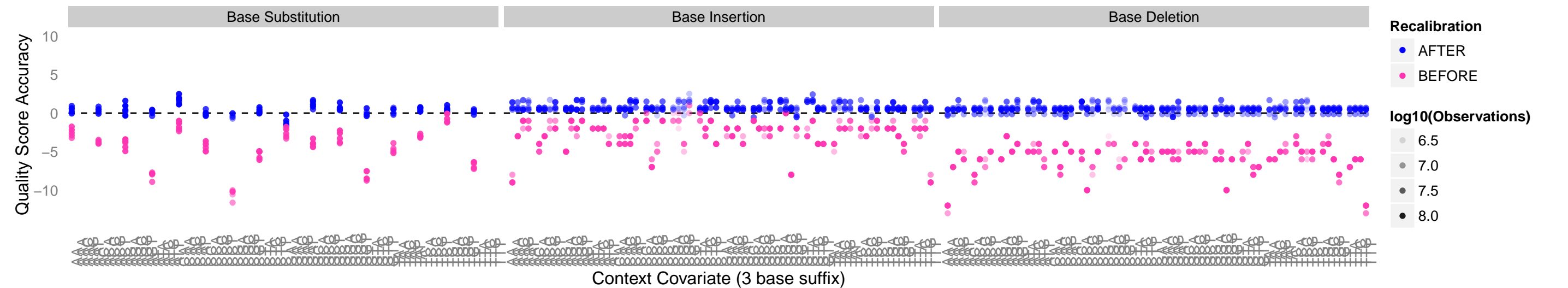
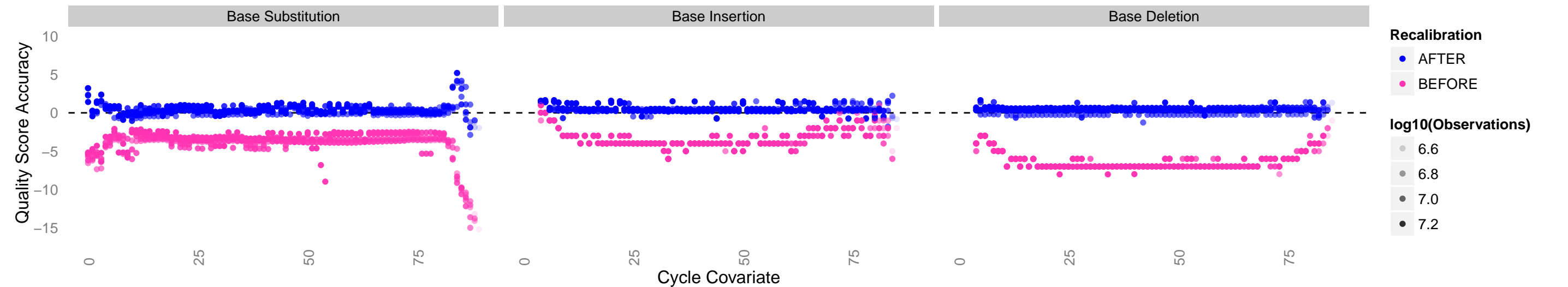
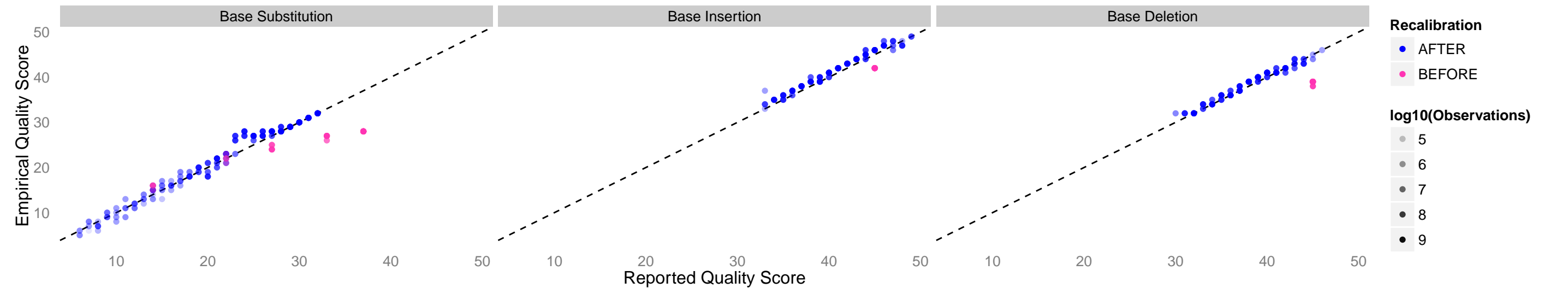
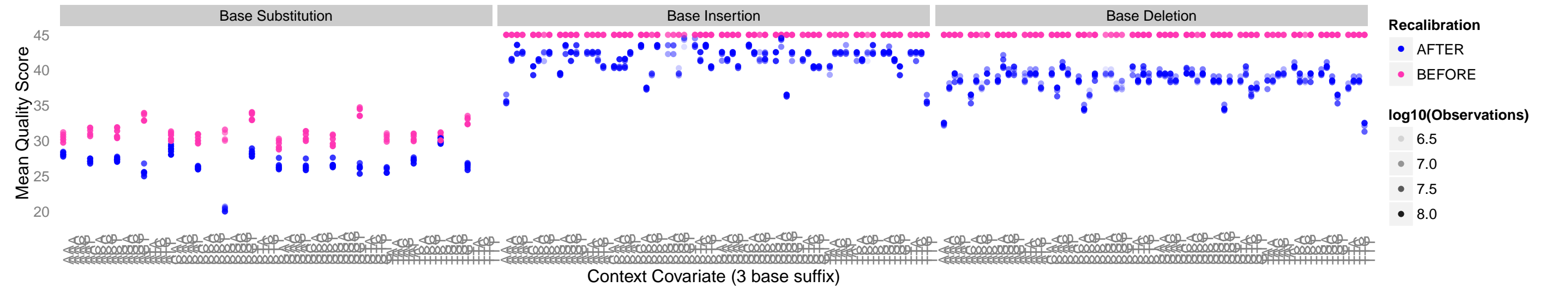
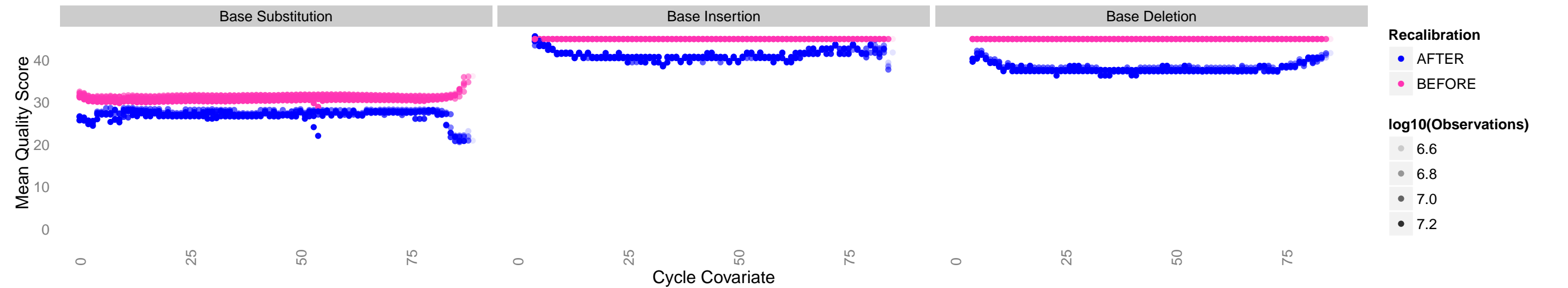
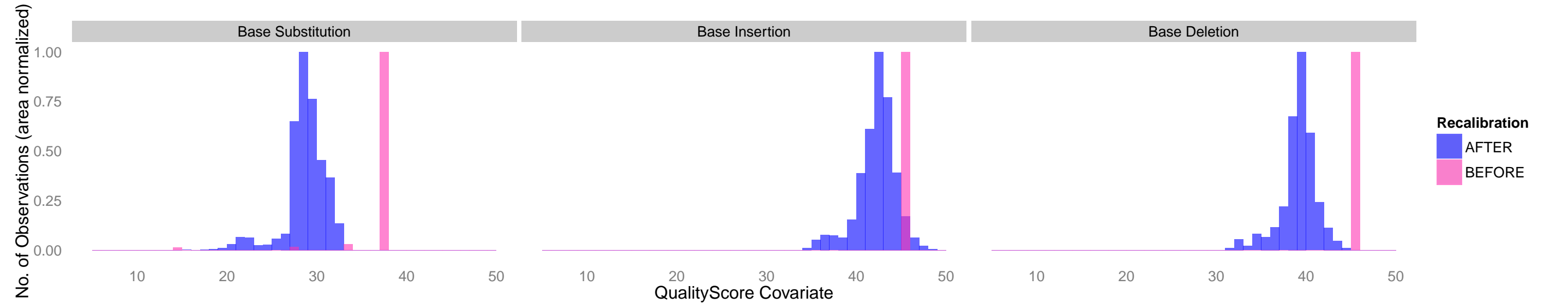


Argument	Value
binary_tag_name	None
covariate	ReadGroup,QualityScore,Context,Cycle
default_platform	None
deletions_default_quality	45
force_platform	None
indels_context_size	3
insertions_default_quality	45
low_quality_tail	2
maximum_cycle_value	500
mismatches_context_size	2
mismatches_default_quality	-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

HWI-D00422.154.1	HWI-D00422.154.1	HWI-D00422.154.1	HWI-D00422.154.2	HWI-D00422.154.2	HWI-D00422.154.2	HWI-D00422.154.3	HWI-D00422.154.3	HWI-D00422.154.3	HWI-D00422.154.4	HWI-D00422.154.4	HWI-D00422.154.4	HWI-D00422.154.5	HWI-D00422.154
M	I	D	M	I	D	M	I	D	M	I	D	M	
27.0	42.0	39.0	27.0	42.0	39.0	27.0	42.0	39.0	27.0	42.0	39.0	27.0	42.0
31.6	45.0	45.0	31.3	45.0	45.0	30.4	45.0	45.0	30.7	45.0	45.0	31.7	45.0
1.32e+09	1.32e+09	1.32e+09	1.52e+09	1.52e+09	1.52e+09	1.91e+09	1.91e+09	1.91e+09	1.96e+09	1.96e+09	1.96e+09	8.94e+08	8.94e+08
2.66e+06	8.56e+04	1.72e+05	2.96e+06	9.81e+04	2.00e+05	4.19e+06	1.23e+05	2.52e+05	4.18e+06	1.36e+05	2.74e+05	1.67e+06	6.28e+05

Error rates by event type and initial quality score

ReadGroup	QualityScore	EventType	EmpiricalQuality	Observations	Errors
HWI-D00422.154.1	14	M	16	14968502	403919.36
HWI-D00422.154.1	22	M	21	955151	6976.55
HWI-D00422.154.1	27	M	24	19252006	69746.33
HWI-D00422.154.1	33	M	26	37075680	84818.38
HWI-D00422.154.1	37	M	28	1251593981	2097479.32
HWI-D00422.154.1	45	I	42	1323845320	85614.12
HWI-D00422.154.1	45	D	39	1323845320	172493.19
HWI-D00422.154.2	14	M	16	19403089	437073.69
HWI-D00422.154.2	22	M	23	1245955	5935.27
HWI-D00422.154.2	27	M	25	23491351	67864.69
HWI-D00422.154.2	33	M	27	44085854	89151.39
HWI-D00422.154.2	37	M	28	1429151085	2360343.76
HWI-D00422.154.2	45	I	42	1517377334	98094.52
HWI-D00422.154.2	45	D	39	1517377334	199526.03
HWI-D00422.154.3	14	M	15	31907578	901434.43
HWI-D00422.154.3	22	M	22	2232449	13001.03
HWI-D00422.154.3	27	M	24	35816405	139088.42
HWI-D00422.154.3	33	M	27	63828892	141514.65
HWI-D00422.154.3	37	M	28	1774435219	2997618.86
HWI-D00422.154.3	45	I	42	1908220543	123271.05
HWI-D00422.154.3	45	D	39	1908220543	251986.00
HWI-D00422.154.4	14	M	15	30381276	899886.71
HWI-D00422.154.4	22	M	22	2188635	13758.38
HWI-D00422.154.4	27	M	24	34684048	140379.57
HWI-D00422.154.4	33	M	27	62500955	129263.78
HWI-D00422.154.4	37	M	28	1834802187	2993471.67
HWI-D00422.154.4	45	I	42	1964557101	135885.31
HWI-D00422.154.4	45	D	39	1964557101	274135.63
HWI-D00422.154.5	14	M	16	9779941	236879.60
HWI-D00422.154.5	22	M	23	652019	3210.33
HWI-D00422.154.5	27	M	25	12264613	39838.60
HWI-D00422.154.5	33	M	27	22902909	46350.76
HWI-D00422.154.5	37	M	28	848071768	1339595.84
HWI-D00422.154.5	45	I	42	893671250	62828.30
HWI-D00422.154.5	45	D	38	893671250	126732.37