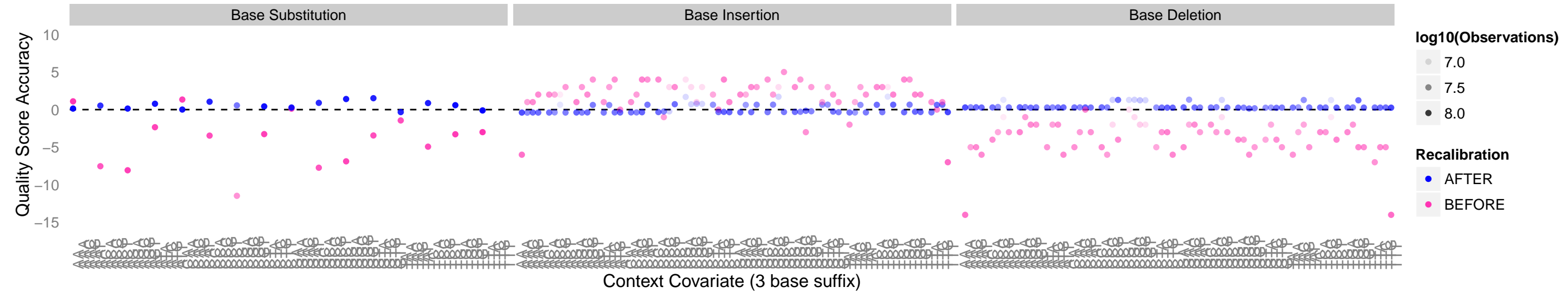
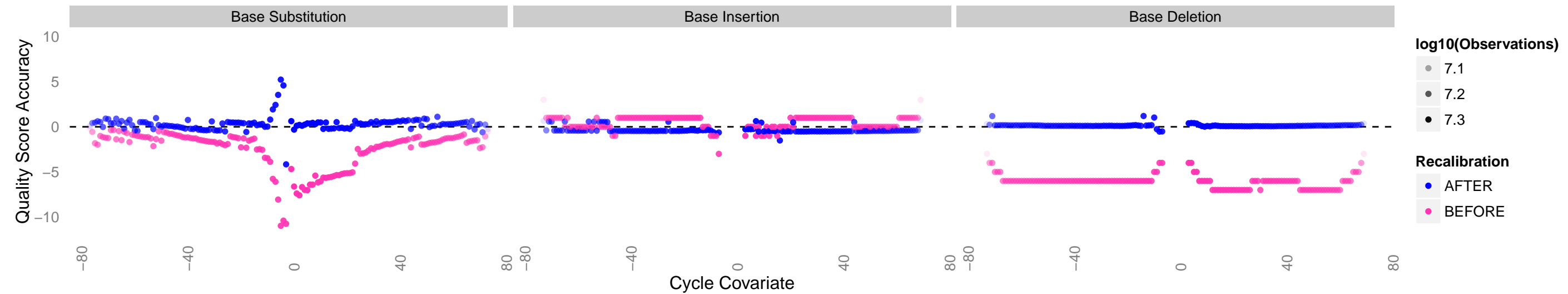
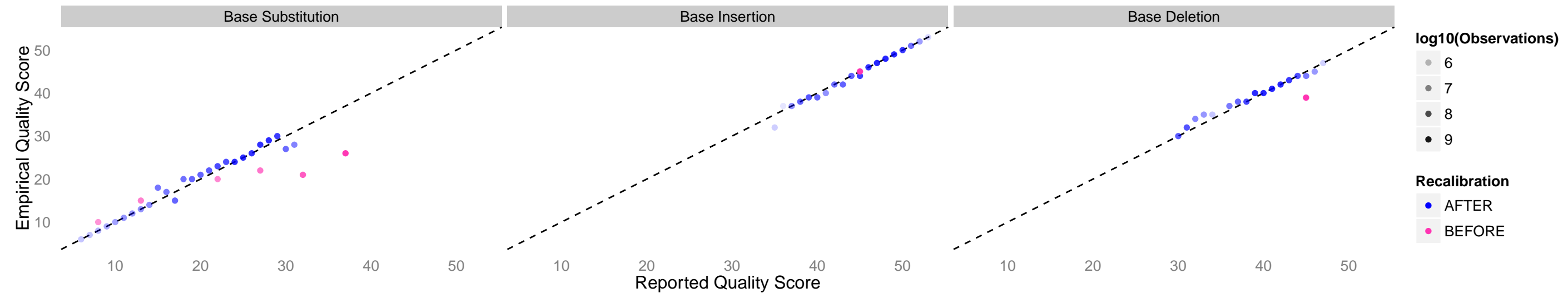
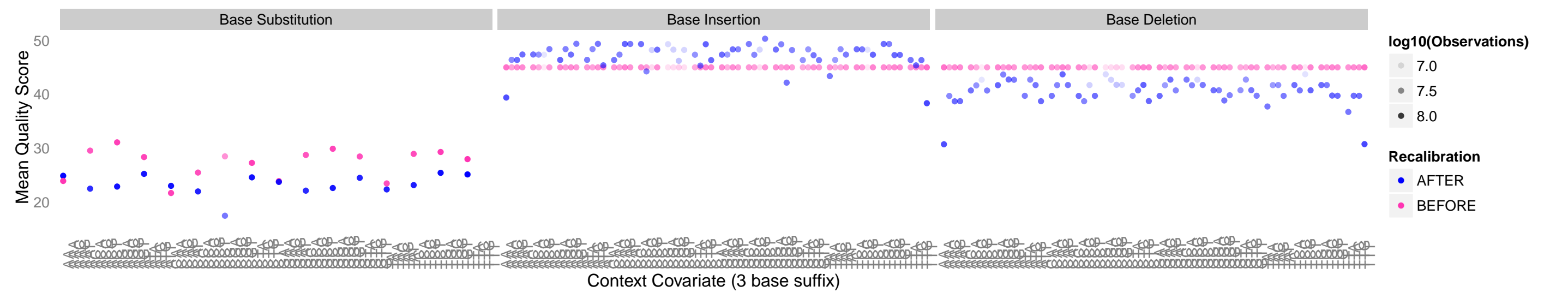
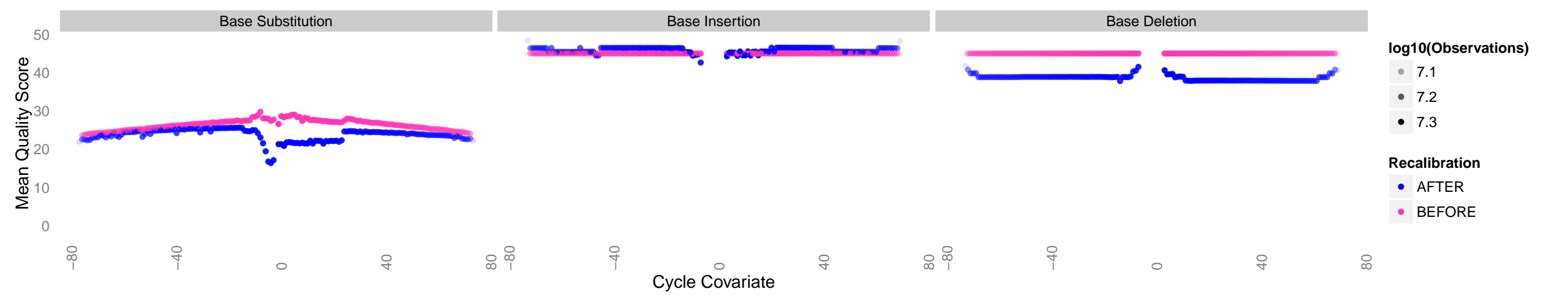
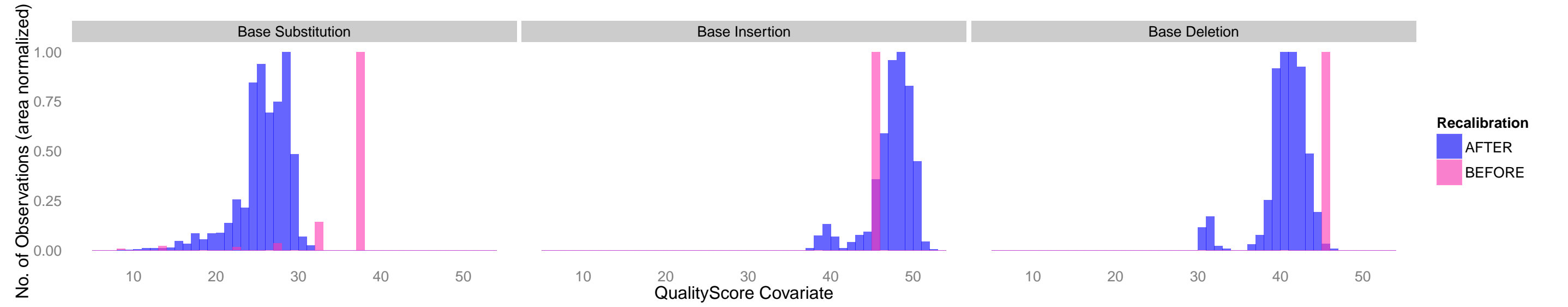


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	Run1	Run1	Run1
EventType	M	I	D
EmpiricalQuality	23.0	45.0	39.0
EstimatedQReported	26.2	45.0	45.0
Observations	2.66e+09	2.66e+09	2.66e+09
Errors	1.24e+07	7.58e+04	3.25e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
Run1	8	M	10	17587225	1707520.36
Run1	13	M	15	50634515	1661644.28
Run1	22	M	20	34649999	337153.31
Run1	27	M	22	80240890	530707.38
Run1	32	M	21	311830182	2312197.76
Run1	37	M	26	2165013052	5897474.70
Run1	45	I	45	2659955863	75762.21
Run1	45	D	39	2659955863	325330.86