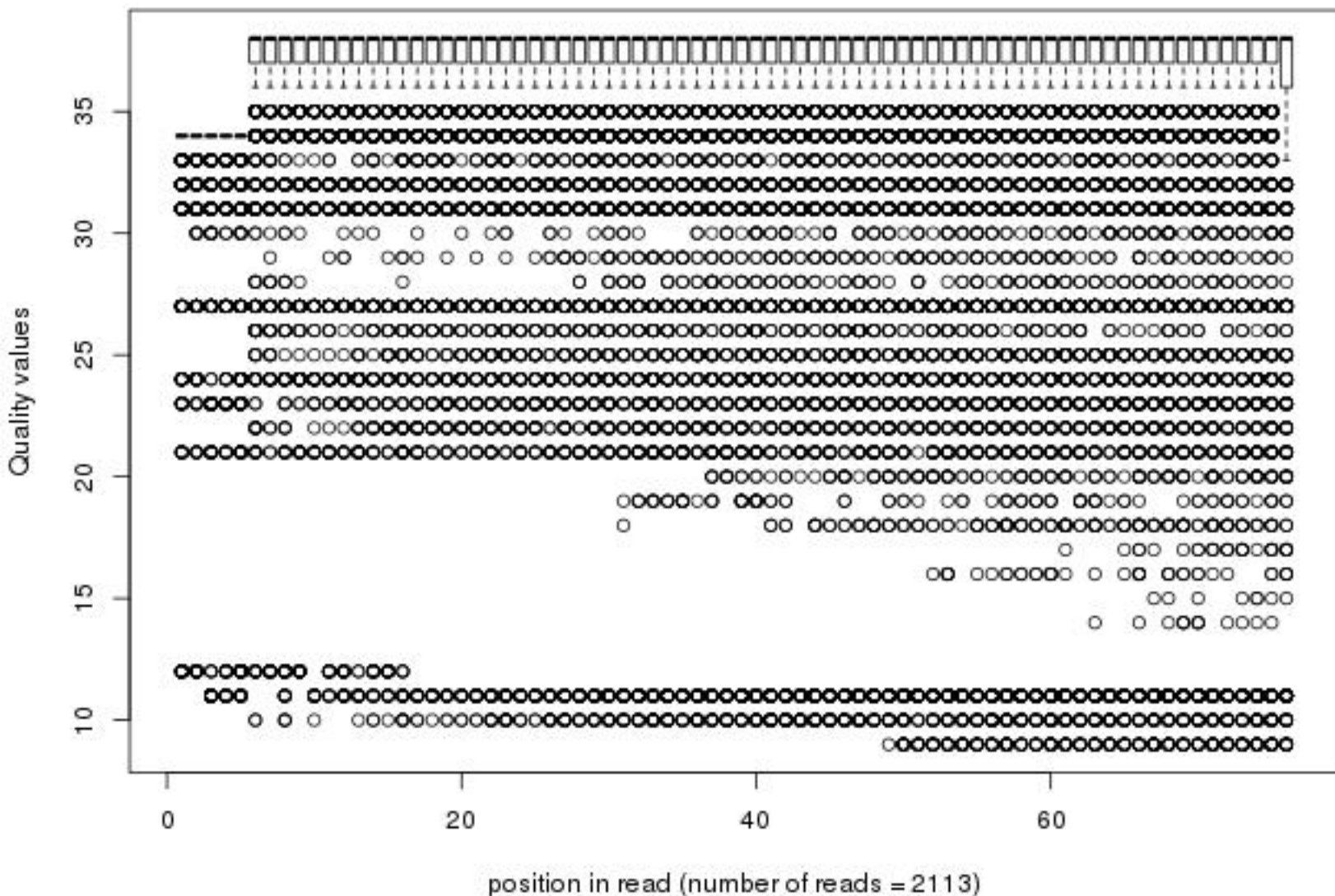
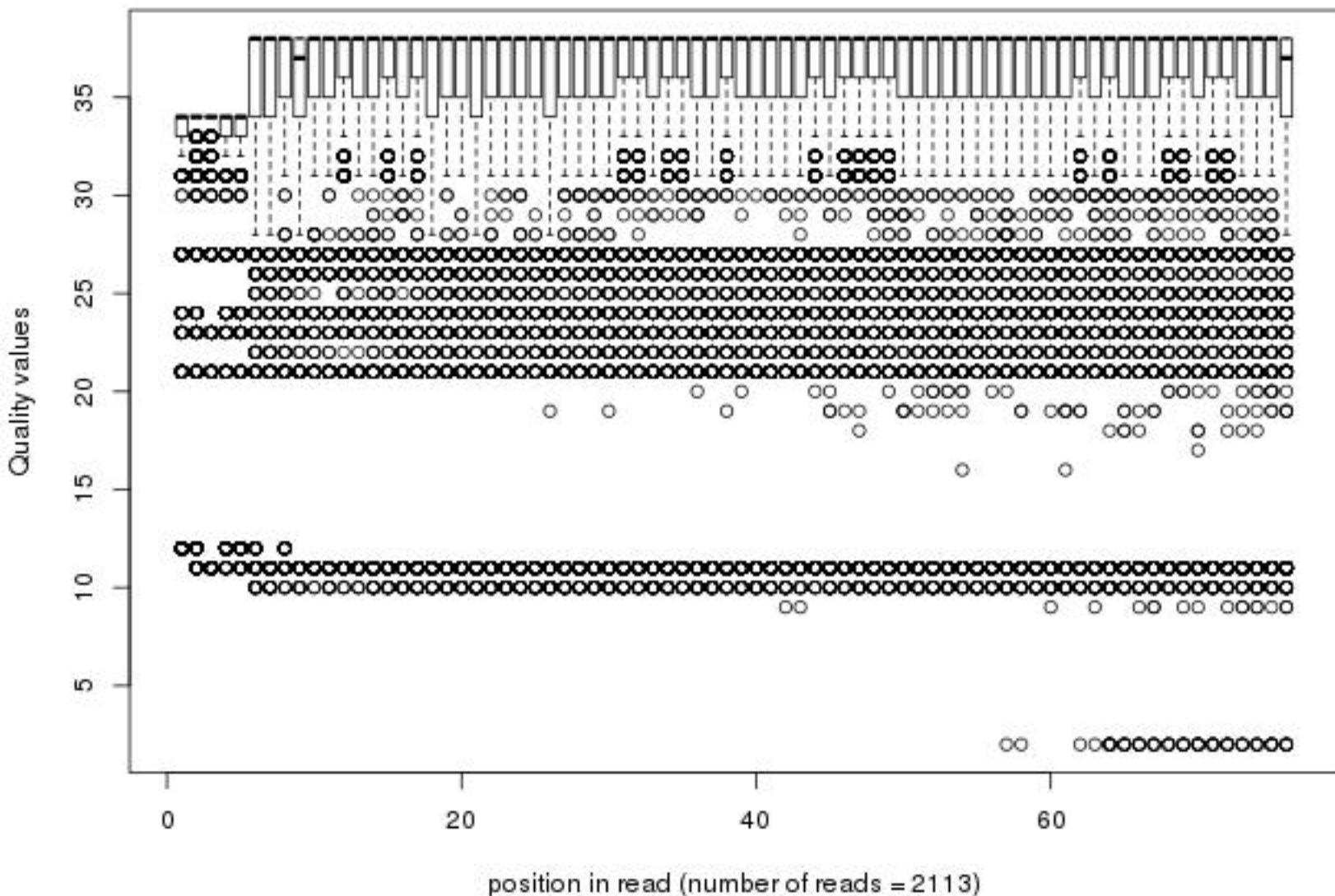


Quality distribution by position in read

hips_ctrln_jf046_1_frac50

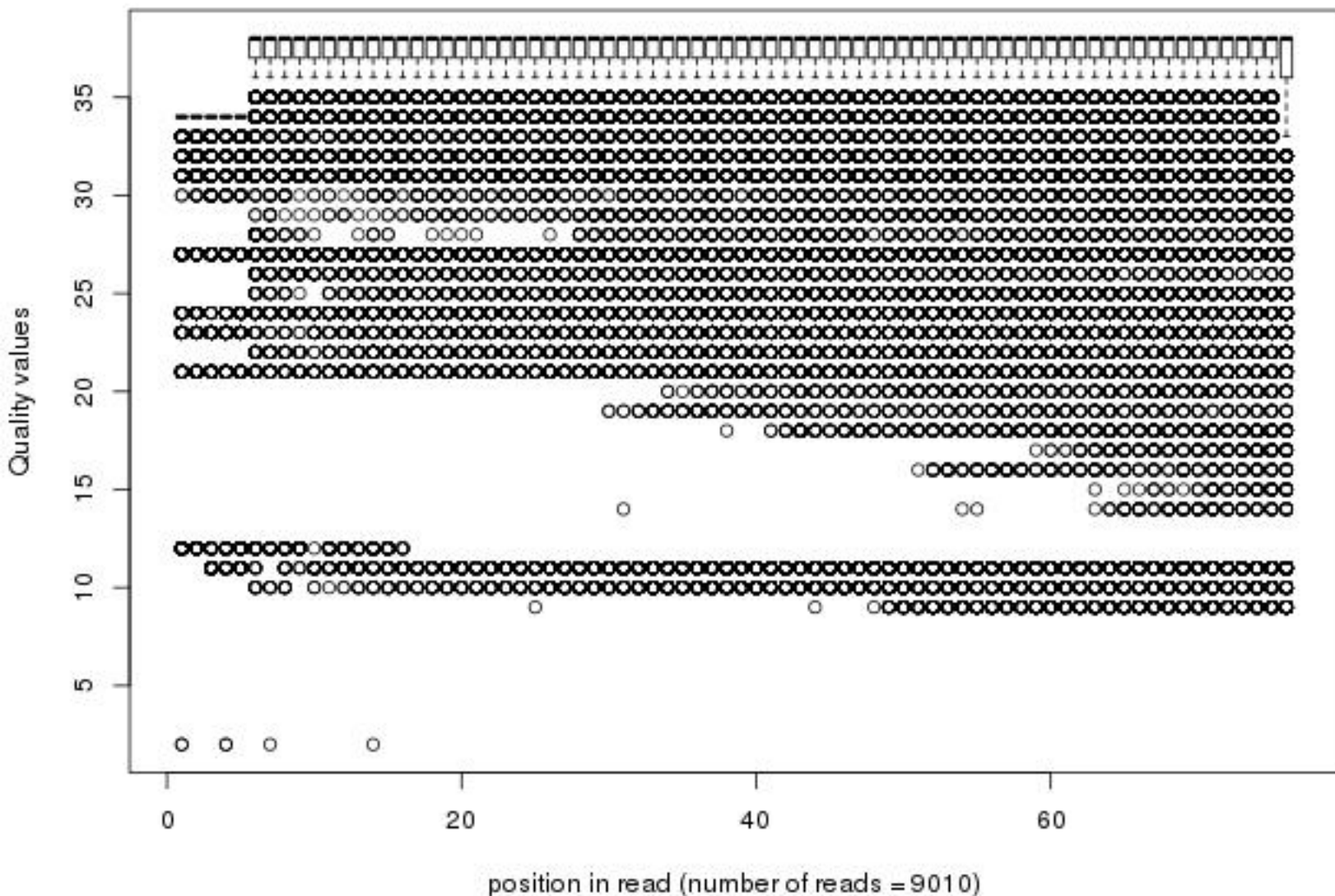


Quality distribution by position in read
hips_ctrln_jf046_2_frac50



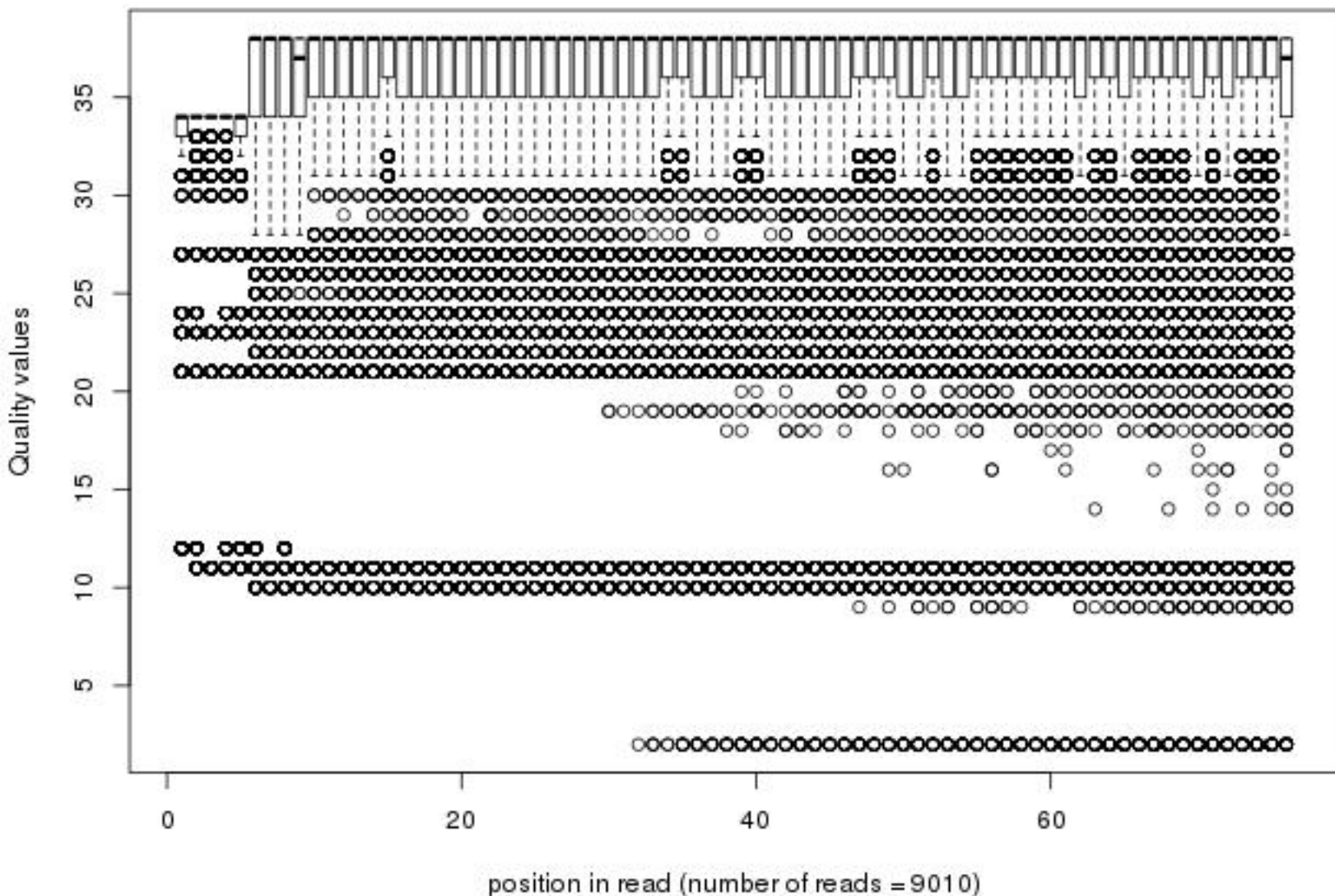
Quality distribution by position in read

hips_ctrln_jf047_1_frac50

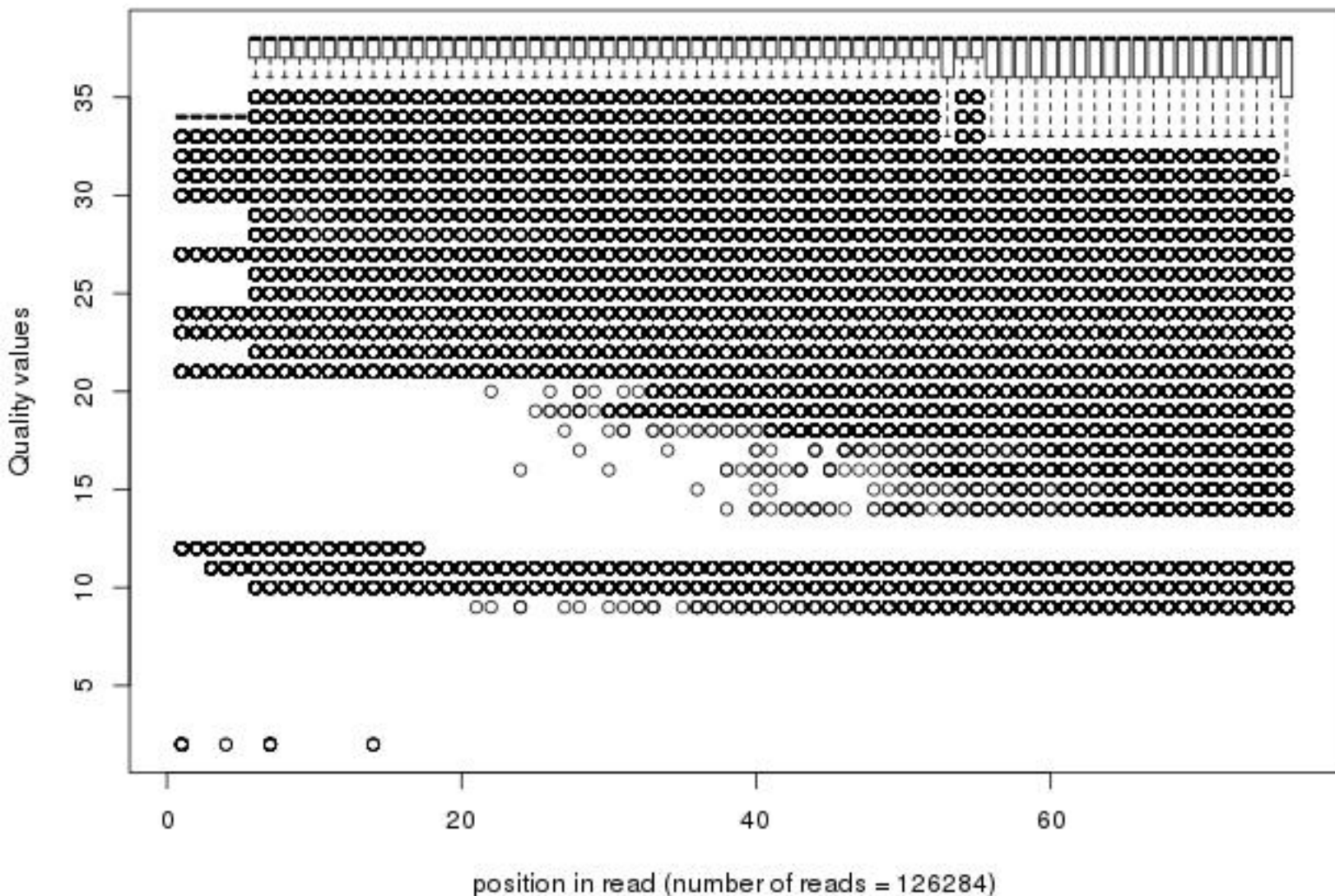


Quality distribution by position in read

hips_ctrln_jf047_2_frac50

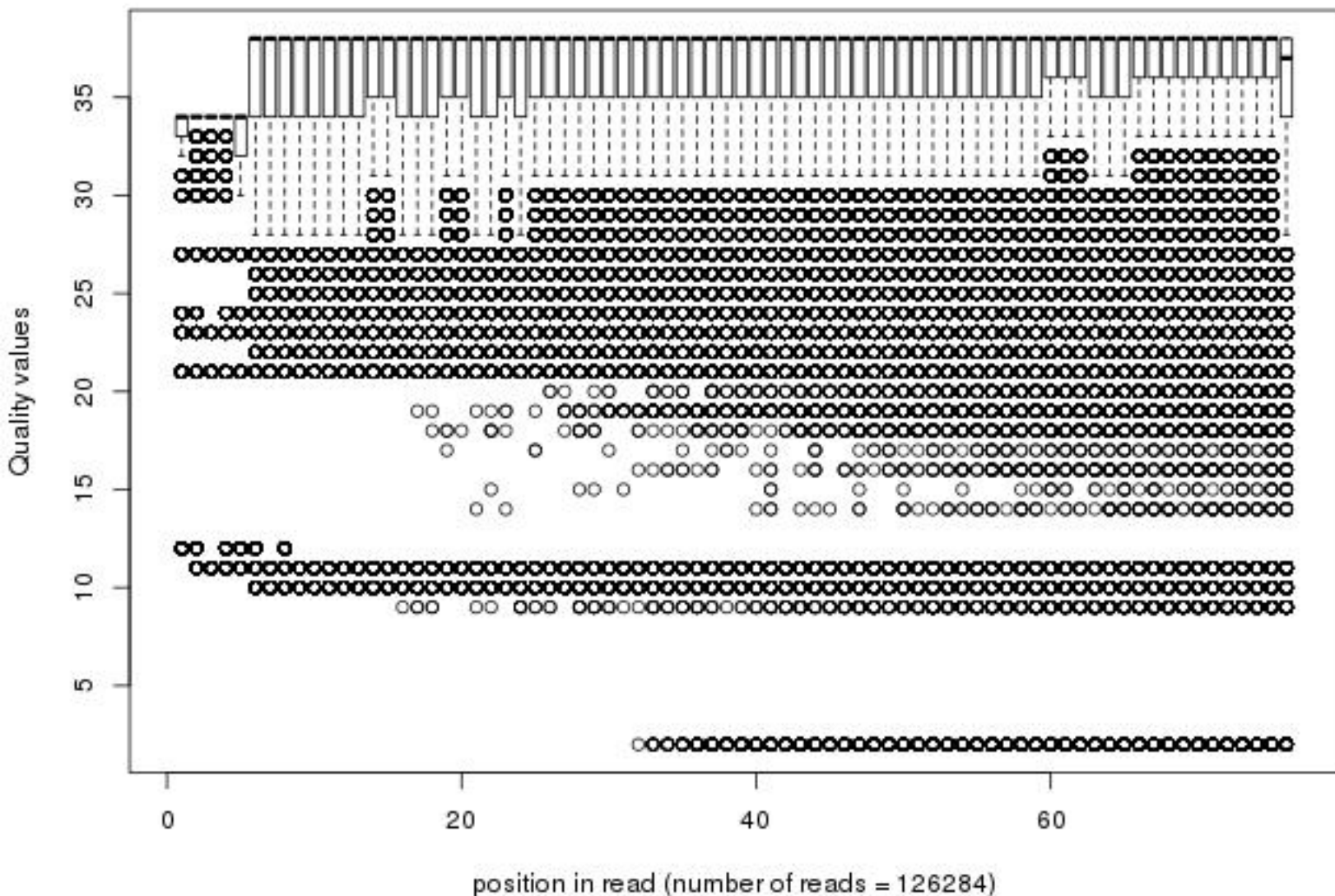


Quality distribution by position in read hips_ctrlld_jf048_1_frac50

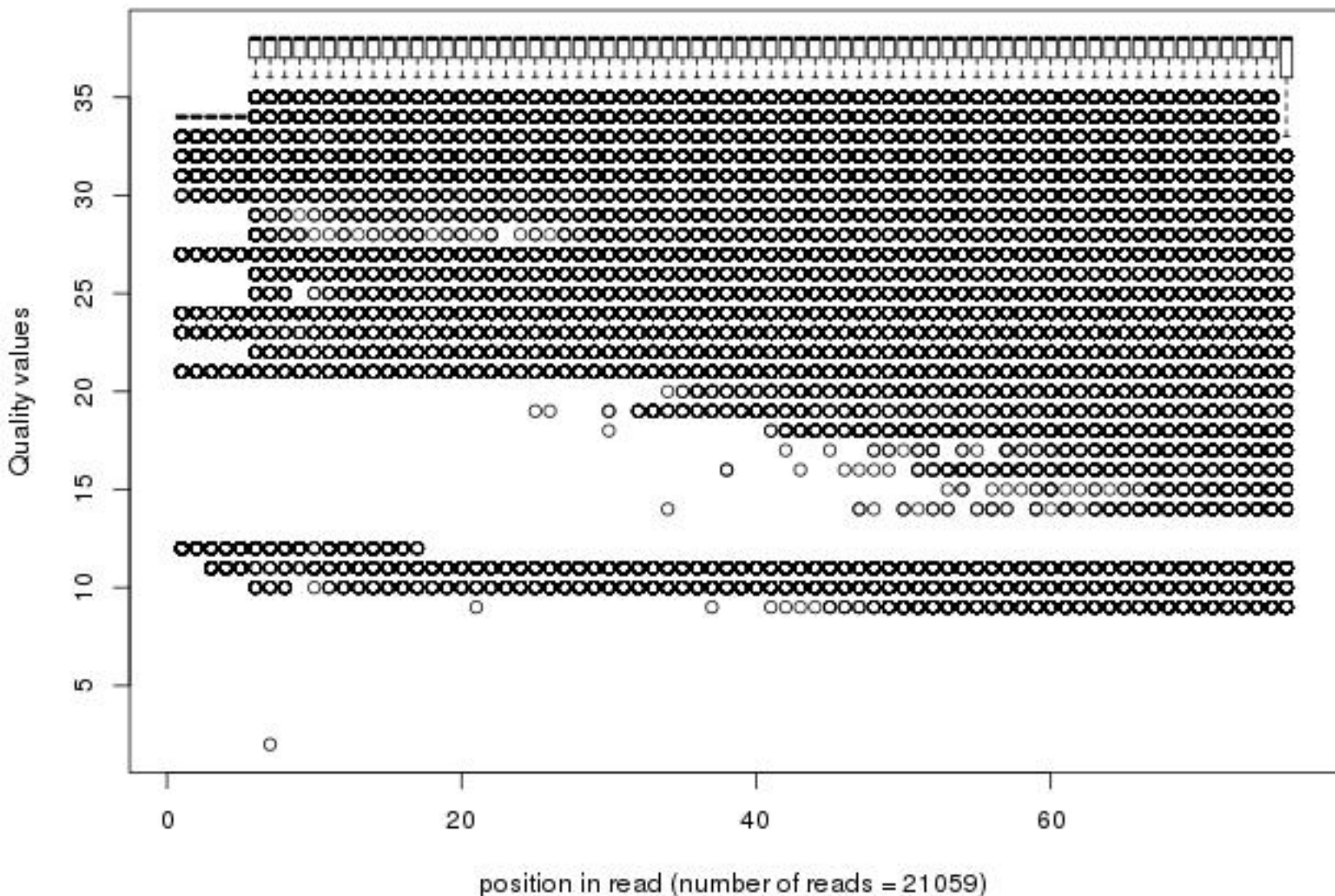


Quality distribution by position in read

hips_ctrlld_jf048_2_frac50

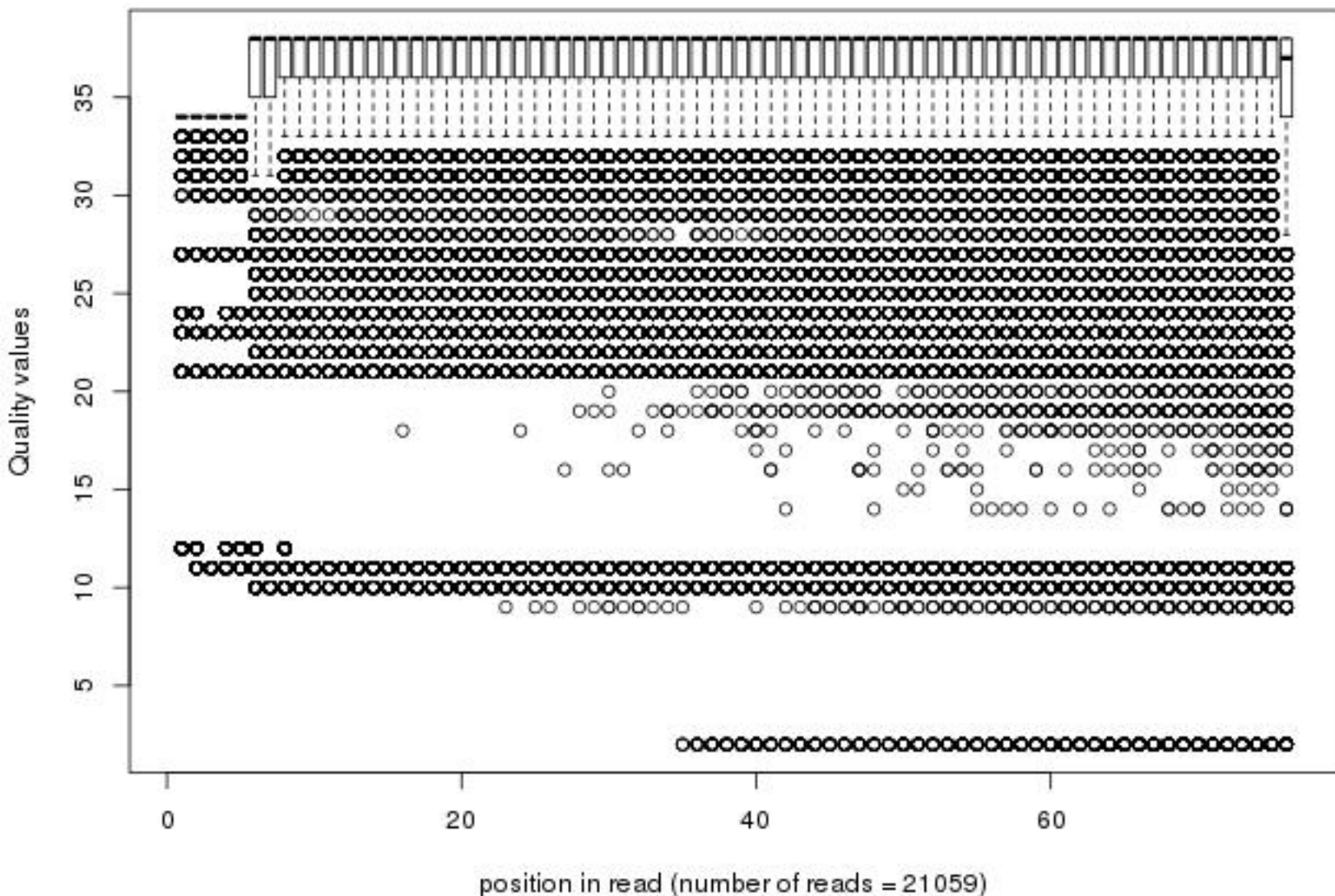


Quality distribution by position in read hips_ctrlld_jf049_1_frac50

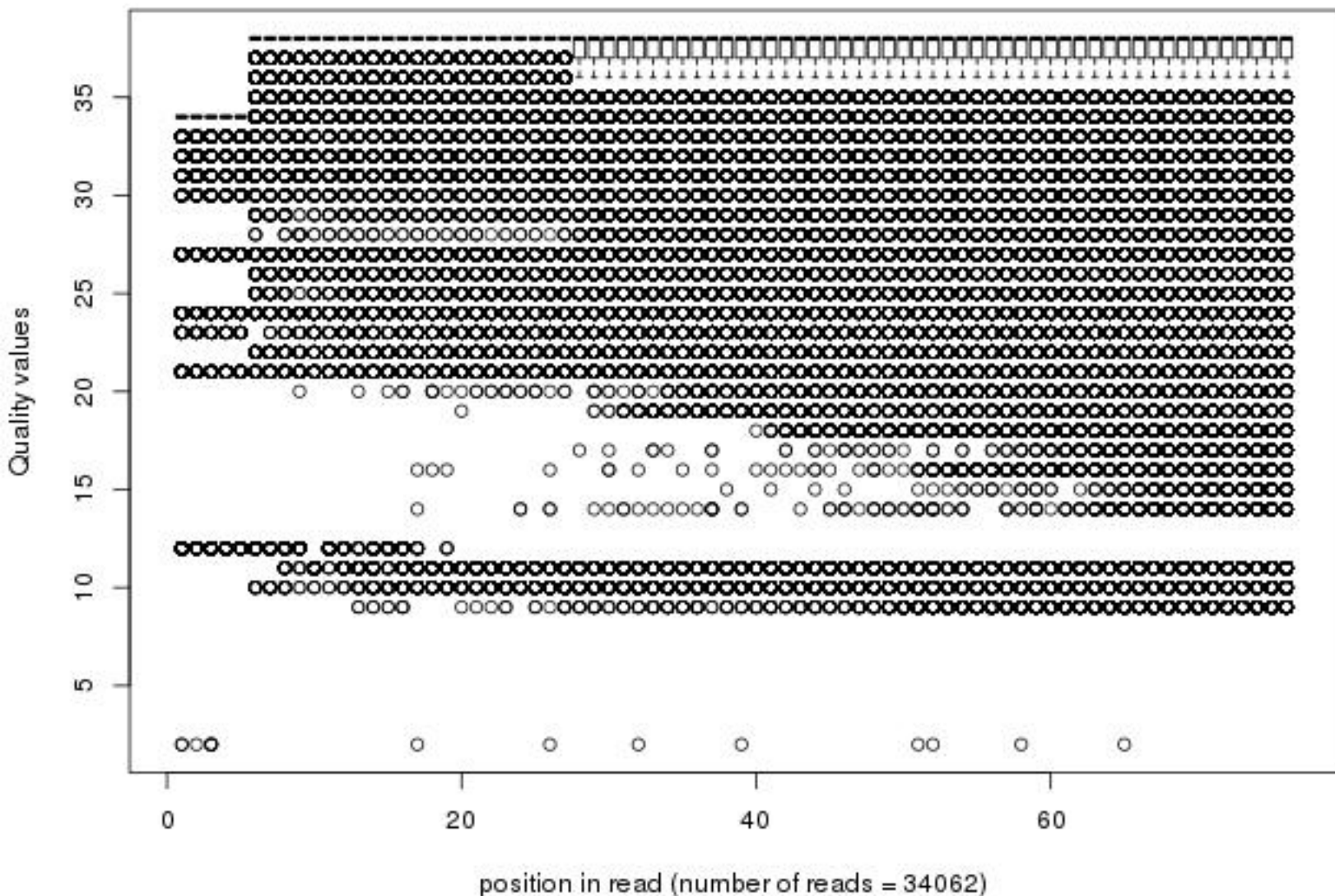


Quality distribution by position in read

hips_ctrlld_jf049_2_frac50

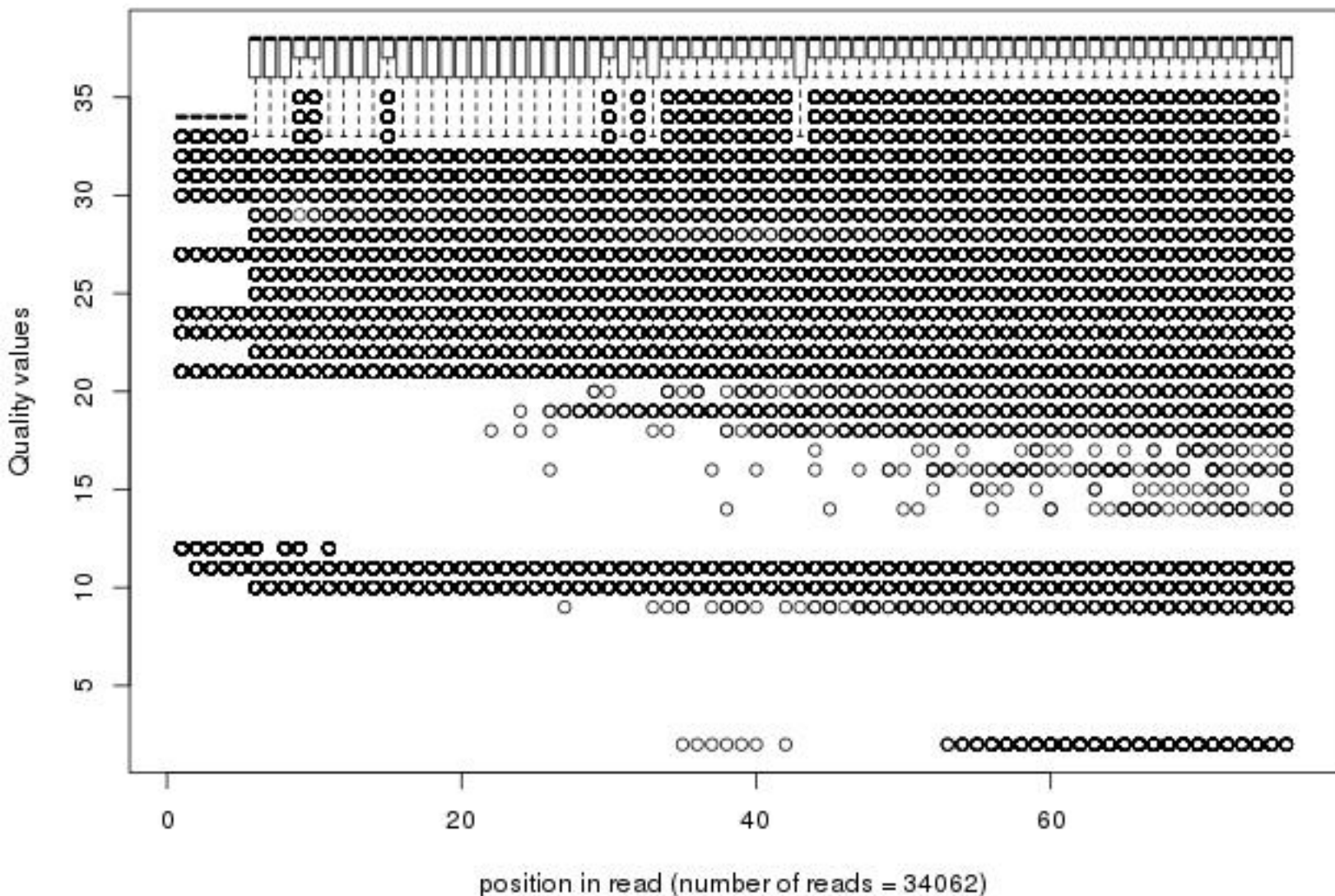


Quality distribution by position in read hips_z649n_jf050_1_frac50

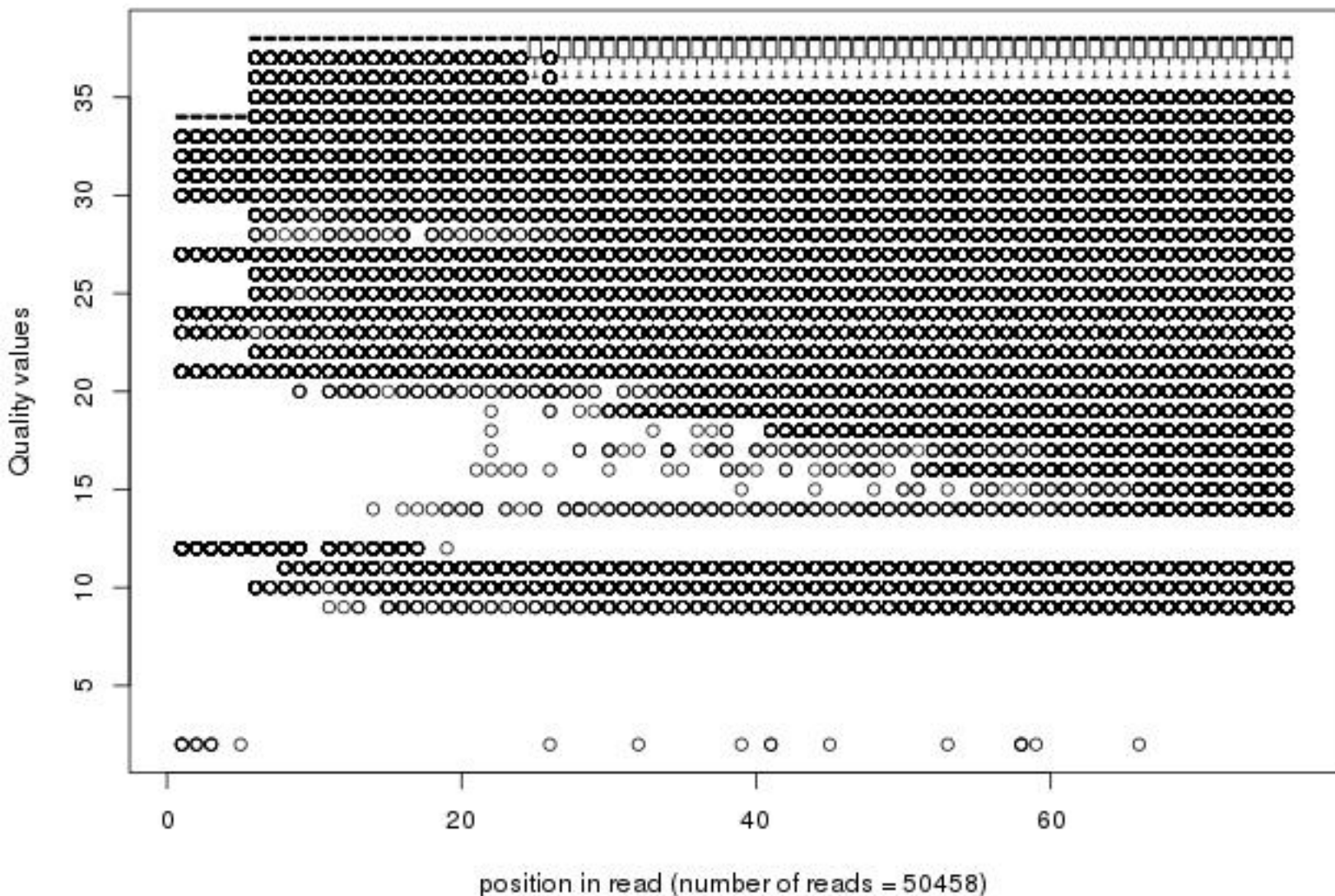


Quality distribution by position in read

hips_z649n_jf050_2_frac50

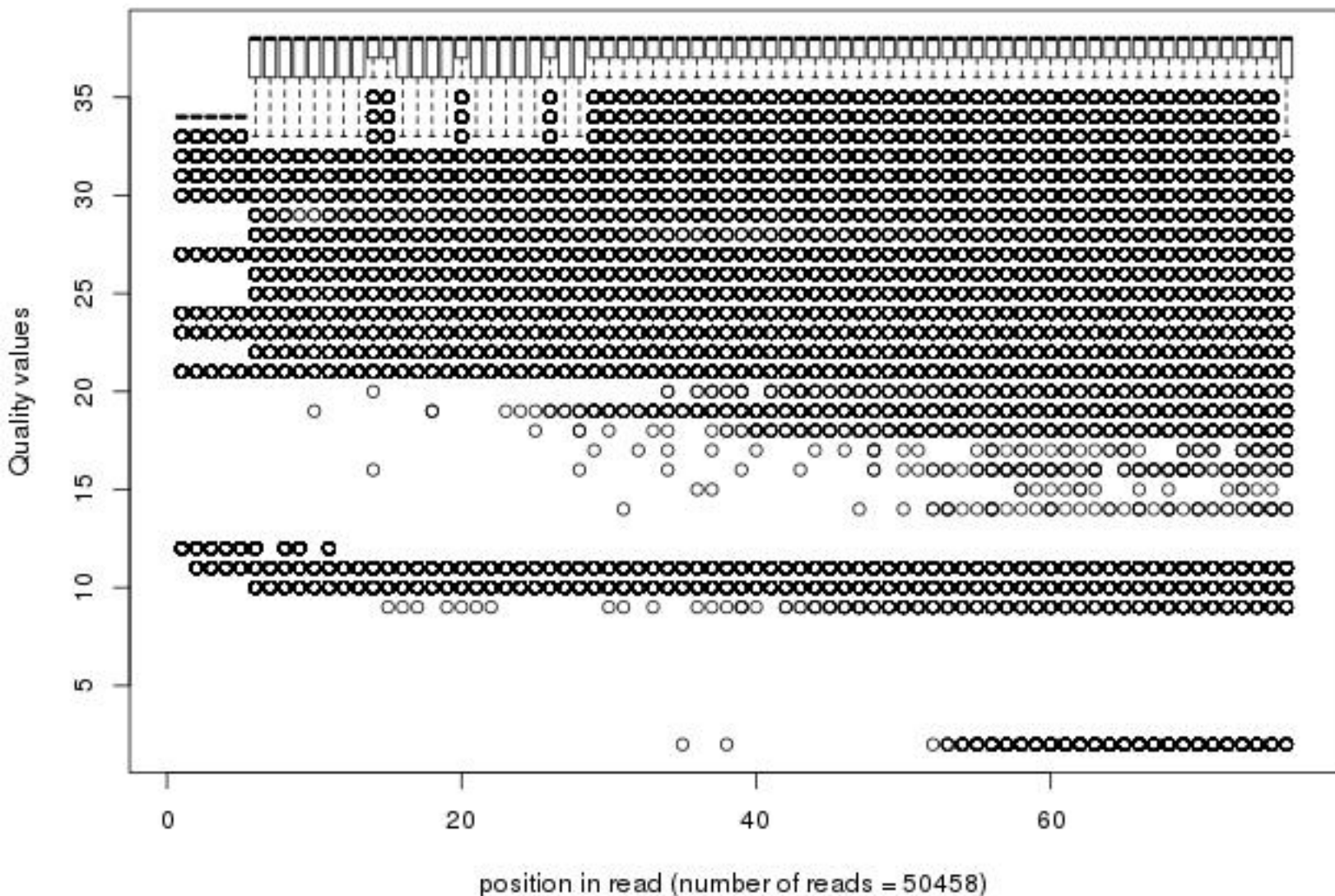


Quality distribution by position in read hips_z649n_jf051_1_frac50

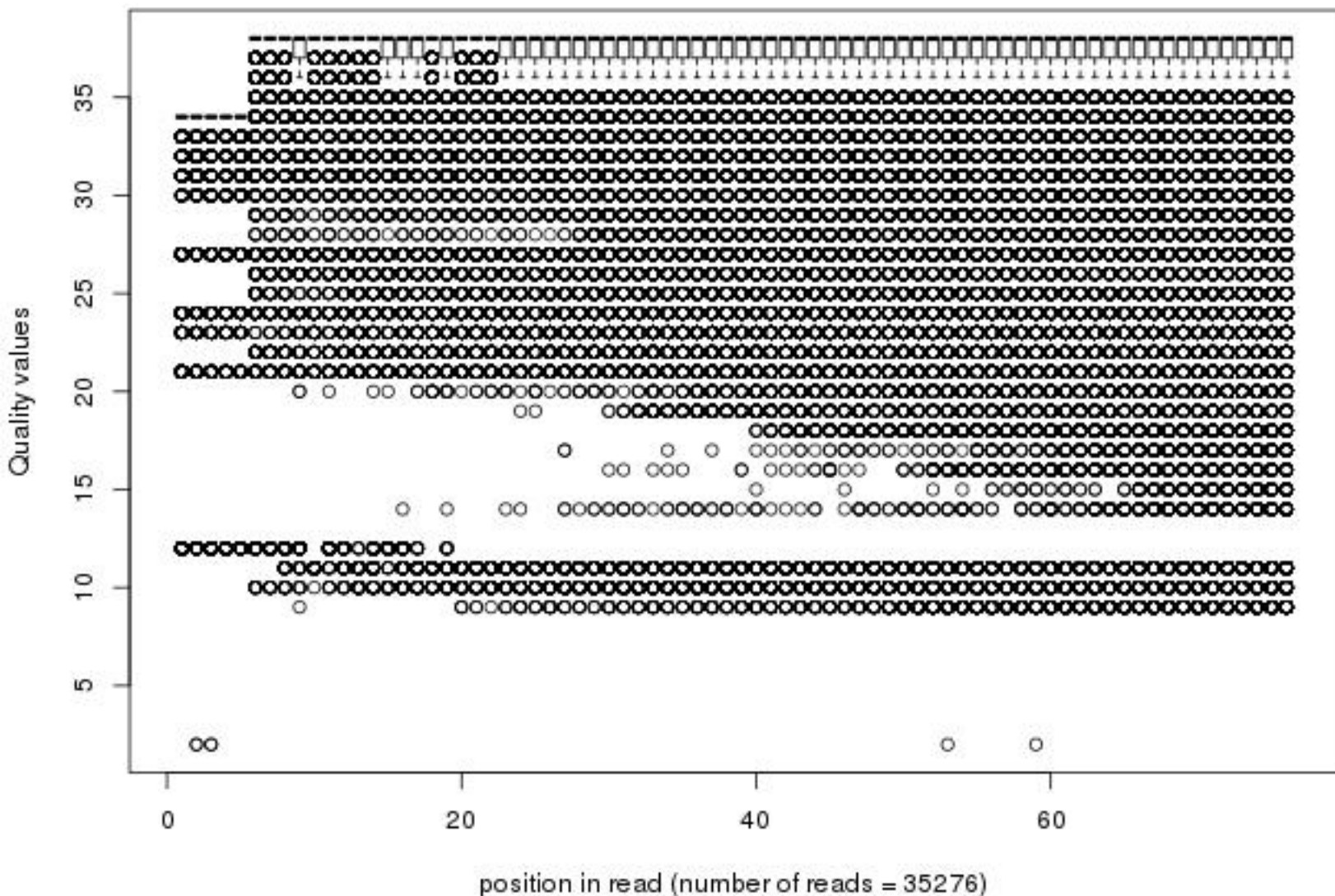


Quality distribution by position in read

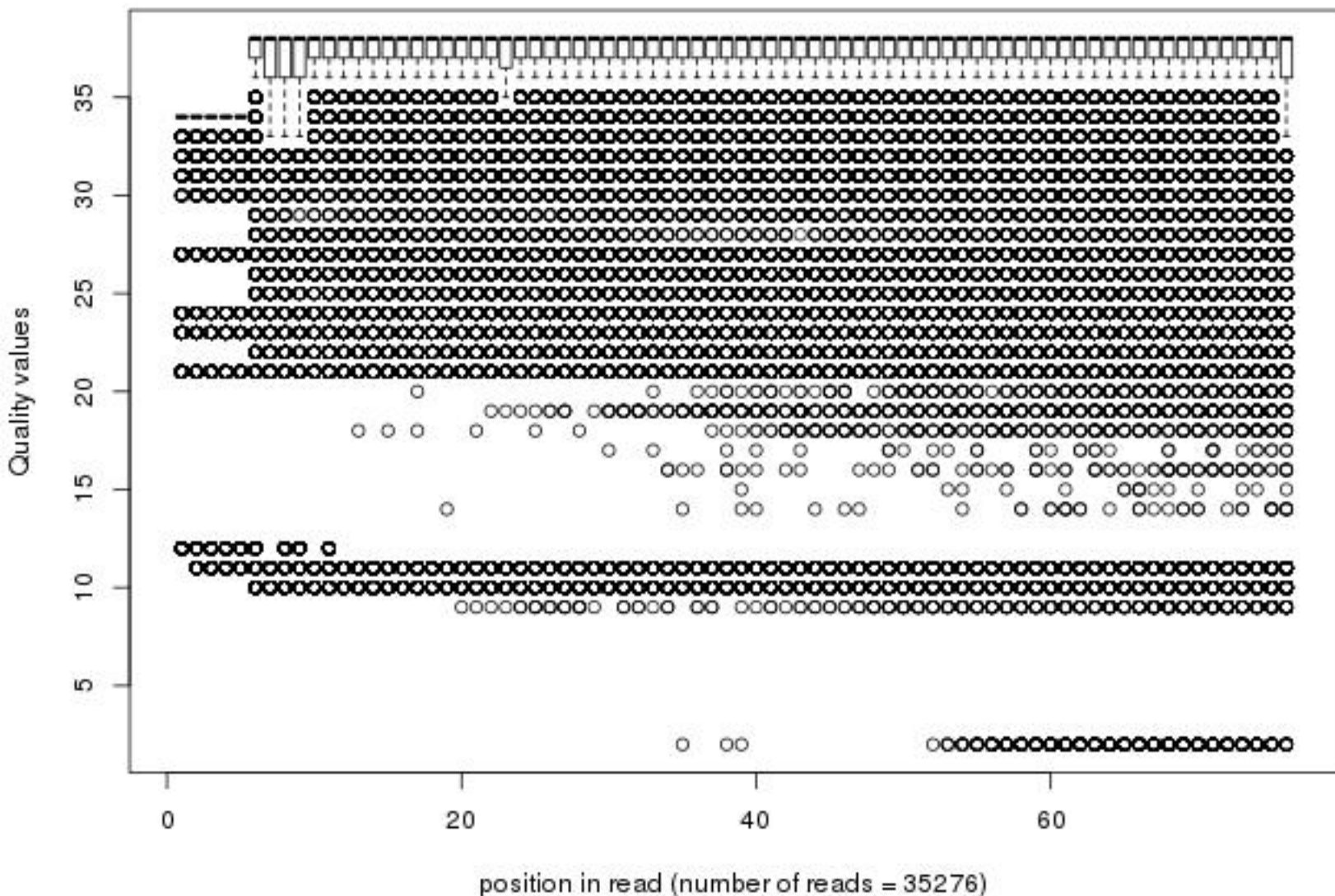
hips_z649n_jf051_2_frac50



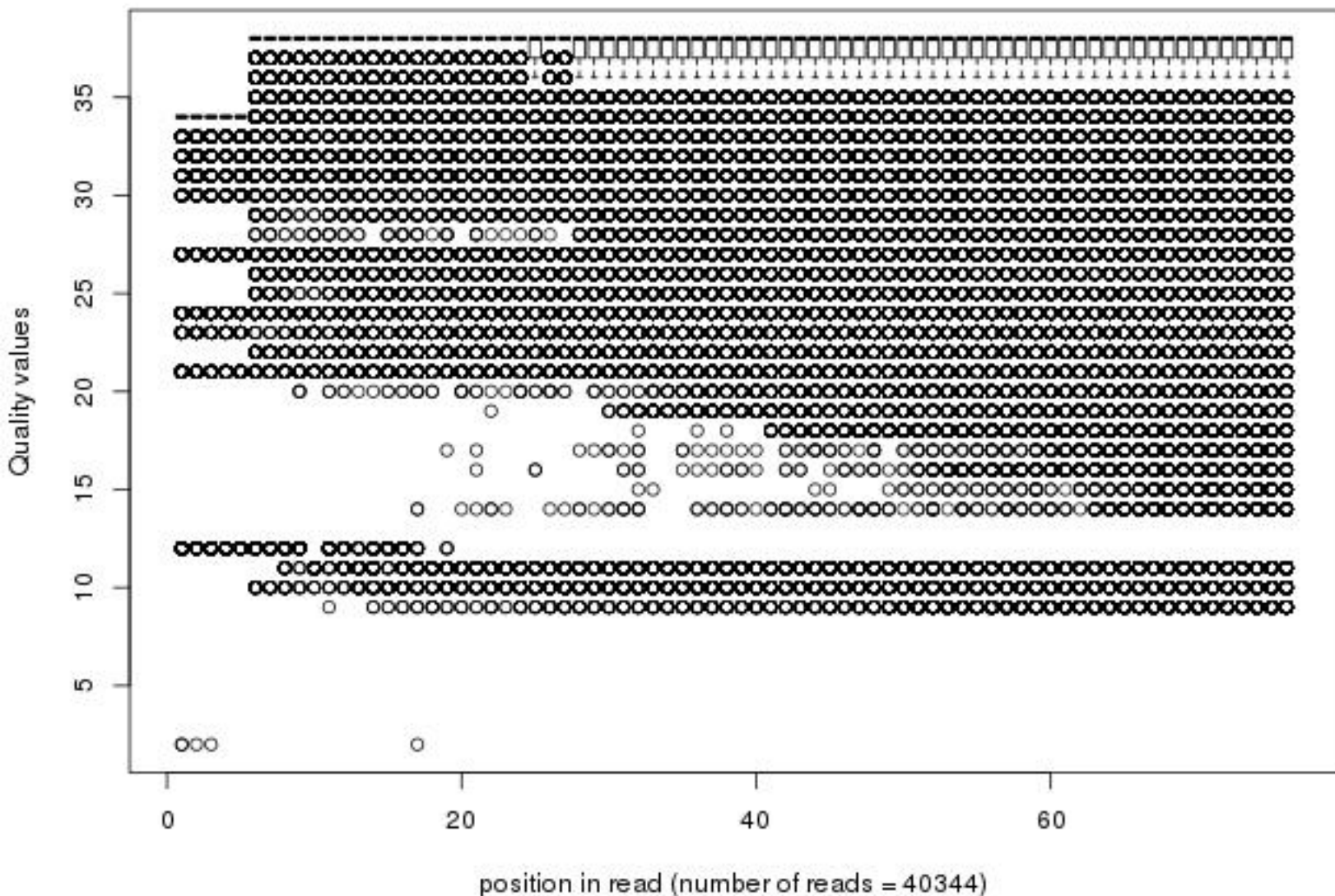
Quality distribution by position in read hips_z649d_jf052_1_frac50



Quality distribution by position in read hips_z649d_jf052_2_frac50



Quality distribution by position in read hips_z649d_jf053_1_frac50



Quality distribution by position in read hips_z649d_jf053_2_frac50

