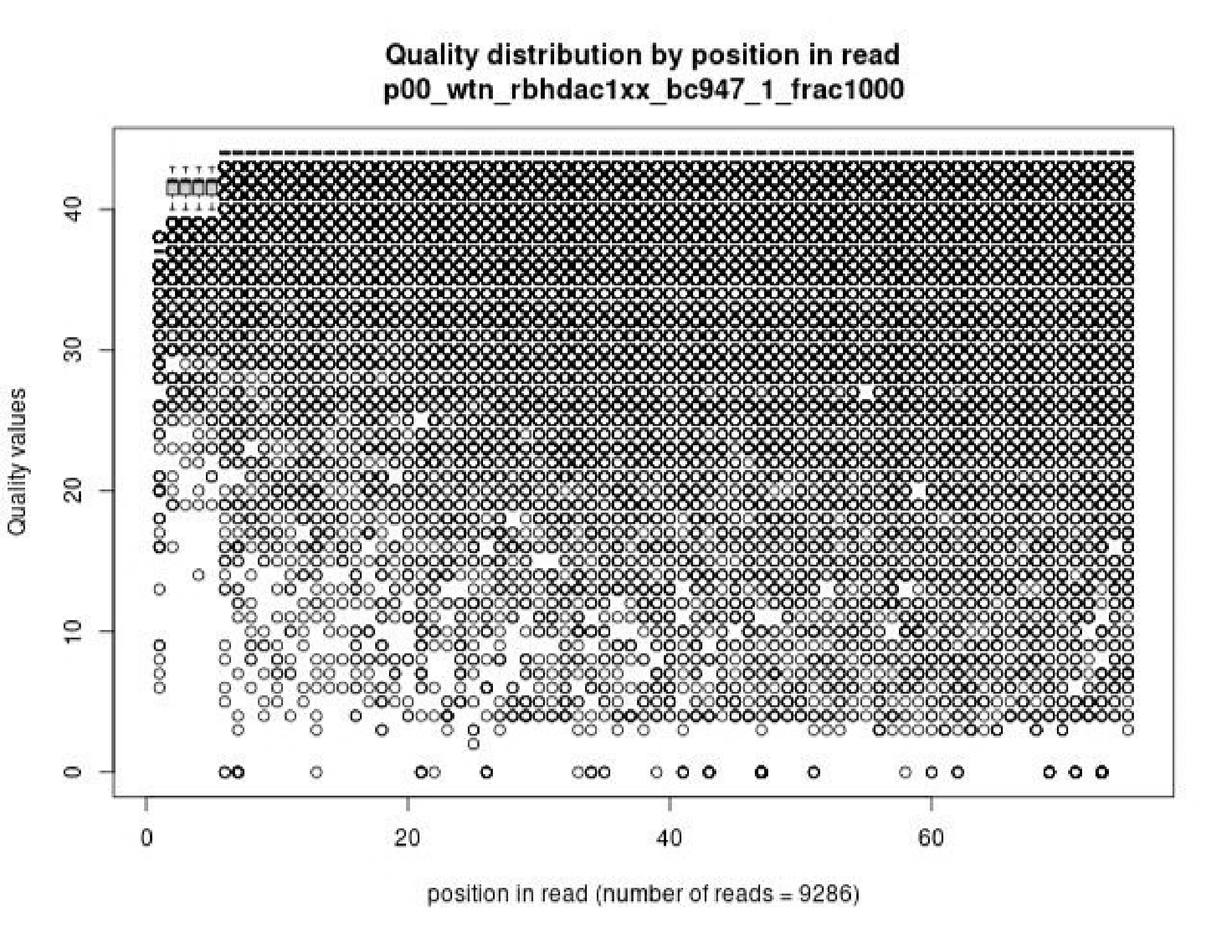

Quality distribution by position in read
p00_wtn_rbh3k27m3_bc982_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8689)

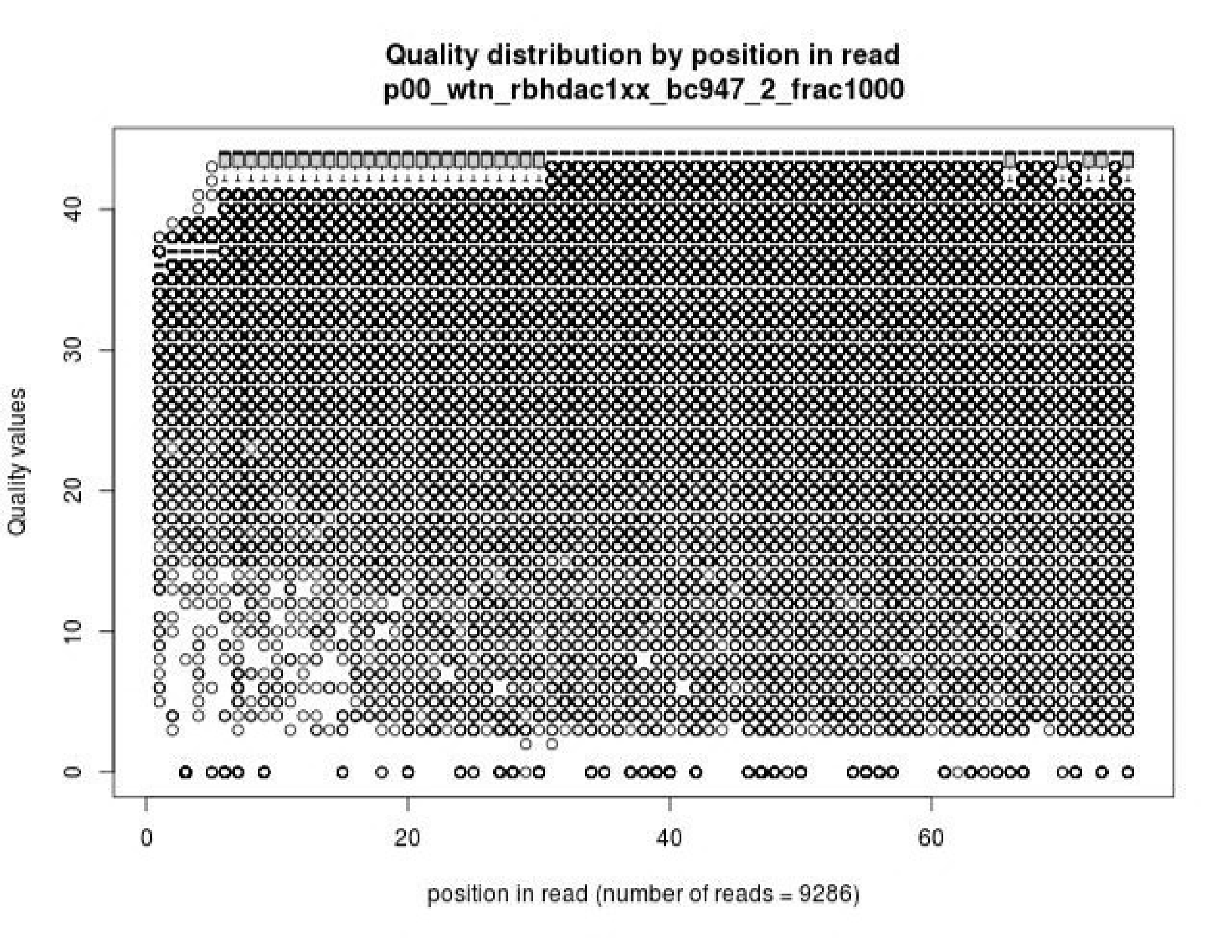

Quality distribution by position in read
p00_wtn_rbhdac1xx_bc945_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8685)

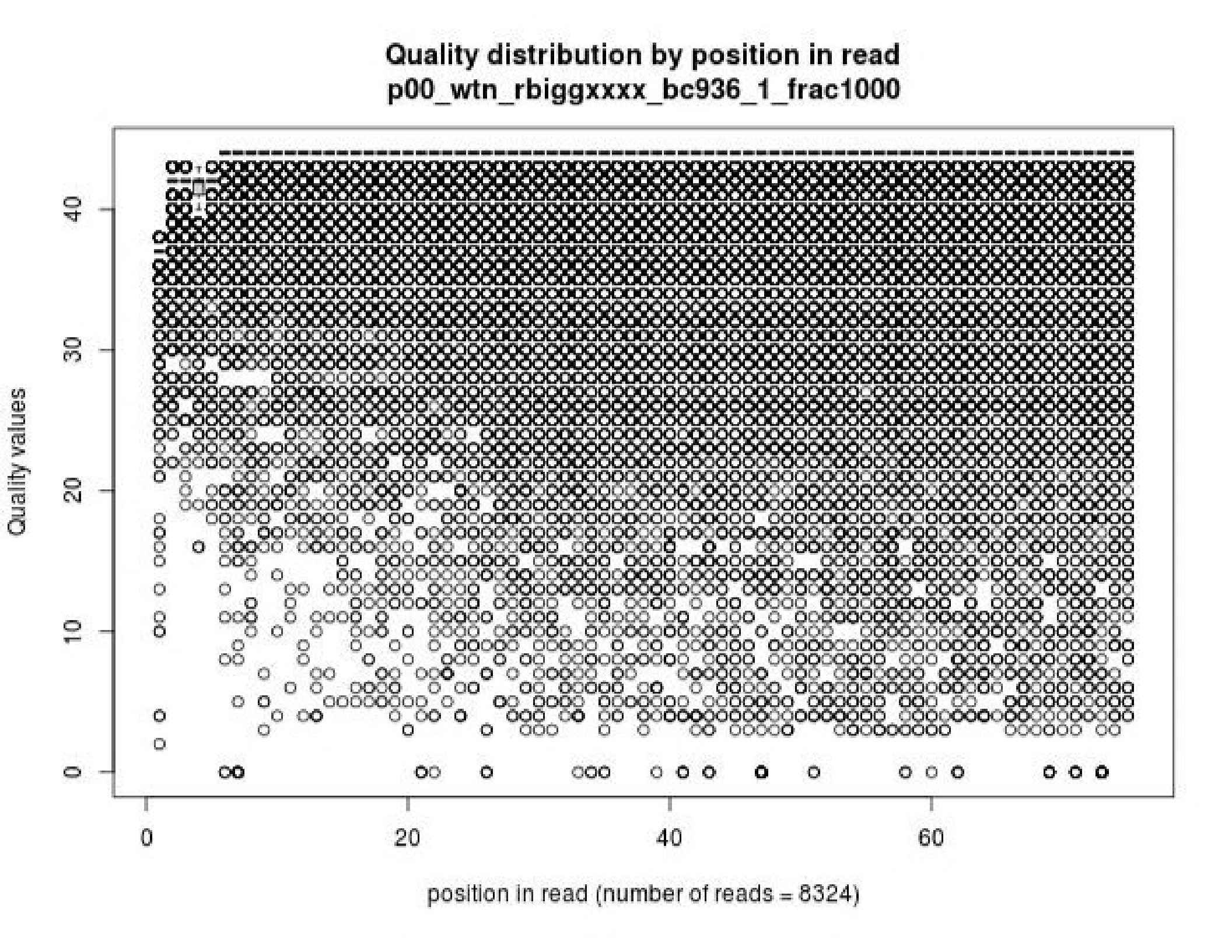

Quality distribution by position in read
p00_wtn_rbhdac1xx_bc945_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8685)

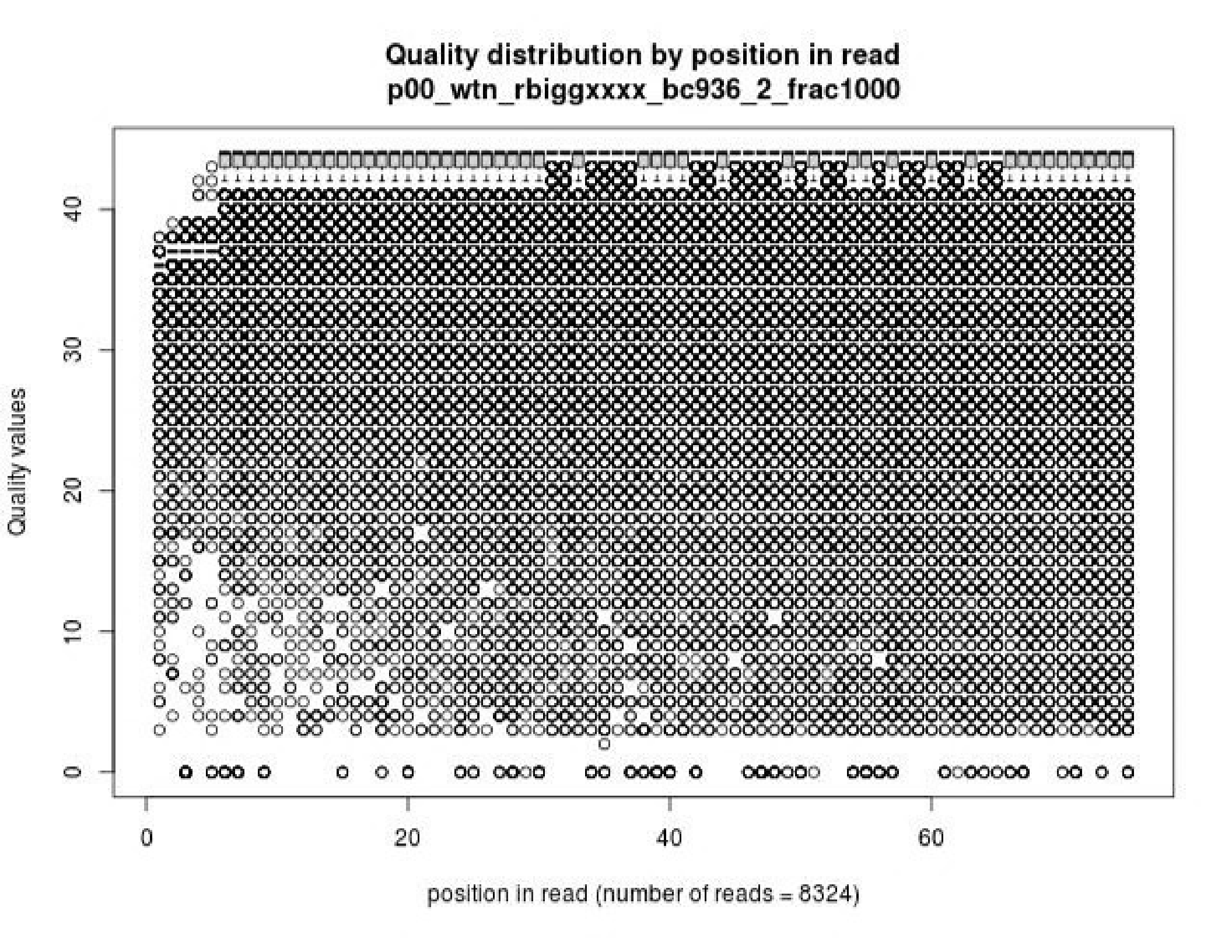

Quality distribution by position in read
p00_wtn_rbhdac1xx_bc946_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9091)

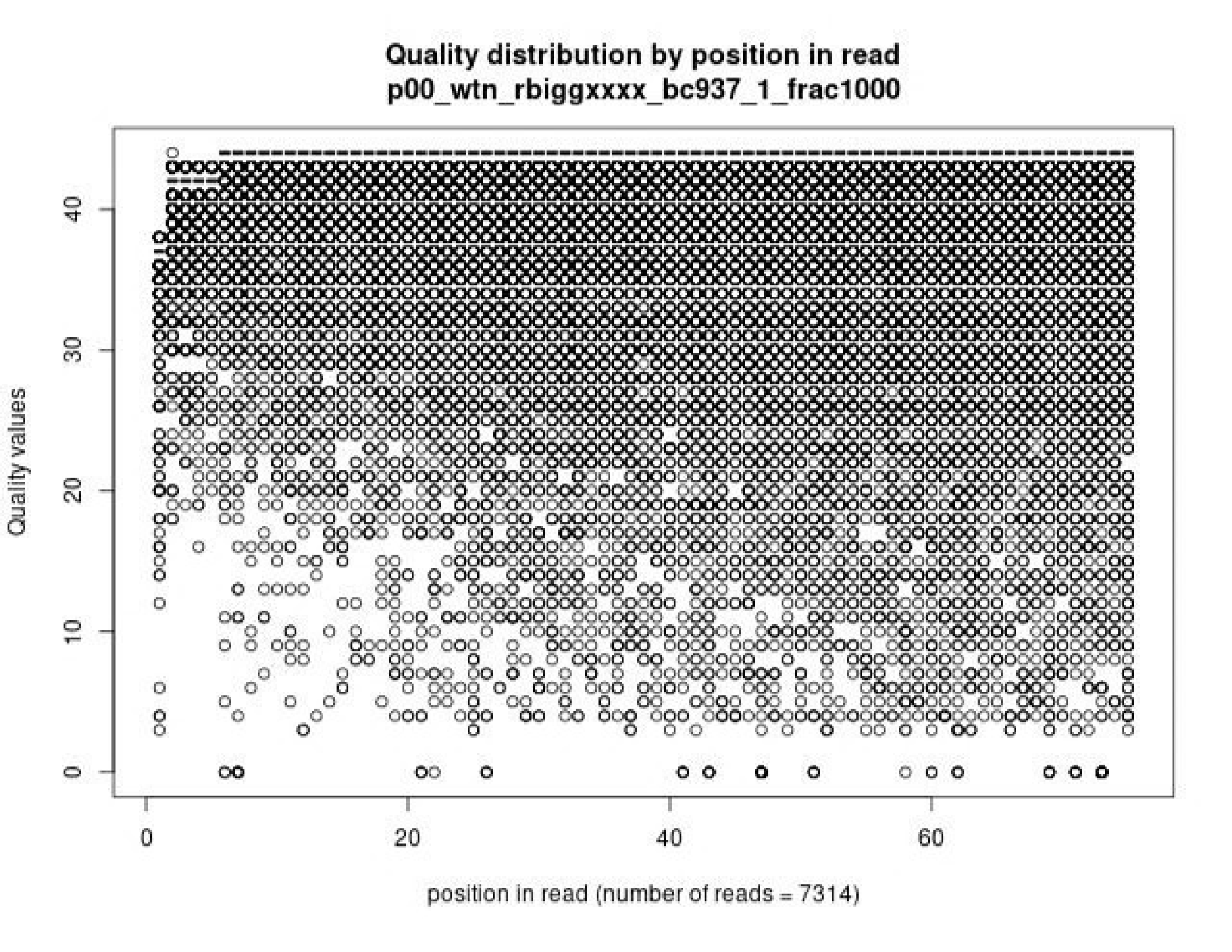

Quality distribution by position in read
p00_wtn_rbhdac1xx_bc946_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9091)

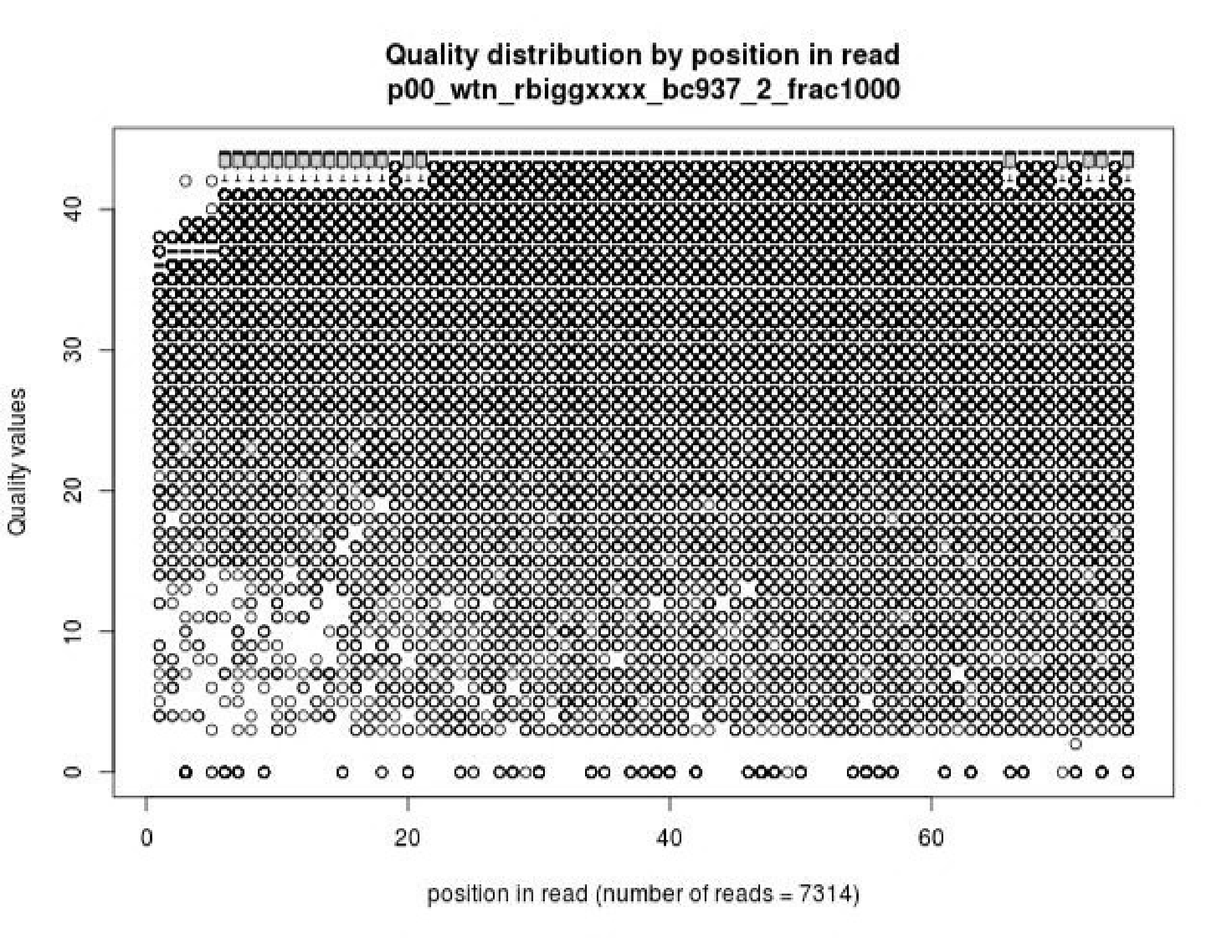

Quality distribution by position in read
p00_wtn_rbhdac1xx_bc947_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9286)

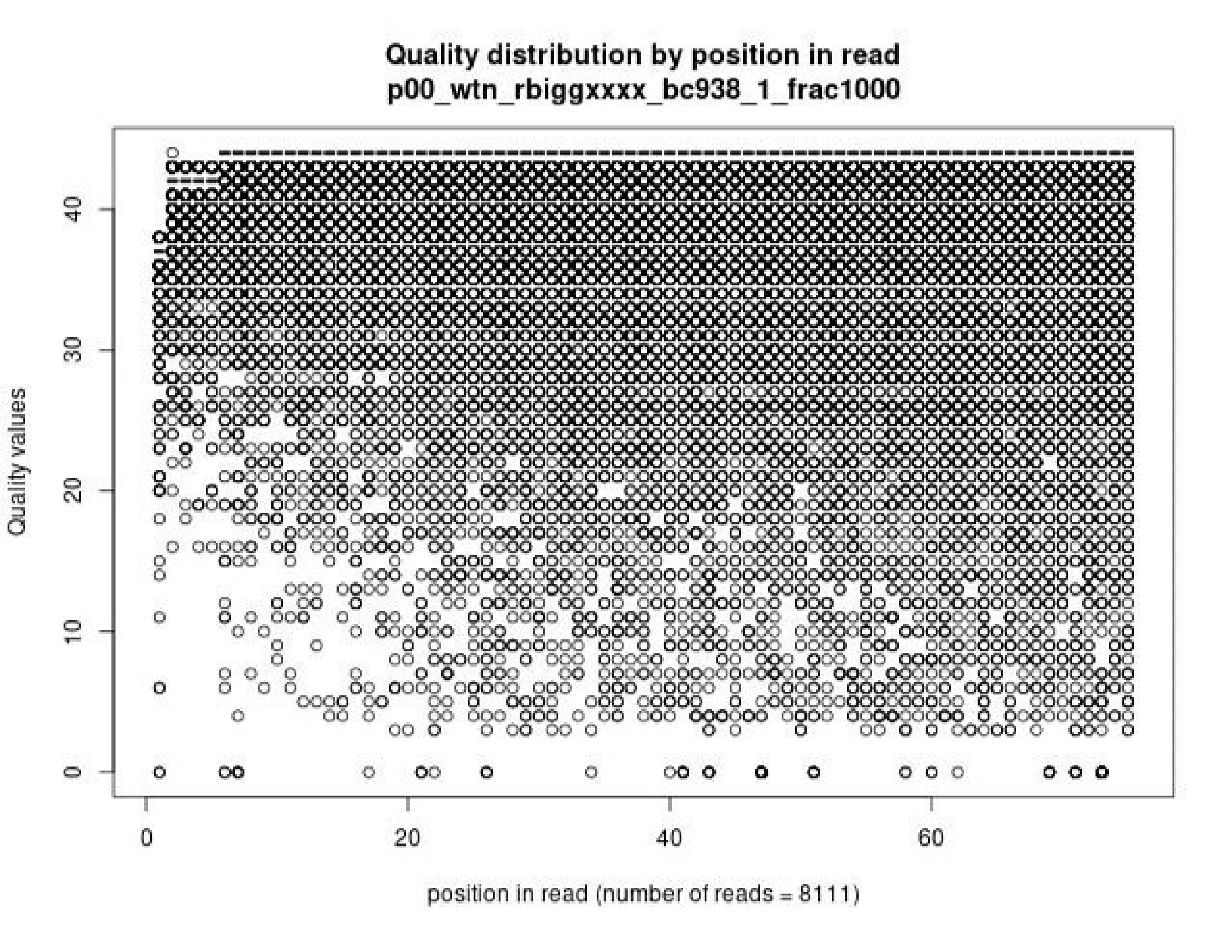

Quality distribution by position in read
p00_wtn_rbhdac1xx_bc947_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9286)

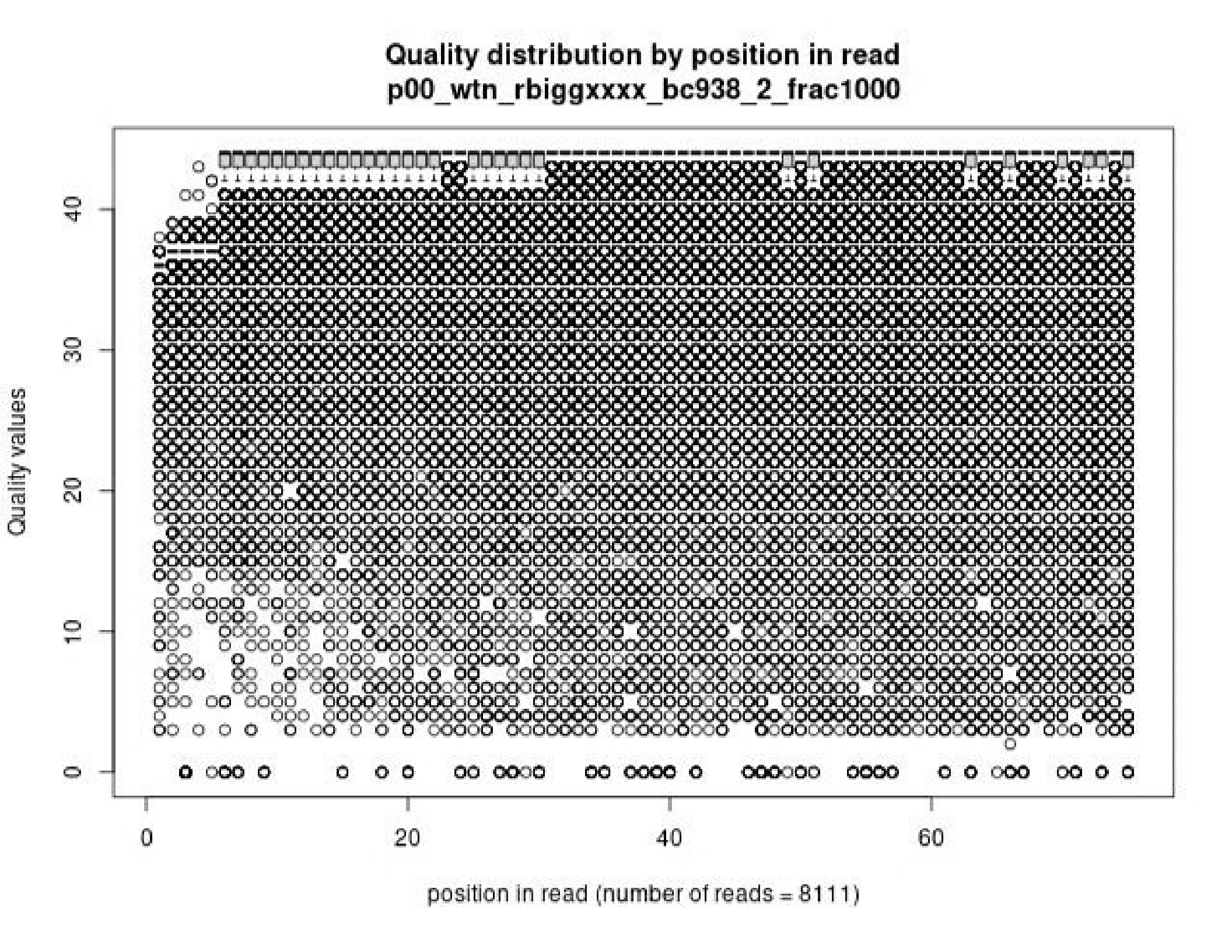

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc936_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8324)

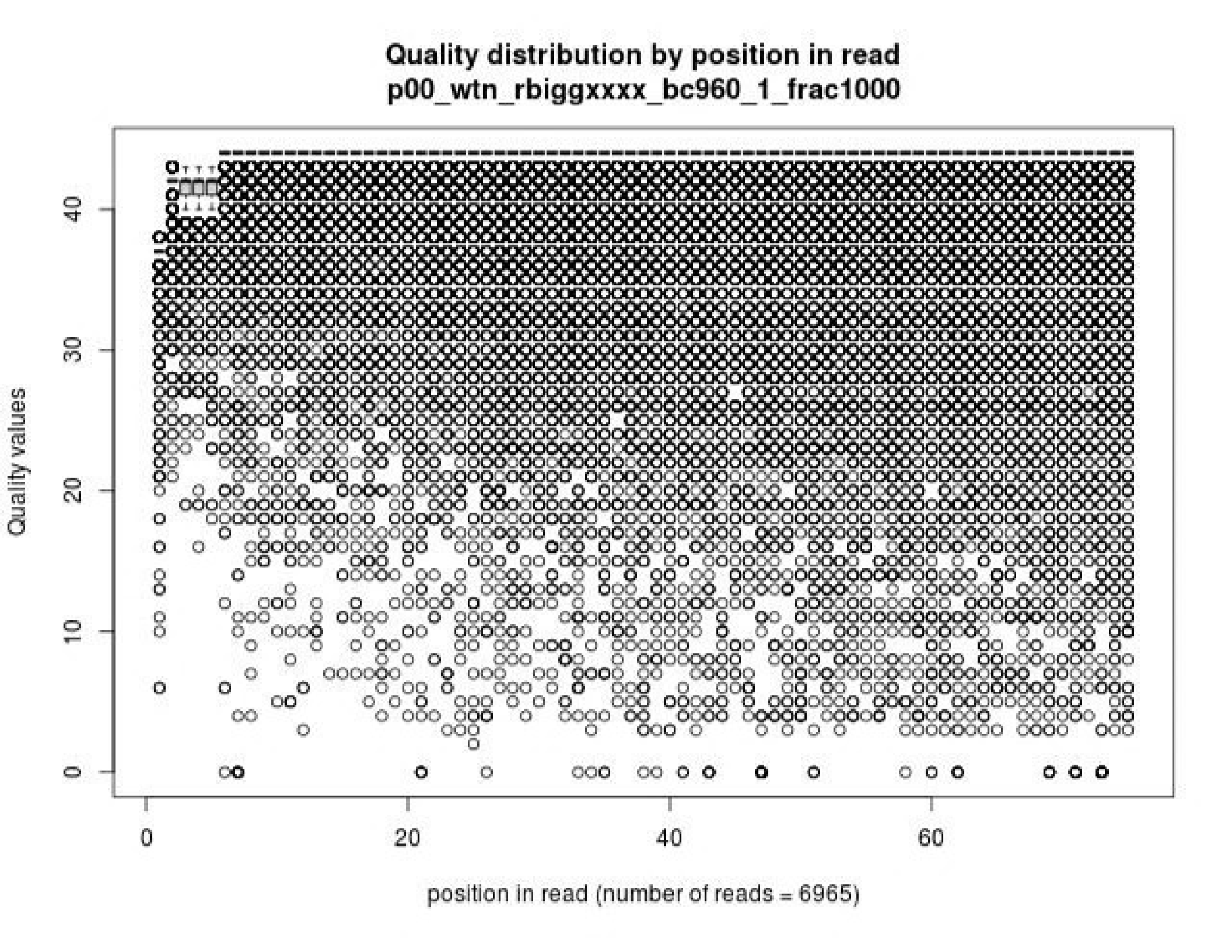

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc936_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8324)

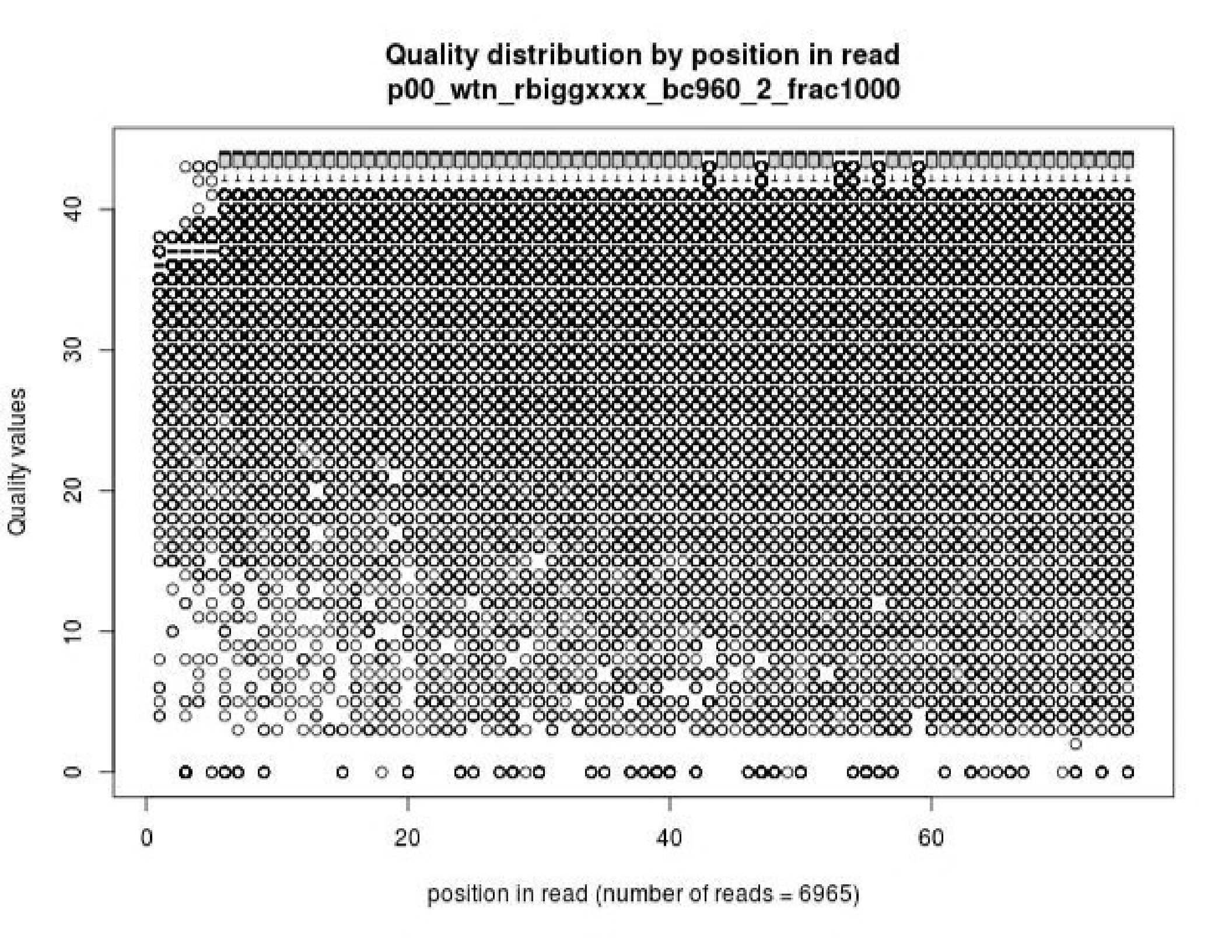

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc937_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7314)

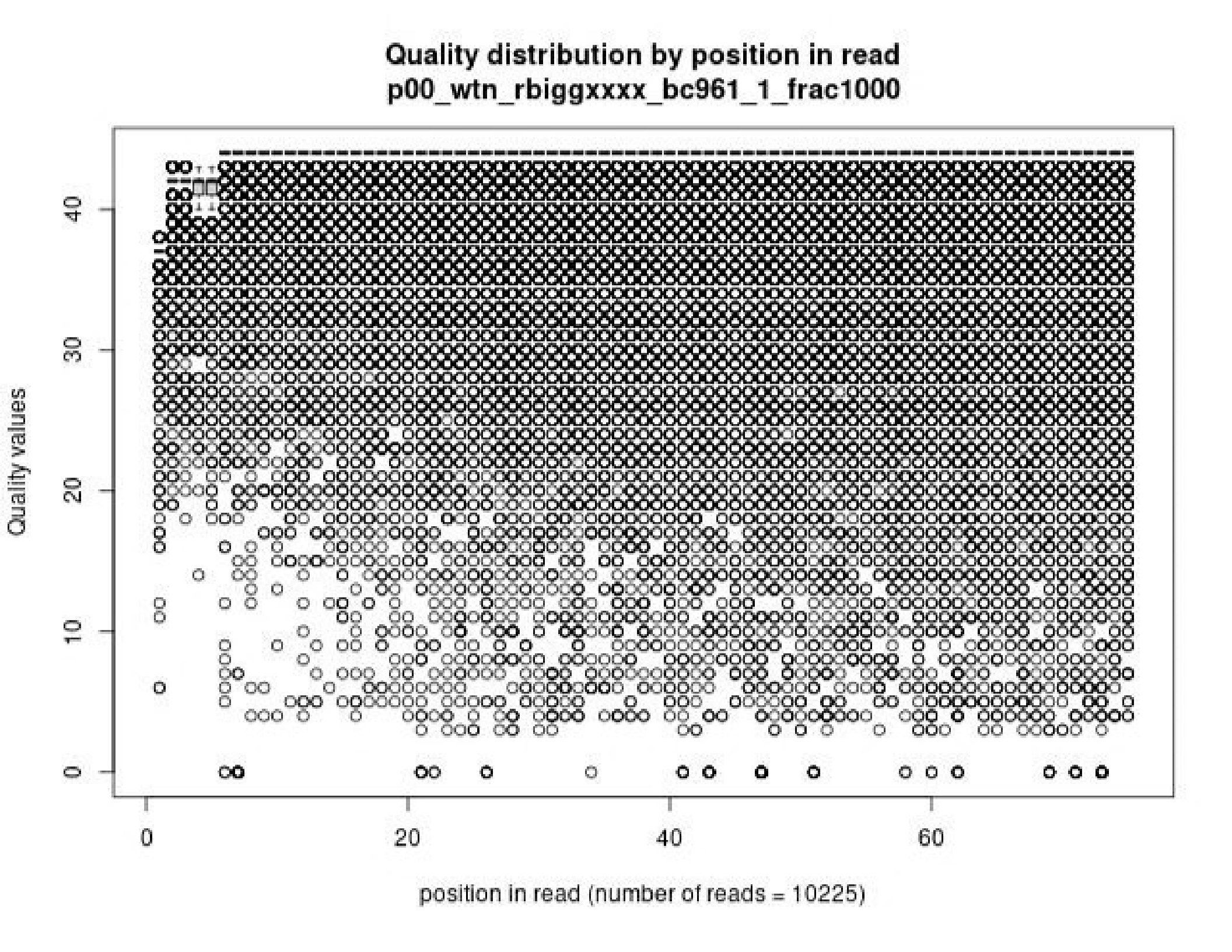

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc937_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7314)

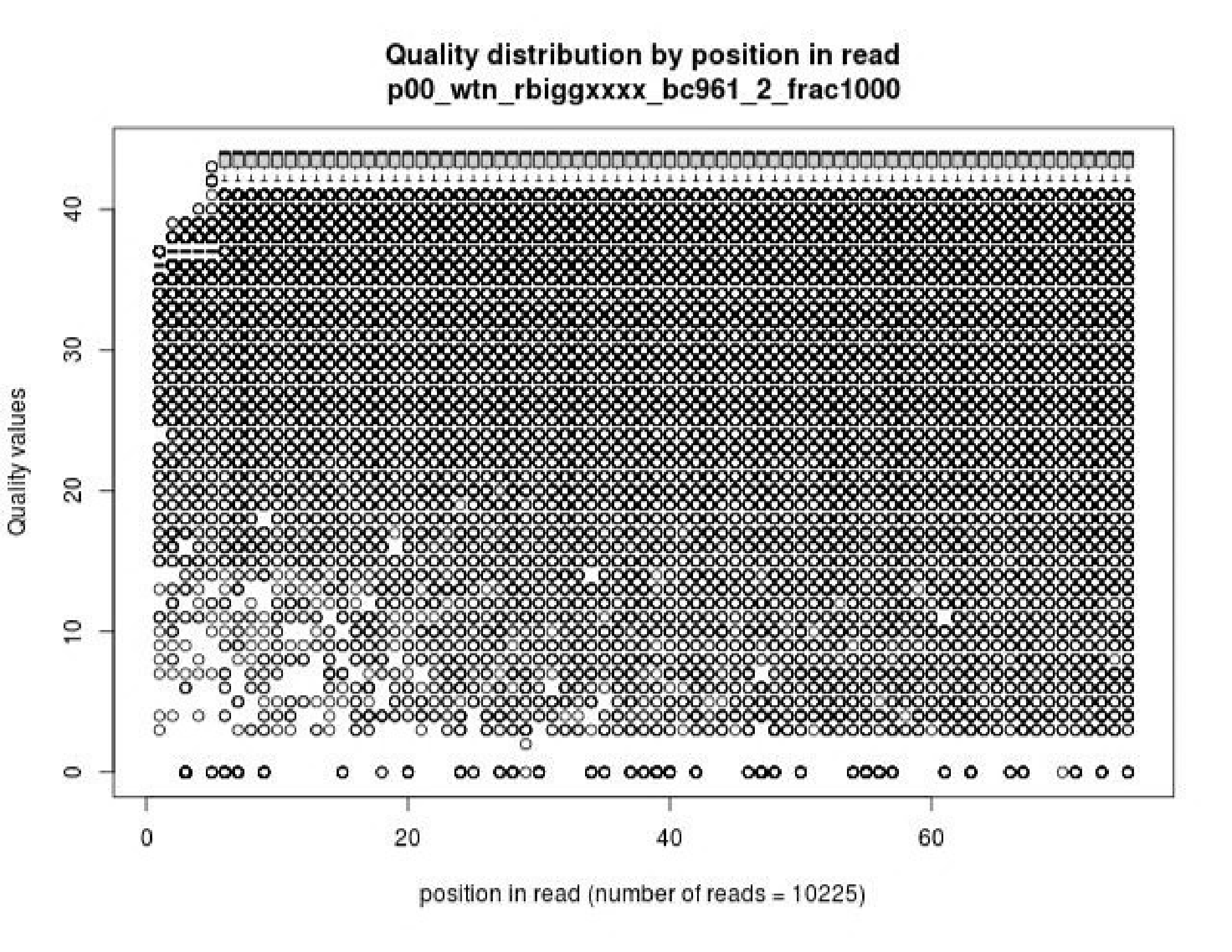

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc938_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8111)

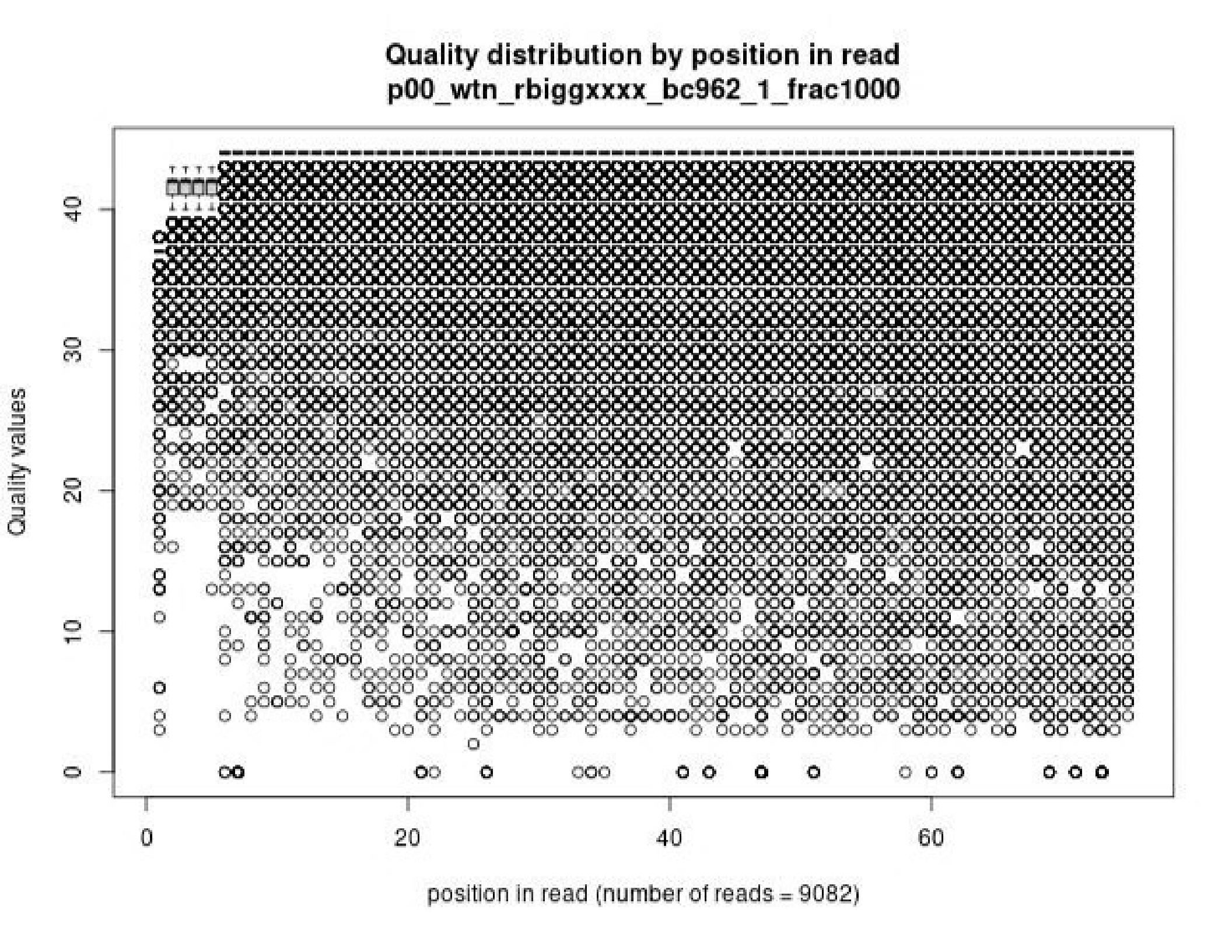

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc938_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8111)

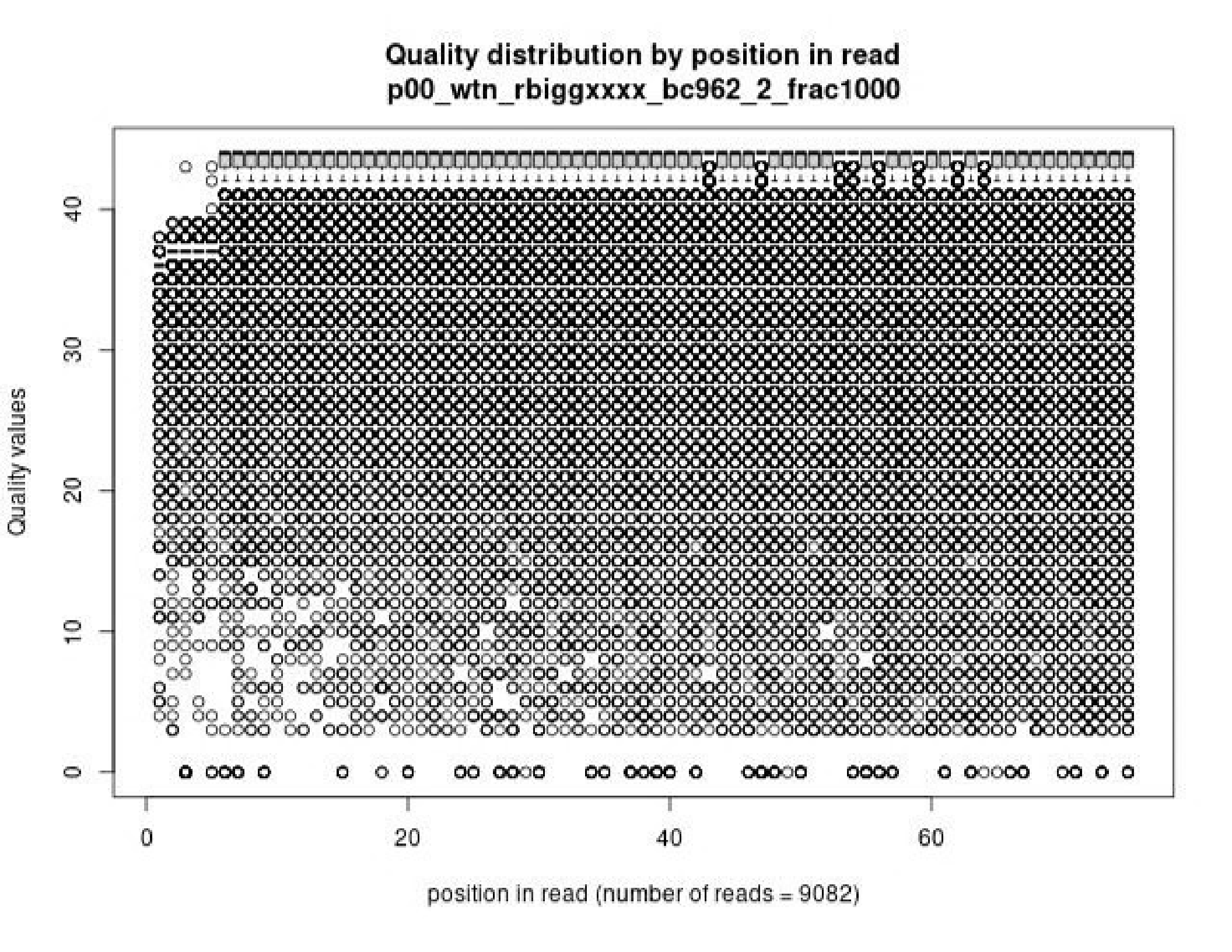

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc960_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6965)

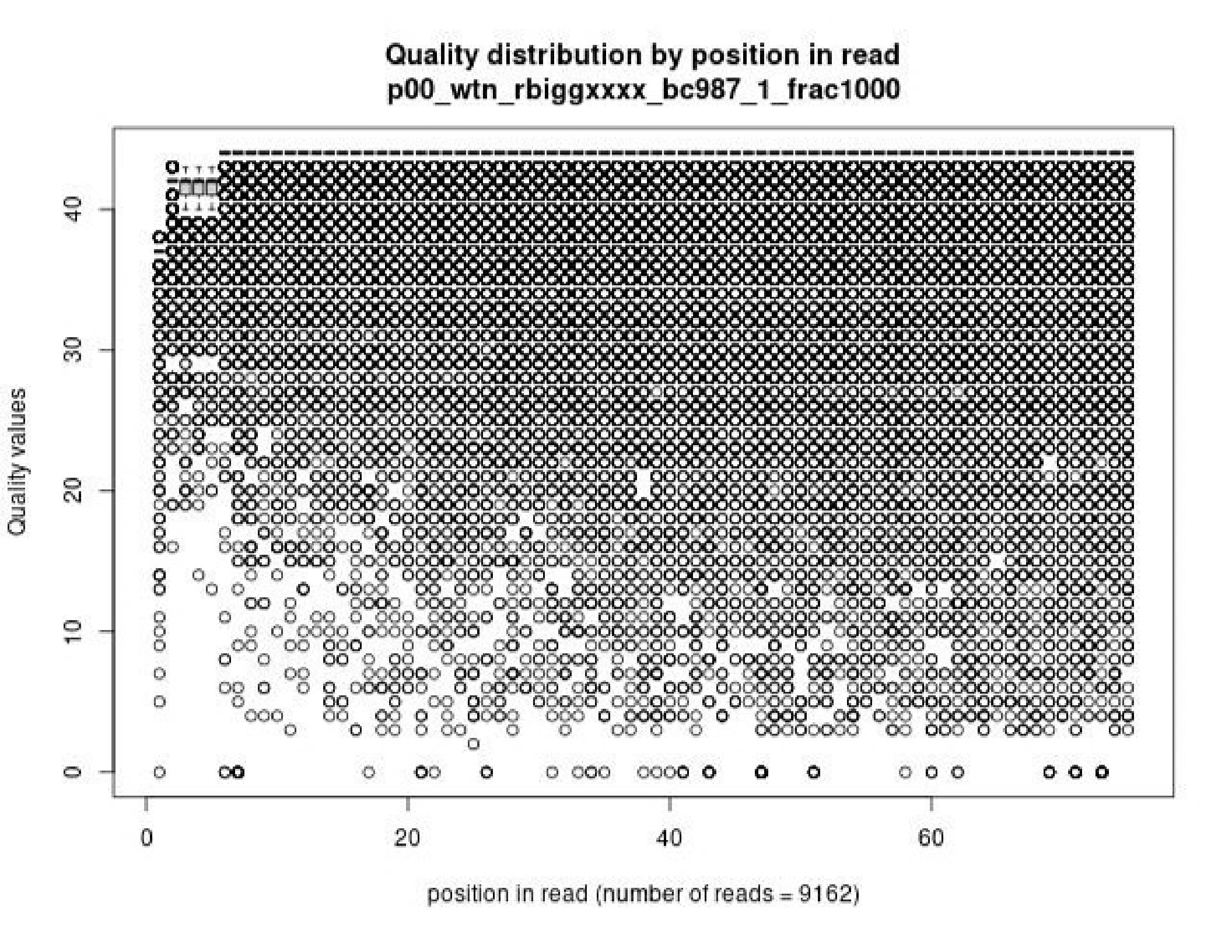

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc960_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6965)

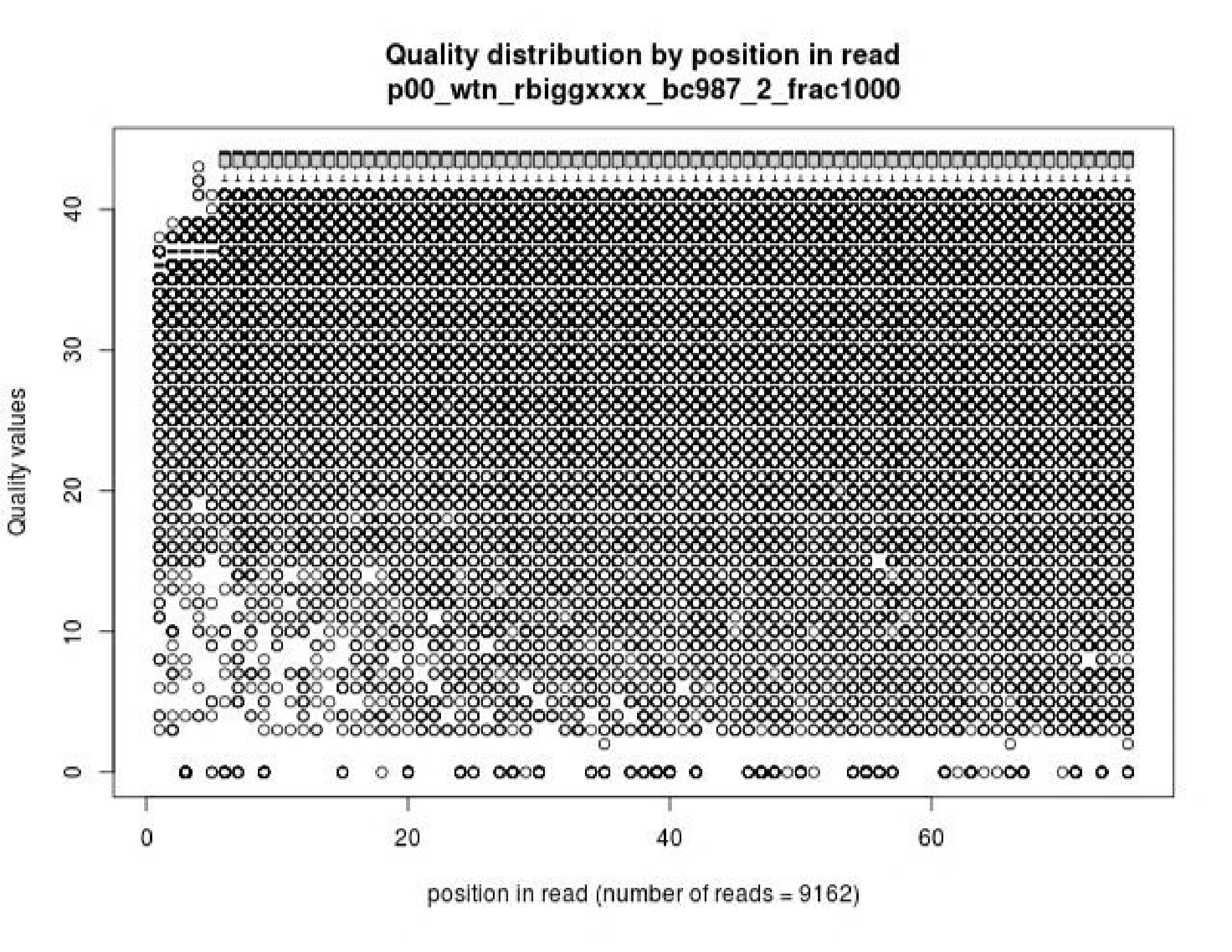

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc961_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10225)

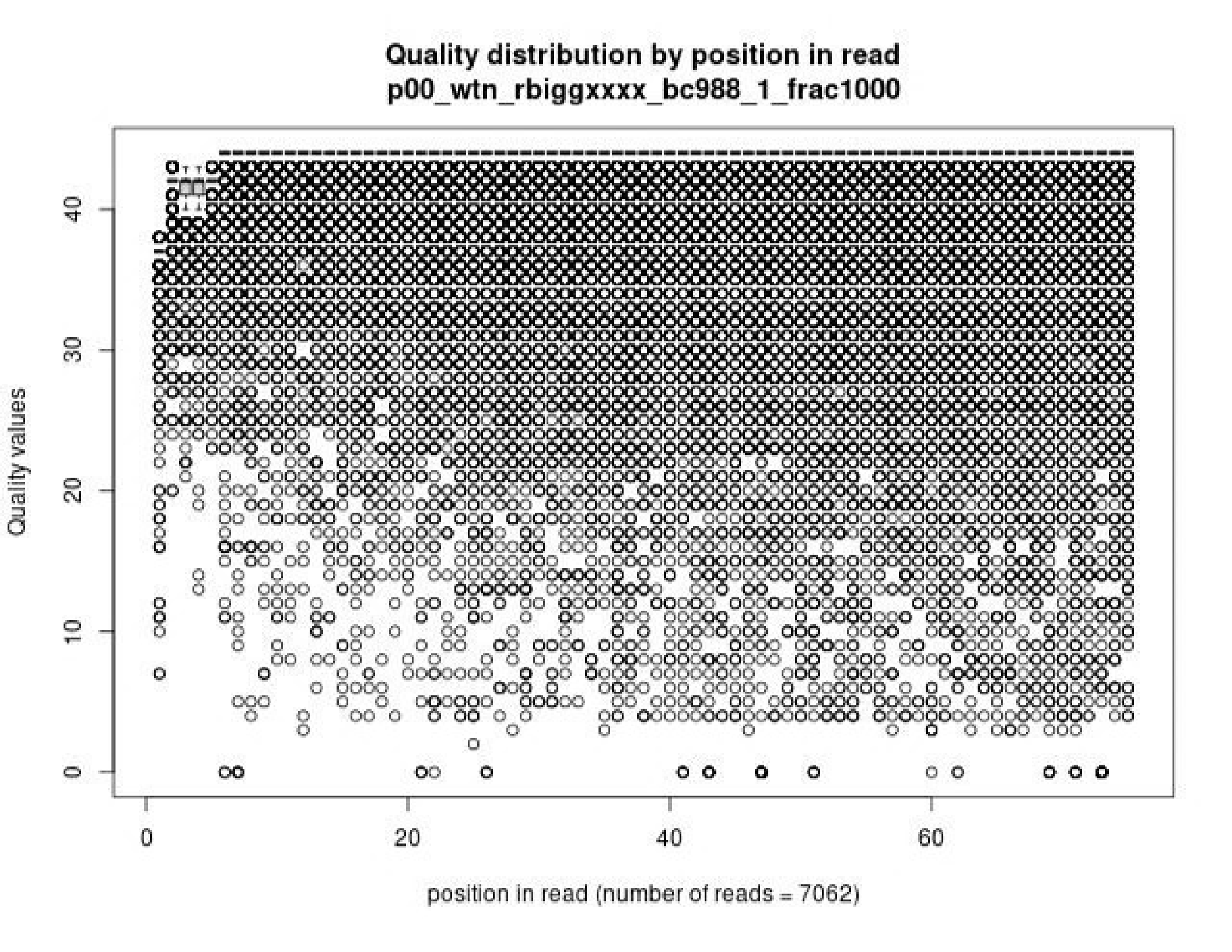

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc961_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10225)

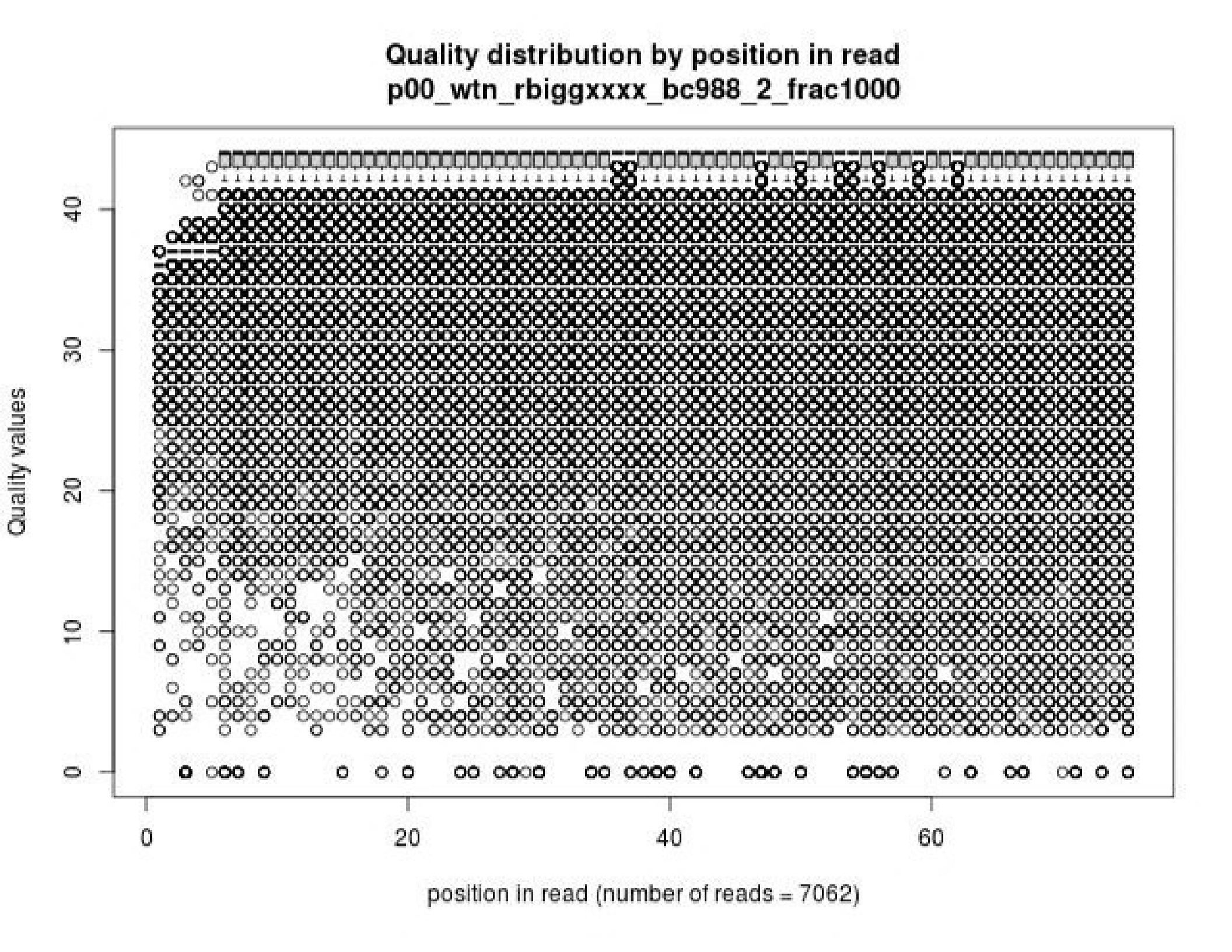

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc962_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9082)

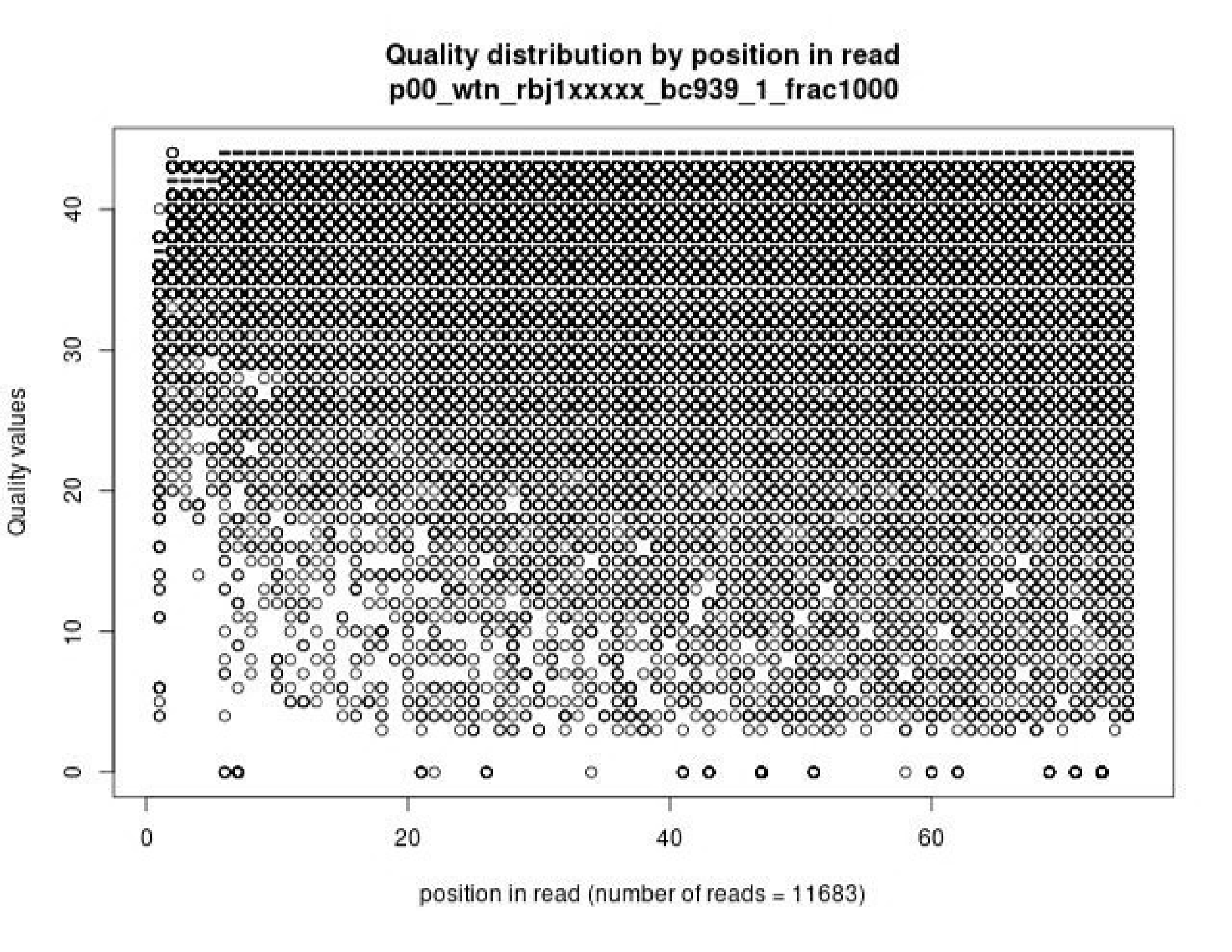

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc962_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9082)

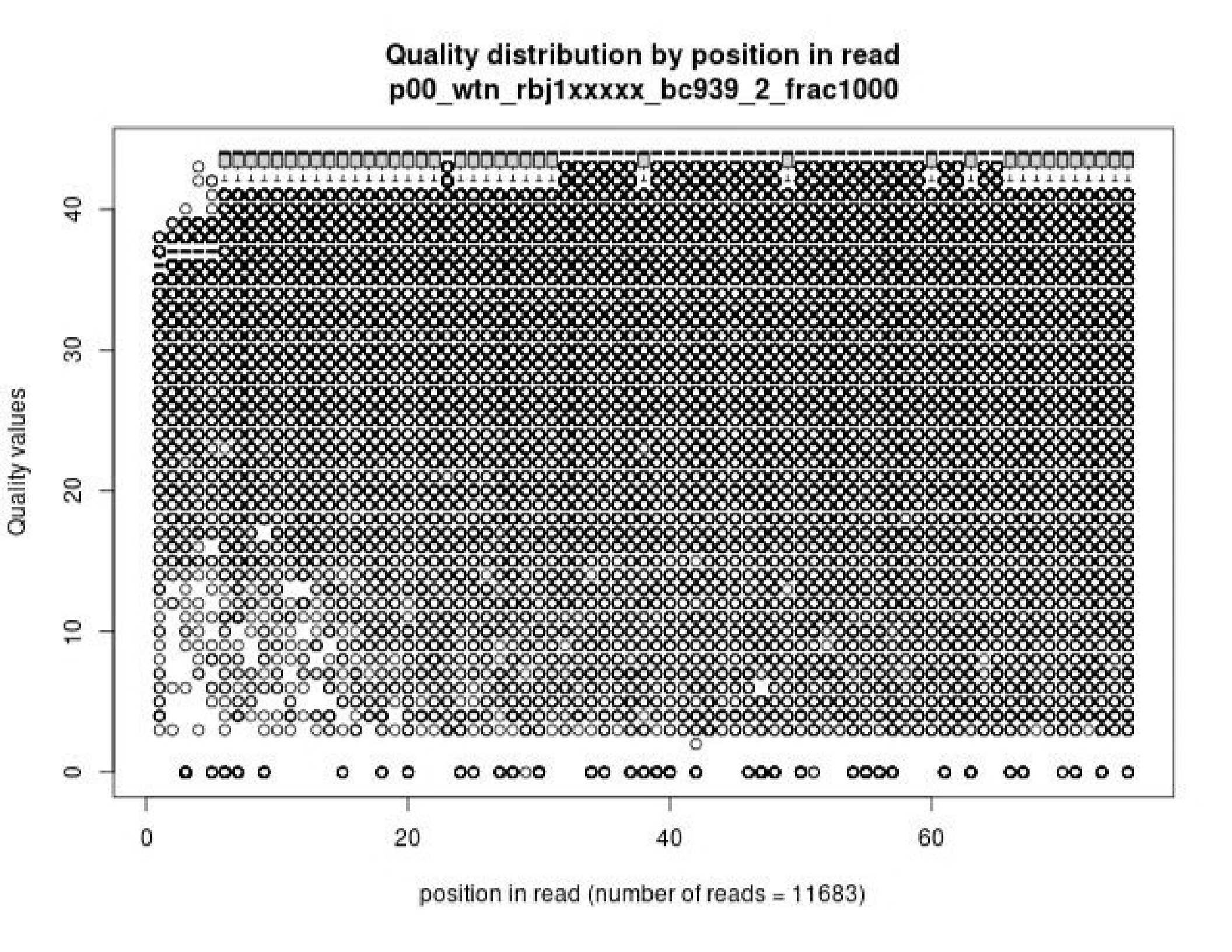

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc987_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9162)

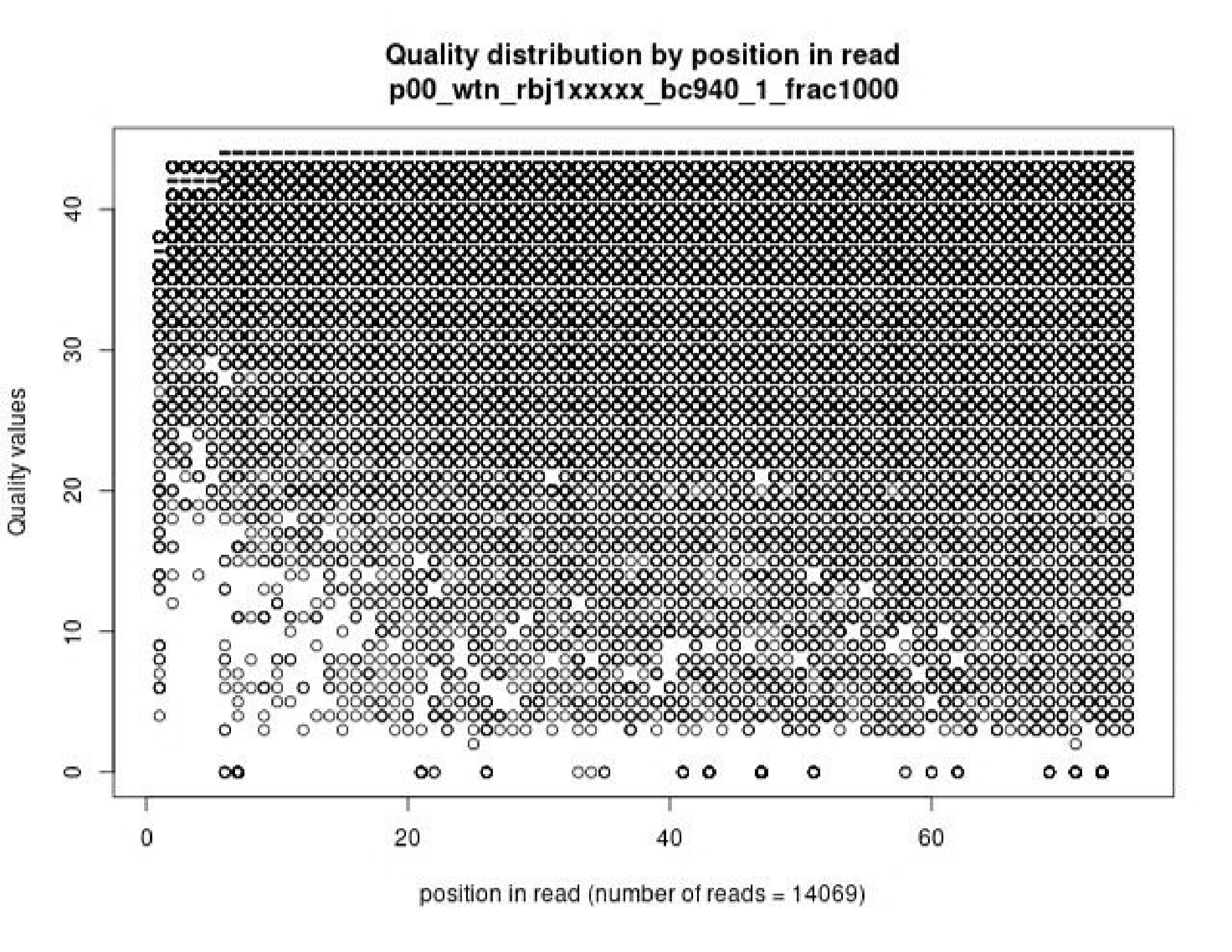

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc987_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9162)

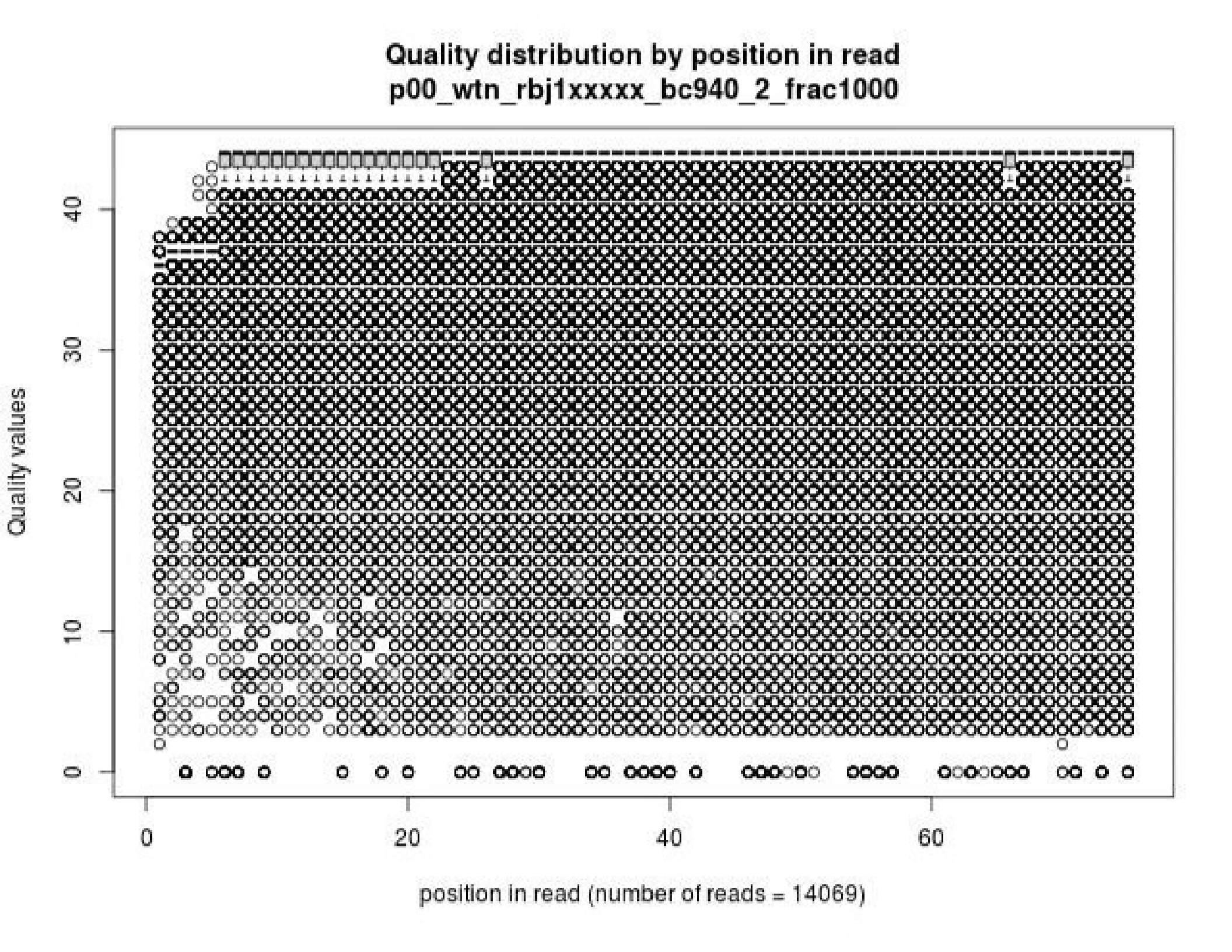

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc988_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7062)

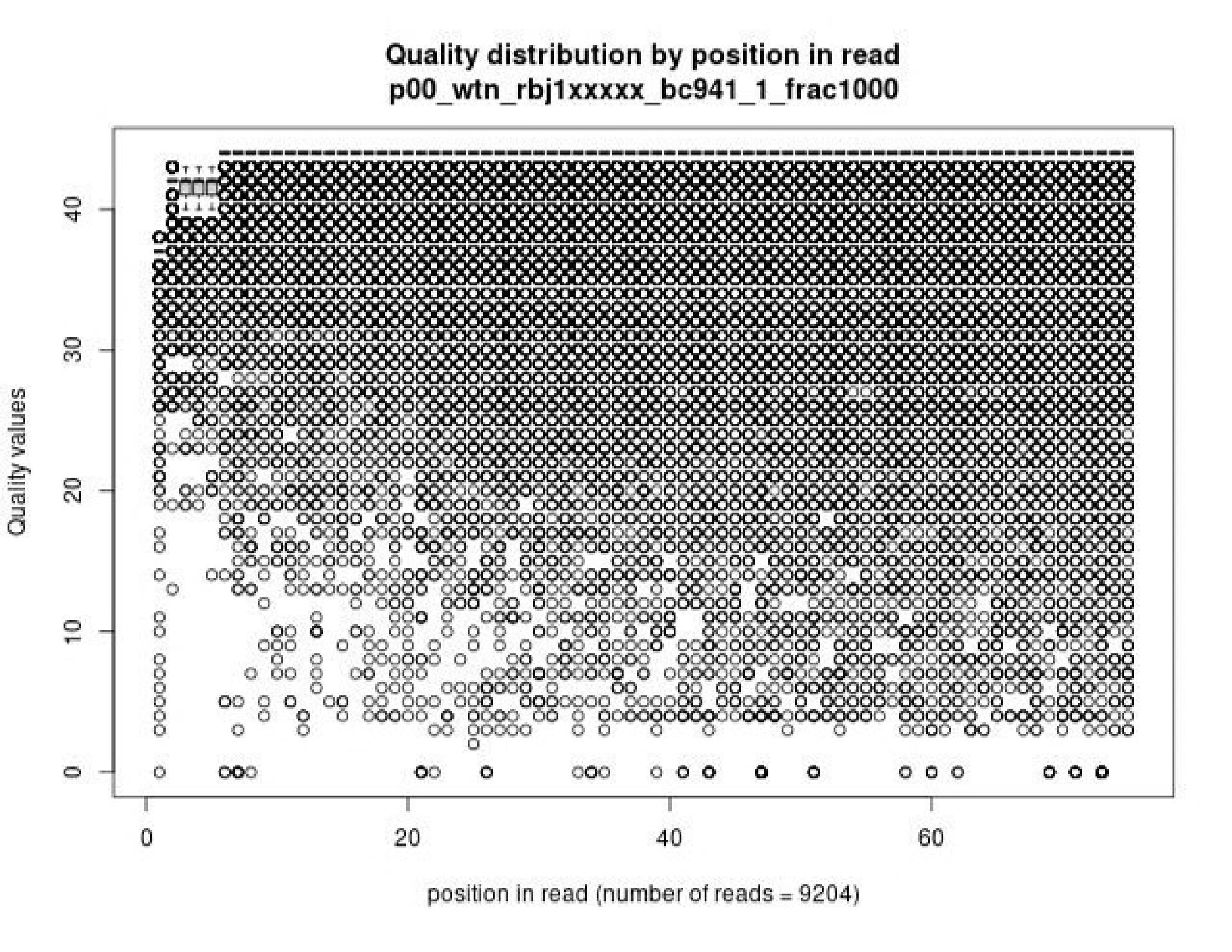

Quality distribution by position in read
p00_wtn_rbiggxxxx_bc988_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7062)

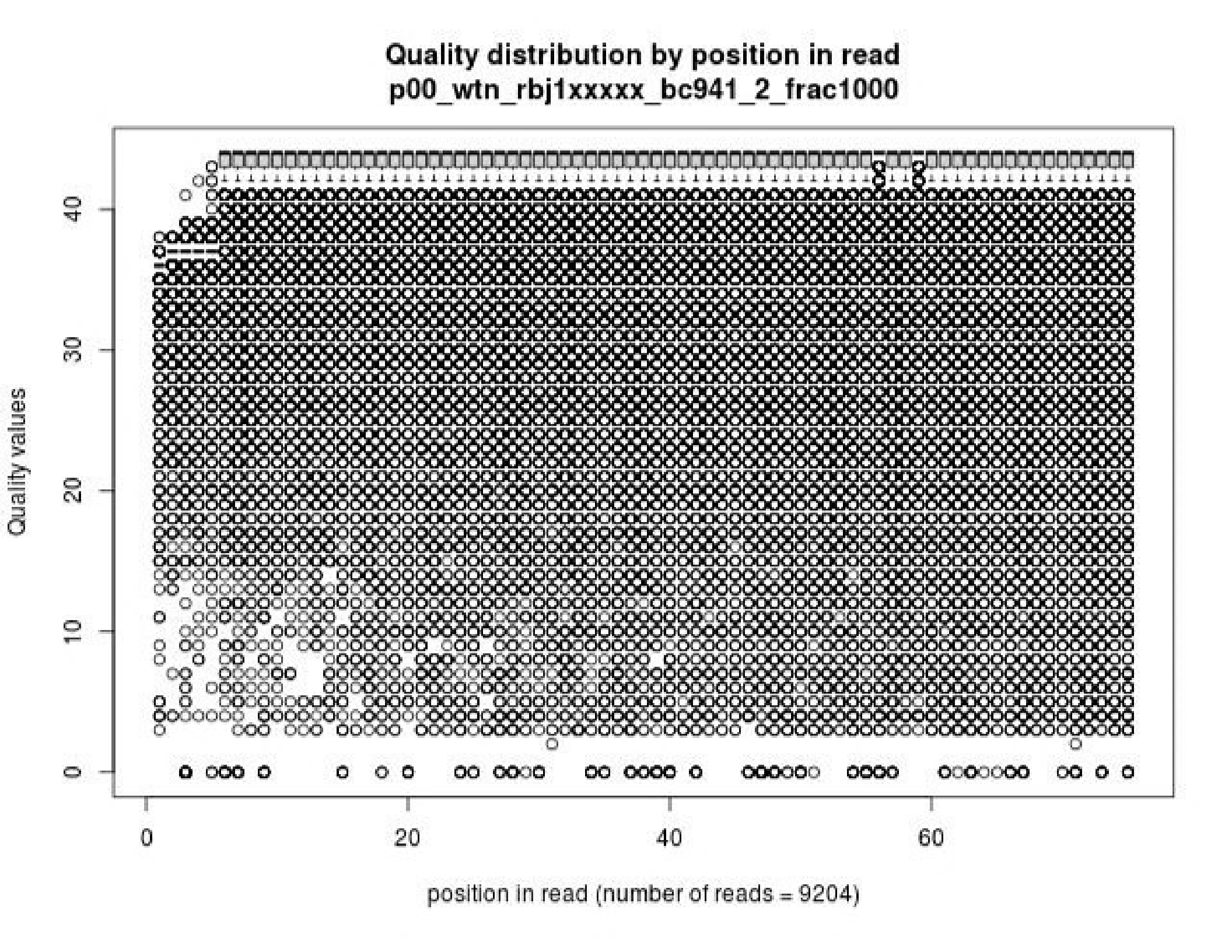

Quality distribution by position in read
p00_wtn_rbj1xxxxx_bc939_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 11683)

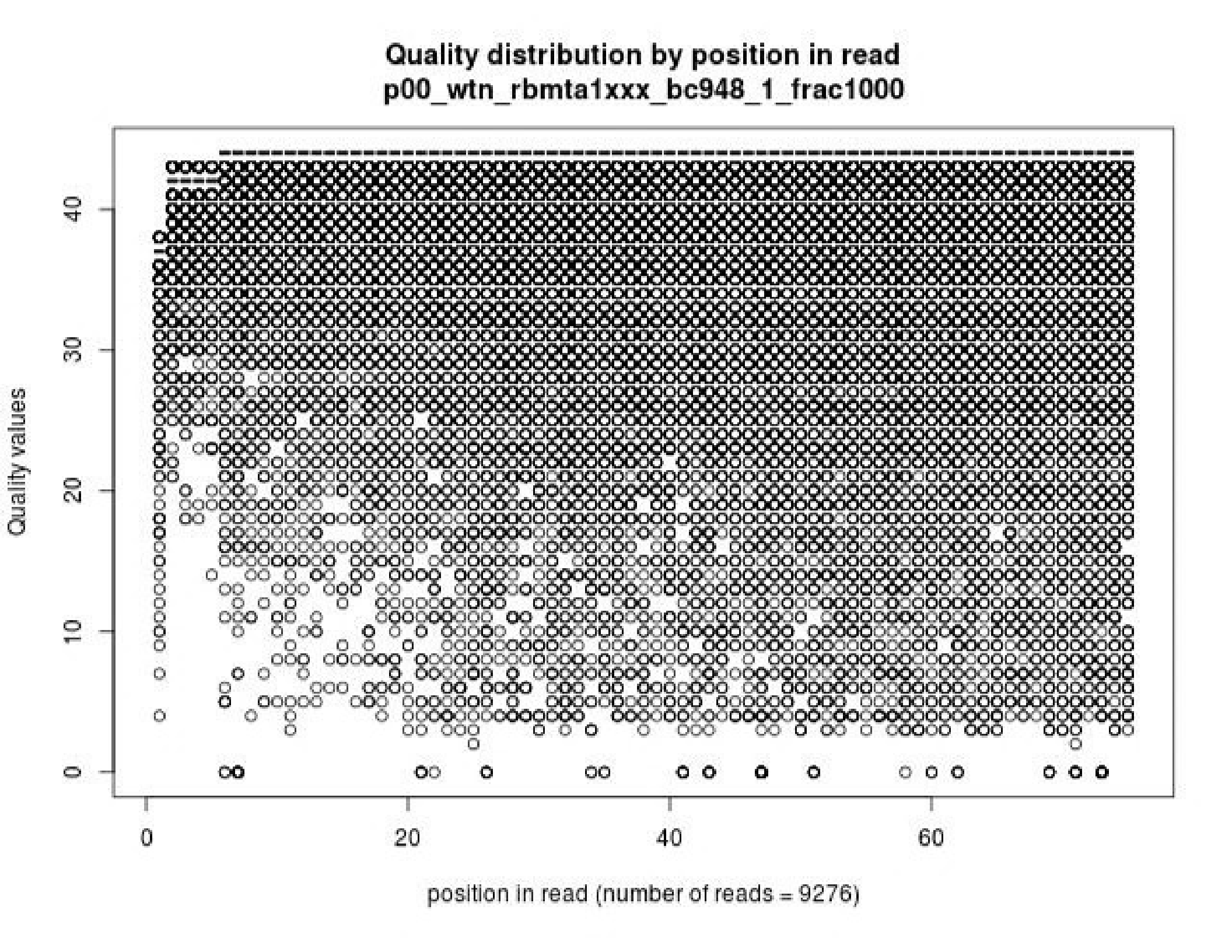

Quality distribution by position in read
p00_wtn_rbj1xxxxx_bc939_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 11683)

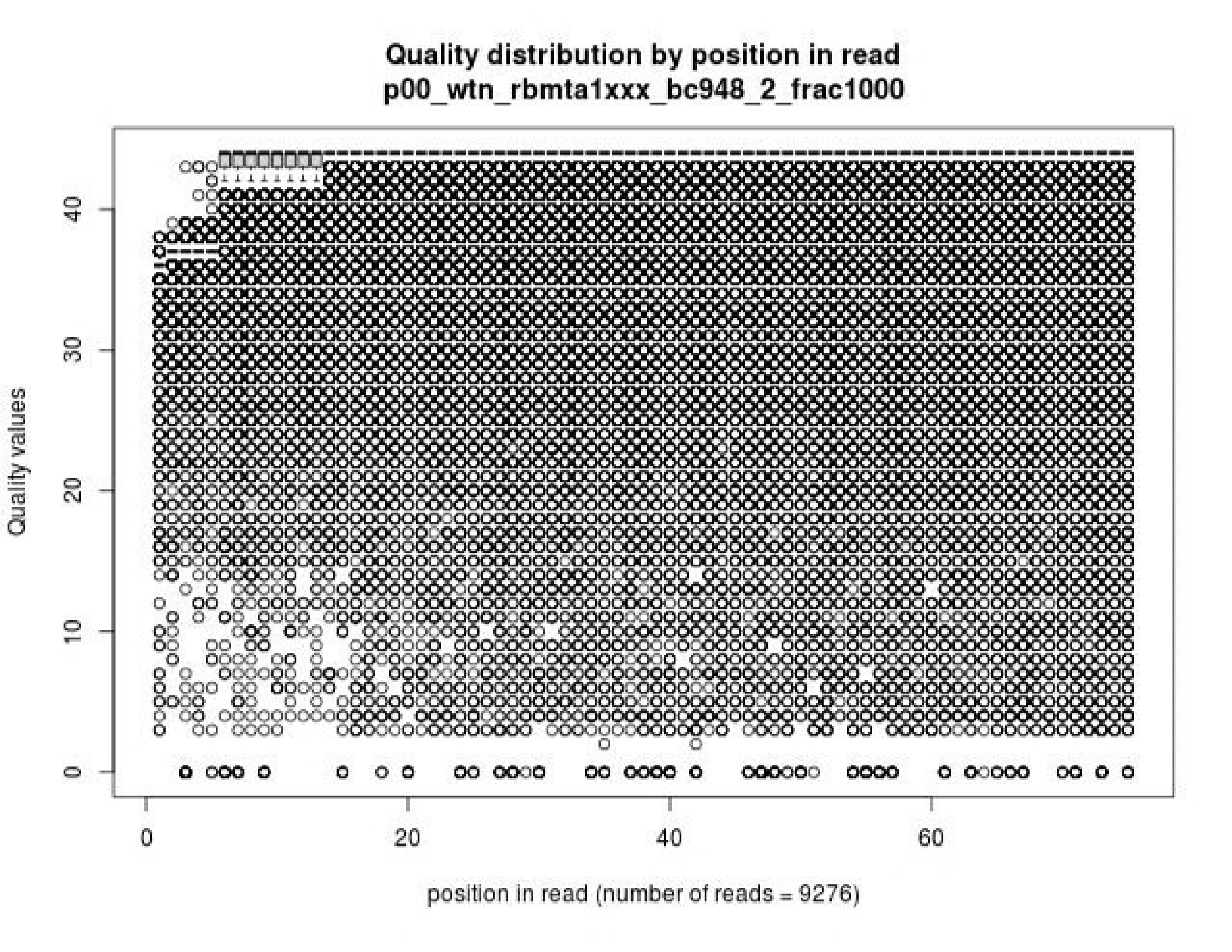

Quality distribution by position in read
p00_wtn_rbj1xxxxx_bc940_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 14069)

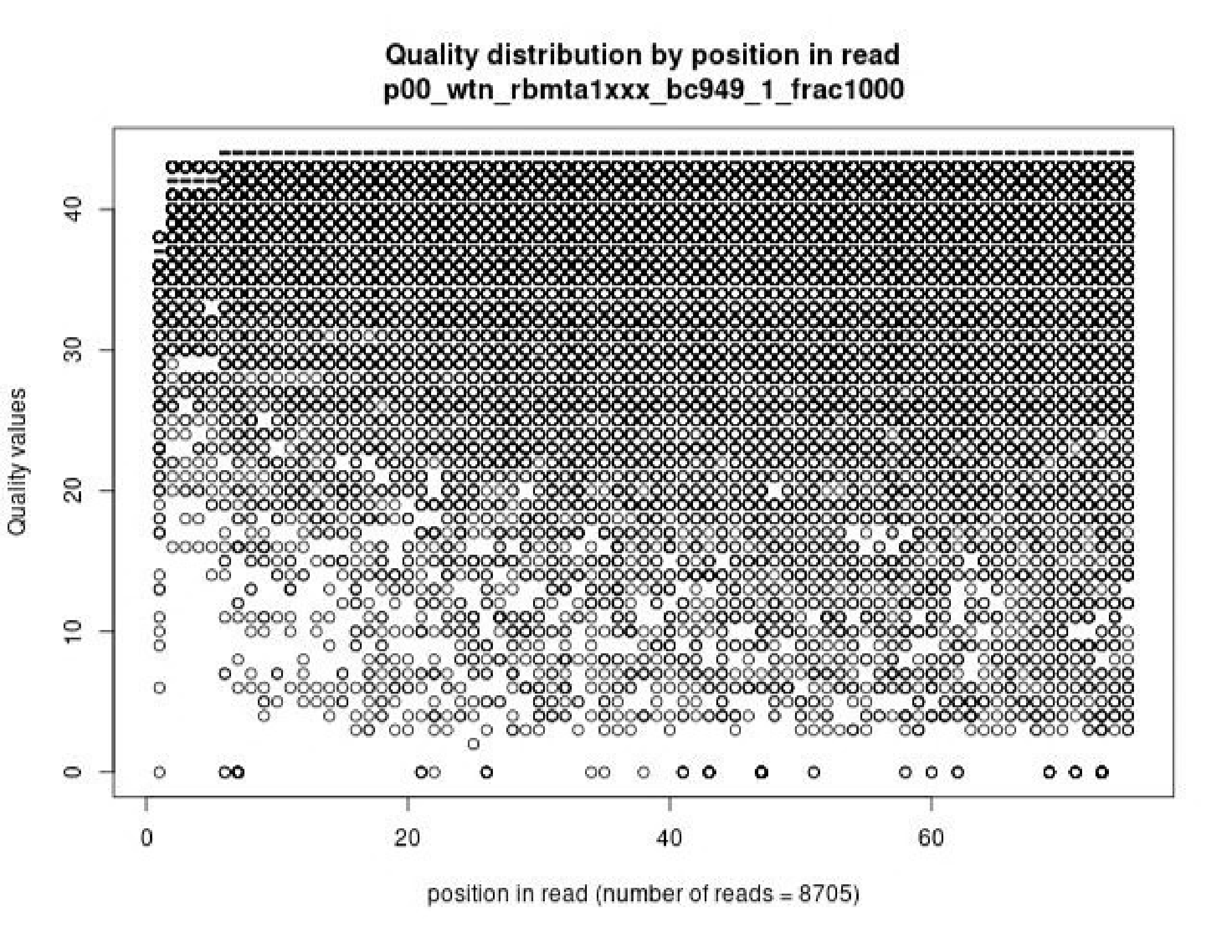

Quality distribution by position in read
p00_wtn_rbj1xxxxx_bc940_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 14069)

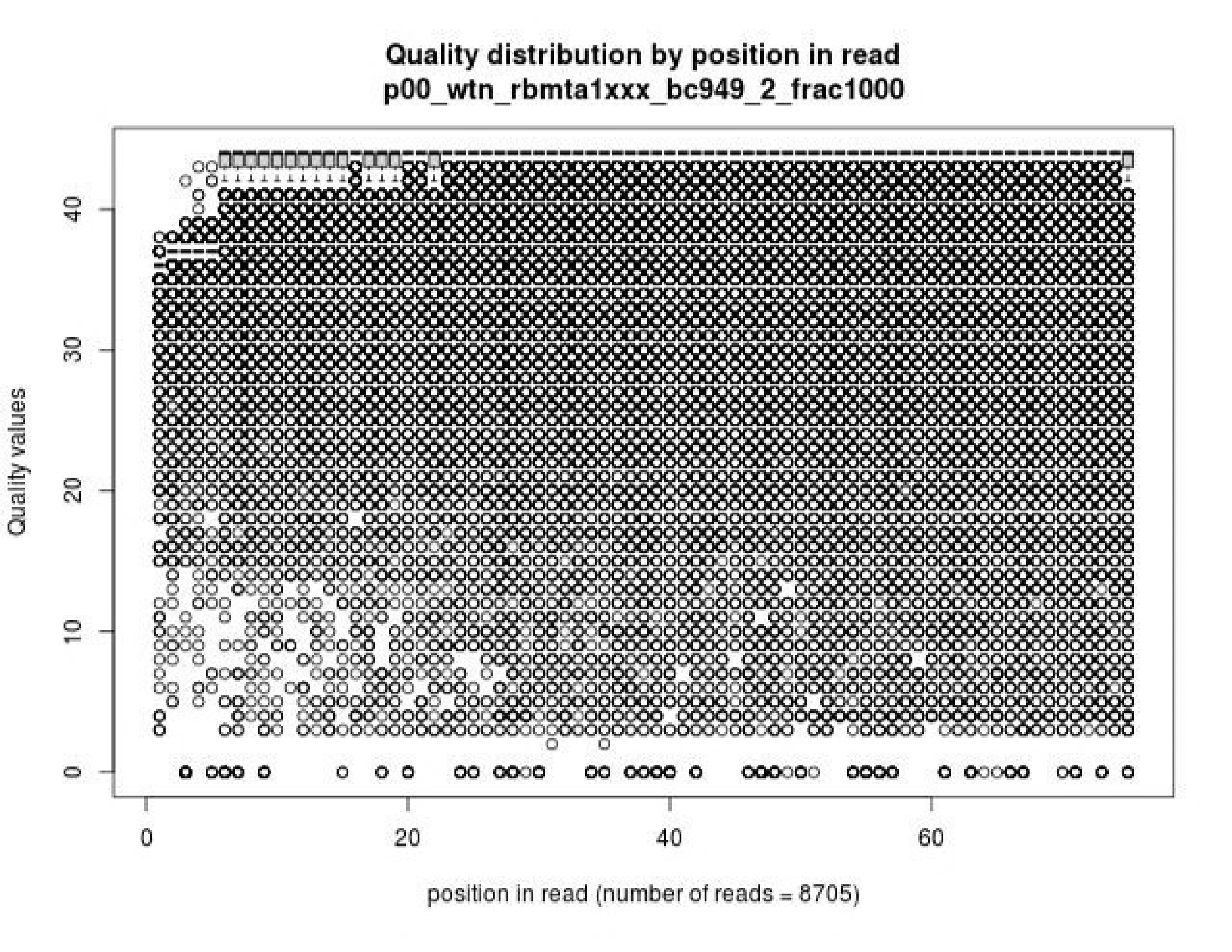

Quality distribution by position in read
p00_wtn_rbj1xxxxx_bc941_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9204)

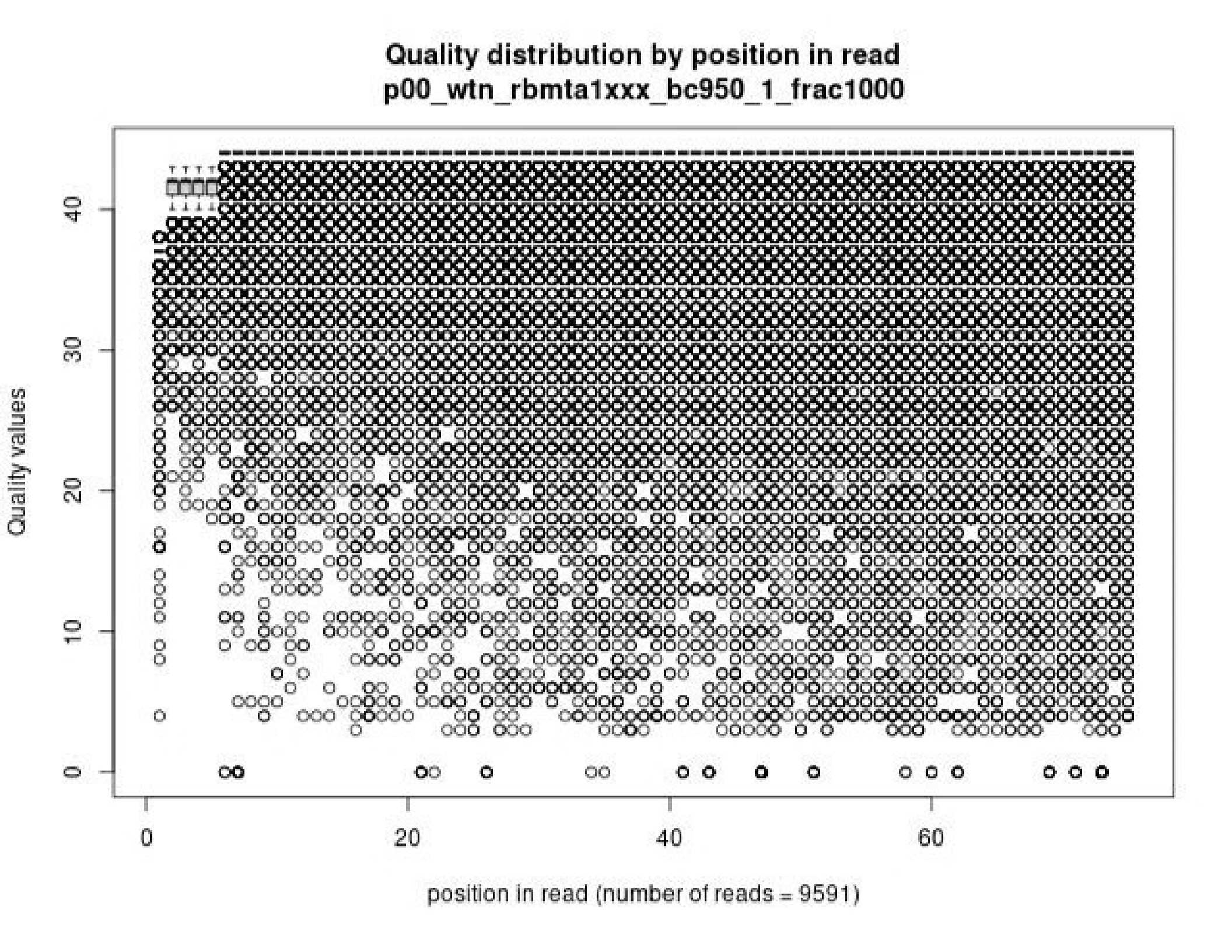

Quality distribution by position in read
p00_wtn_rbj1xxxxx_bc941_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9204)

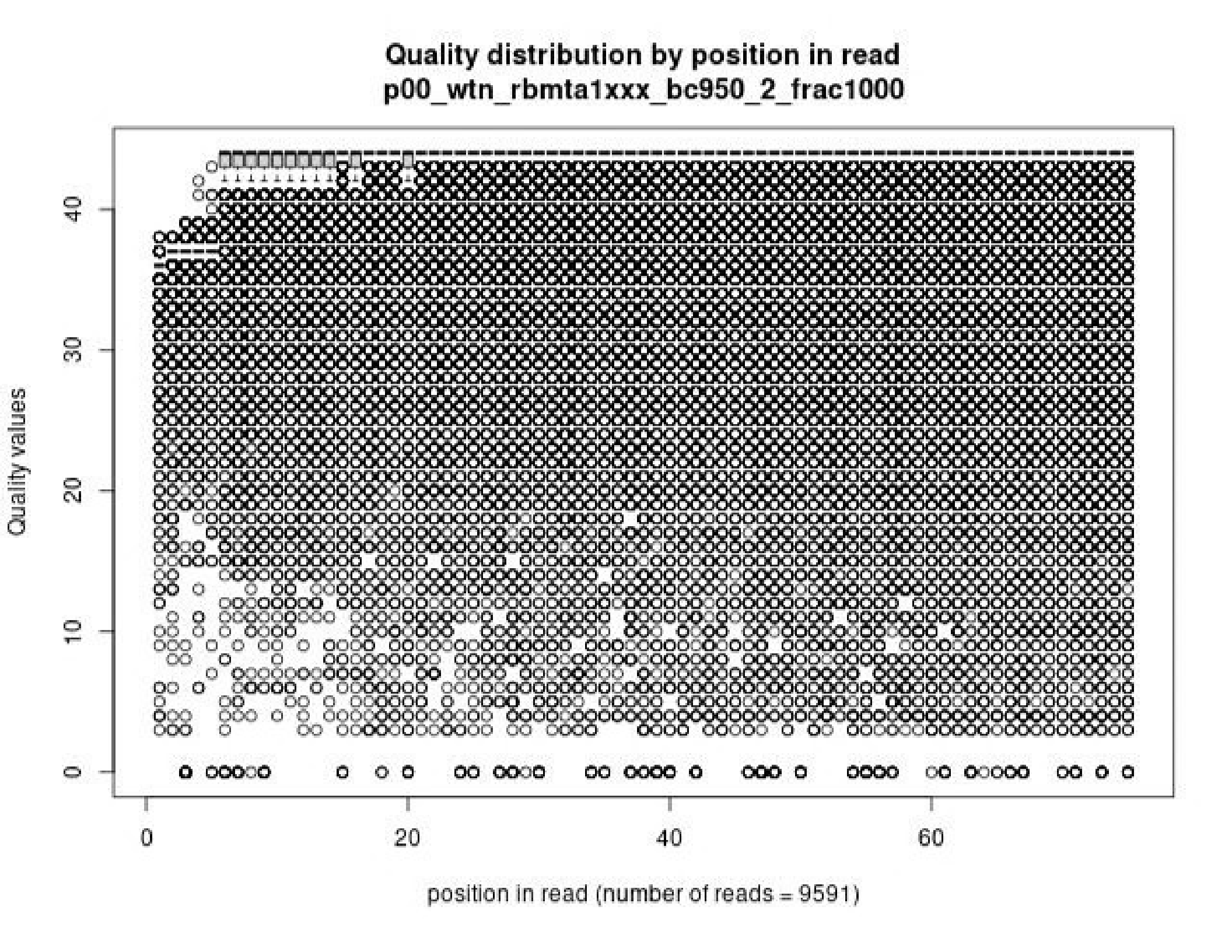

Quality distribution by position in read
p00_wtn_rbmta1xxx_bc948_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9276)

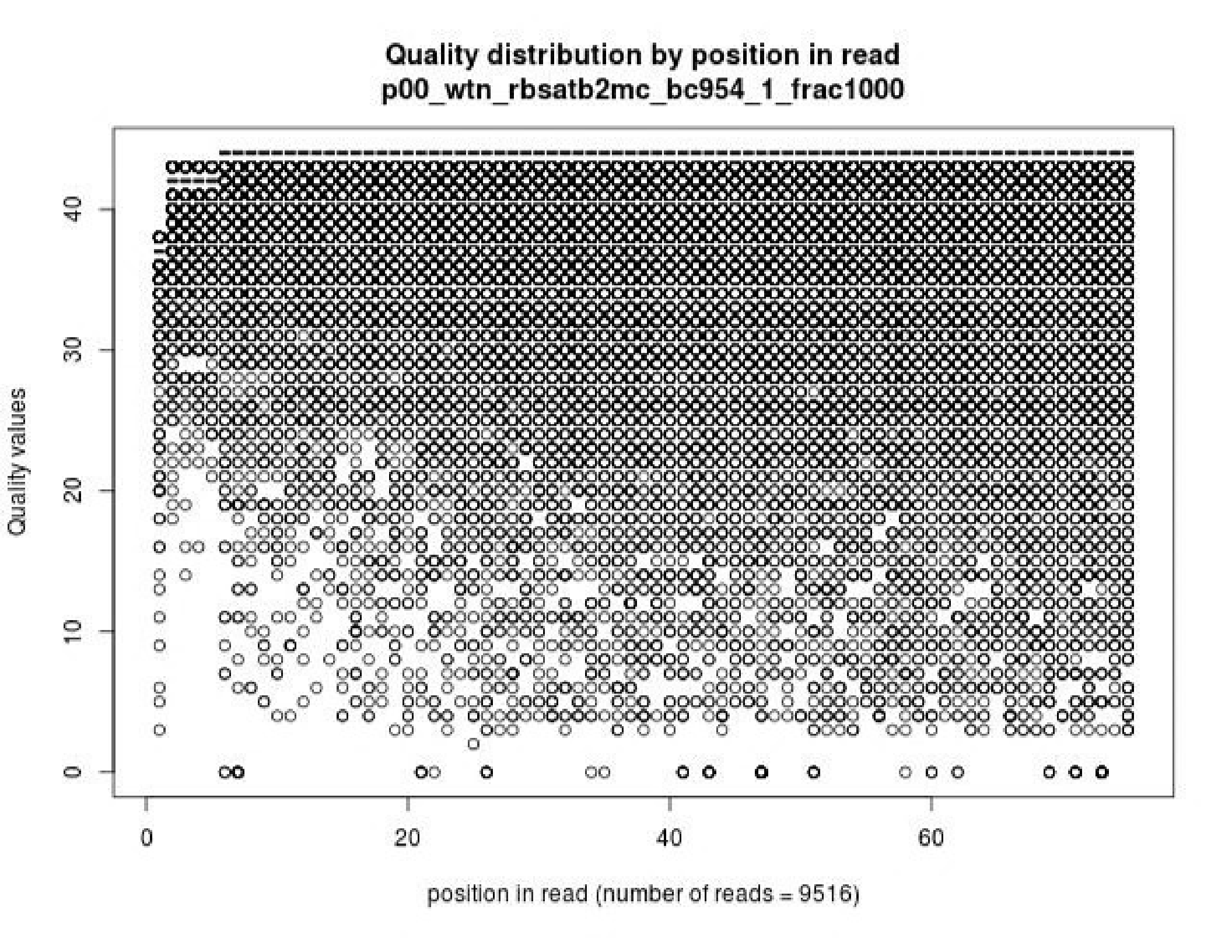

Quality distribution by position in read
p00_wtn_rbmta1xxx_bc948_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9276)

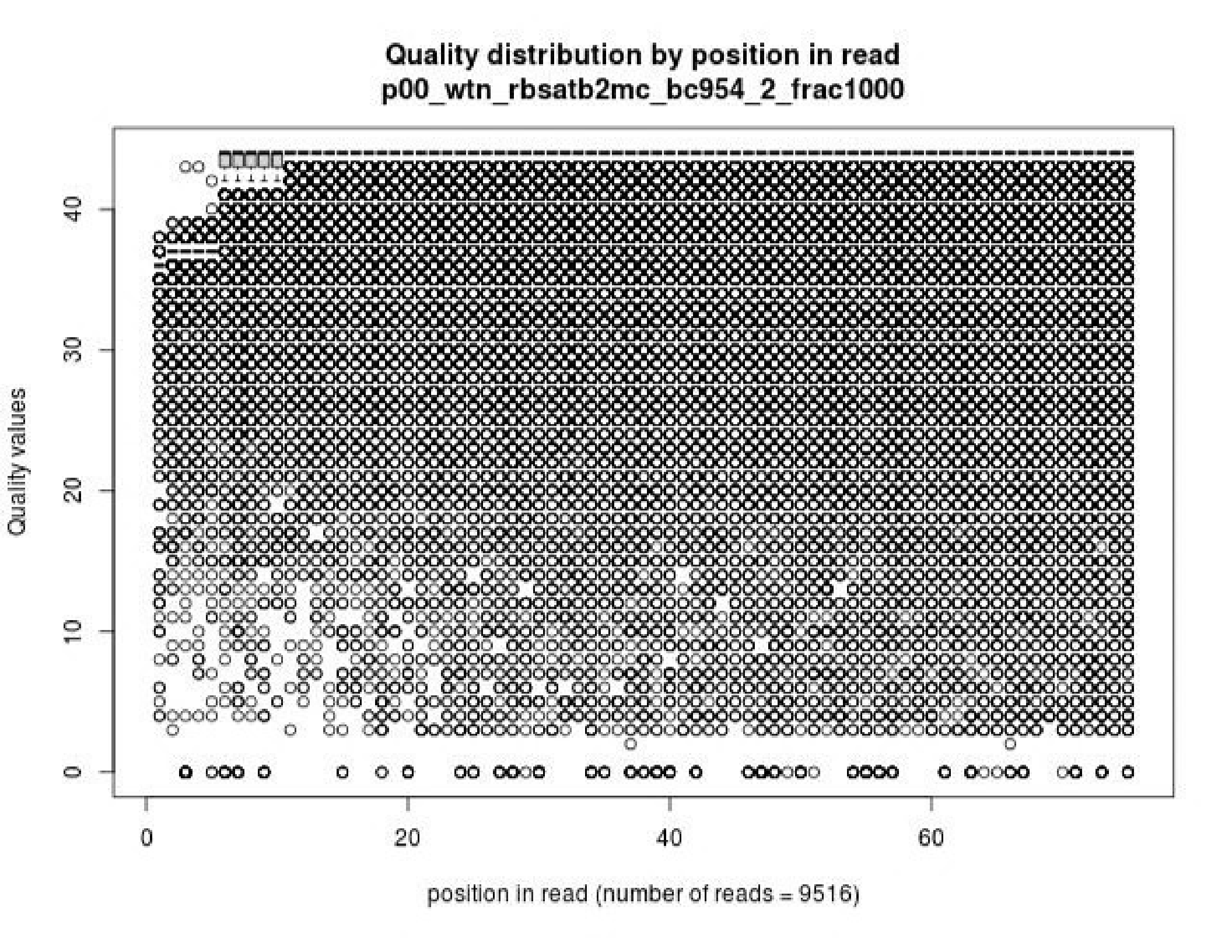

Quality distribution by position in read
p00_wtn_rbmta1xxx_bc949_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8705)

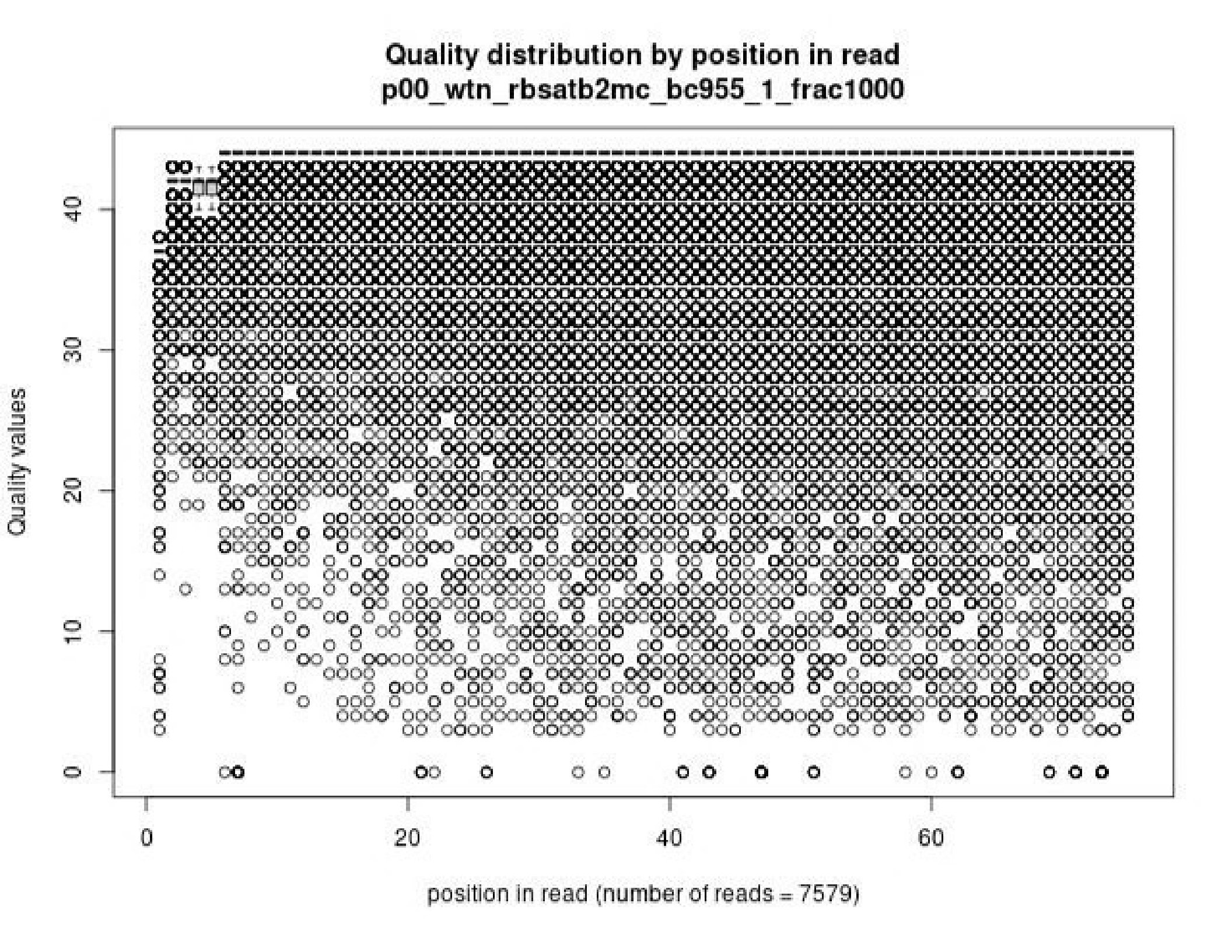

Quality distribution by position in read
p00_wtn_rbmta1xxx_bc949_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8705)

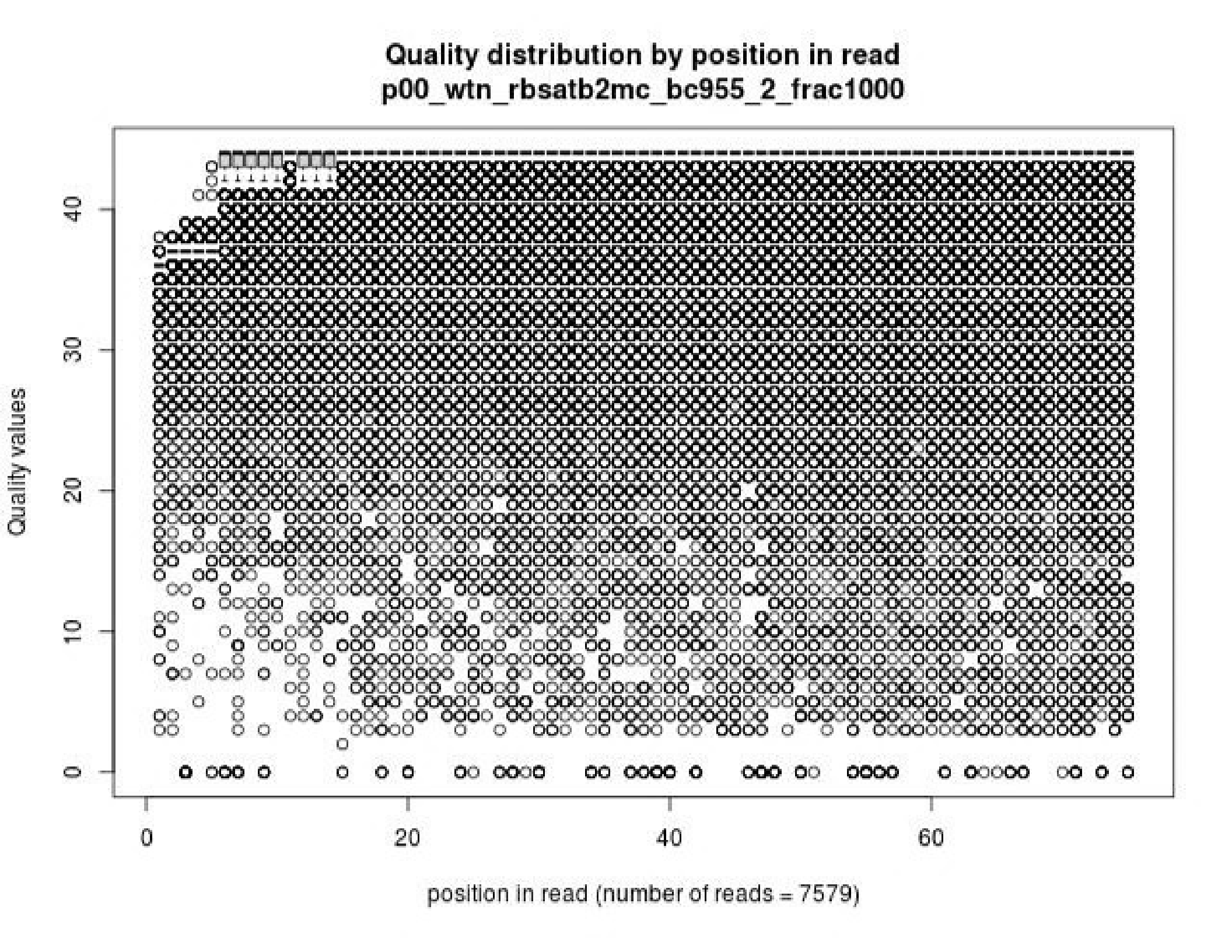

Quality distribution by position in read
p00_wtn_rbmta1xxx_bc950_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9591)

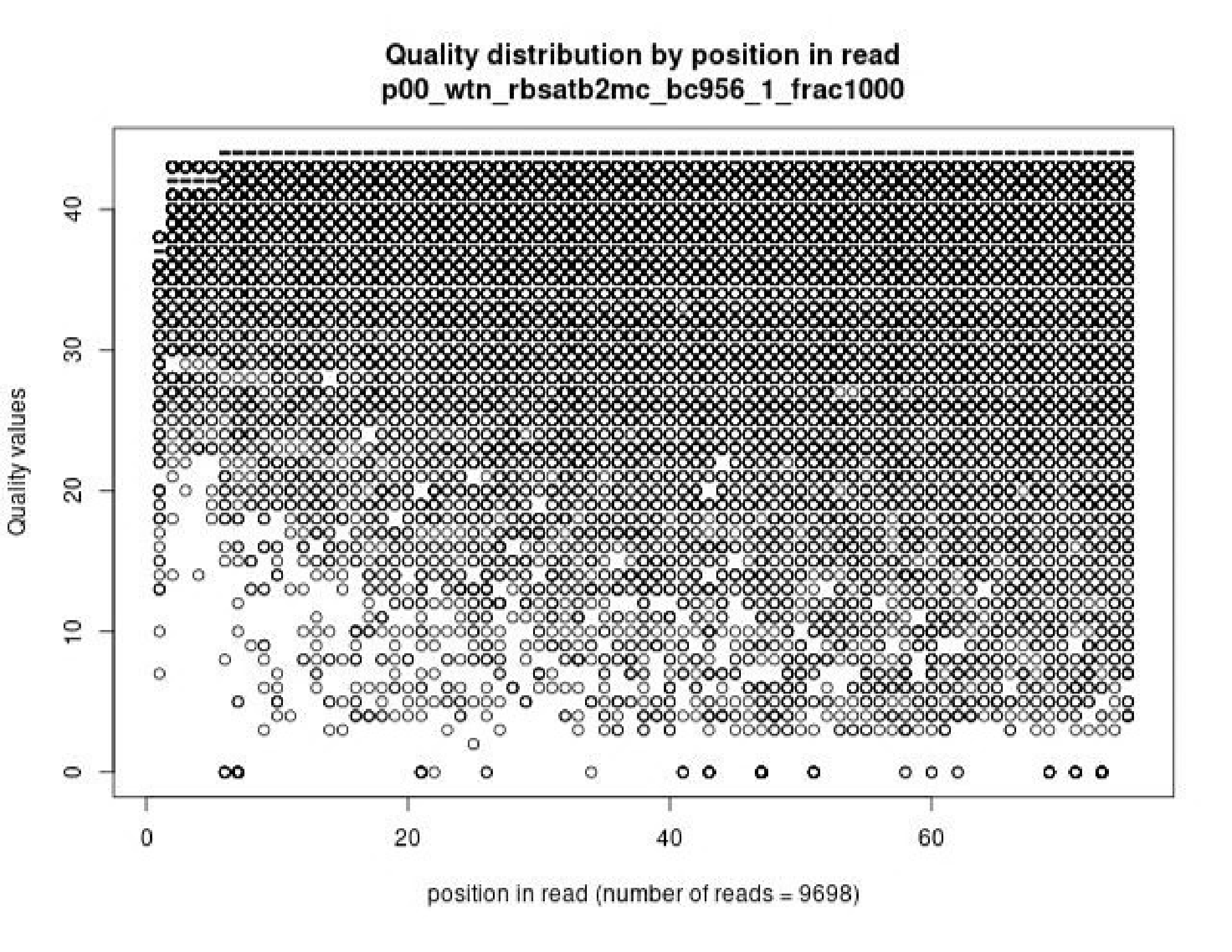

Quality distribution by position in read
p00_wtn_rbmta1xxx_bc950_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9591)

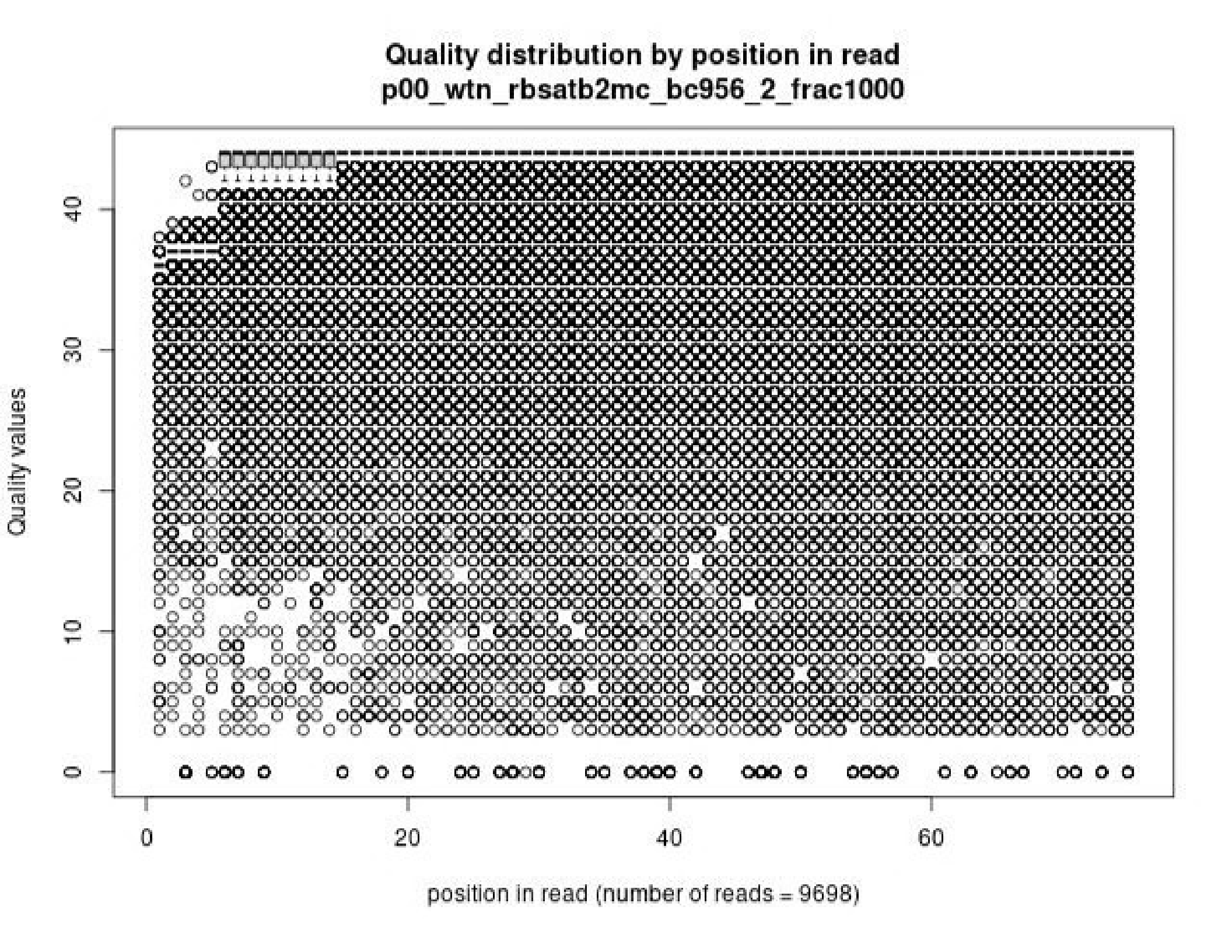

Quality distribution by position in read
p00_wtn_rbsatb2mc_bc954_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9516)

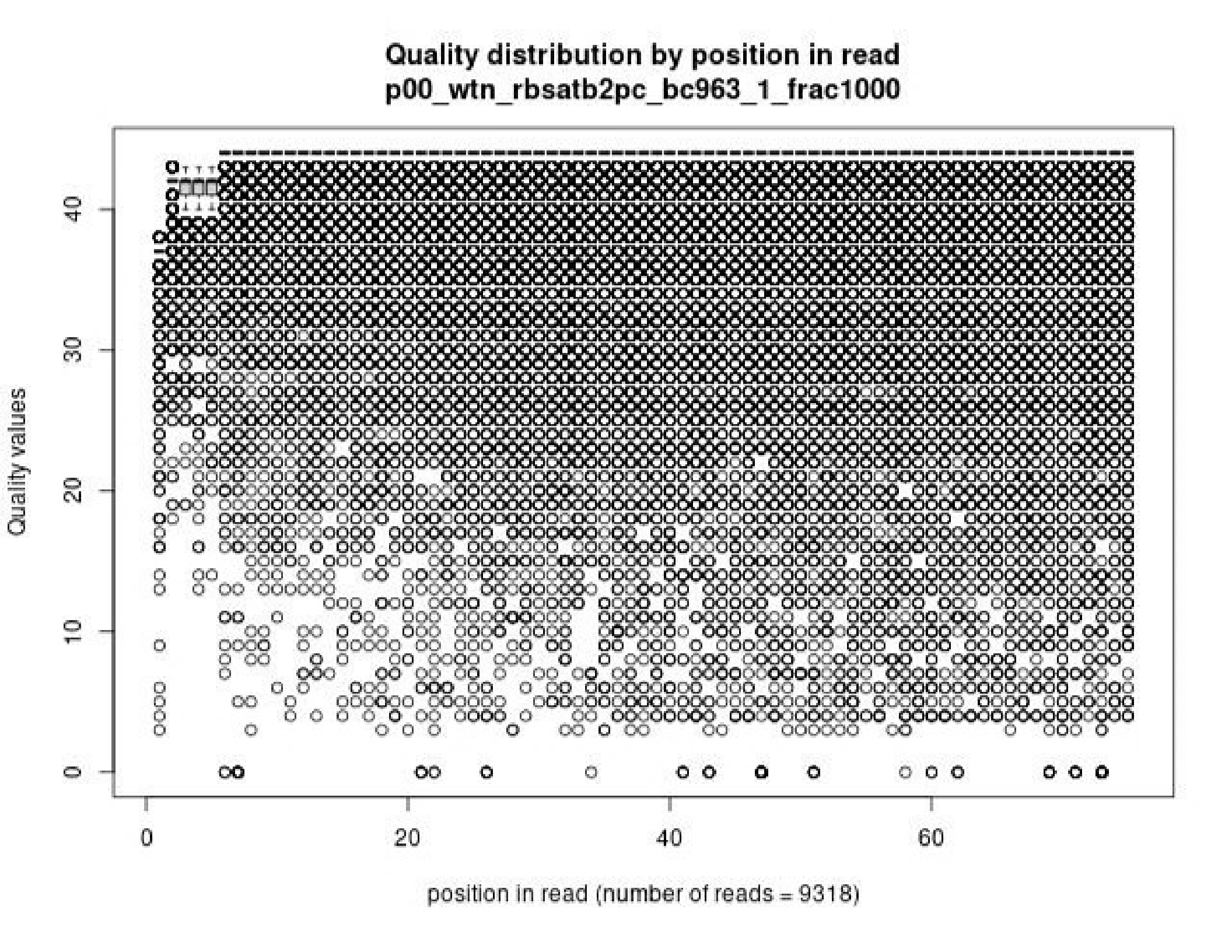

Quality distribution by position in read
p00_wtn_rbsatb2mc_bc954_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9516)

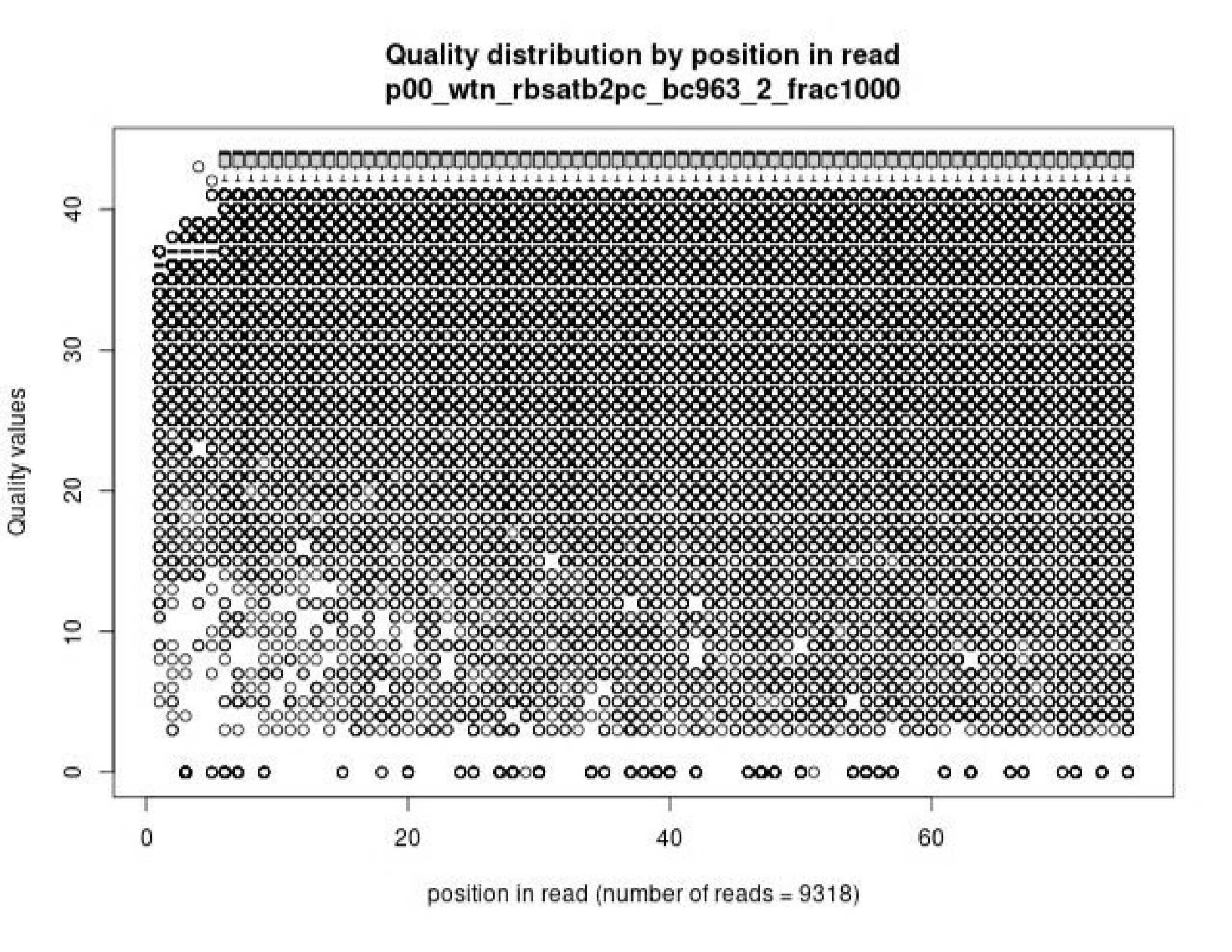

Quality distribution by position in read
p00_wtn_rbsatb2mc_bc955_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7579)

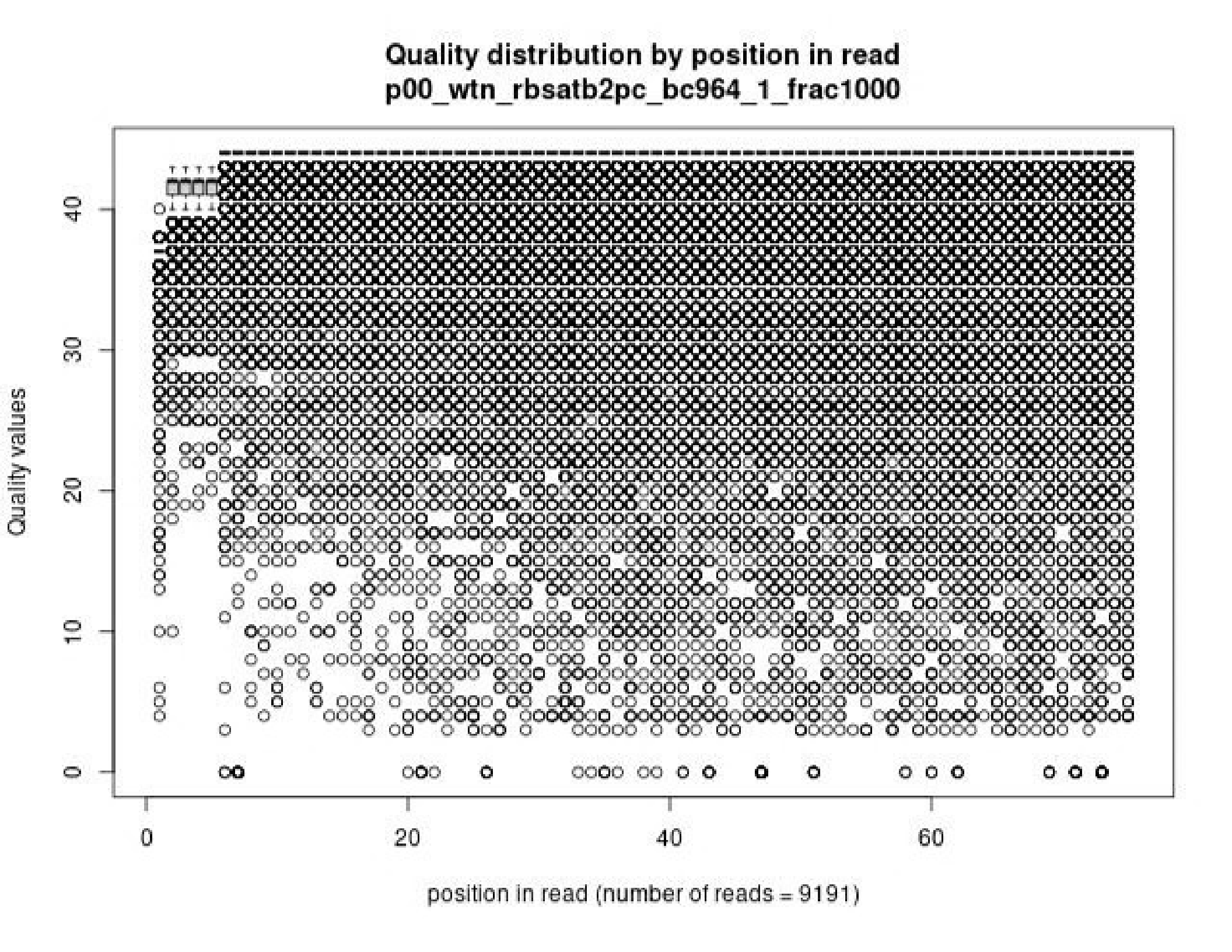

Quality distribution by position in read
p00_wtn_rbsatb2mc_bc955_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7579)

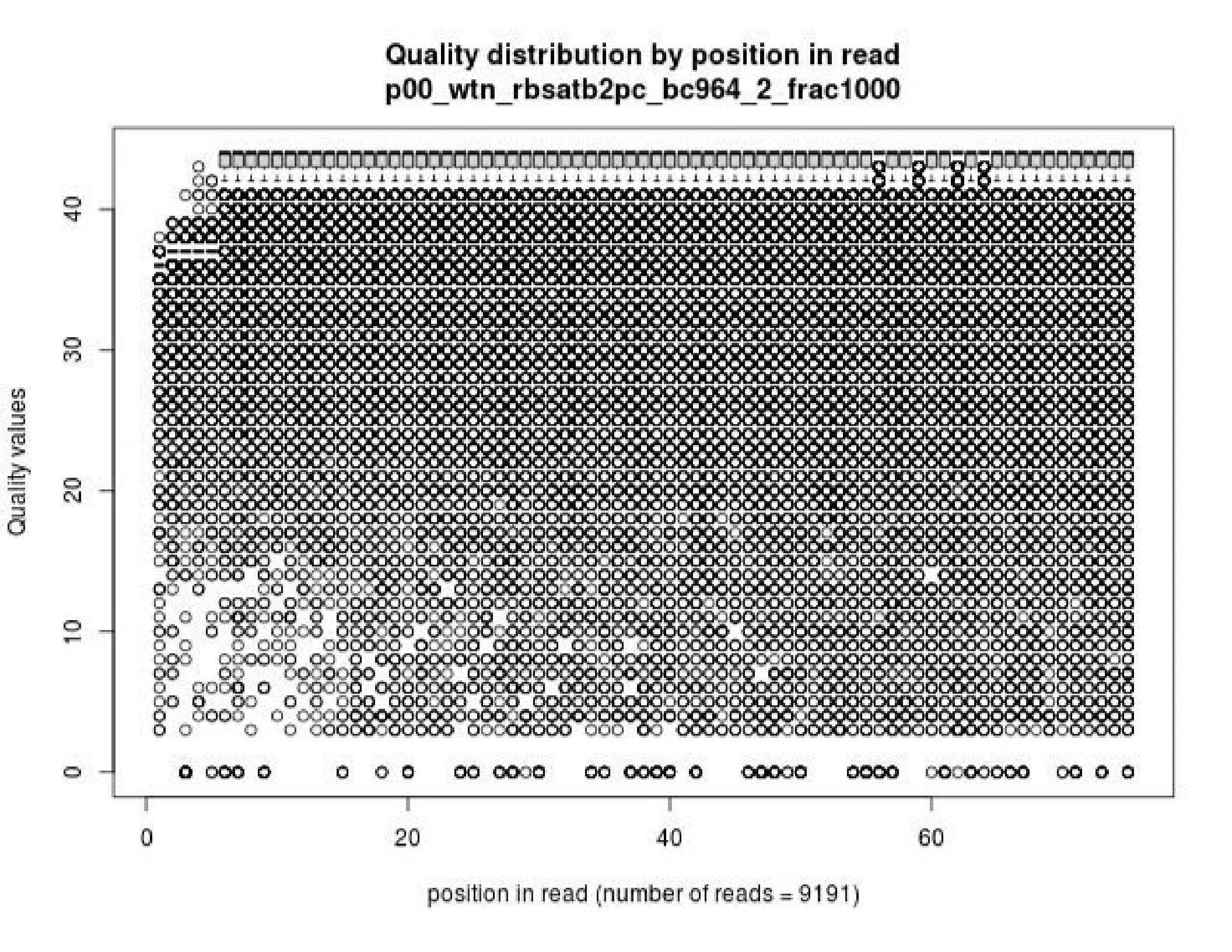

Quality distribution by position in read
p00_wtn_rbsatb2mc_bc956_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9698)

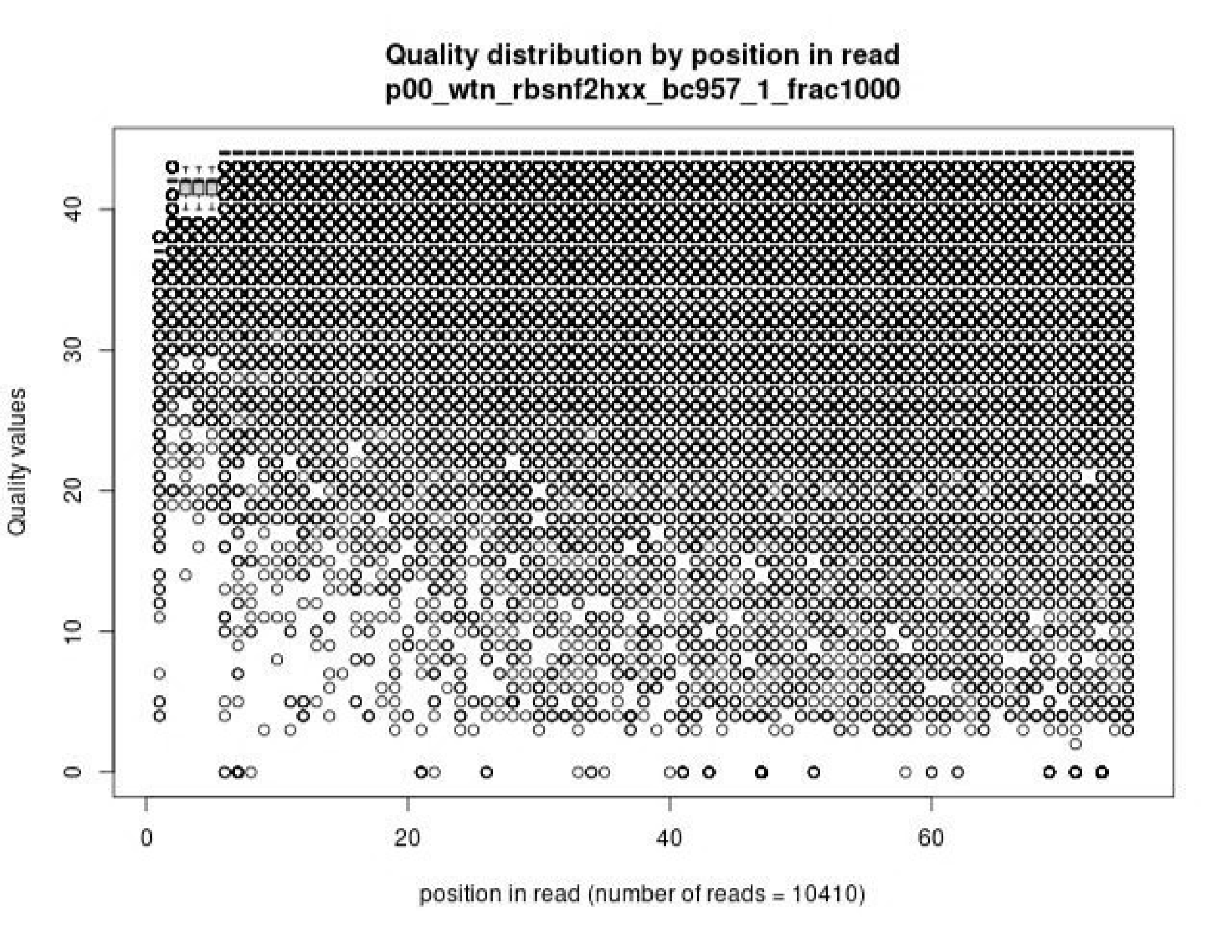

Quality distribution by position in read
p00_wtn_rbsatb2mc_bc956_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9698)

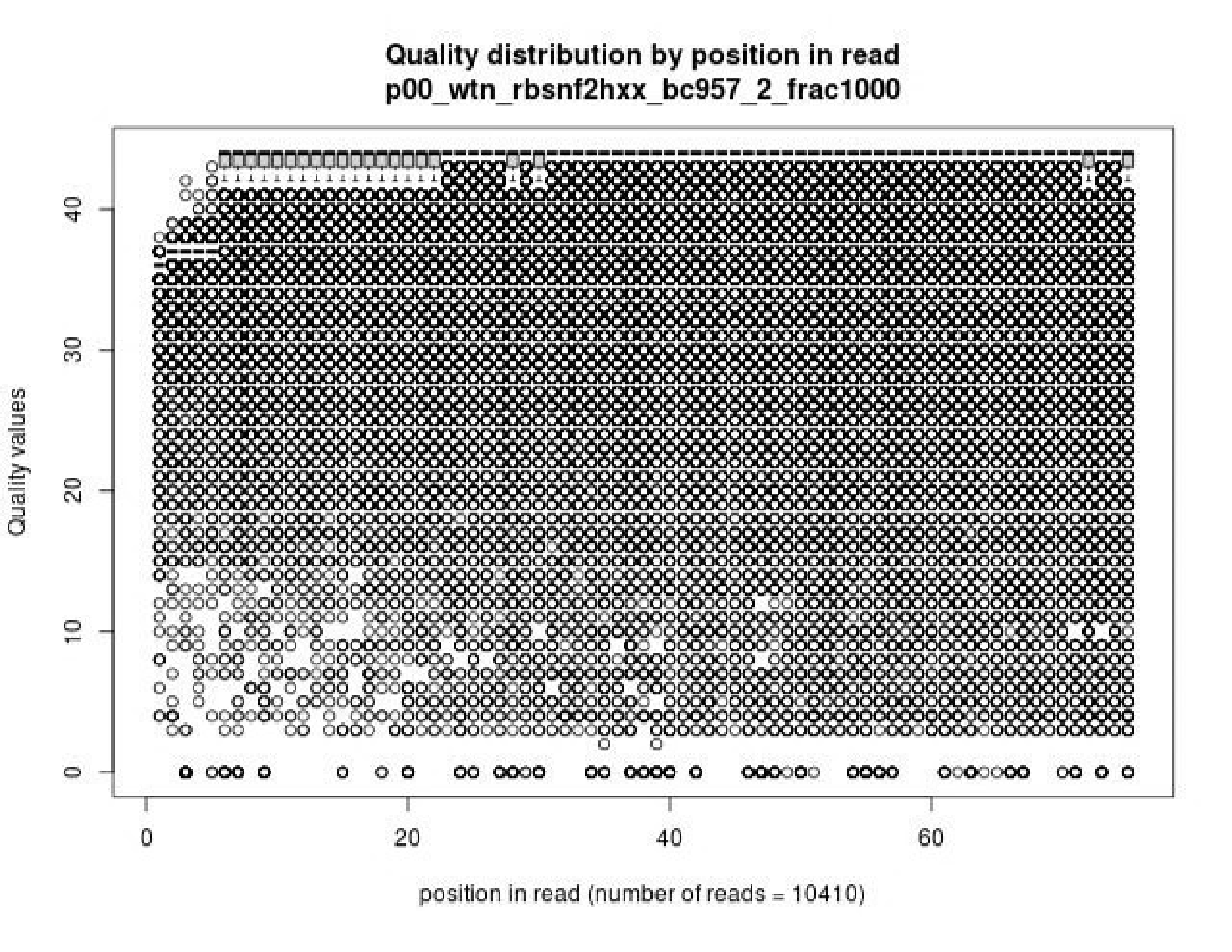

Quality distribution by position in read
p00_wtn_rbsatb2pc_bc963_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9318)

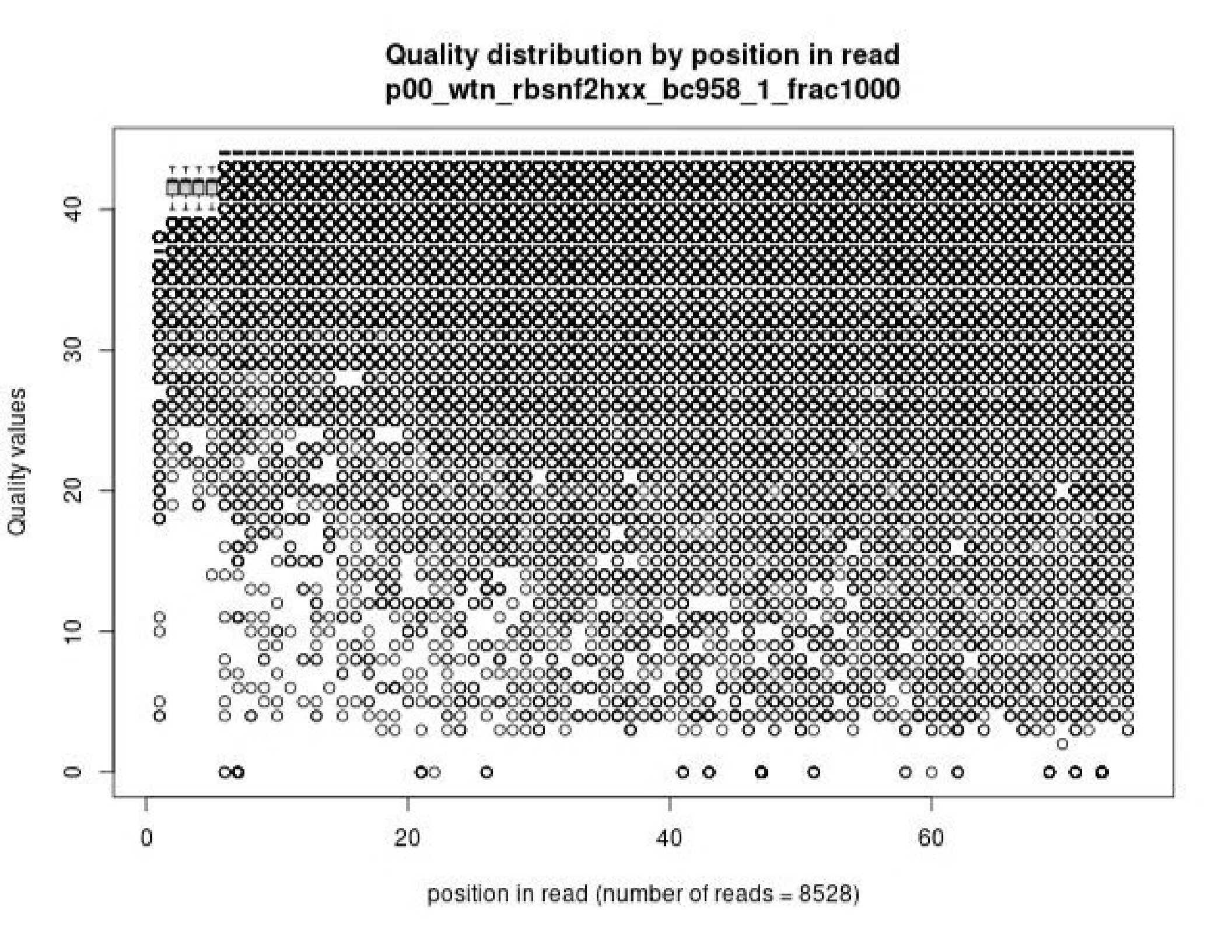

Quality distribution by position in read
p00_wtn_rbsatb2pc_bc963_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9318)

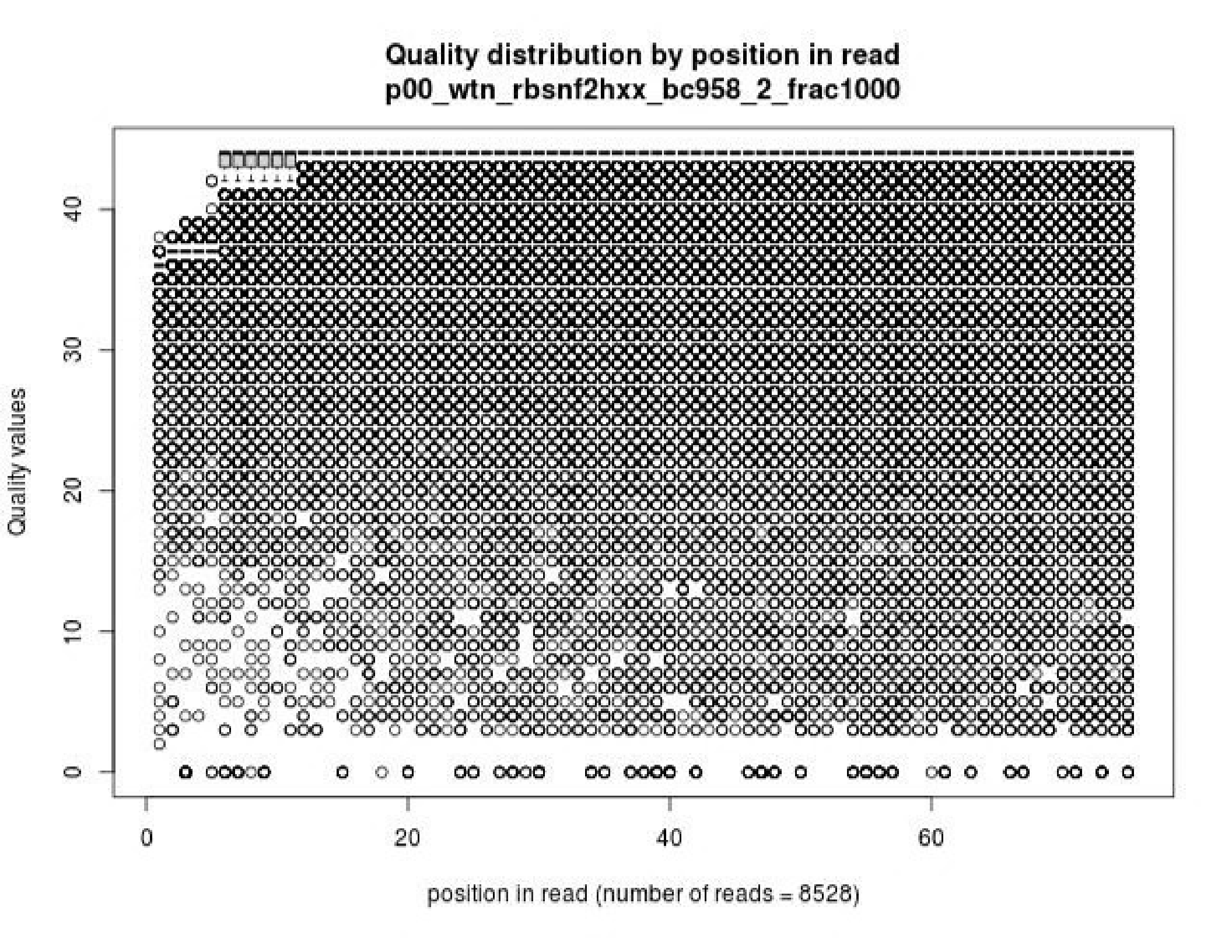

Quality distribution by position in read
p00_wtn_rbsatb2pc_bc964_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9191)

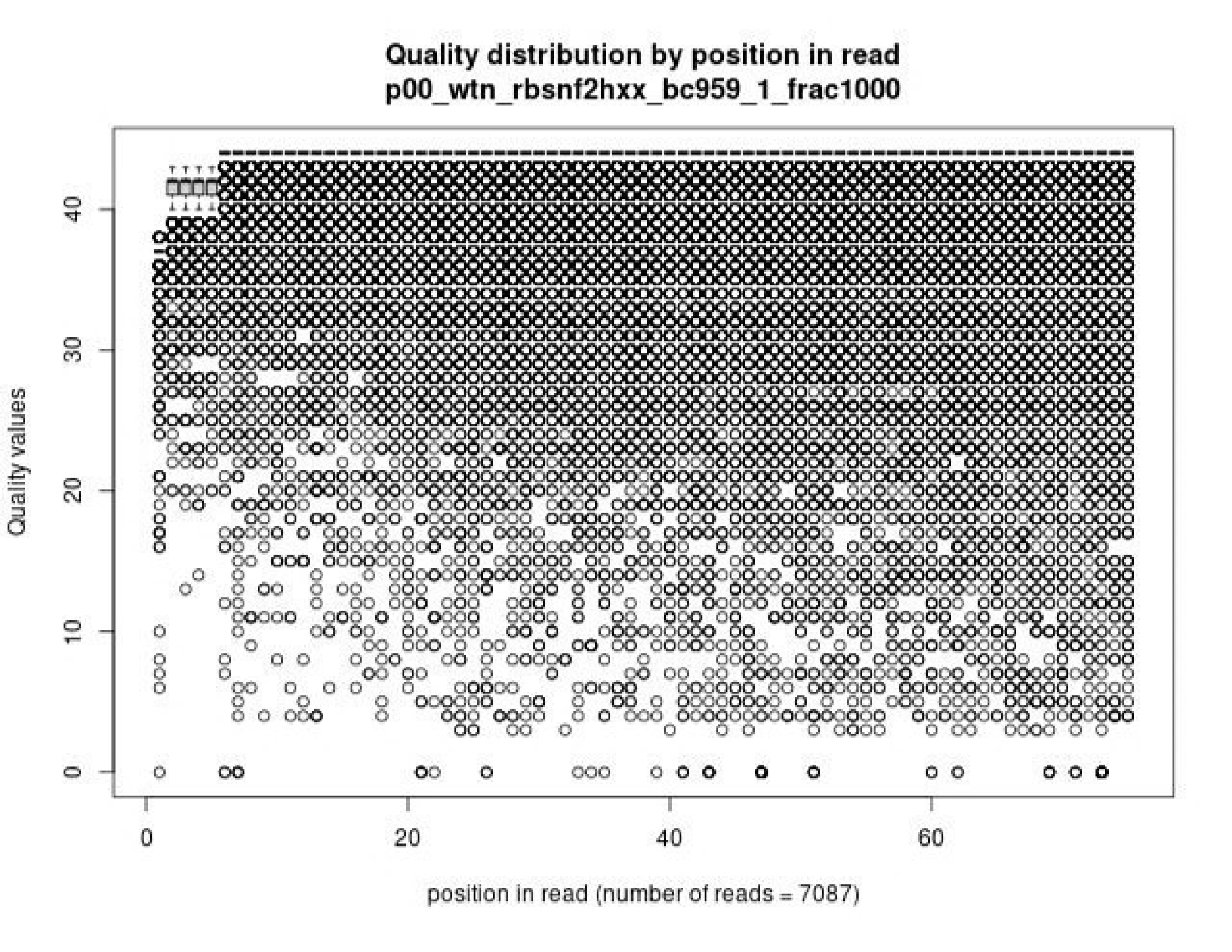

Quality distribution by position in read
p00_wtn_rbsatb2pc_bc964_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9191)

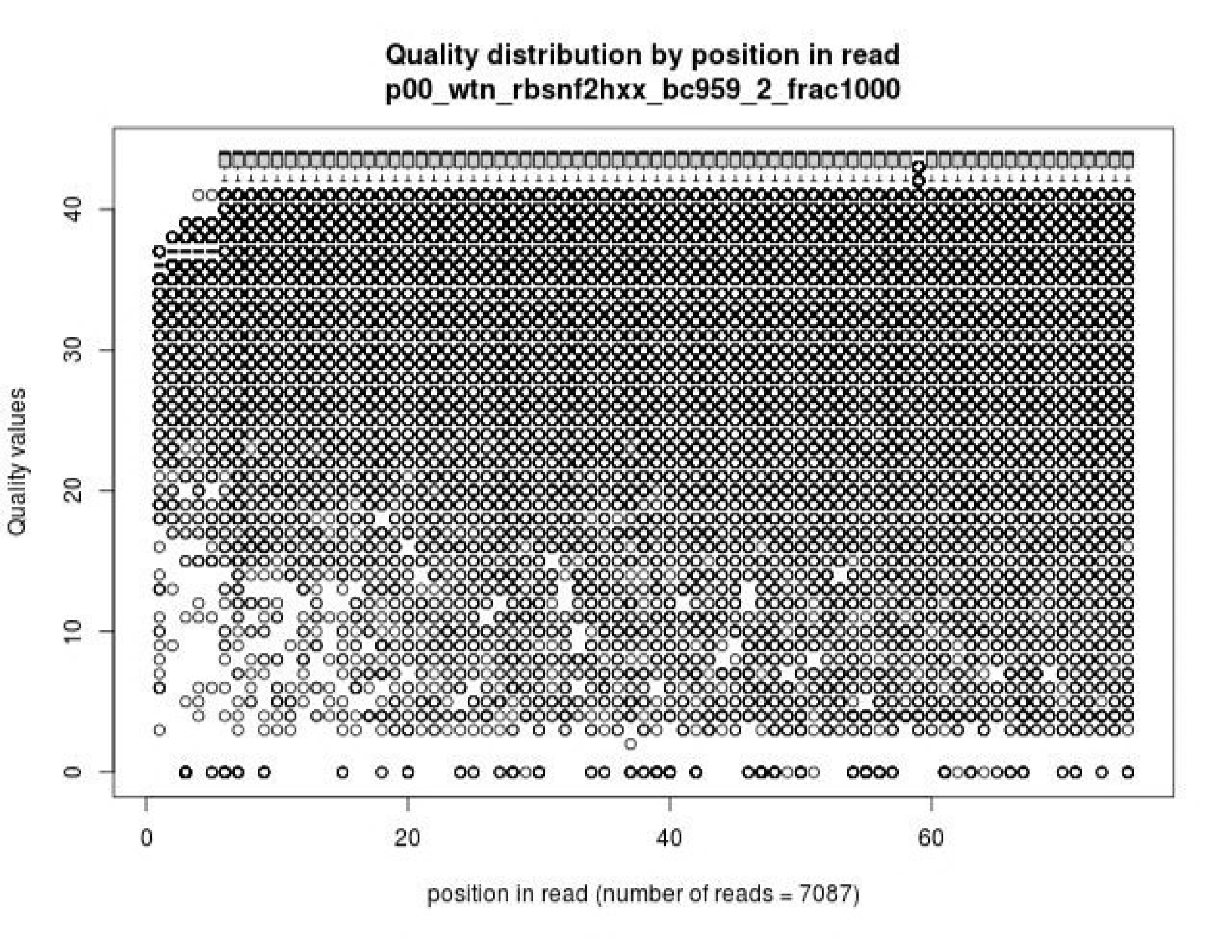

Quality distribution by position in read
p00_wtn_rbsnf2hxx_bc957_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10410)

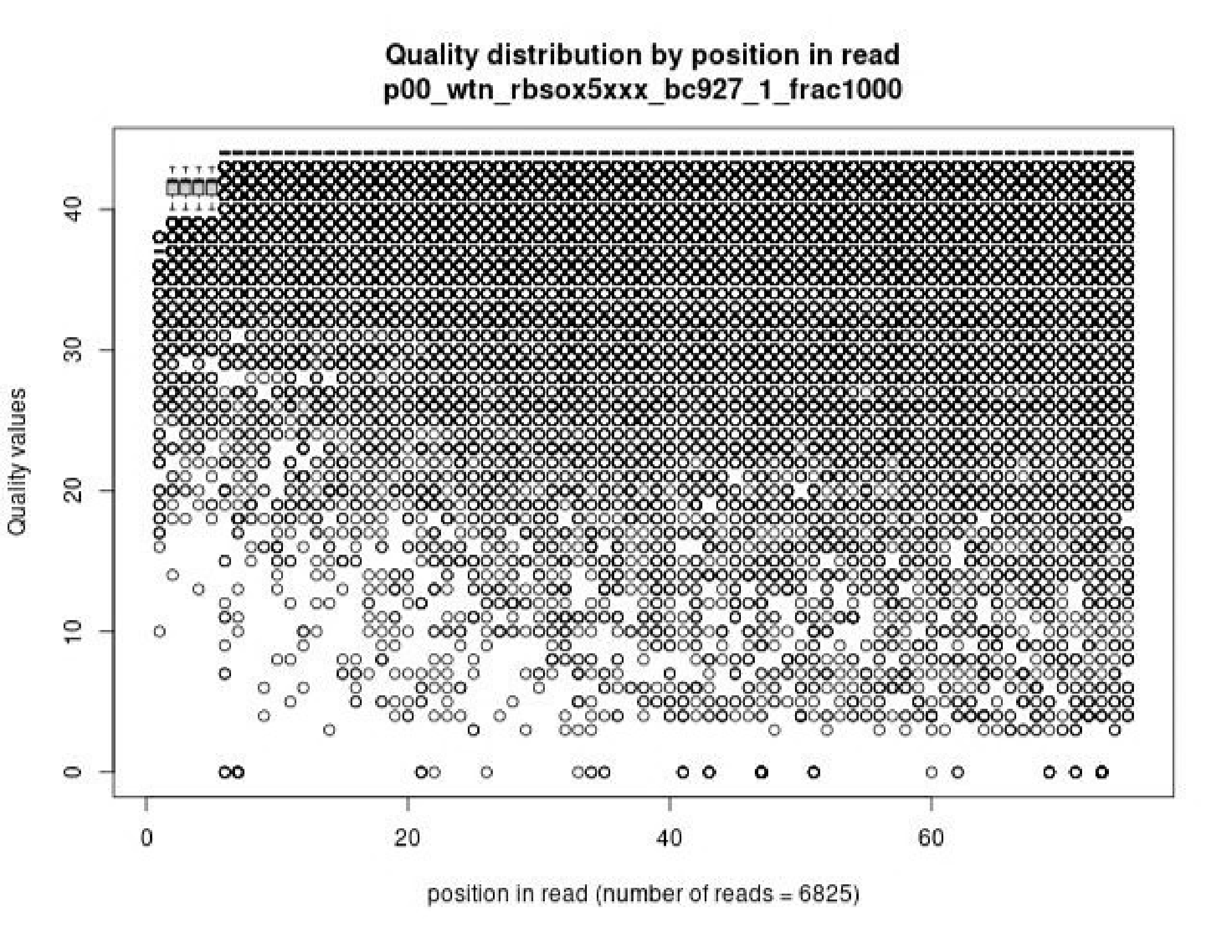

Quality distribution by position in read
p00_wtn_rbsnf2hxx_bc957_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10410)

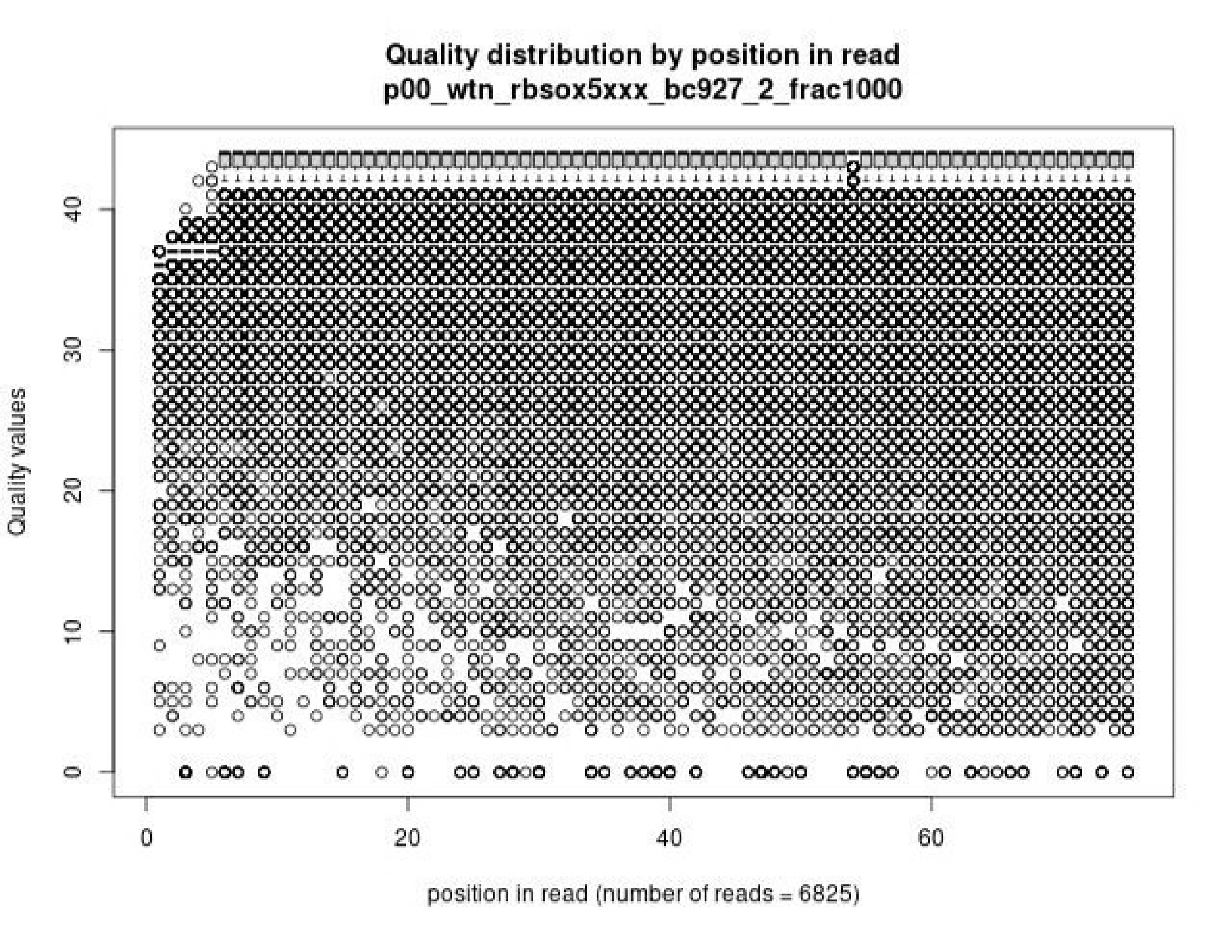

Quality distribution by position in read
p00_wtn_rbsnf2hxx_bc958_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8528)

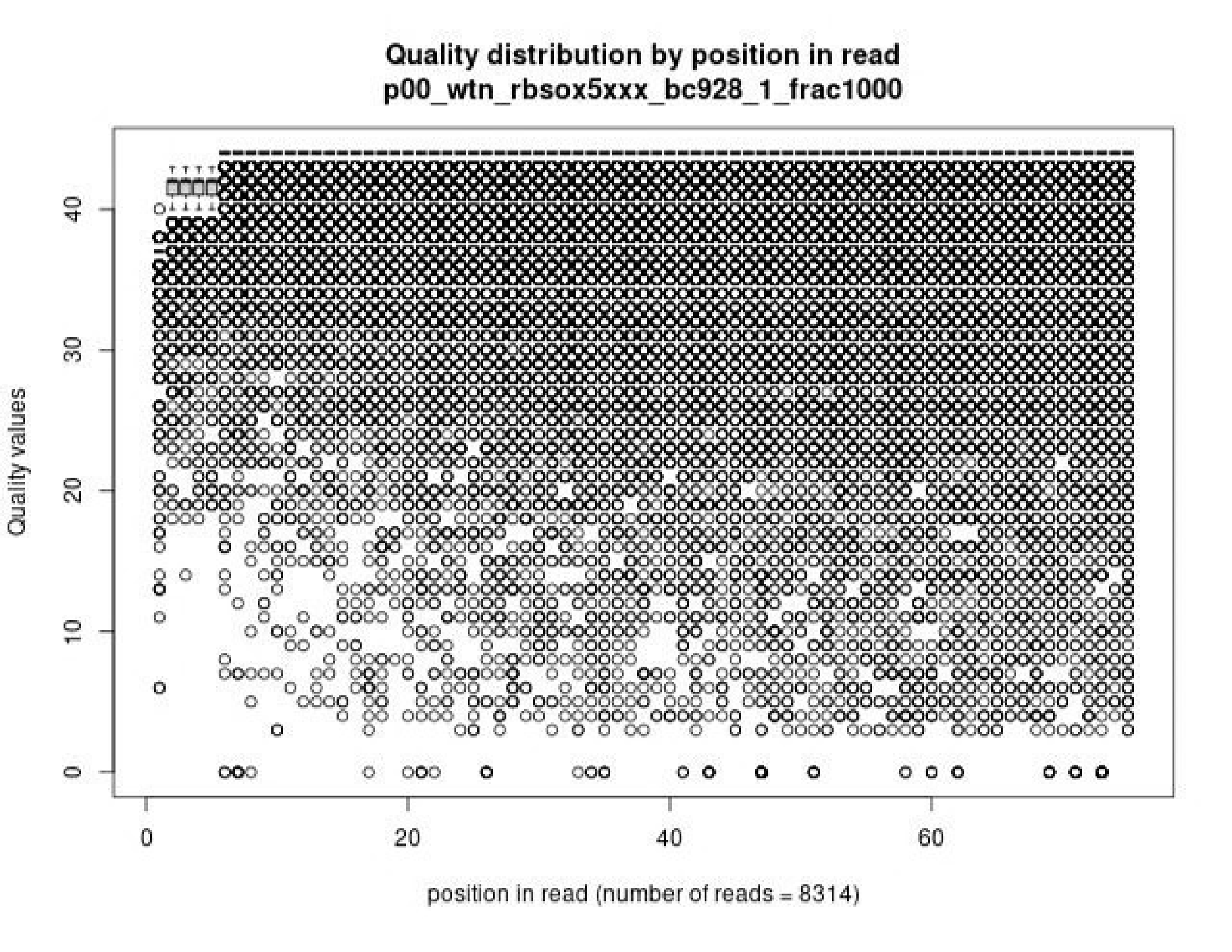

Quality distribution by position in read
p00_wtn_rbsnf2hxx_bc958_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8528)

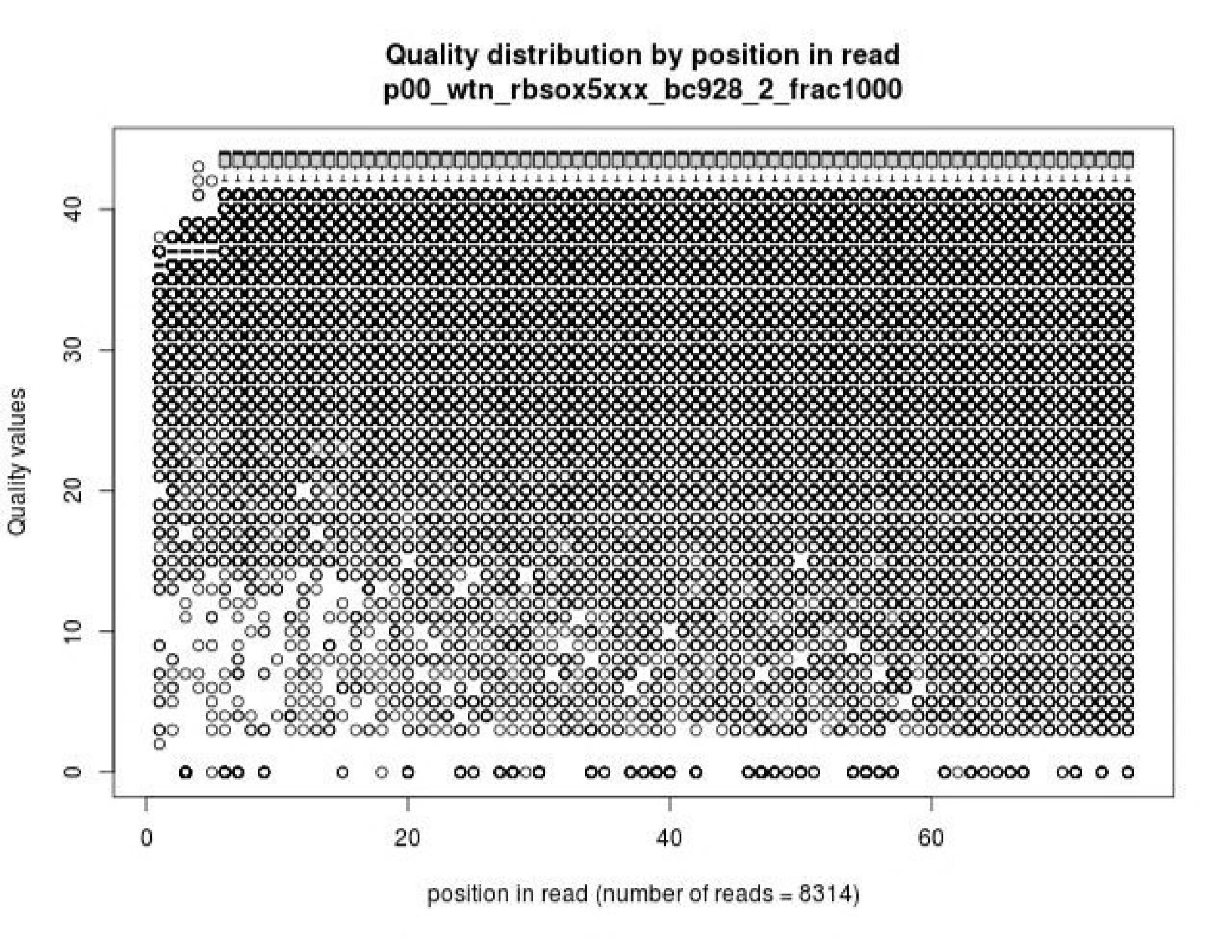

Quality distribution by position in read
p00_wtn_rbsnf2hxx_bc959_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7087)

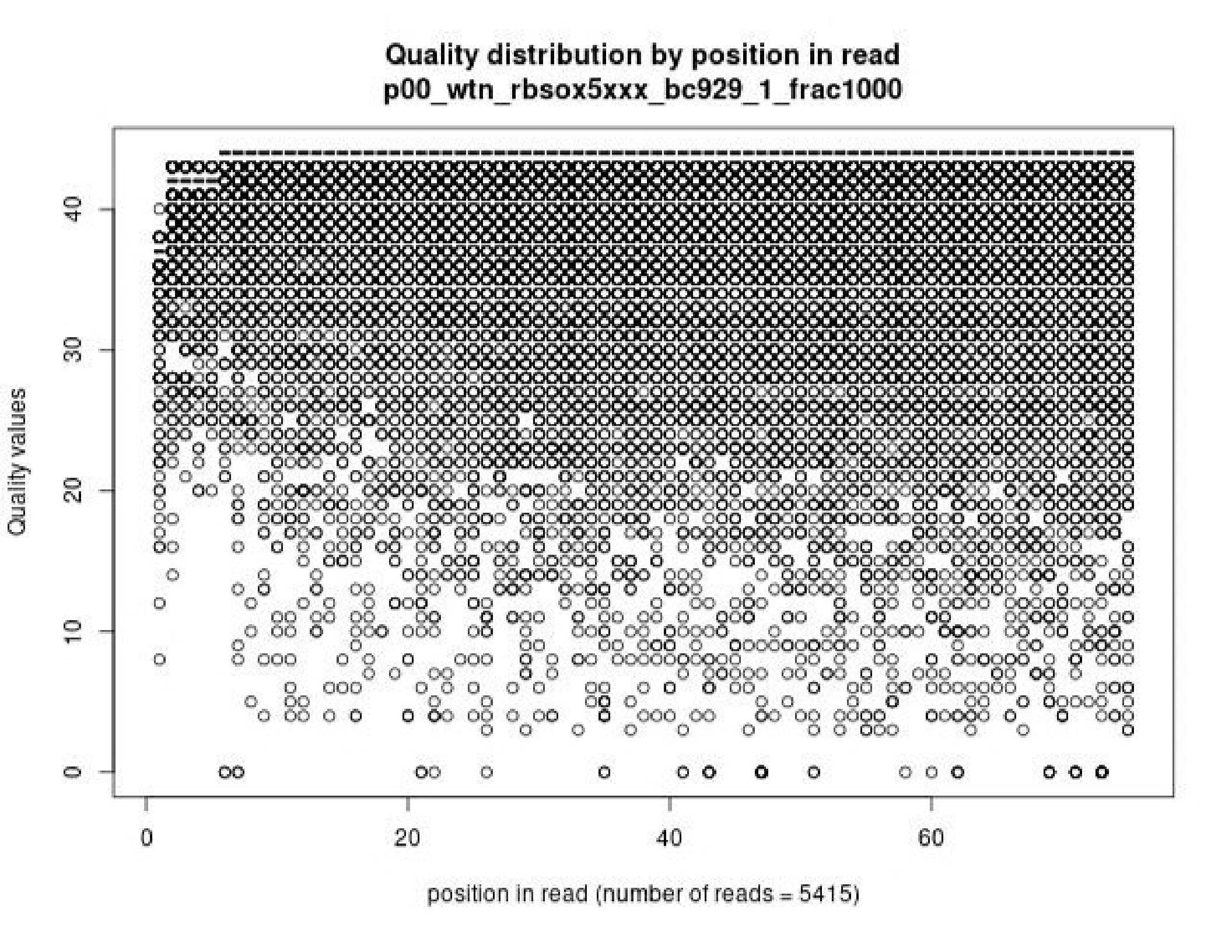

Quality distribution by position in read
p00_wtn_rbsnf2hxx_bc959_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 7087)

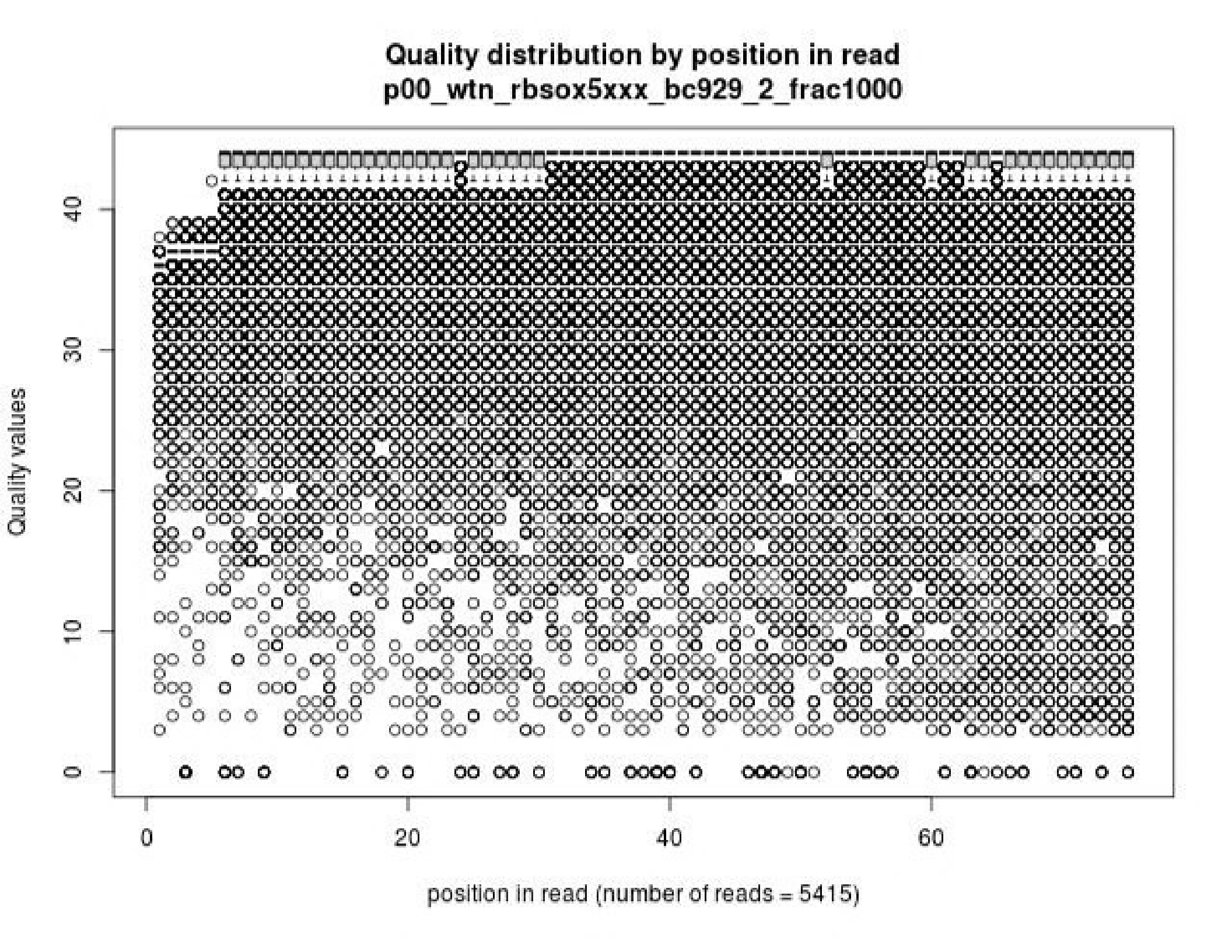

Quality distribution by position in read
p00_wtn_rbsox5xxx_bc927_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6825)

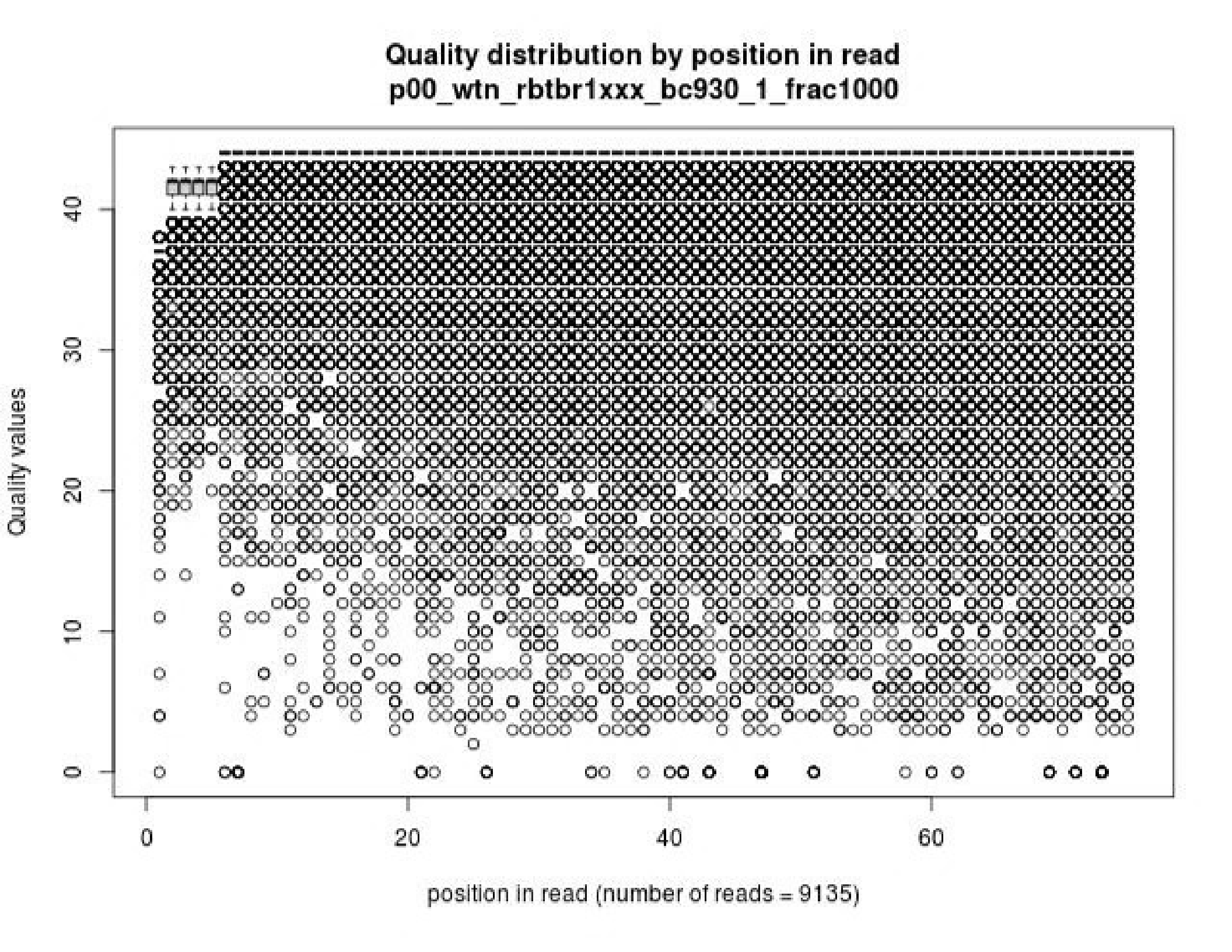

Quality distribution by position in read
p00_wtn_rbsox5xxx_bc927_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 6825)

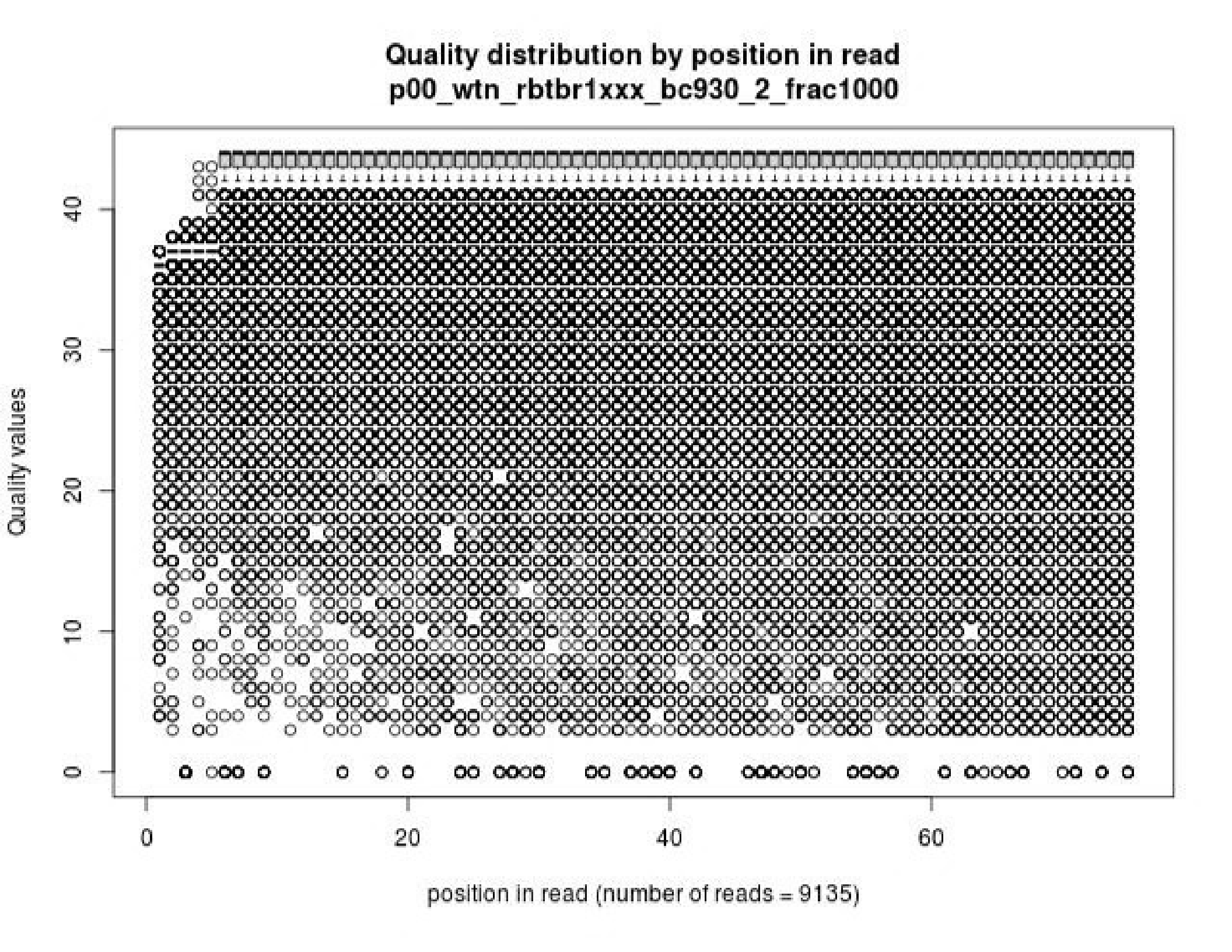

Quality distribution by position in read
p00_wtn_rbsox5xxx_bc928_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8314)

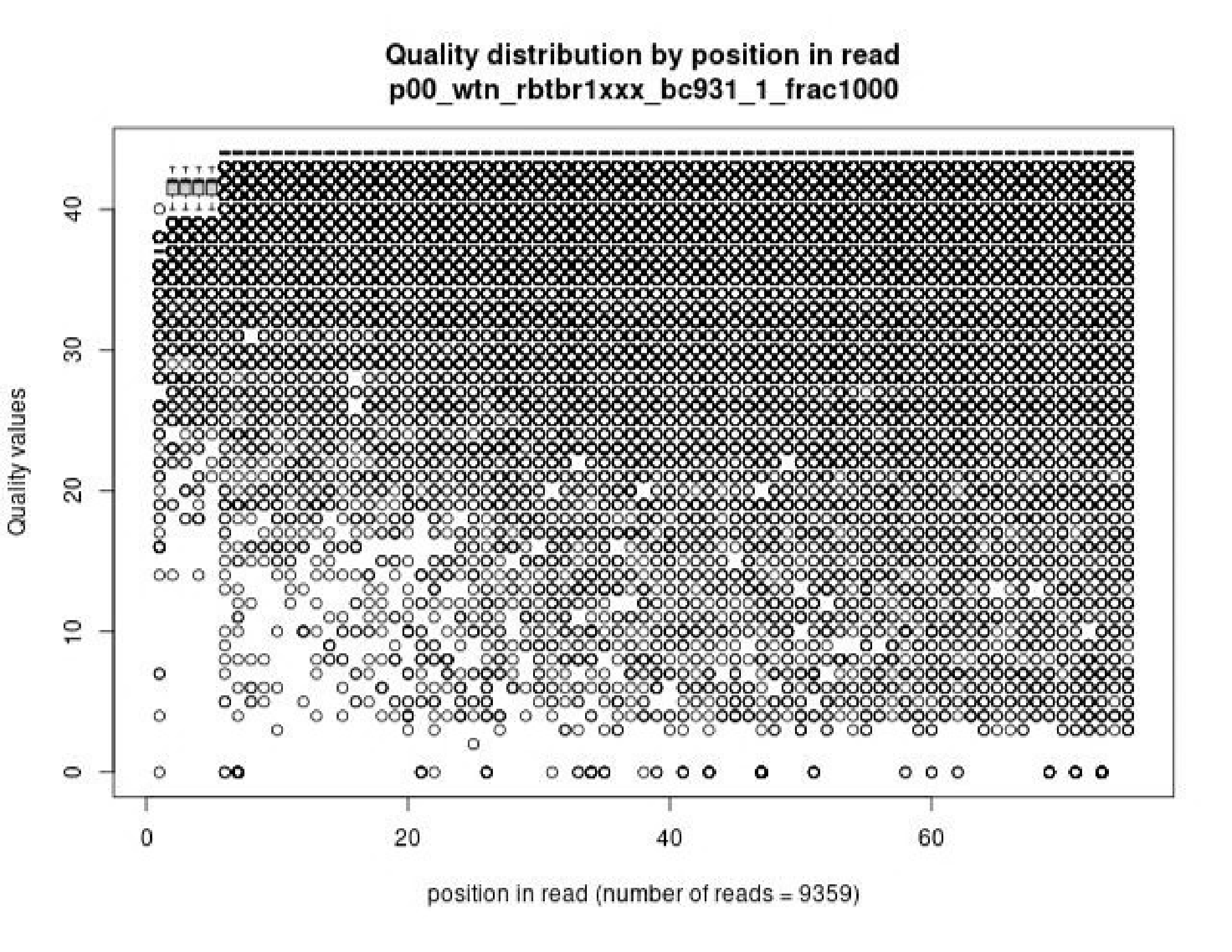

Quality distribution by position in read
p00_wtn_rbsox5xxx_bc928_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8314)

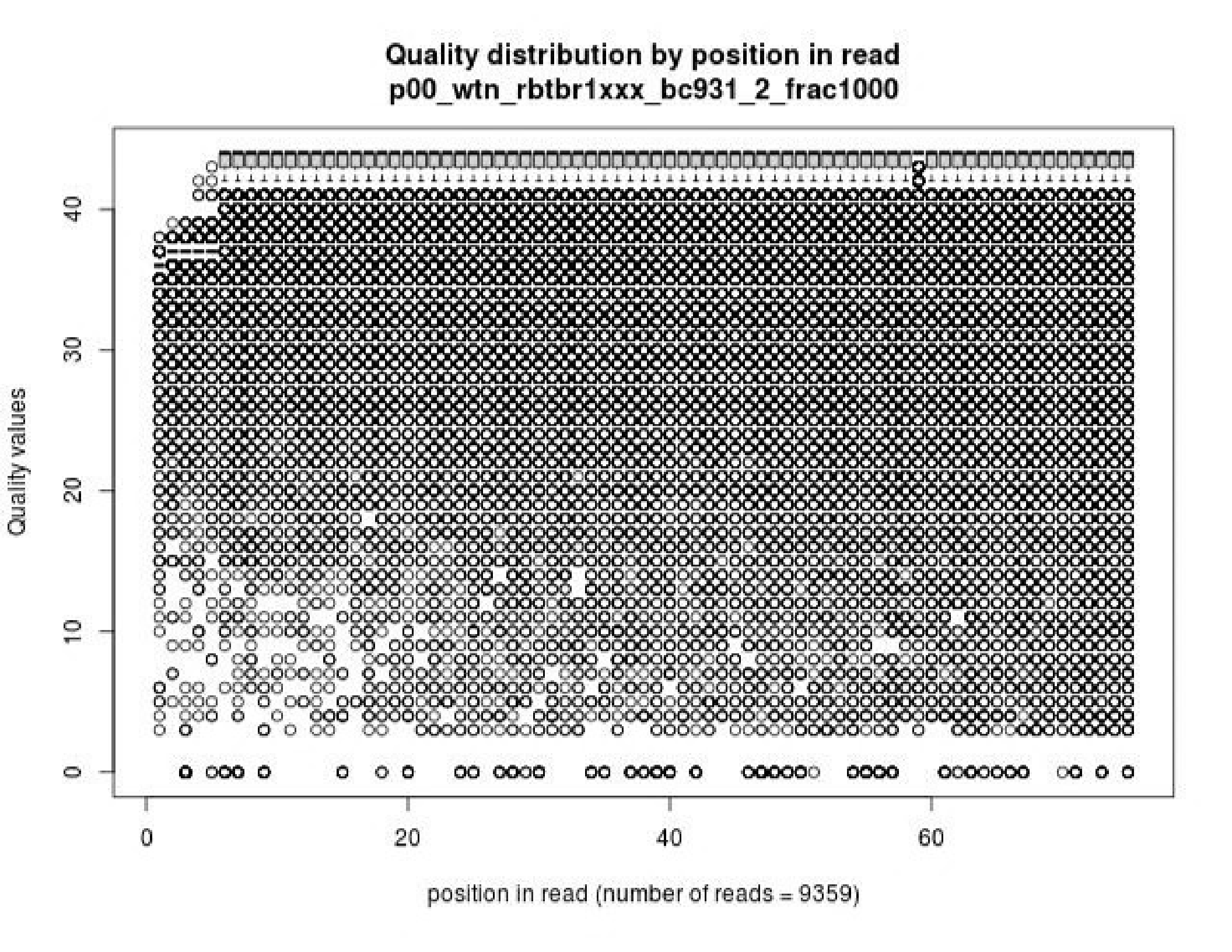

Quality distribution by position in read
p00_wtn_rbsox5xxx_bc929_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 5415)

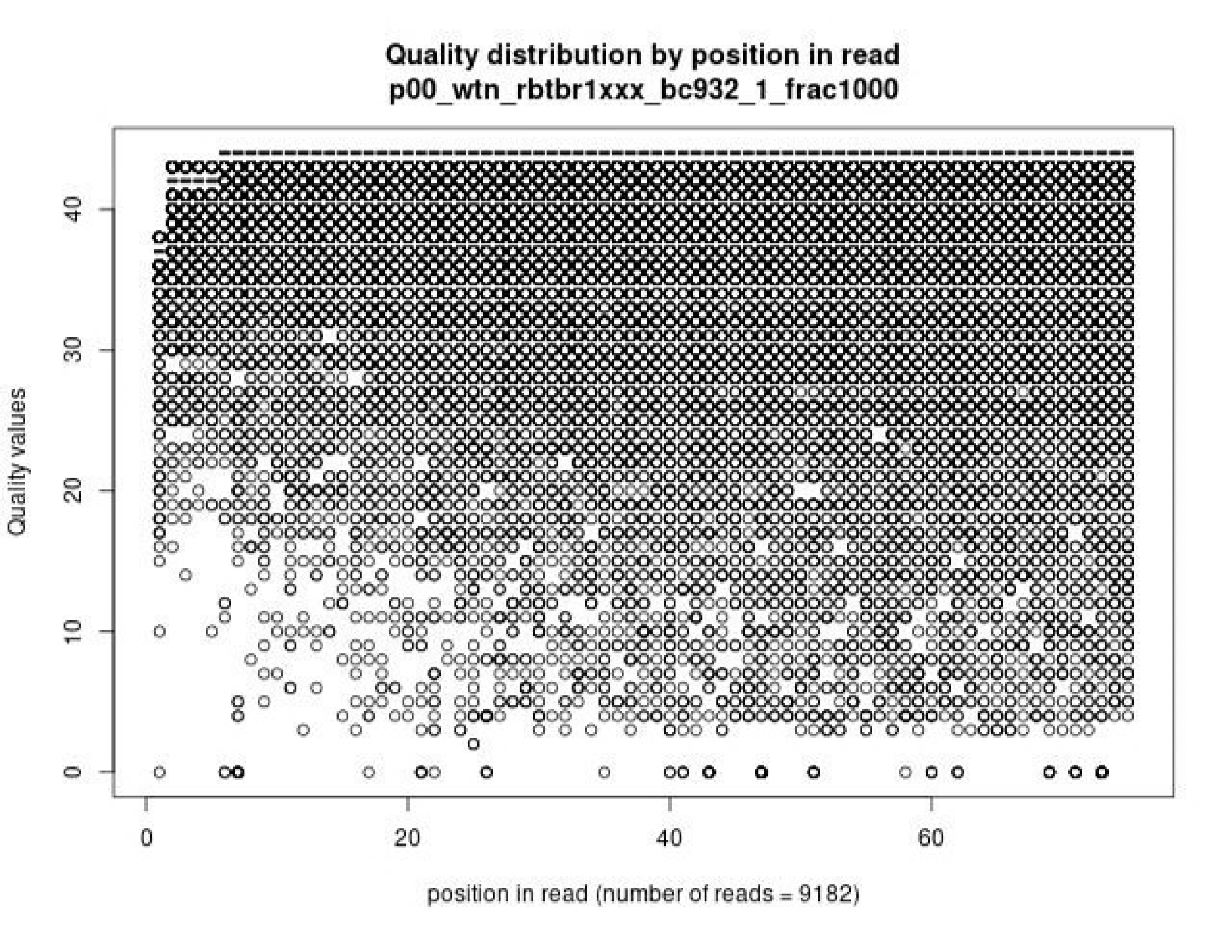

Quality distribution by position in read
p00_wtn_rbsox5xxx_bc929_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 5415)

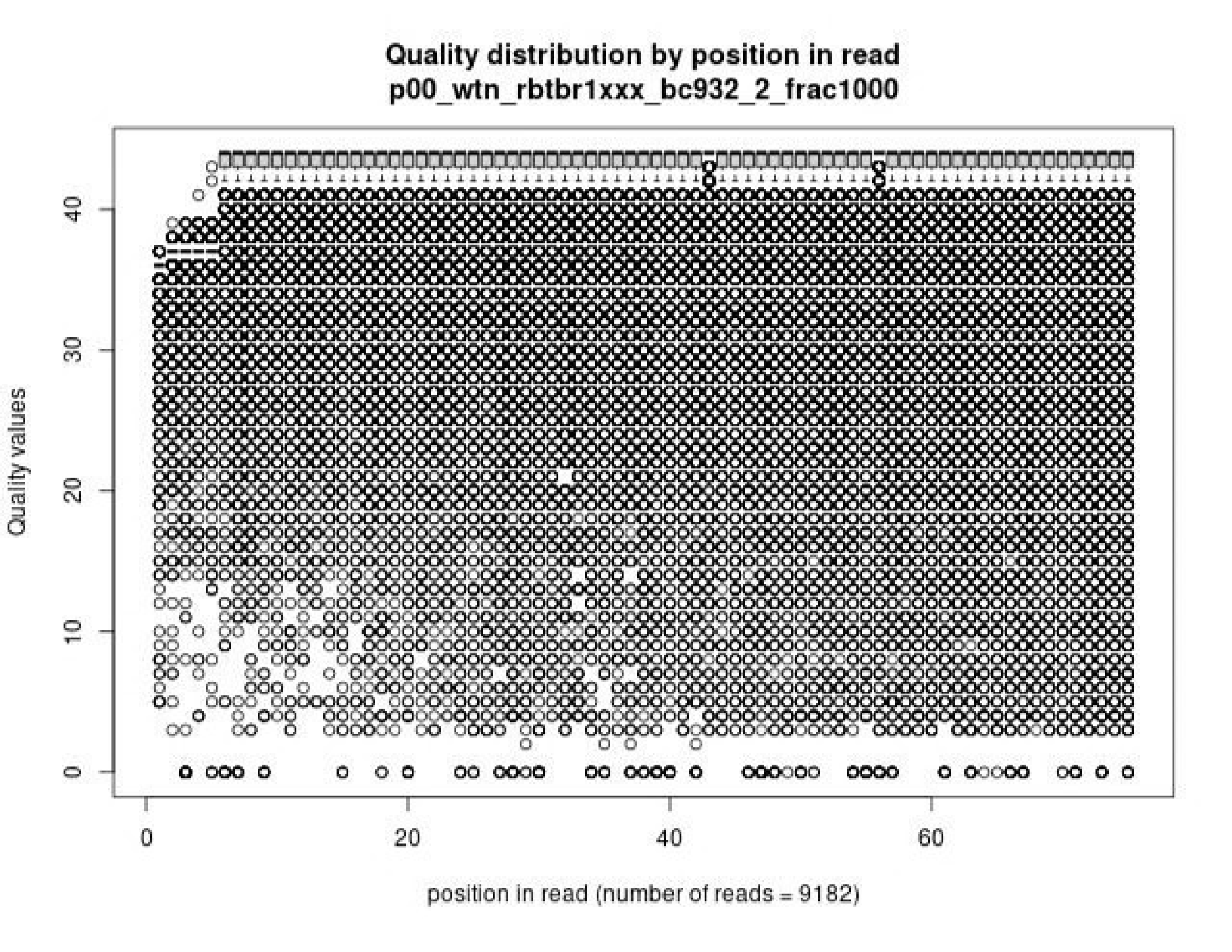

Quality distribution by position in read
p00_wtn_rbtbr1xxx_bc930_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9135)

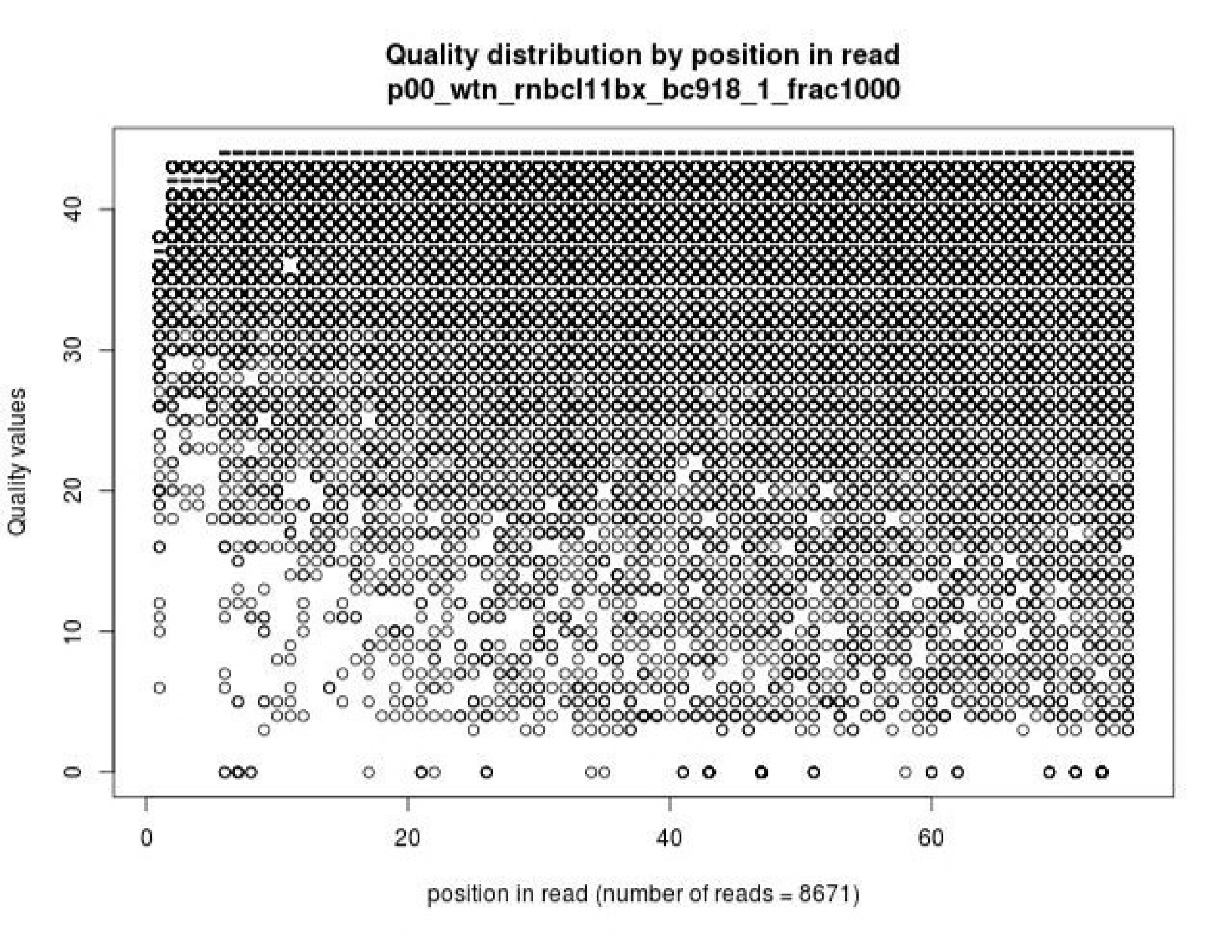

Quality distribution by position in read
p00_wtn_rbtbr1xxx_bc930_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9135)

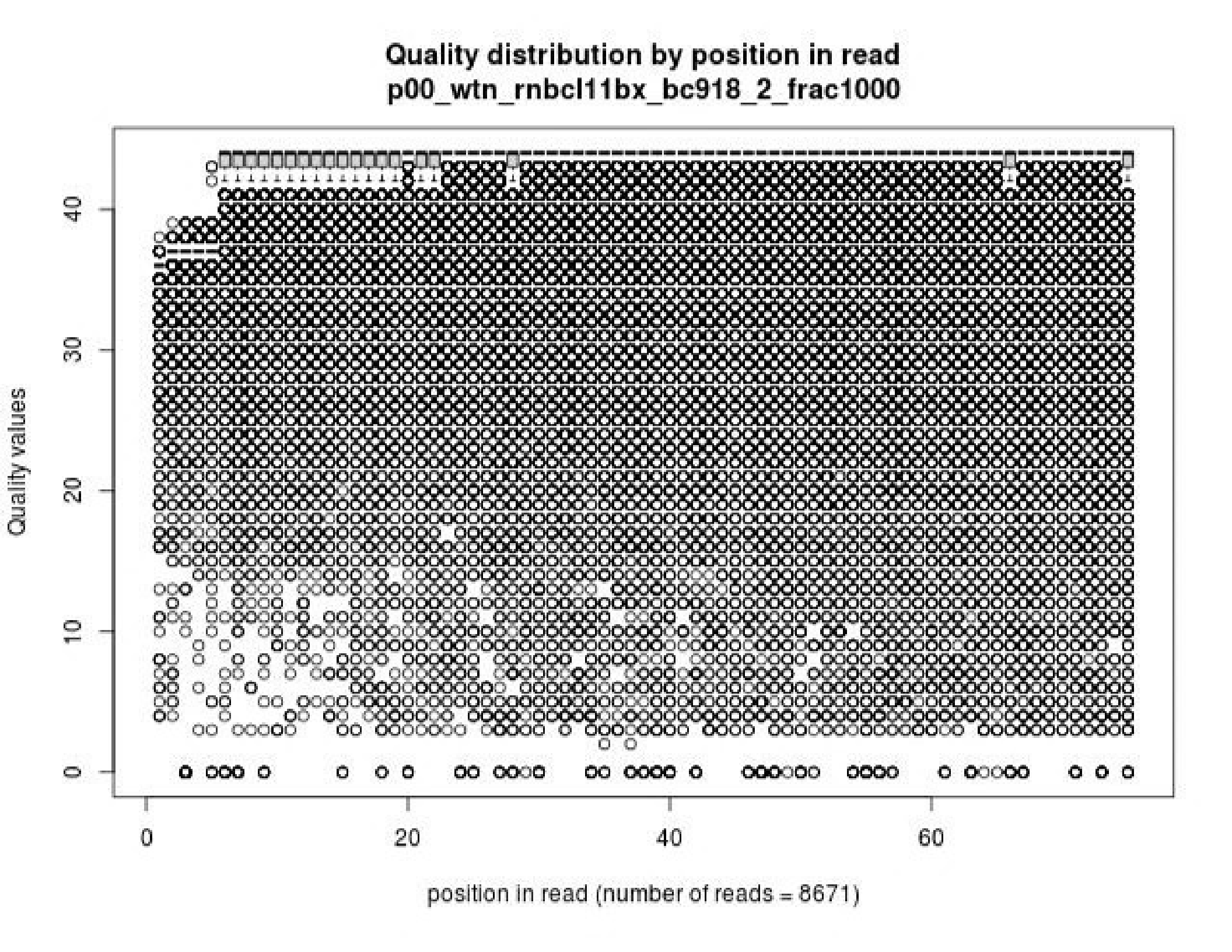

Quality distribution by position in read
p00_wtn_rbtbr1xxx_bc931_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9359)

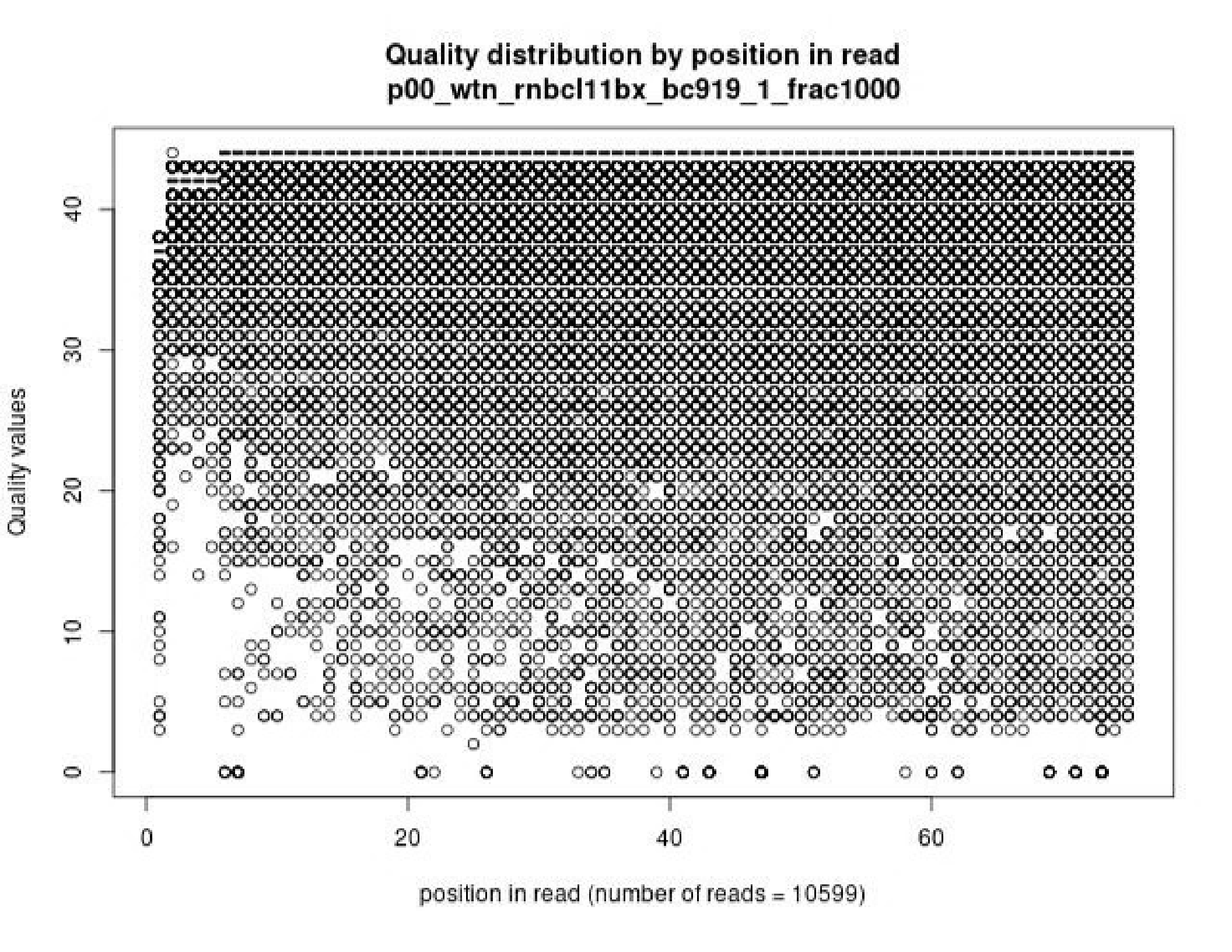

Quality distribution by position in read
p00_wtn_rbtbr1xxx_bc931_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9359)

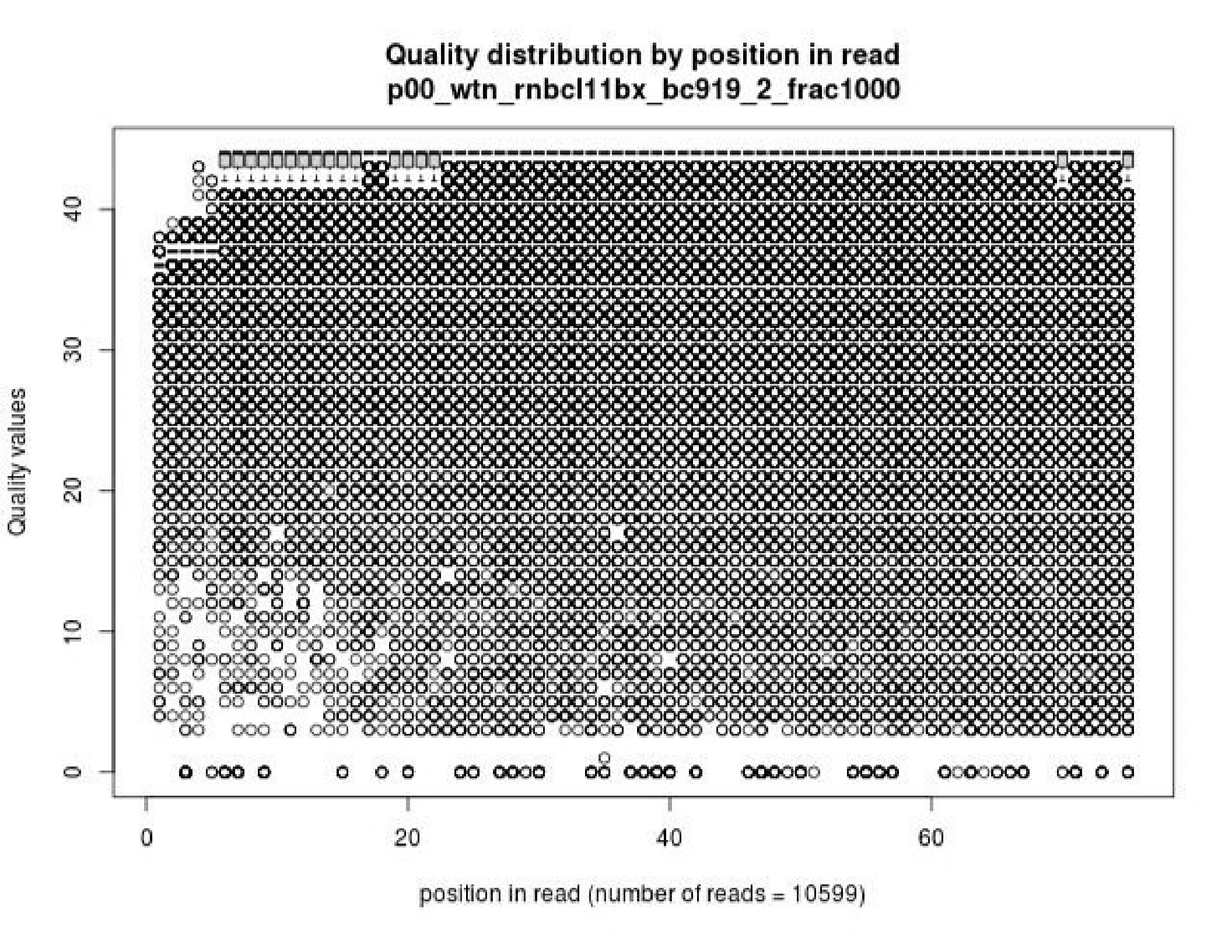

Quality distribution by position in read
p00_wtn_rbtbr1xxx_bc932_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9182)

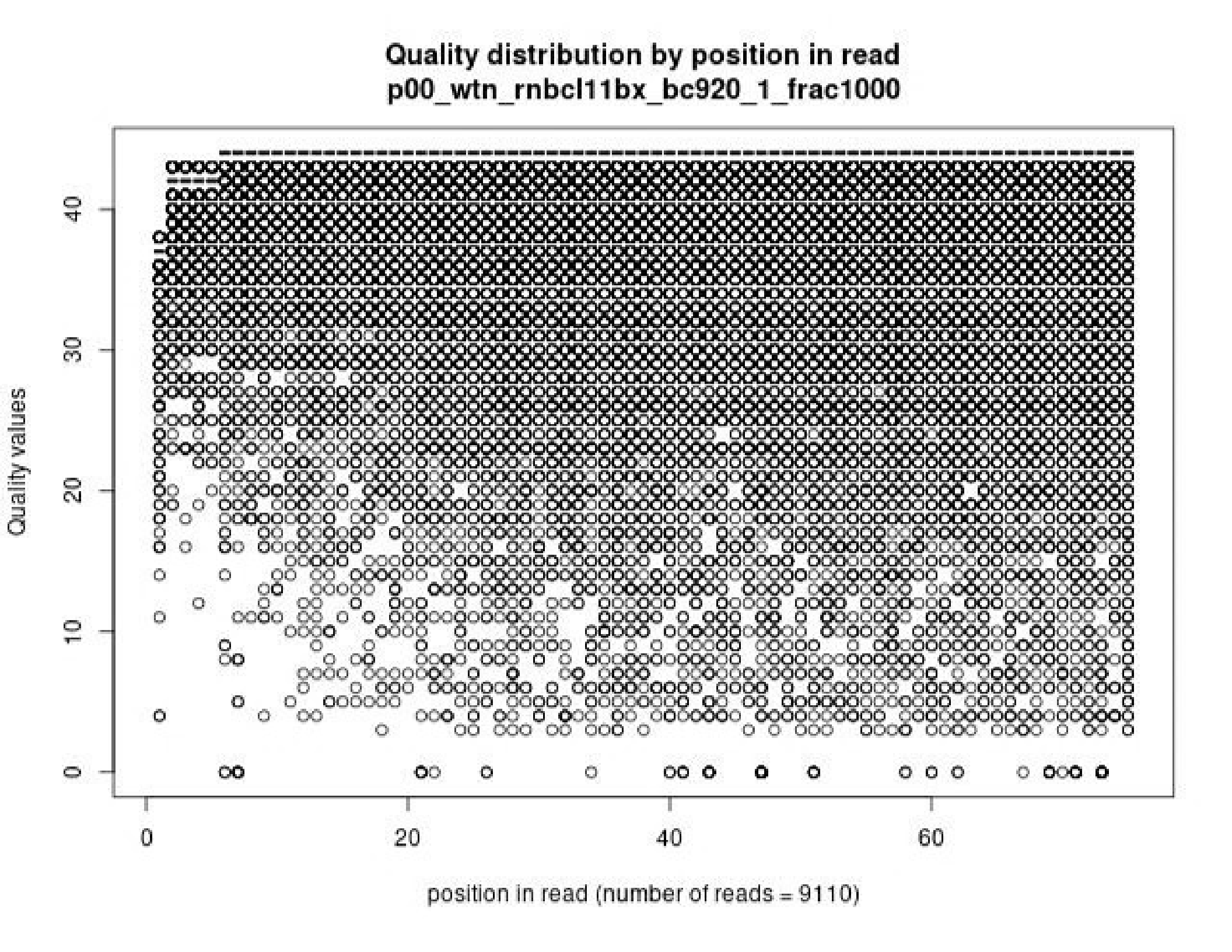

Quality distribution by position in read
p00_wtn_rbtbr1xxx_bc932_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9182)

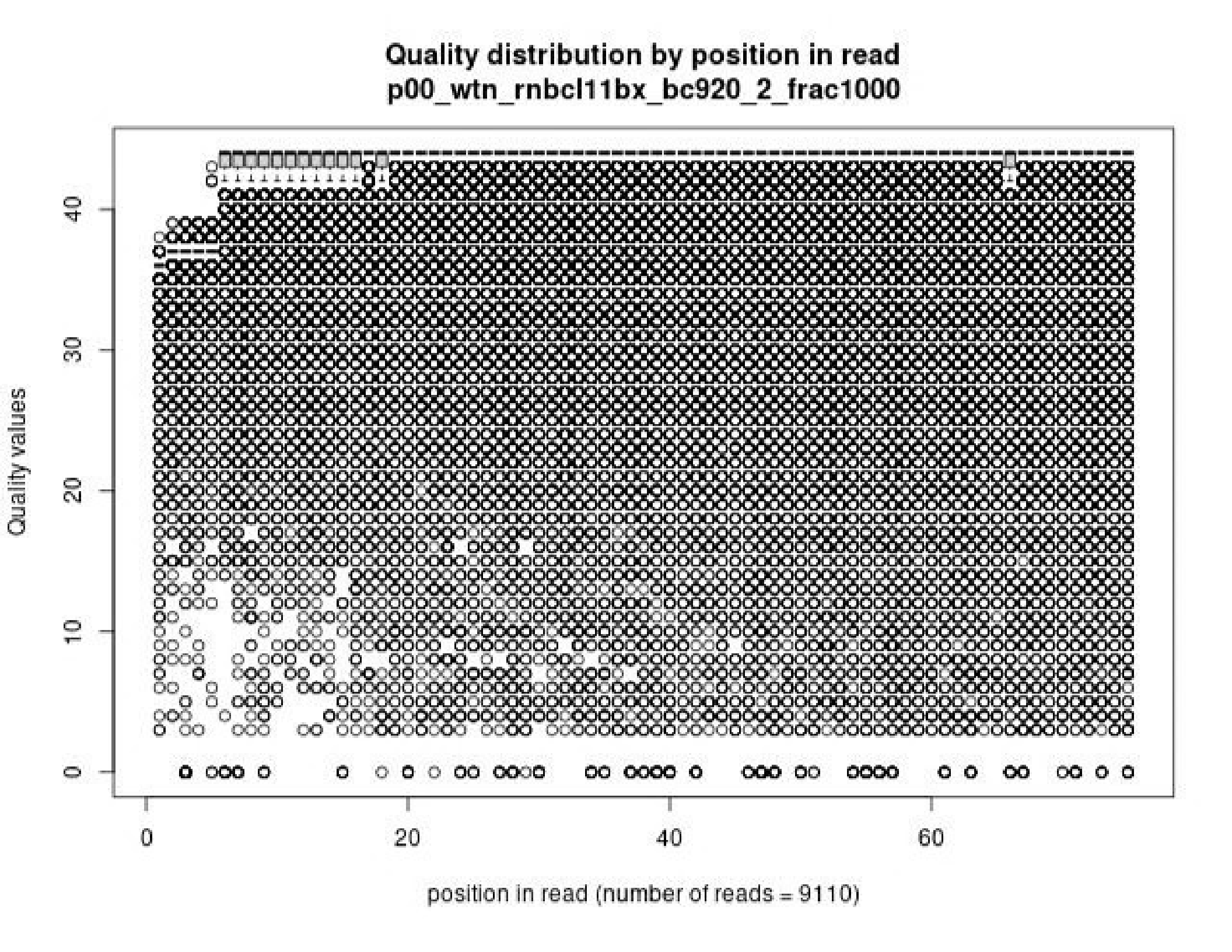

Quality distribution by position in read
p00_wtn_rnbcl11bx_bc918_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8671)


Quality distribution by position in read
p00_wtn_rnbcl11bx_bc918_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 8671)


Quality distribution by position in read
p00_wtn_rnbcl11bx_bc919_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10599)


Quality distribution by position in read
p00_wtn_rnbcl11bx_bc919_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 10599)


Quality distribution by position in read
p00_wtn_rnbcl11bx_bc920_1_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9110)


Quality distribution by position in read
p00_wtn_rnbcl11bx_bc920_2_frac1000
Quality values
0
10
20
30
40
0
20
40
60
position in read (number of reads = 9110)