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
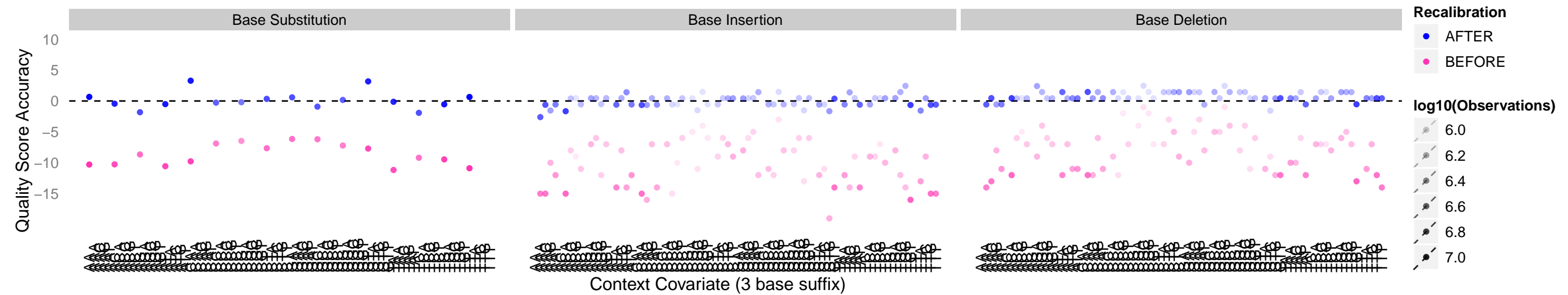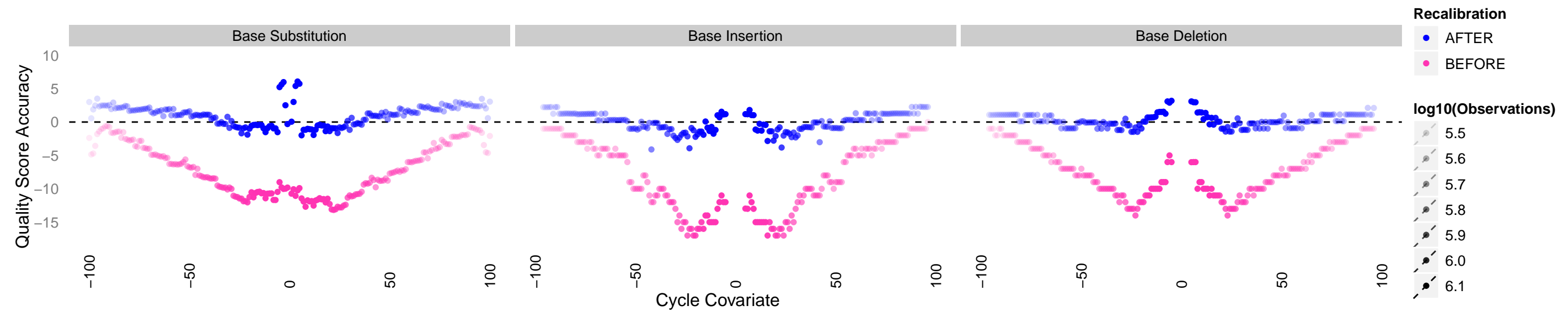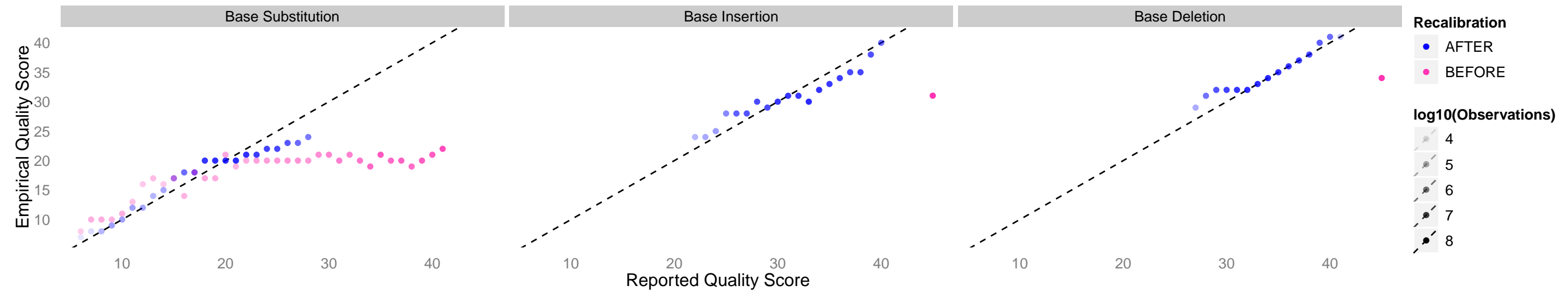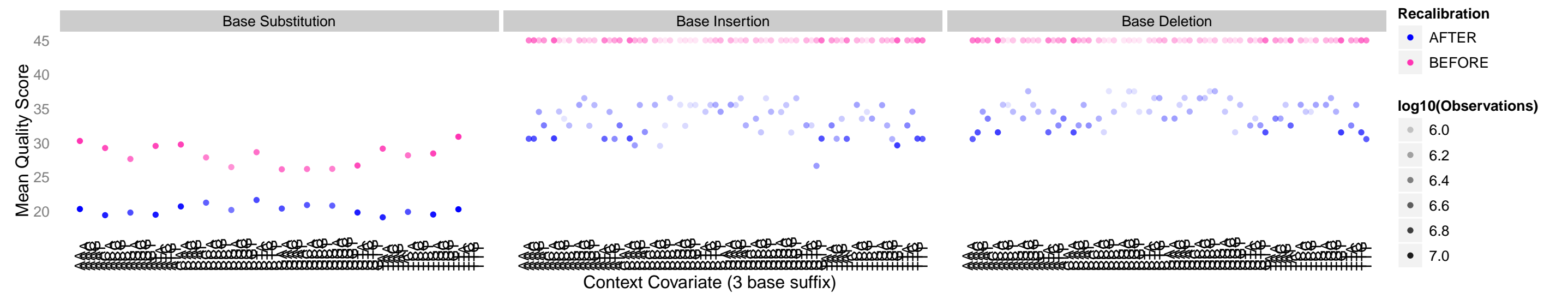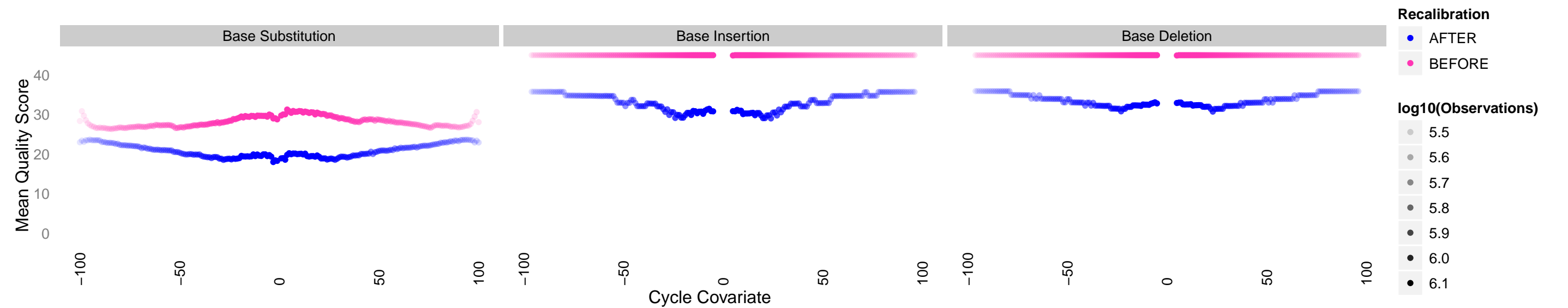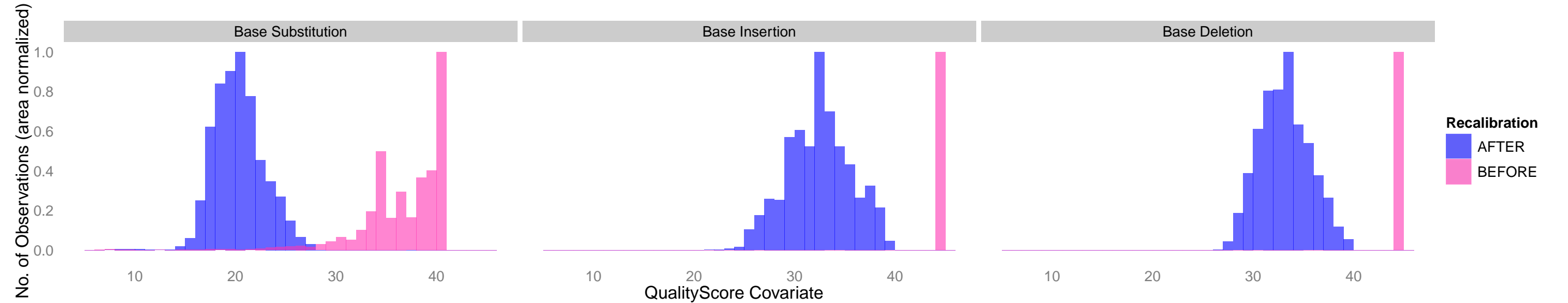
Overall error rates by event type

ReadGroup	Antarctica_DLSI167_interleaved	Antarctica_DLSI167_interleaved	Antarctica_DLSI167_interleaved
EventType	M	I	D
EmpiricalQuality	19.0	31.0	34.0
EstimatedQReported	28.5	45.0	45.0
Observations	1.32e+08	1.32e+08	1.32e+08
Errors	1.53e+06	9.89e+04	5.71e+04

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
Antarctica_DLSI167_interleaved	6	M	8	34366	4881.13
Antarctica_DLSI167_interleaved	7	M	10	178946	16941.58
Antarctica_DLSI167_interleaved	8	M	10	200976	20601.84
Antarctica_DLSI167_interleaved	9	M	10	124105	11642.41
Antarctica_DLSI167_interleaved	10	M	11	171354	14897.74
Antarctica_DLSI167_interleaved	11	M	13	69919	3762.46
Antarctica_DLSI167_interleaved	12	M	16	43511	1065.58
Antarctica_DLSI167_interleaved	13	M	17	85589	1556.58
Antarctica_DLSI167_interleaved	14	M	16	43071	1034.16
Antarctica_DLSI167_interleaved	15	M	17	154207	2758.29
Antarctica_DLSI167_interleaved	16	M	14	147438	6249.43
Antarctica_DLSI167_interleaved	17	M	18	181682	3131.25
Antarctica_DLSI167_interleaved	18	M	17	276721	5759.78
Antarctica_DLSI167_interleaved	19	M	17	198592	3600.90
Antarctica_DLSI167_interleaved	20	M	21	278312	2064.69
Antarctica_DLSI167_interleaved	21	M	19	121477	1484.13
Antarctica_DLSI167_interleaved	22	M	20	204725	2225.21
Antarctica_DLSI167_interleaved	23	M	20	373100	3527.52
Antarctica_DLSI167_interleaved	24	M	20	488318	4812.32
Antarctica_DLSI167_interleaved	25	M	20	597994	5958.38
Antarctica_DLSI167_interleaved	26	M	20	710109	7593.47
Antarctica_DLSI167_interleaved	27	M	20	843926	7734.10
Antarctica_DLSI167_interleaved	28	M	20	592024	5987.91
Antarctica_DLSI167_interleaved	29	M	21	1107599	9457.58
Antarctica_DLSI167_interleaved	30	M	21	1669799	15012.15
Antarctica_DLSI167_interleaved	31	M	20	2451317	26941.67
Antarctica_DLSI167_interleaved	32	M	21	2003119	17327.30
Antarctica_DLSI167_interleaved	33	M	20	3827419	34806.26
Antarctica_DLSI167_interleaved	34	M	19	7240558	82318.68
Antarctica_DLSI167_interleaved	35	M	21	18463610	151205.16
Antarctica_DLSI167_interleaved	36	M	20	6082641	60338.60
Antarctica_DLSI167_interleaved	37	M	20	10978122	107774.73
Antarctica_DLSI167_interleaved	38	M	19	6103393	76452.96
Antarctica_DLSI167_interleaved	39	M	20	13622987	144082.35
Antarctica_DLSI167_interleaved	40	M	21	14894096	189449.40
Antarctica_DLSI167_interleaved	41	M	22	37017768	477432.10
Antarctica_DLSI167_interleaved	45	I	31	131582890	98904.30
Antarctica_DLSI167_interleaved	45	D	34	131582890	57083.66