GATK BaseRecalibration report

| Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	−1
no_standard_covs	false
quantizing_levels	16
run_without_dbsnp	false
solid_nocall_strategy	THROW_EXCEPTION
solid_recal_mode	SET_Q_ZERO

Overall error rates by event type
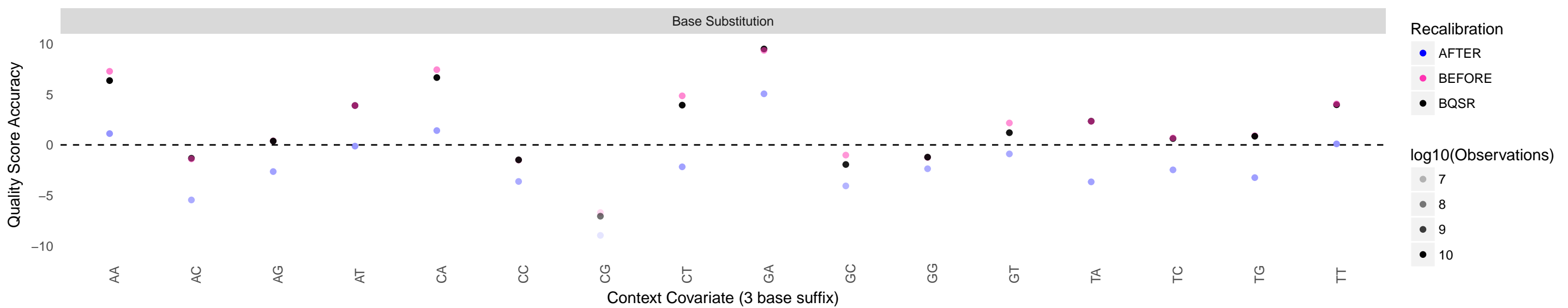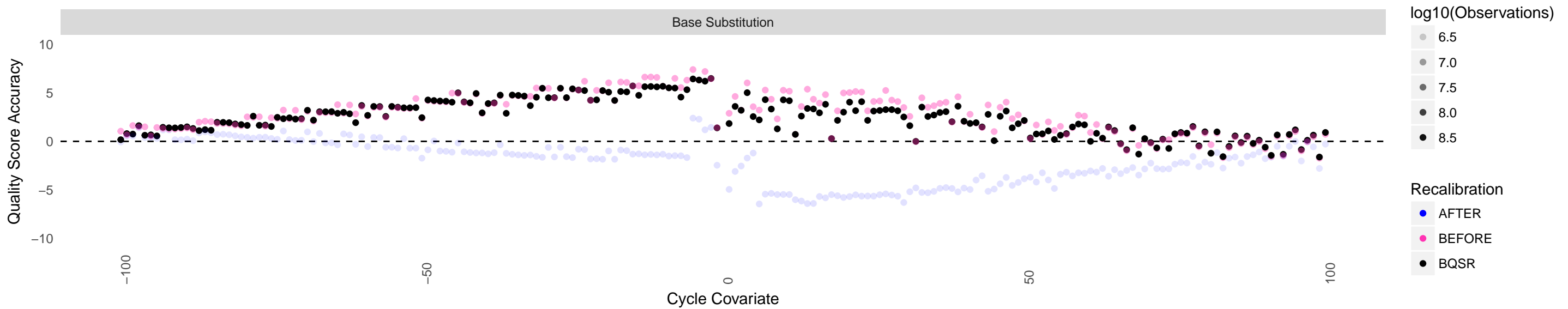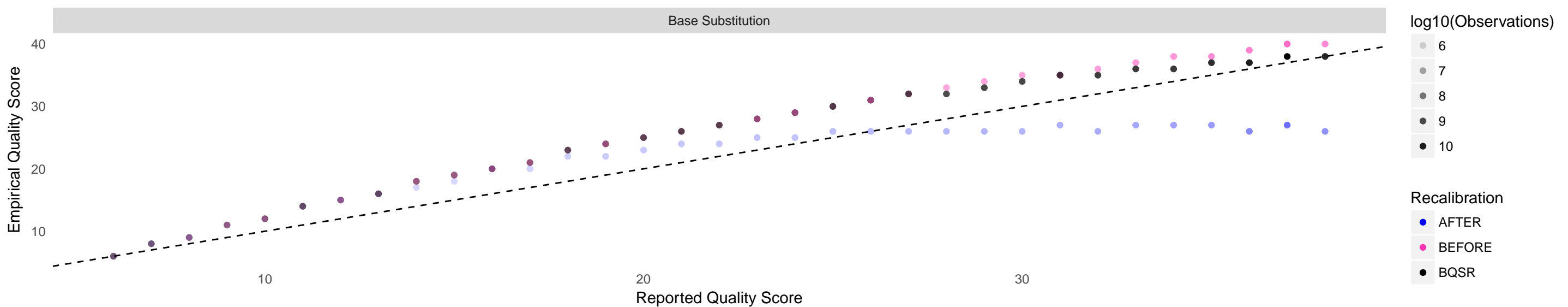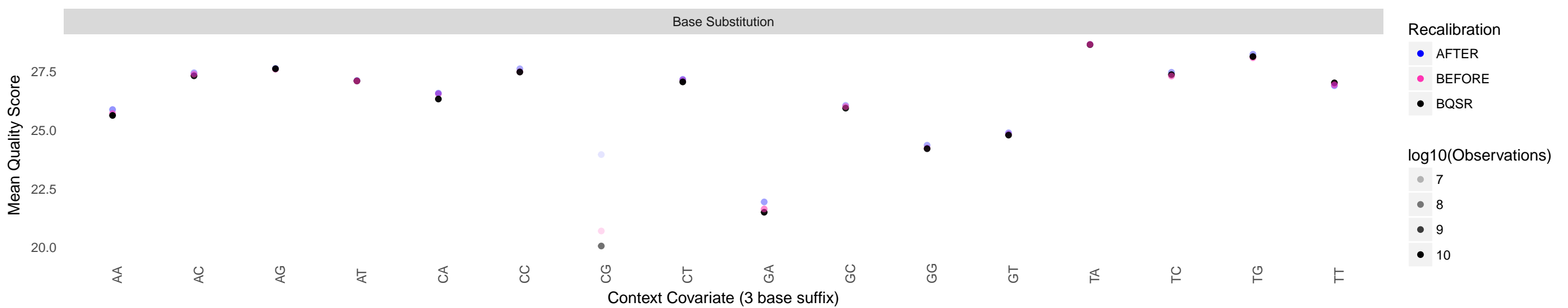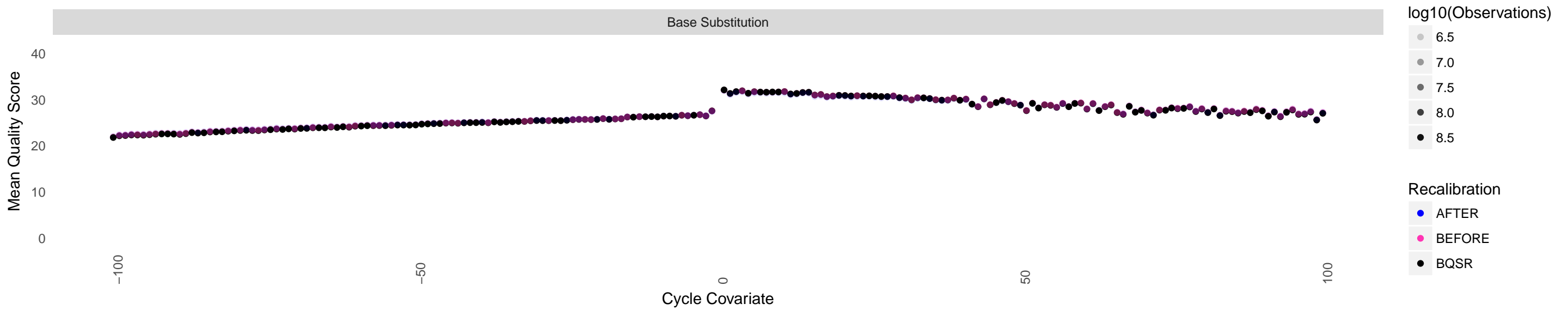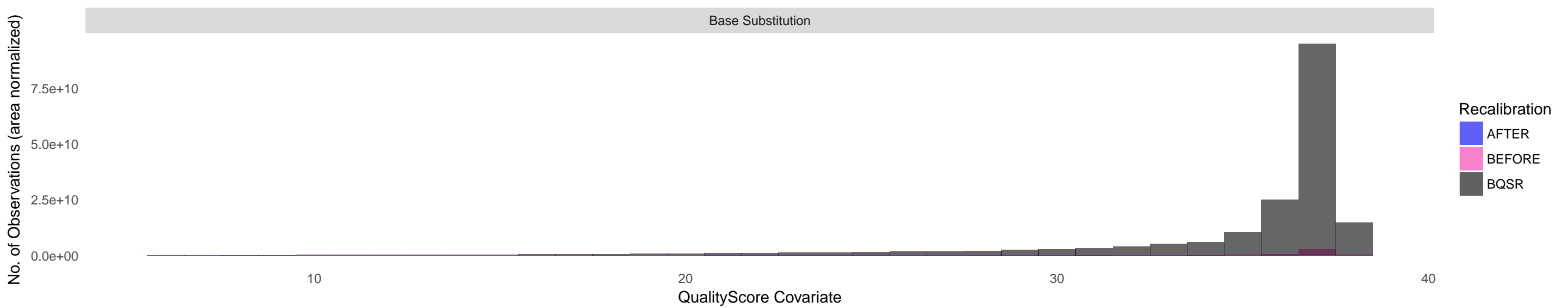
ReadGroup	CL100030888_L1
EventType	M
EmpiricalQuality	28.0
EstimatedQReported	26.1
Observations	9.50e+10
Errors	1.47e+08

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
CL100030888_L1	6	M	6	119355918	30449468
CL100030888_L1	7	M	8	118547535	20596314
CL100030888_L1	8	M	9	129426937	15207075
CL100030888_L1	9	M	11	132430245	11145445
CL100030888_L1	10	M	12	154854437	9123727
CL100030888_L1	11	M	14	177882783	7461414
CL100030888_L1	12	M	15	168613596	5453410
CL100030888_L1	13	M	16	214916303	4952656
CL100030888_L1	14	M	18	239709735	4110675
CL100030888_L1	15	M	19	241425187	3410211
CL100030888_L1	16	M	20	334107113	3071959
CL100030888_L1	17	M	21	288841323	2341353
CL100030888_L1	18	M	23	379696481	2136490
CL100030888_L1	19	M	24	419347393	1863022
CL100030888_L1	20	M	25	457909927	1564679
CL100030888_L1	21	M	26	562147786	1426338
CL100030888_L1	22	M	27	538508338	1177101
CL100030888_L1	23	M	28	711413028	1090435
CL100030888_L1	24	M	29	714118790	943464
CL100030888_L1	25	M	30	819327040	836751
CL100030888_L1	26	M	31	933709167	752425
CL100030888_L1	27	M	32	967629819	663812
CL100030888_L1	28	M	32	1073783967	627882
CL100030888_L1	29	M	33	1341552543	632795
CL100030888_L1	30	M	34	1420616500	564856
CL100030888_L1	31	M	35	1727243235	599401
CL100030888_L1	32	M	35	1998828979	610223
CL100030888_L1	33	M	36	2658366360	686913
CL100030888_L1	34	M	36	3073591370	718019
CL100030888_L1	35	M	37	5219979282	1056972
CL100030888_L1	36	M	37	12567706566	2292916
CL100030888_L1	37	M	38	47652572044	7679915
CL100030888_L1	38	M	38	7450334027	1306850