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
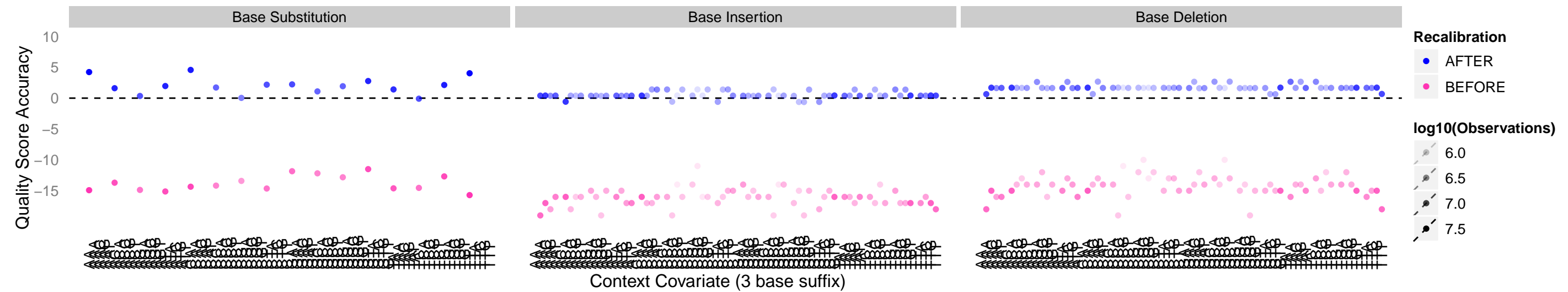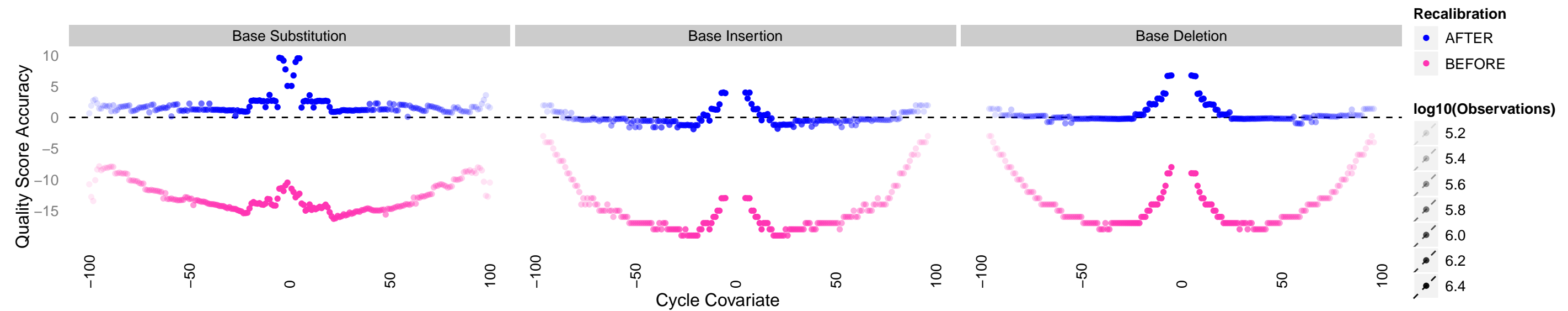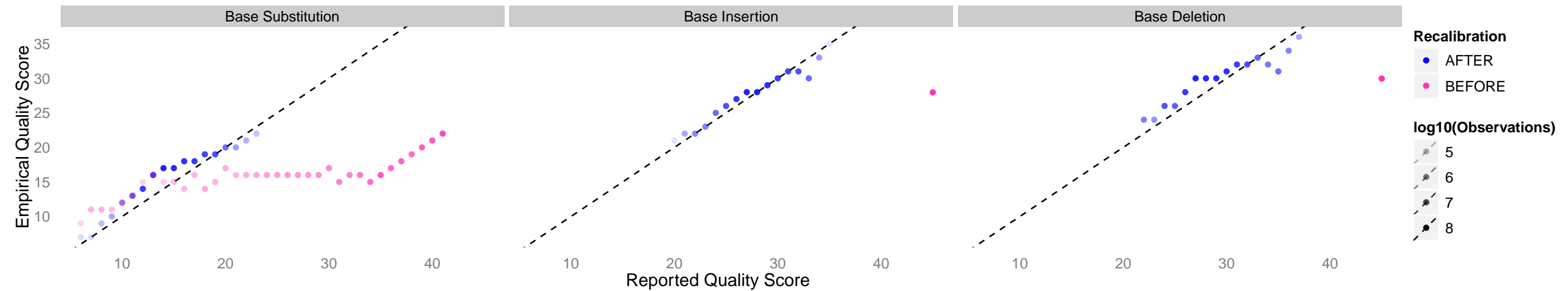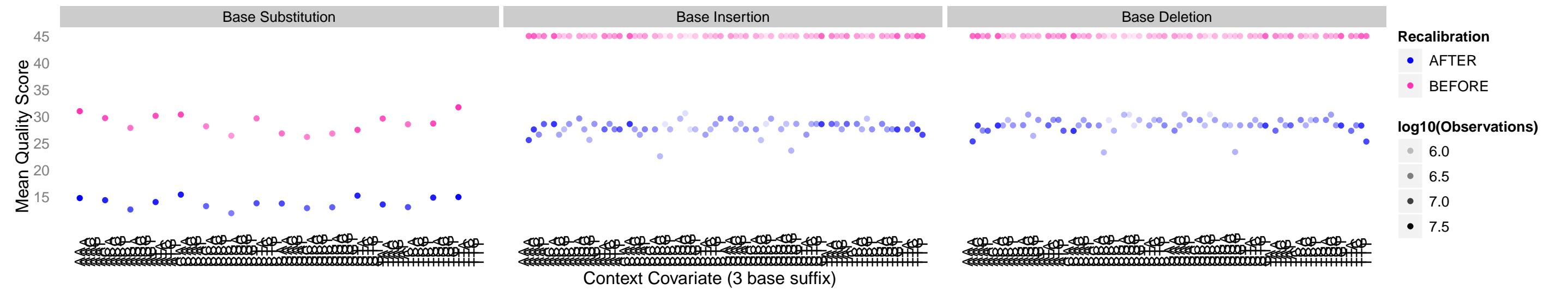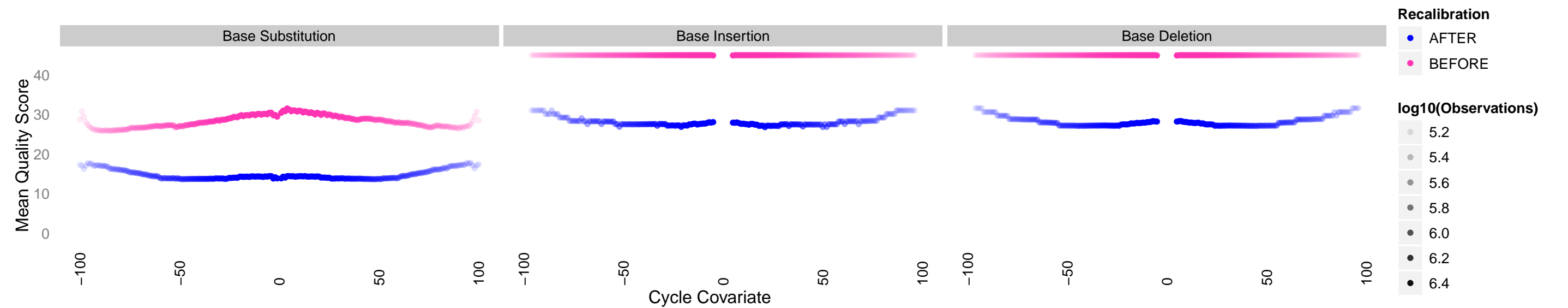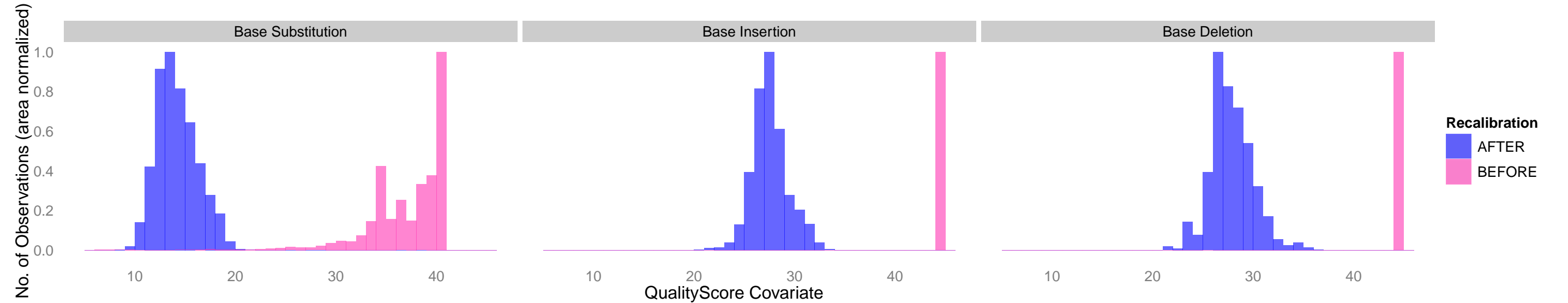
Overall error rates by event type

ReadGroup	Jap_DLSI025_interleaved	Jap_DLSI025_interleaved	Jap_DLSI025_interleaved
EventType	M	I	D
EmpiricalQuality	15.0	28.0	30.0
EstimatedQReported	29.2	45.0	45.0
Observations	2.29e+08	2.29e+08	2.29e+08
Errors	6.74e+06	3.42e+05	2.48e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
Jap_DLSI025_interleaved	6	M	9	45569	5171.41
Jap_DLSI025_interleaved	7	M	11	285462	21704.47
Jap_DLSI025_interleaved	8	M	11	300194	25861.88
Jap_DLSI025_interleaved	9	M	11	177075	14832.23
Jap_DLSI025_interleaved	10	M	12	217729	15325.14
Jap_DLSI025_interleaved	11	M	13	95034	4489.47
Jap_DLSI025_interleaved	12	M	15	52345	1709.74
Jap_DLSI025_interleaved	13	M	16	149180	4000.18
Jap_DLSI025_interleaved	14	M	15	65223	2249.46
Jap_DLSI025_interleaved	15	M	15	180915	5281.50
Jap_DLSI025_interleaved	16	M	14	189879	7178.66
Jap_DLSI025_interleaved	17	M	16	261939	6517.21
Jap_DLSI025_interleaved	18	M	14	396973	14700.16
Jap_DLSI025_interleaved	19	M	15	259496	8863.25
Jap_DLSI025_interleaved	20	M	17	345258	7702.21
Jap_DLSI025_interleaved	21	M	16	202245	5052.79
Jap_DLSI025_interleaved	22	M	16	317296	8030.57
Jap_DLSI025_interleaved	23	M	16	541142	12868.62
Jap_DLSI025_interleaved	24	M	16	649132	16634.03
Jap_DLSI025_interleaved	25	M	16	831193	21299.25
Jap_DLSI025_interleaved	26	M	16	1186874	29437.96
Jap_DLSI025_interleaved	27	M	16	1120716	28174.52
Jap_DLSI025_interleaved	28	M	16	980900	22247.62
Jap_DLSI025_interleaved	29	M	16	1555675	40886.11
Jap_DLSI025_interleaved	30	M	17	2593745	57849.05
Jap_DLSI025_interleaved	31	M	15	3388602	97102.46
Jap_DLSI025_interleaved	32	M	16	3183120	73470.68
Jap_DLSI025_interleaved	33	M	16	5420855	134743.81
Jap_DLSI025_interleaved	34	M	15	10608662	322429.66
Jap_DLSI025_interleaved	35	M	16	30507817	691979.09
Jap_DLSI025_interleaved	36	M	17	11313200	288312.44
Jap_DLSI025_interleaved	37	M	18	18133605	477417.74
Jap_DLSI025_interleaved	38	M	19	10706709	339800.66
Jap_DLSI025_interleaved	39	M	20	23874428	656492.94
Jap_DLSI025_interleaved	40	M	21	27125480	863602.72
Jap_DLSI025_interleaved	41	M	22	71779798	2403598.15
Jap_DLSI025_interleaved	45	I	28	229043465	342300.26
Jap_DLSI025_interleaved	45	D	30	229043465	247977.17