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

Tue Nov 19 13:02:42 2013
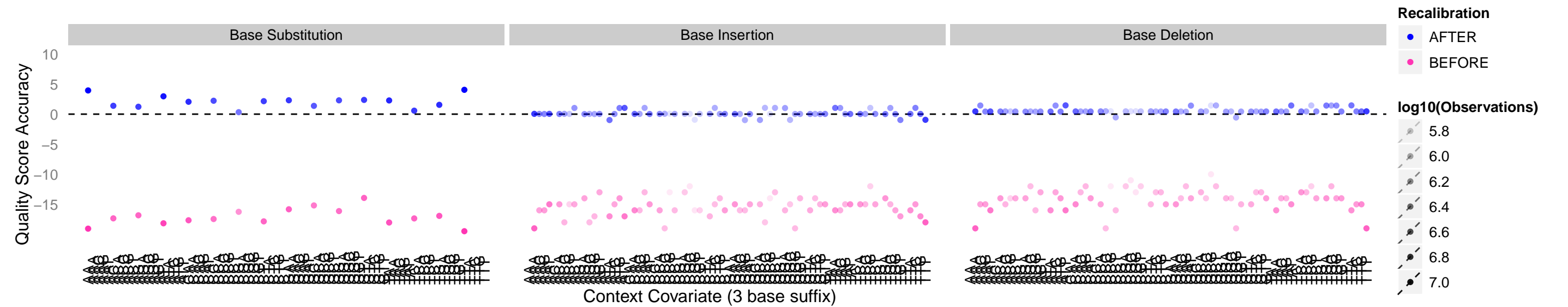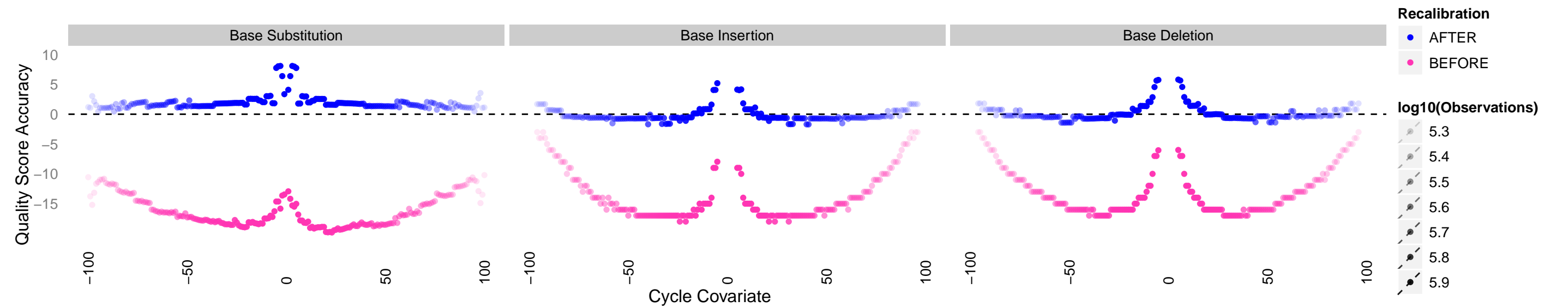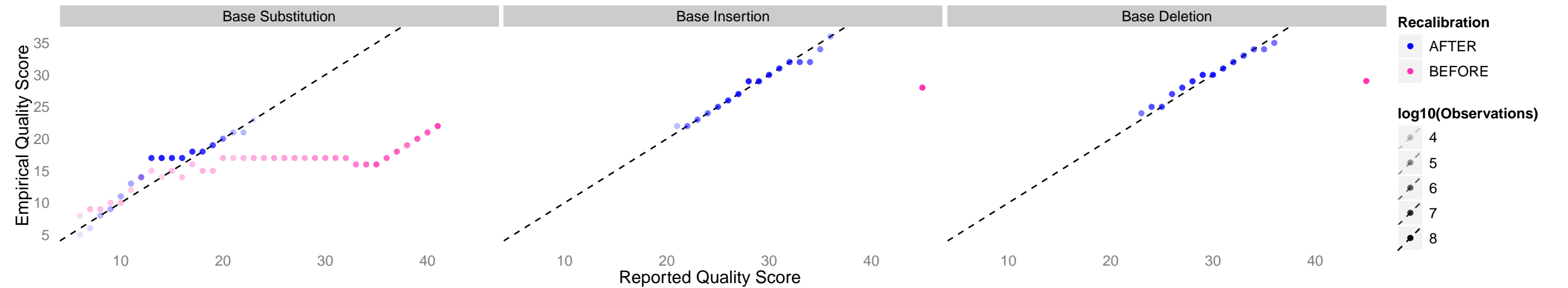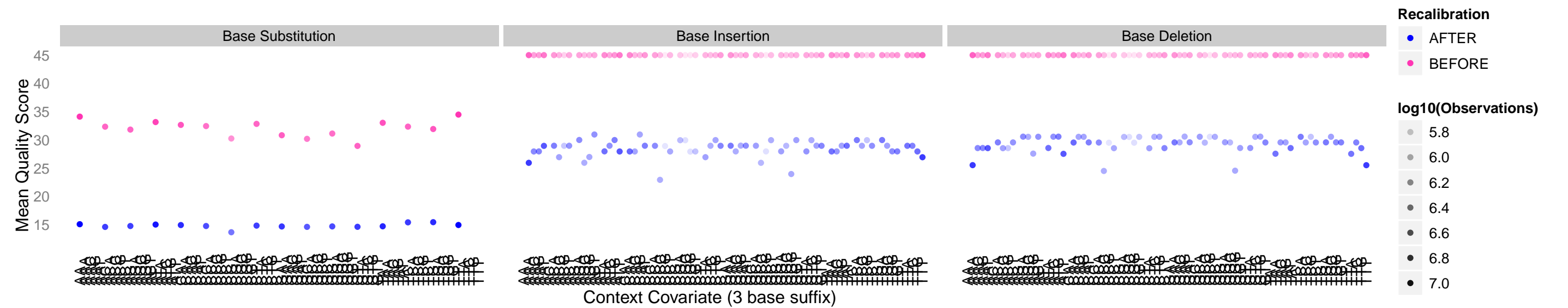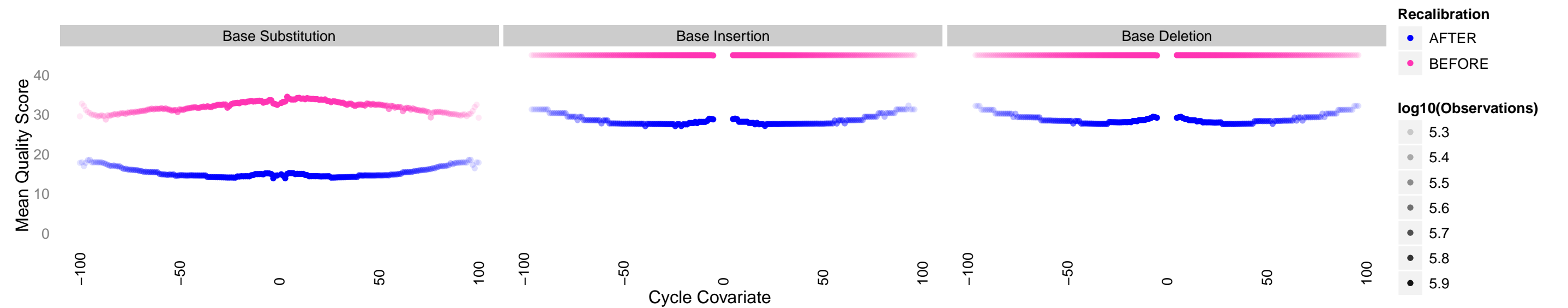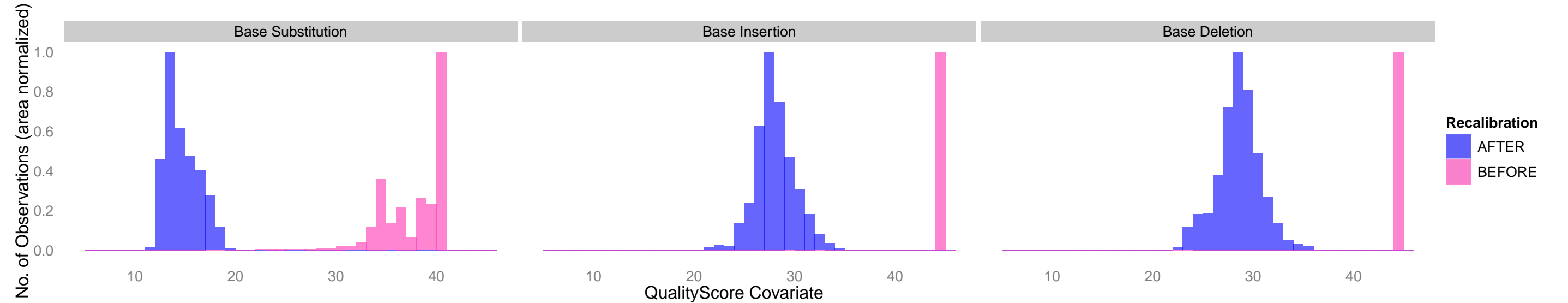
Overall error rates by event type

ReadGroup	Jap_DLSI286_interleaved	Jap_DLSI286_interleaved	Jap_DLSI286_interleaved
EventType	M	I	D
EmpiricalQuality	15.0	28.0	29.0
EstimatedQReported	32.3	45.0	45.0
Observations	1.03e+08	1.03e+08	1.03e+08
Errors	3.25e+06	1.49e+05	1.25e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
Jap_DLSI286_interleaved	6	M	8	9851	1647.81
Jap_DLSI286_interleaved	7	M	9	51356	5830.03
Jap_DLSI286_interleaved	8	M	9	51422	6326.30
Jap_DLSI286_interleaved	9	M	10	32003	3477.10
Jap_DLSI286_interleaved	10	M	10	40819	4144.38
Jap_DLSI286_interleaved	11	M	12	18711	1099.77
Jap_DLSI286_interleaved	12	M	14	12772	508.26
Jap_DLSI286_interleaved	13	M	15	26034	761.95
Jap_DLSI286_interleaved	14	M	14	12579	542.94
Jap_DLSI286_interleaved	15	M	15	41895	1242.43
Jap_DLSI286_interleaved	16	M	14	37062	1558.46
Jap_DLSI286_interleaved	17	M	16	45127	1244.15
Jap_DLSI286_interleaved	18	M	15	83154	2937.43
Jap_DLSI286_interleaved	19	M	15	60182	1938.90
Jap_DLSI286_interleaved	20	M	17	84968	1657.33
Jap_DLSI286_interleaved	21	M	17	33593	792.88
Jap_DLSI286_interleaved	22	M	17	62407	1371.34
Jap_DLSI286_interleaved	23	M	17	104211	2190.39
Jap_DLSI286_interleaved	24	M	17	129930	2878.74
Jap_DLSI286_interleaved	25	M	17	202325	4161.30
Jap_DLSI286_interleaved	26	M	17	219656	4581.52
Jap_DLSI286_interleaved	27	M	17	225932	4816.30
Jap_DLSI286_interleaved	28	M	17	171749	3546.64
Jap_DLSI286_interleaved	29	M	17	404931	8082.83
Jap_DLSI286_interleaved	30	M	17	511264	10345.02
Jap_DLSI286_interleaved	31	M	17	868463	19389.03
Jap_DLSI286_interleaved	32	M	17	763272	15940.72
Jap_DLSI286_interleaved	33	M	16	1557071	37581.18
Jap_DLSI286_interleaved	34	M	16	4752988	130527.71
Jap_DLSI286_interleaved	35	M	16	14693340	341917.63
Jap_DLSI286_interleaved	36	M	17	5611193	133341.75
Jap_DLSI286_interleaved	37	M	18	8784971	219746.31
Jap_DLSI286_interleaved	38	M	19	2630841	85521.36
Jap_DLSI286_interleaved	39	M	20	10681827	314099.22
Jap_DLSI286_interleaved	40	M	21	9445835	334338.15
Jap_DLSI286_interleaved	41	M	22	40879321	1540584.95
Jap_DLSI286_interleaved	45	I	28	103343055	149497.73
Jap_DLSI286_interleaved	45	D	29	103343055	125064.09