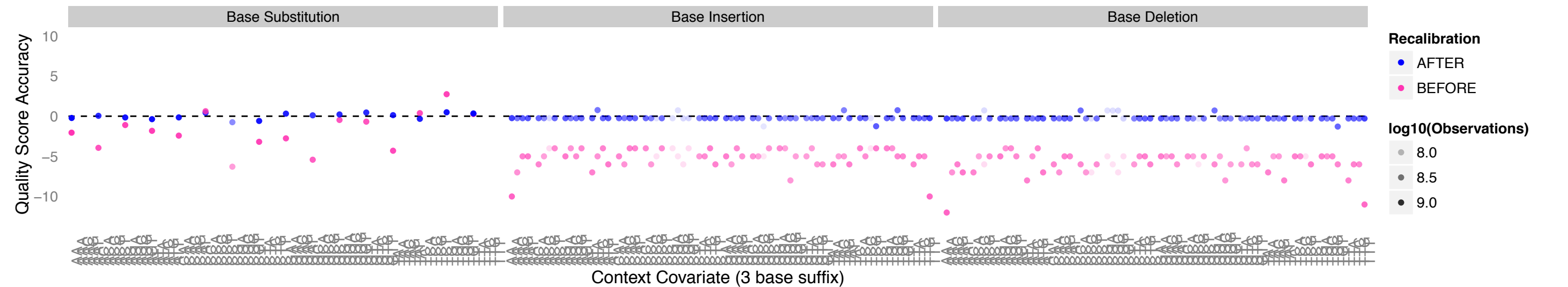
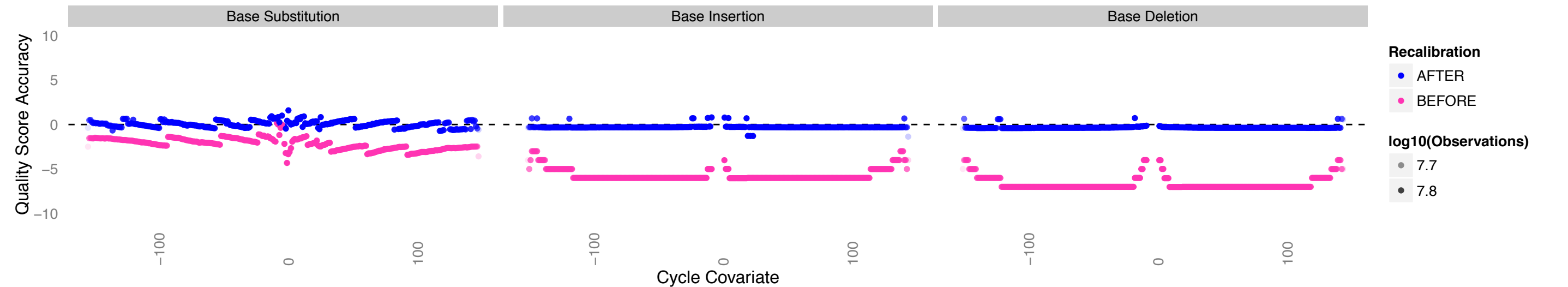
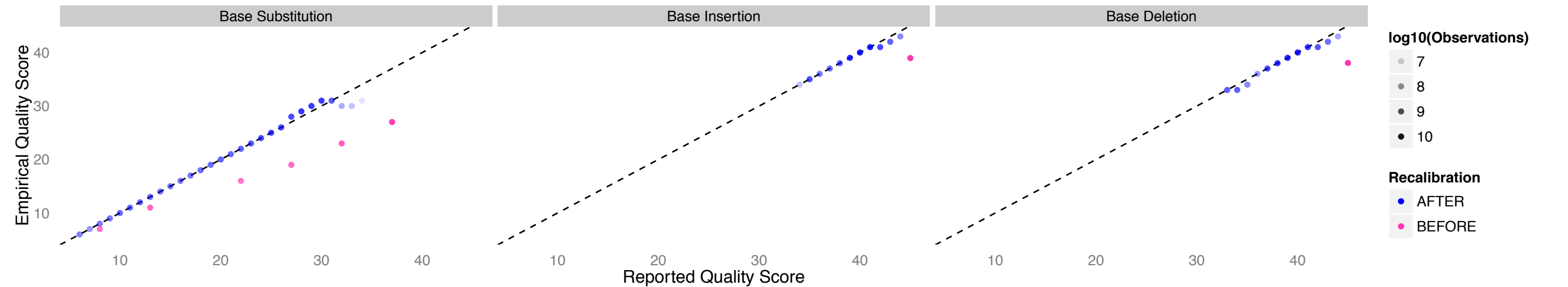
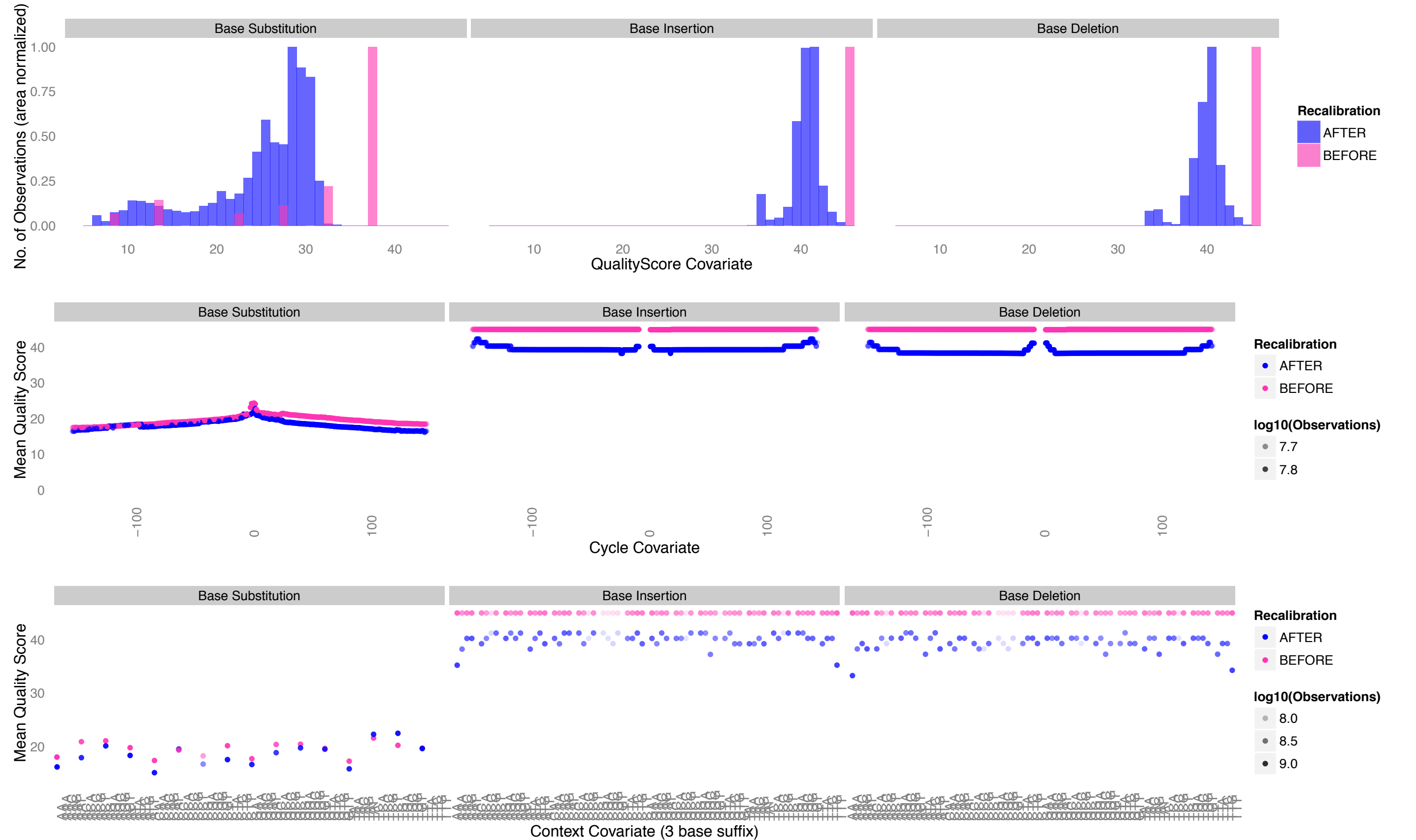


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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	141114_N1	141114_N1	141114_N1
EventType	M	I	D
EmpiricalQuality	17.0	39.0	38.0
EstimatedQReported	19.3	45.0	45.0
Observations	2.21e+10	2.21e+10	2.21e+10
Errors	4.38e+08	2.56e+06	3.17e+06

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
141114_N1	8	M	7	932116370	198534786
141114_N1	13	M	11	1950115590	156919659
141114_N1	22	M	16	916698459	22894569
141114_N1	27	M	19	1550951742	18034956
141114_N1	32	M	23	3023394562	14356441
141114_N1	37	M	27	13678622218	27725609
141114_N1	45	I	39	22051898941	2564255
141114_N1	45	D	38	22051898941	3172931