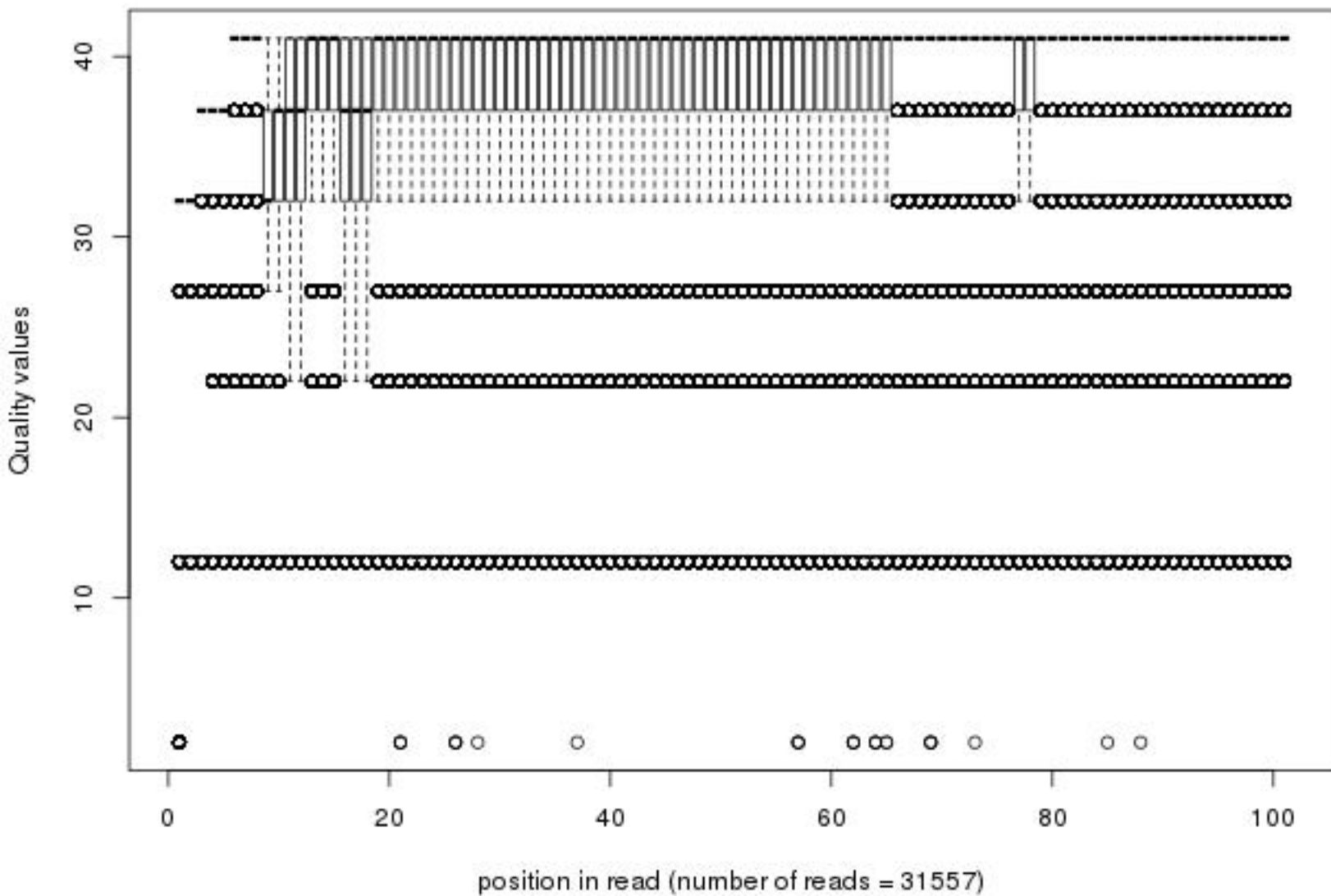
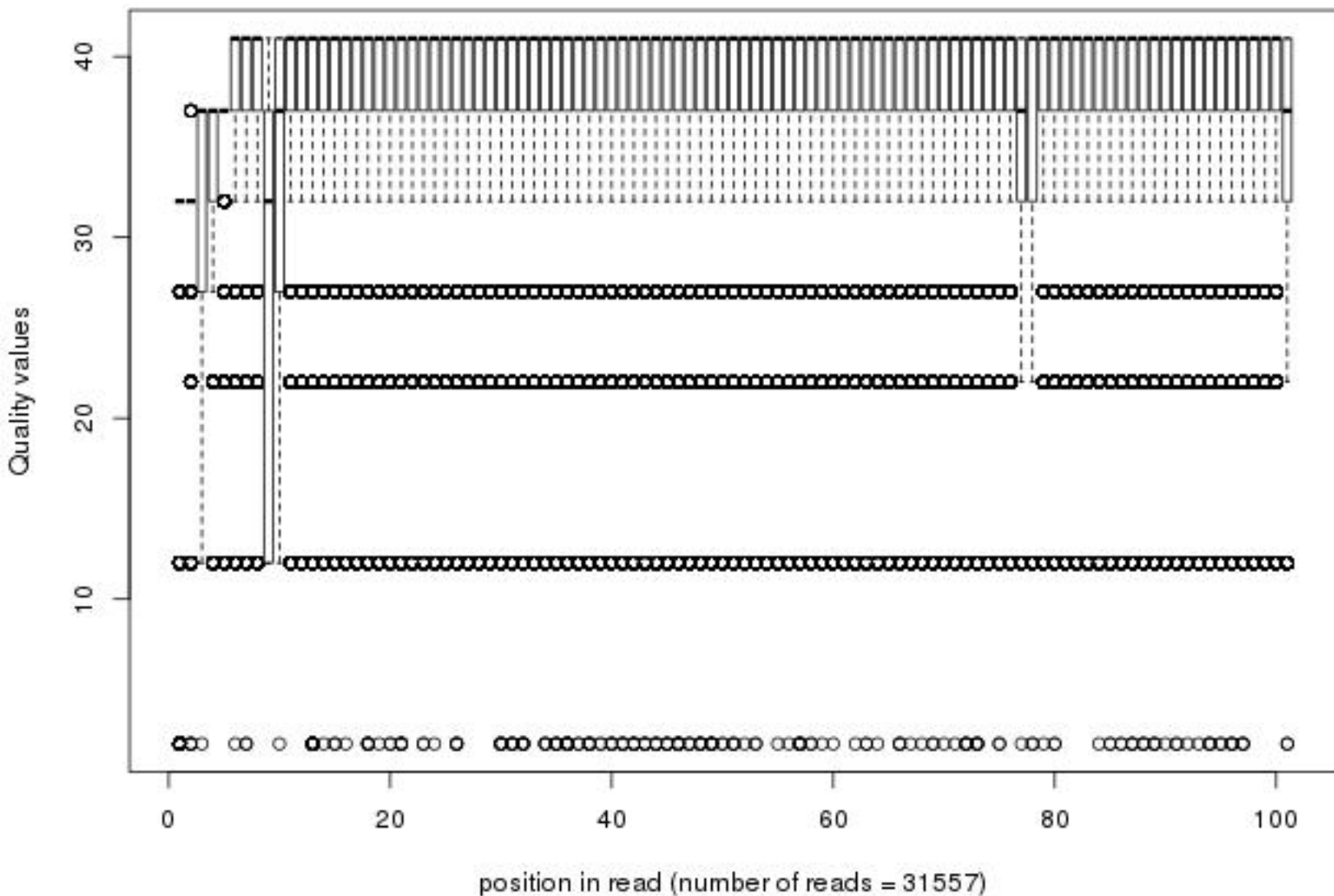


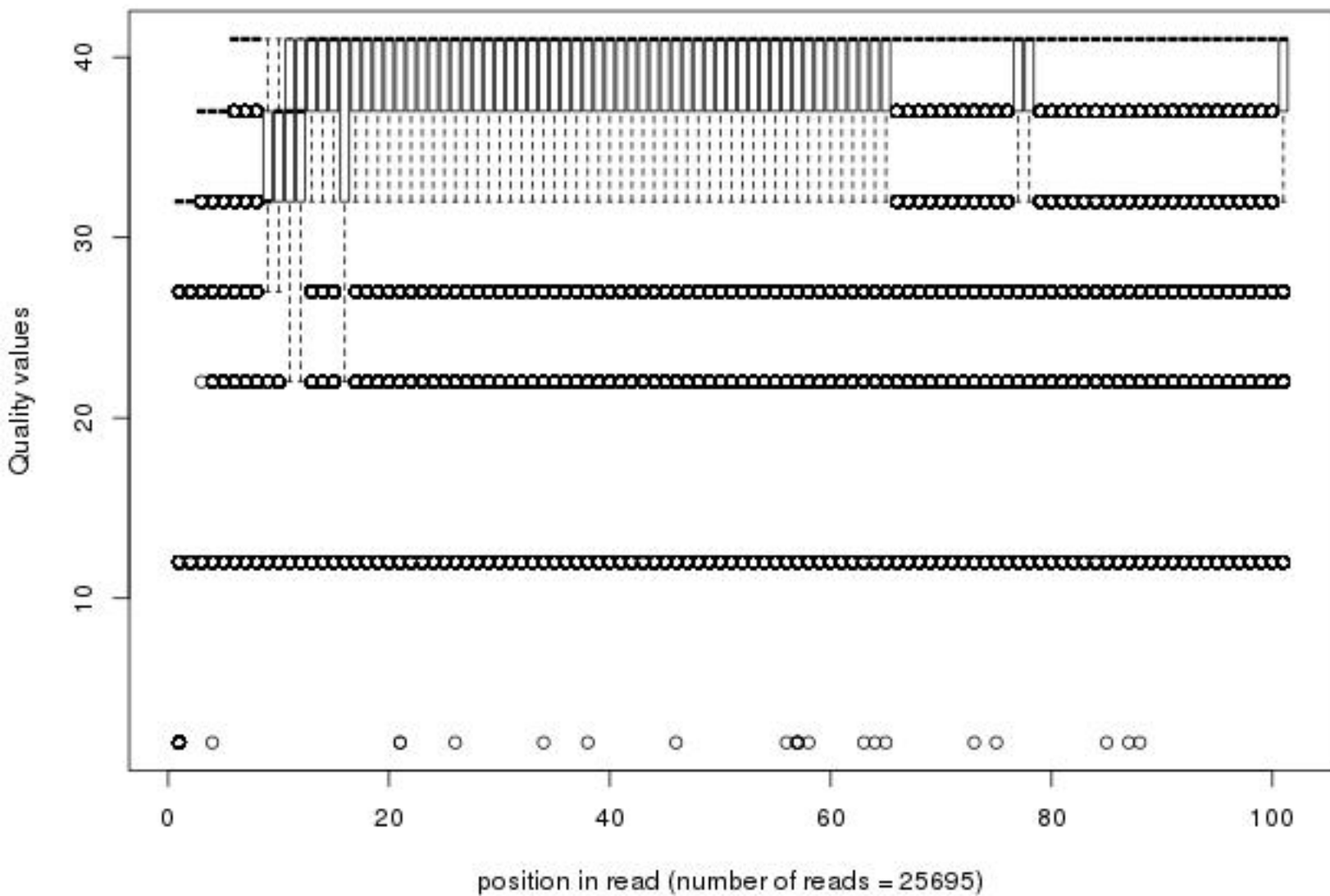
Quality distribution by position in read
hips_ctrln_jf046_01of20_1_frac50



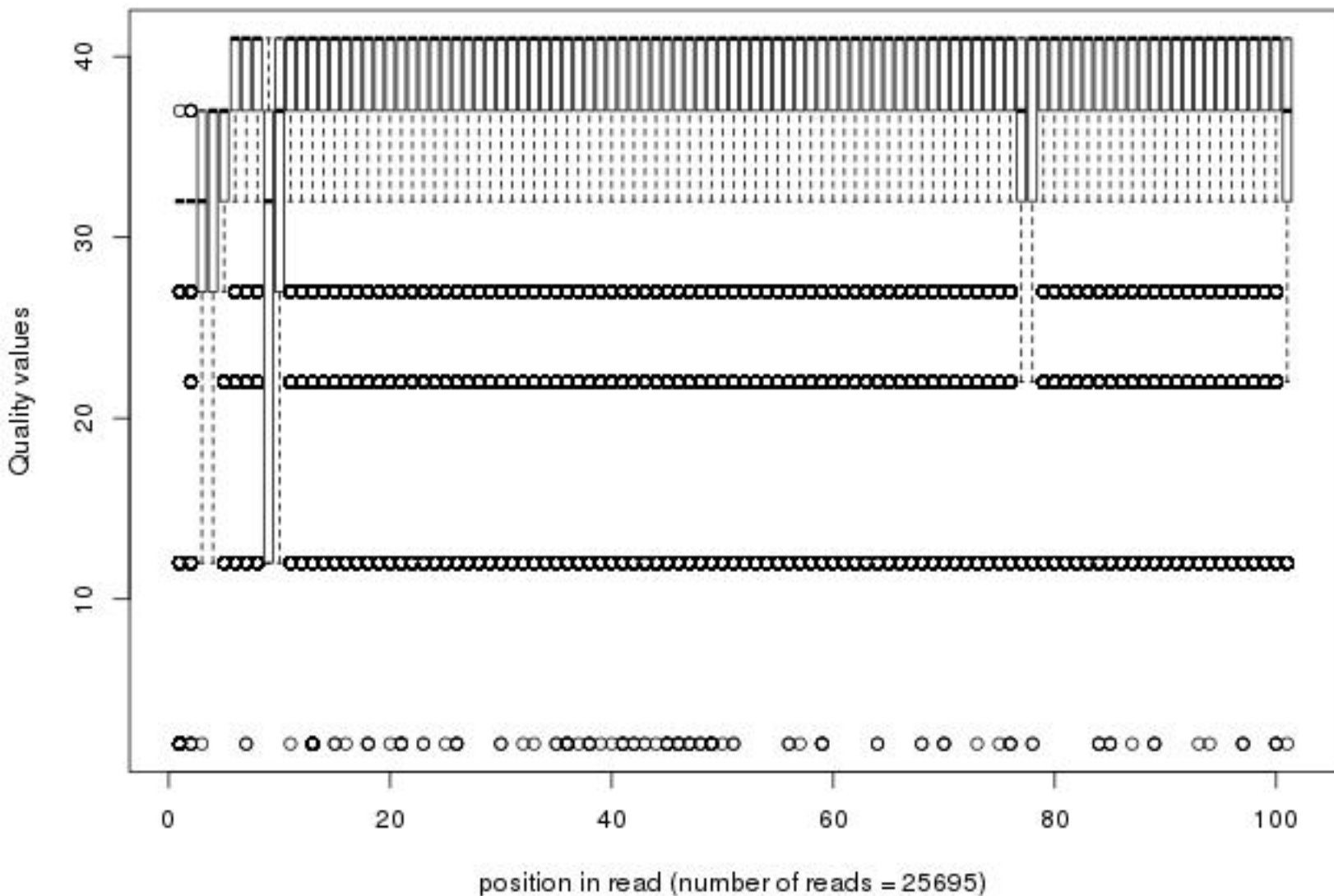
Quality distribution by position in read
hips_ctrln_jf046_01of20_2_frac50



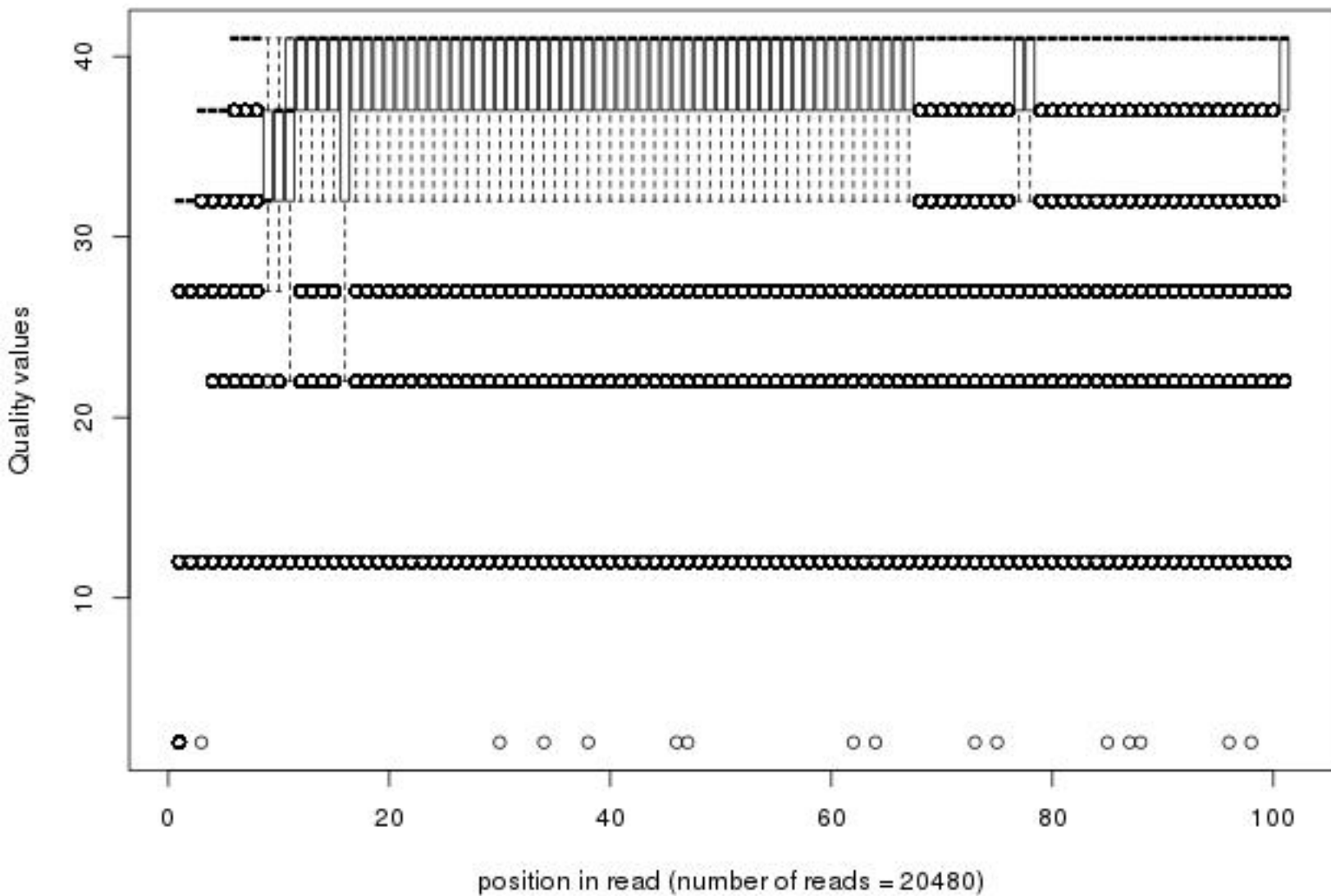
Quality distribution by position in read
hips_ctrln_jf047_01of20_1_frac50



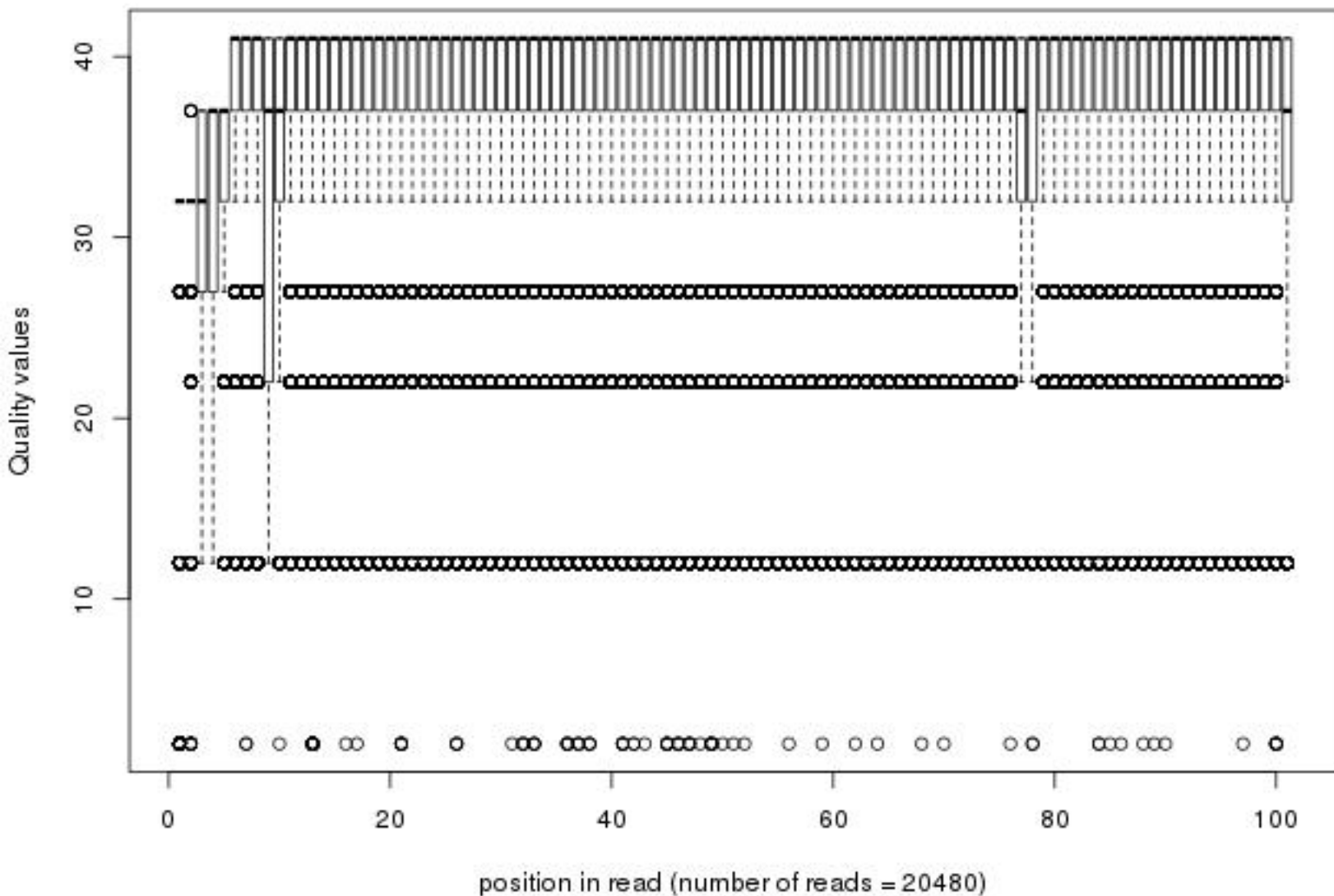
Quality distribution by position in read
hips_ctrln_jf047_01of20_2_frac50



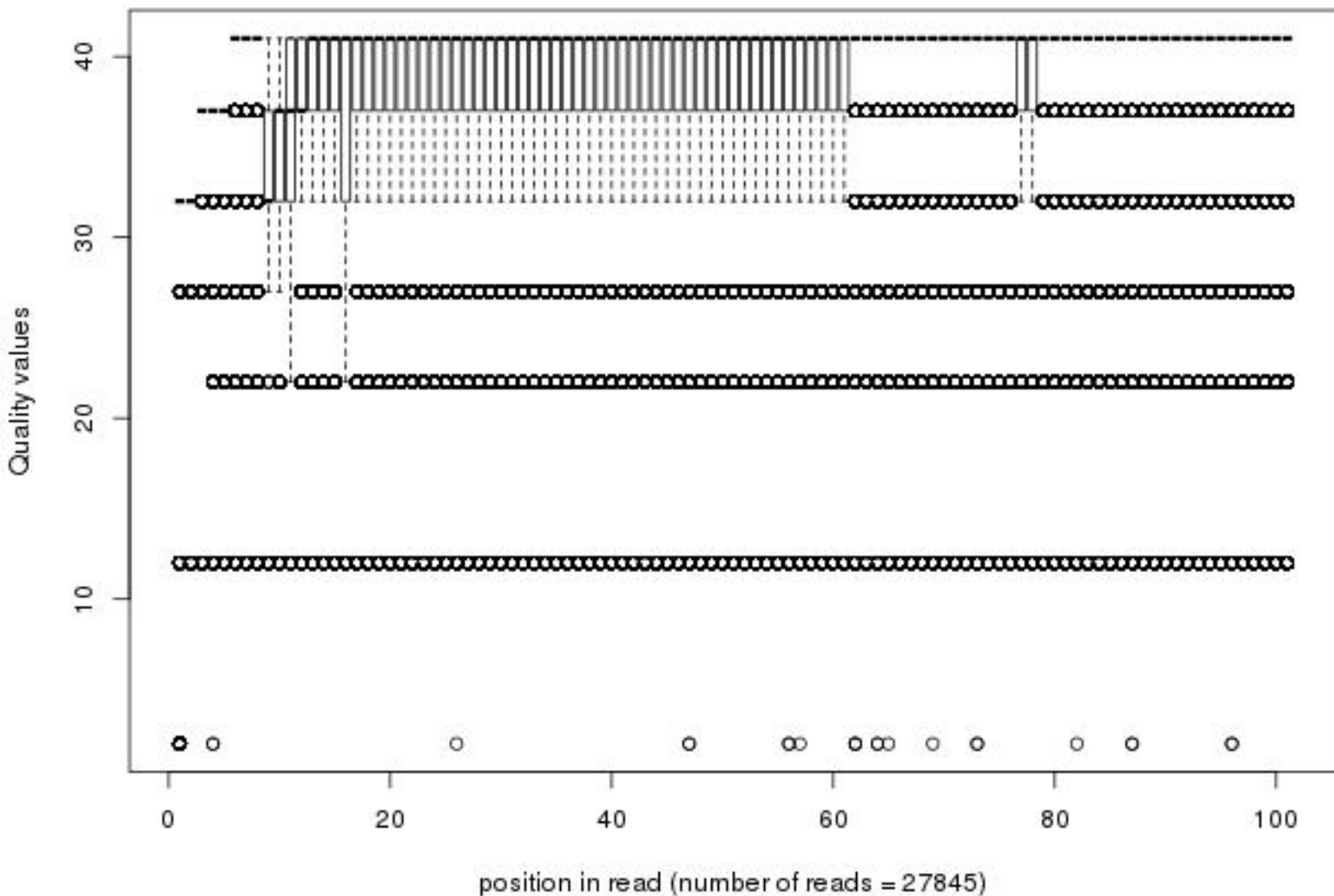
Quality distribution by position in read
hips_ctrlld_jf048_01of20_1_frac50



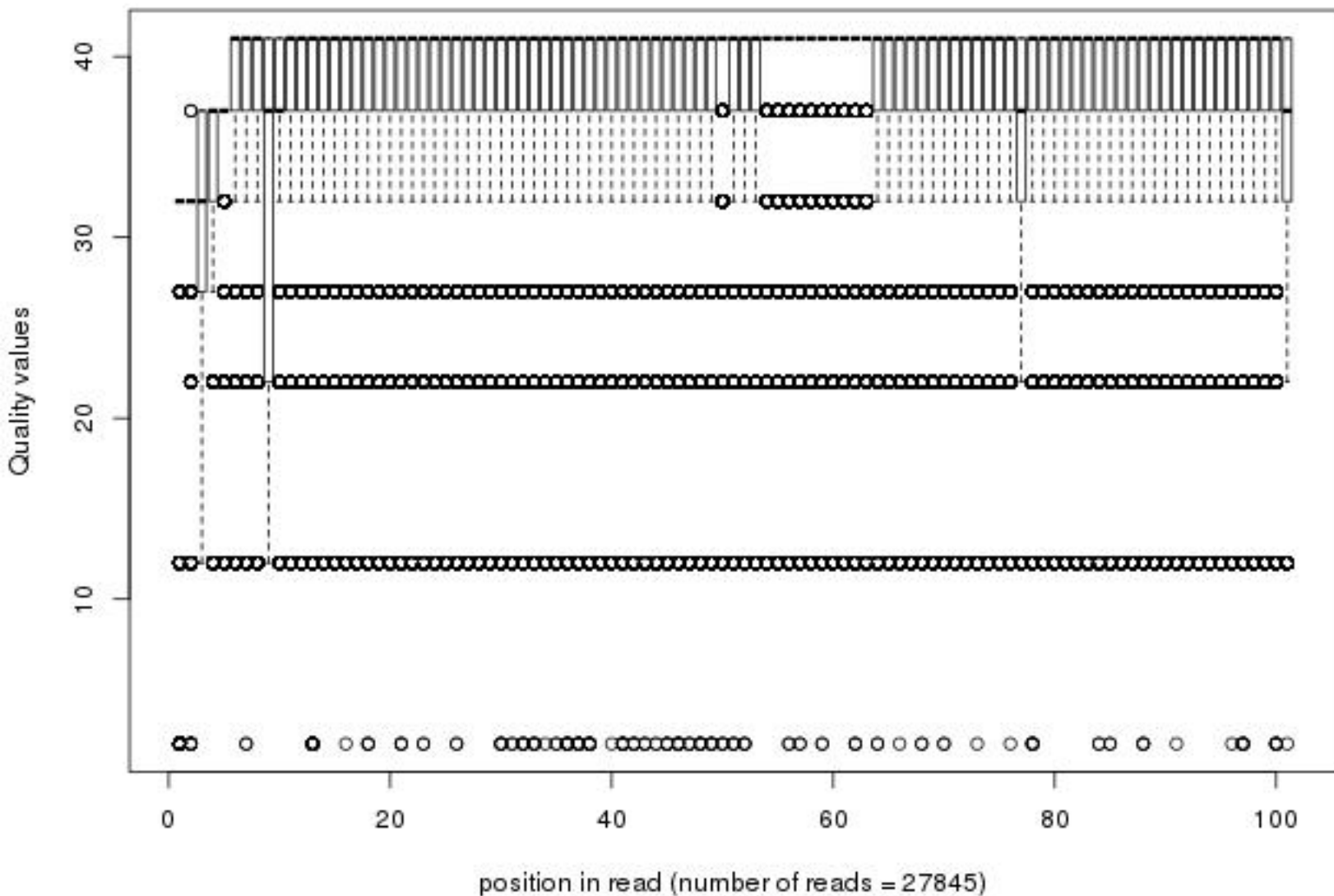
Quality distribution by position in read
hips_ctrlld_jf048_01of20_2_frac50



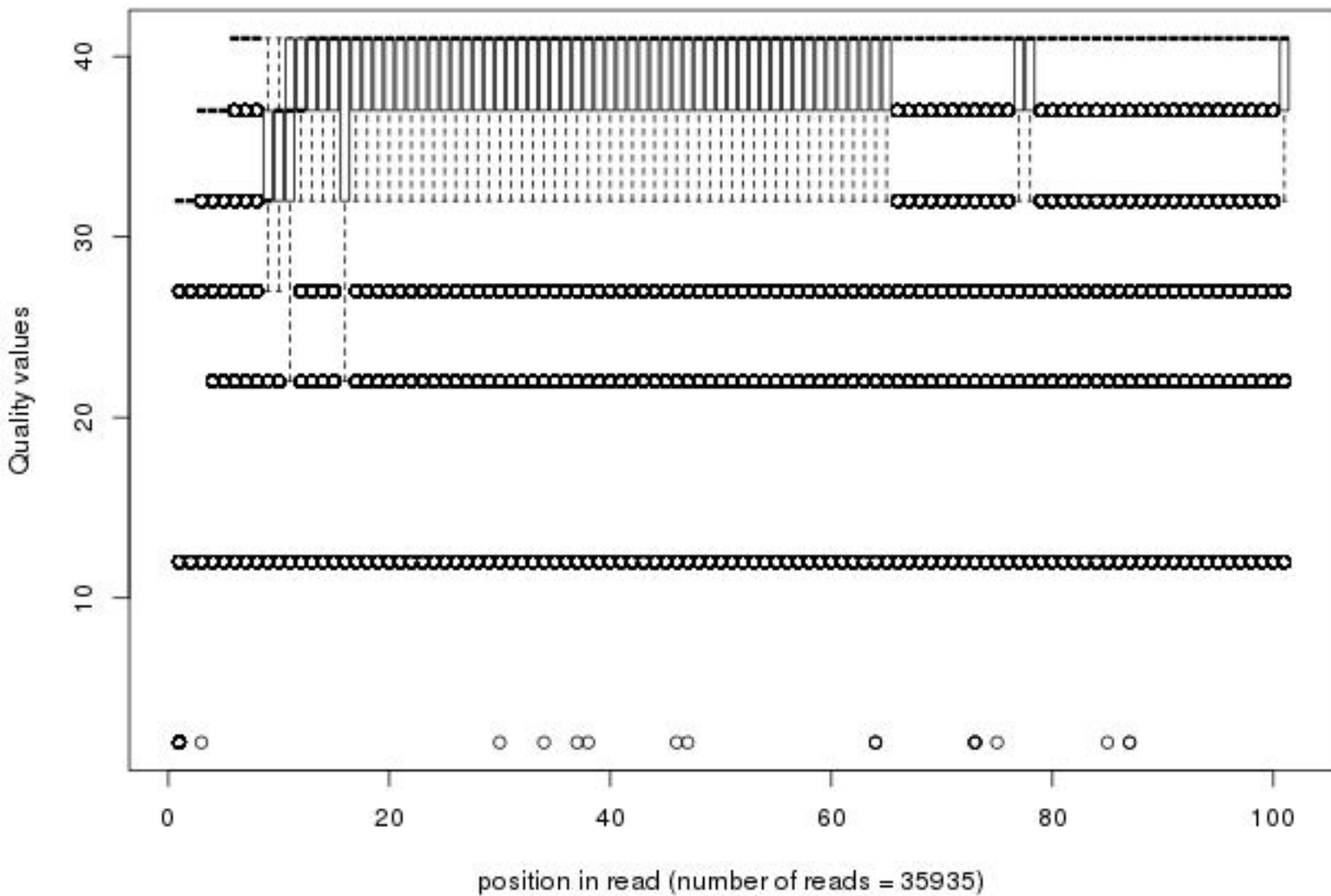
Quality distribution by position in read
hips_ctrlld_jf049_01of20_1_frac50



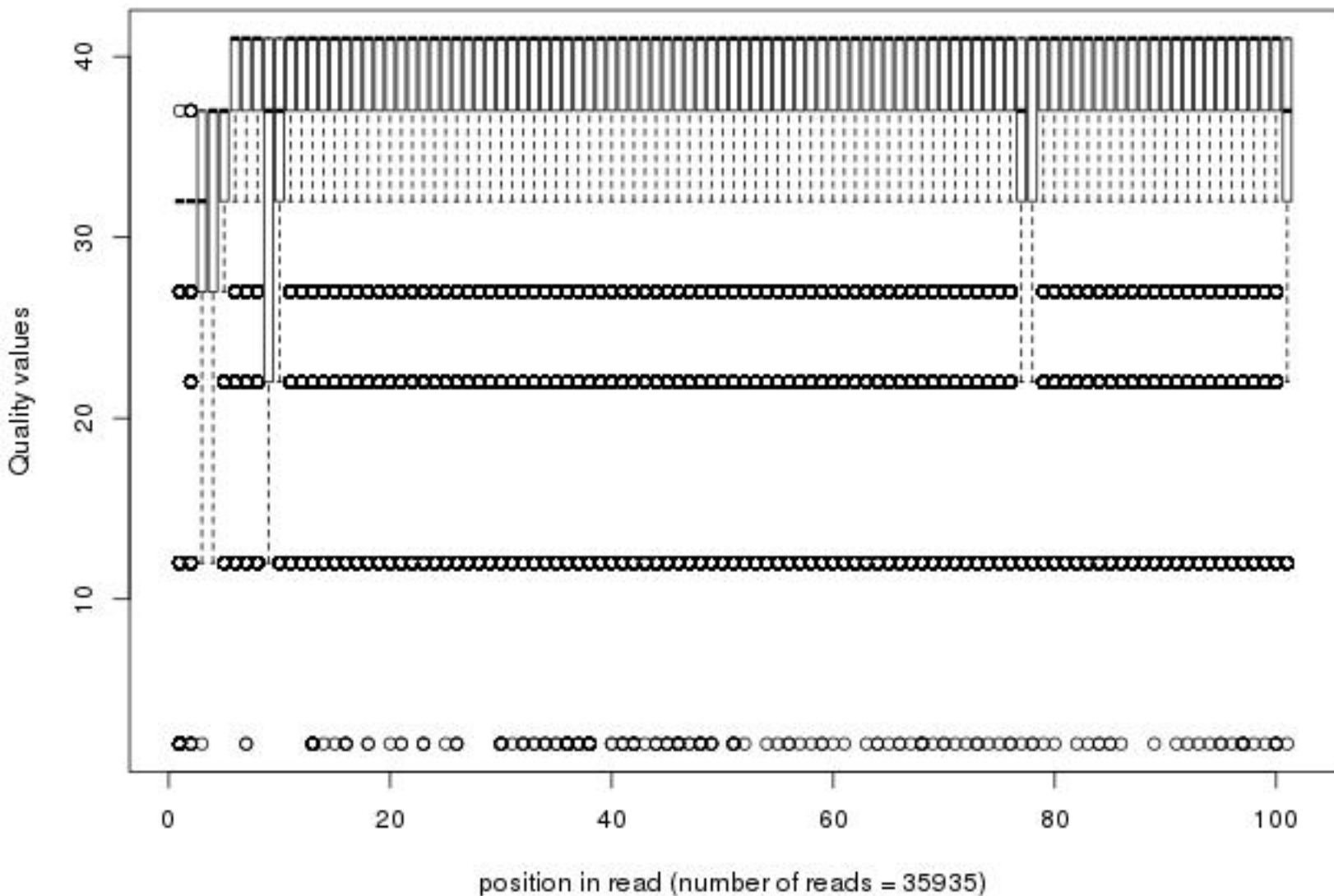
Quality distribution by position in read
hips_ctrlld_jf049_01of20_2_frac50



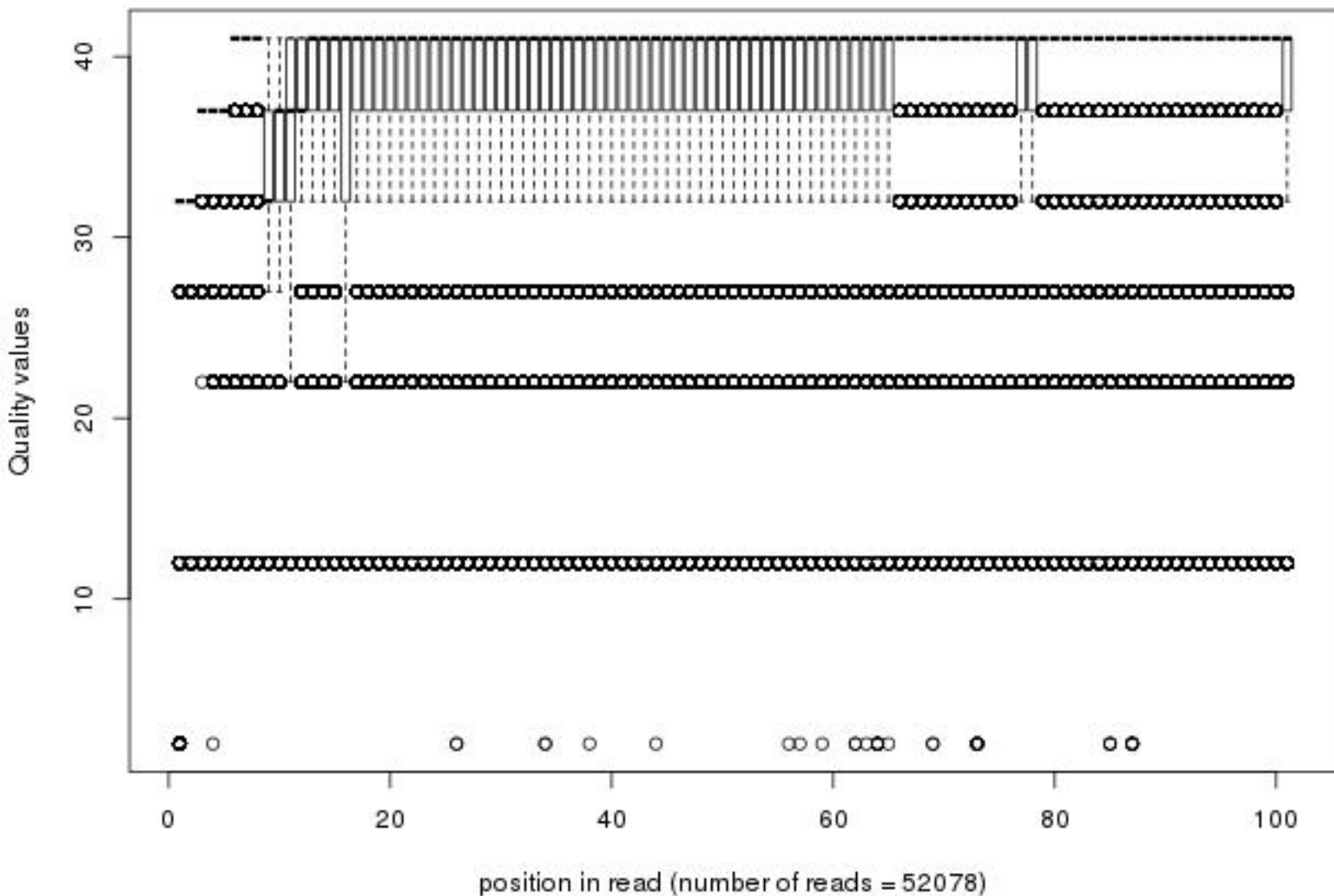
Quality distribution by position in read
hips_z649n_jf050_01of20_1_frac50



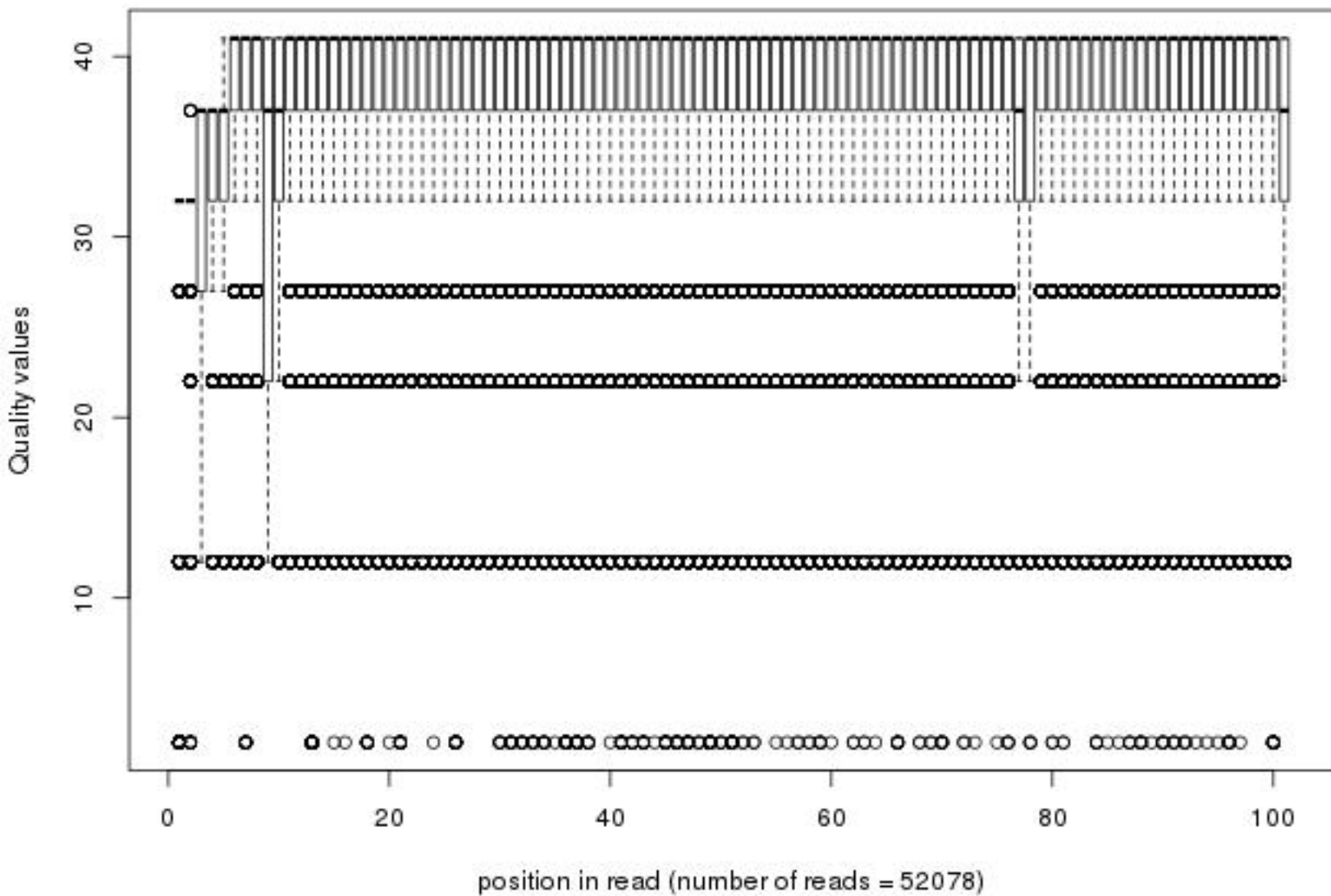
Quality distribution by position in read
hips_z649n_jf050_01of20_2_frac50



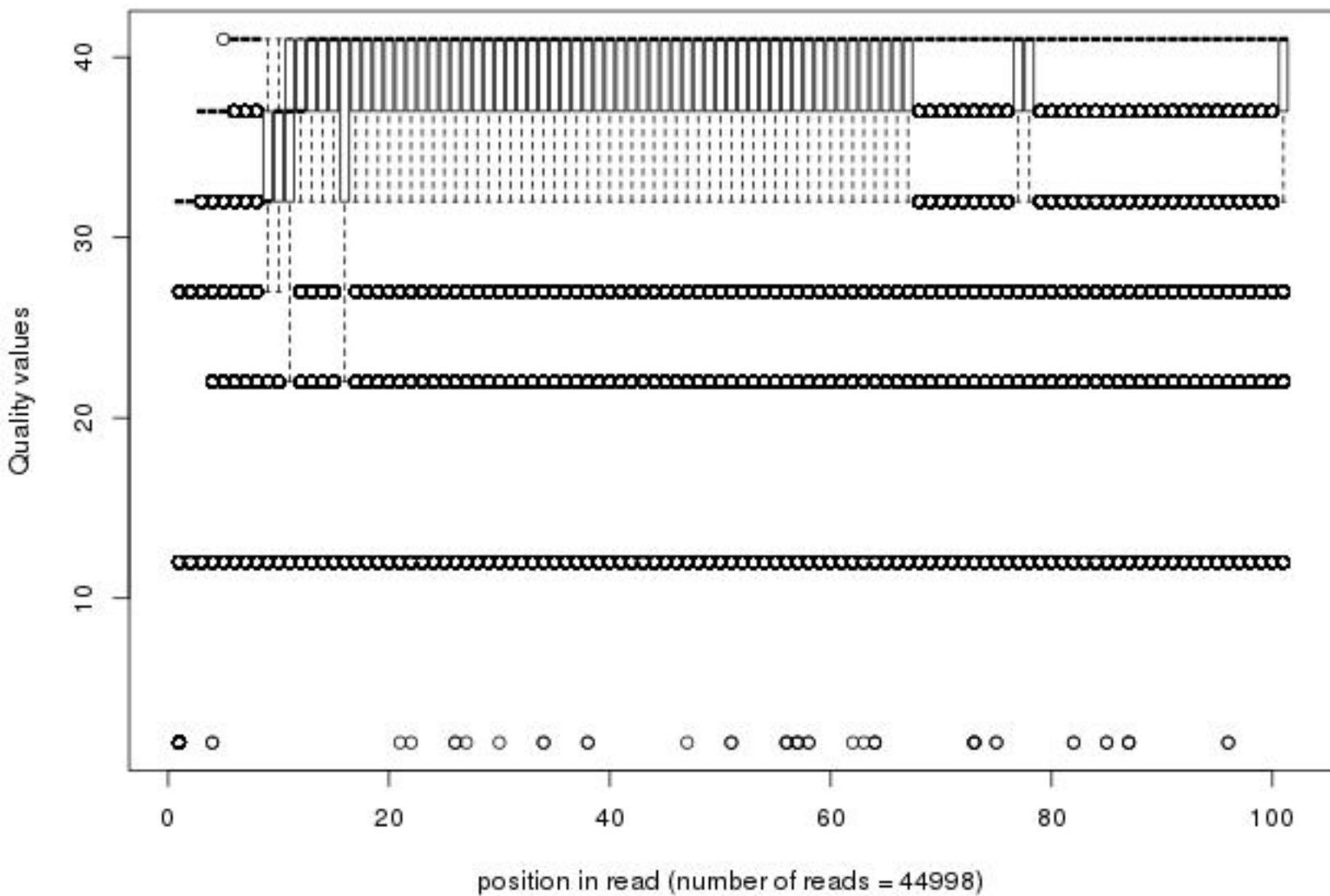
Quality distribution by position in read
hips_z649n_jf051_01of20_1_frac50



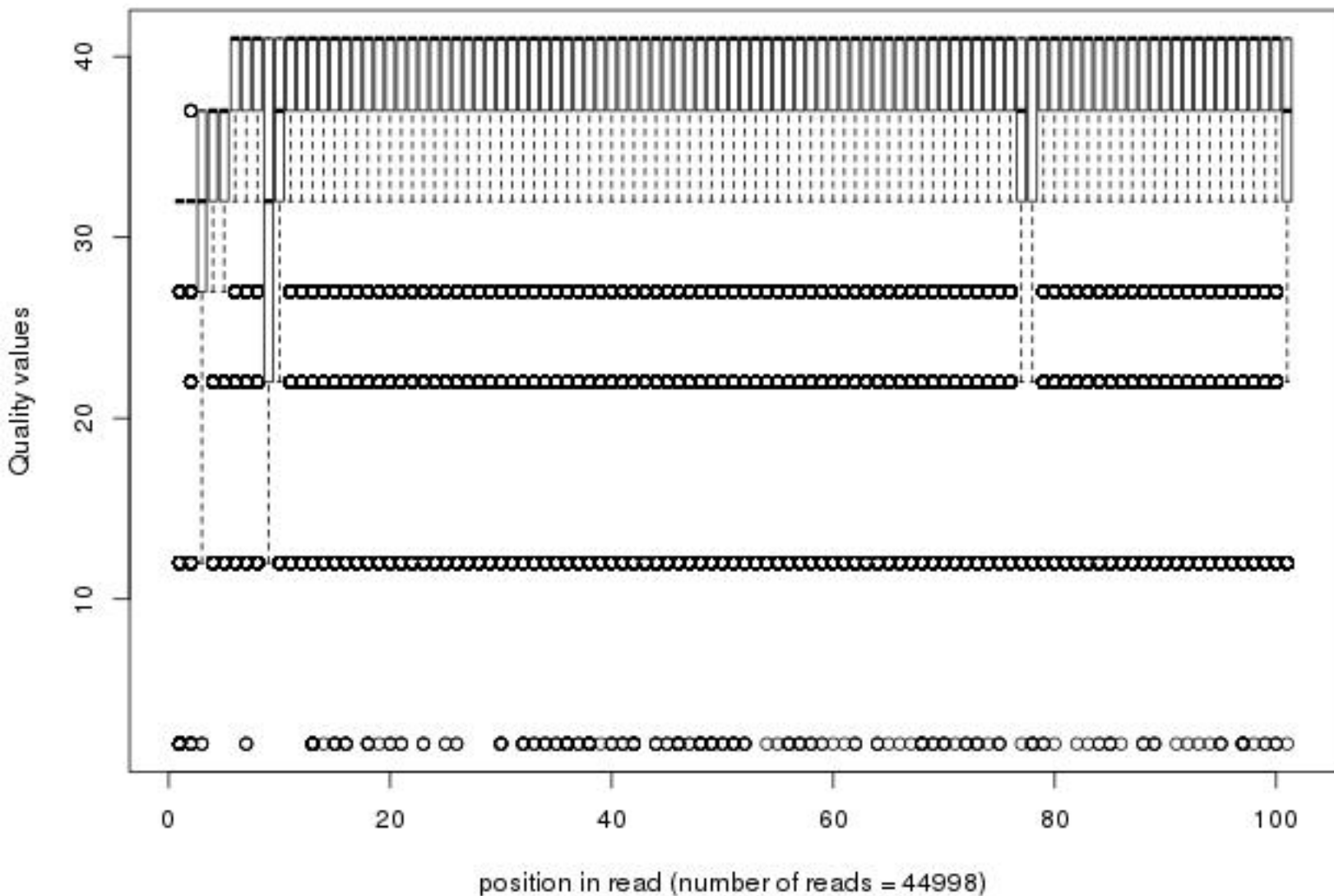
Quality distribution by position in read
hips_z649n_jf051_01of20_2_frac50



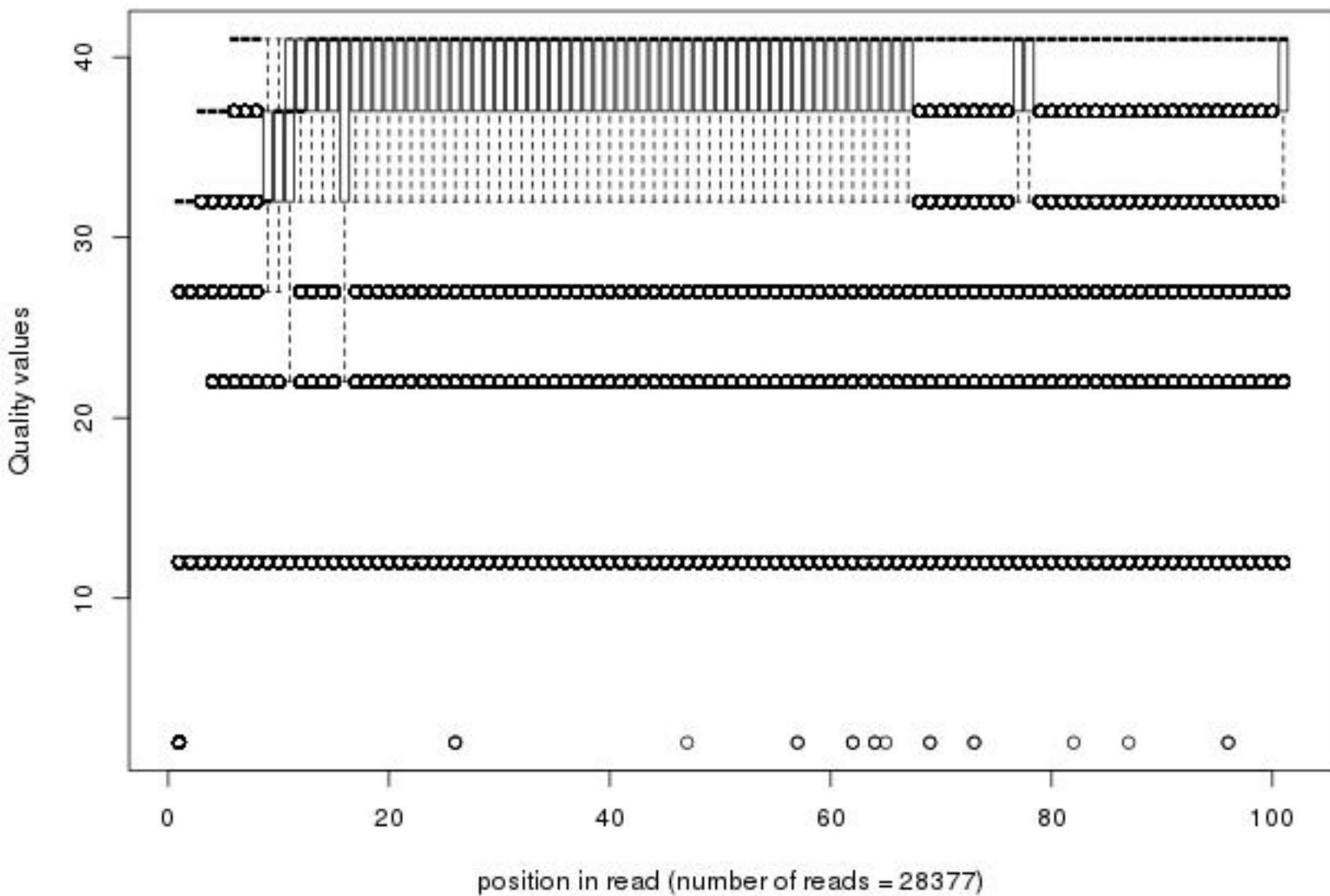
Quality distribution by position in read
hips_z649d_jf052_01of20_1_frac50



Quality distribution by position in read
hips_z649d_jf052_01of20_2_frac50



Quality distribution by position in read
hips_z649d_jf053_01of20_1_frac50



Quality distribution by position in read
hips_z649d_jf053_01of20_2_frac50

