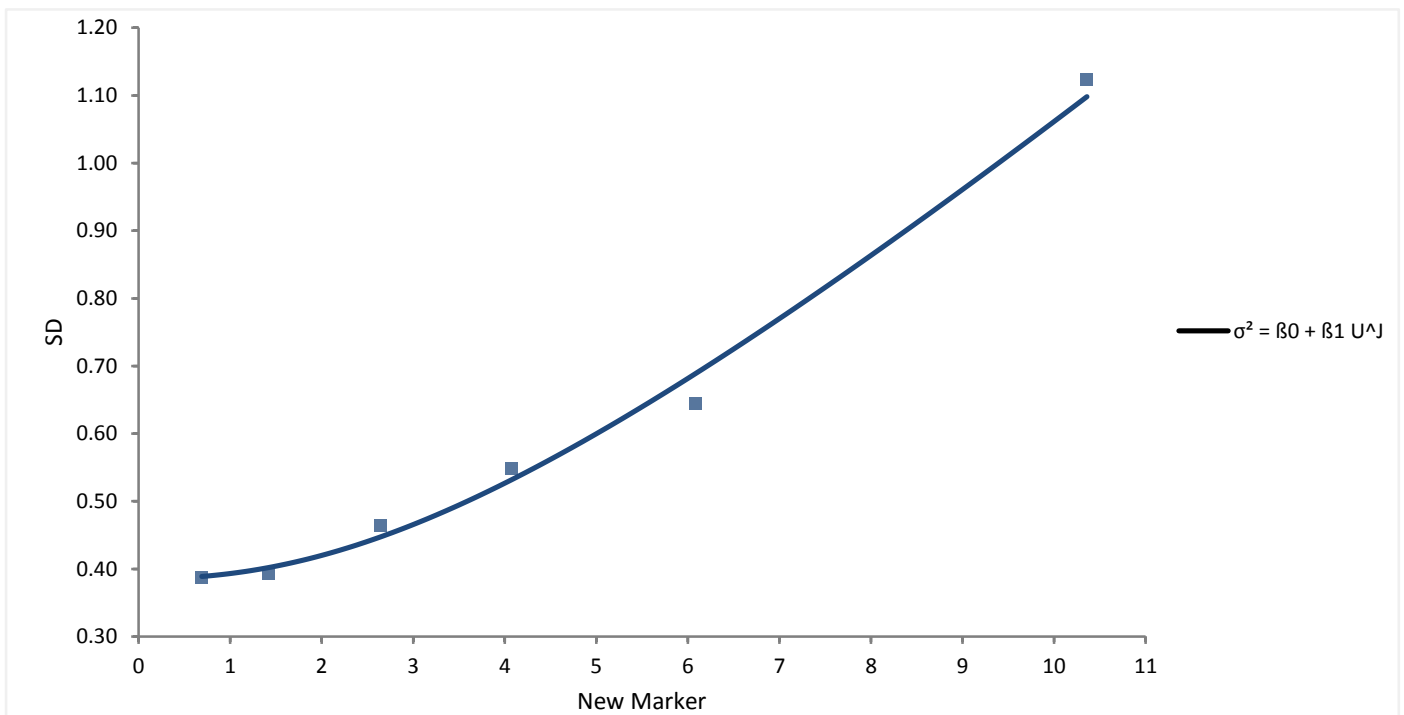


Precision

| X | Mean | SD | 95% CI | CV |
|---|--------|-------|----------------|-------|
| A | 0.690 | 0.387 | 0.335 to 0.458 | 56.1% |
| B | 1.420 | 0.392 | 0.339 to 0.464 | 27.6% |
| C | 2.650 | 0.464 | 0.402 to 0.550 | 17.5% |
| D | 4.080 | 0.548 | 0.474 to 0.649 | 13.4% |
| E | 6.080 | 0.645 | 0.558 to 0.764 | 10.6% |
| F | 10.360 | 1.123 | 0.972 to 1.330 | 10.8% |

Profile



Model | 3-parameter alternative power variance function
 Equation | $\sigma^2 = \beta_0 + \beta_1 U^J$

| Parameter | |
|-----------|----------|
| β_0 | 0.1485 |
| β_1 | 0.006009 |
| J | 2.212 |

-LogLikelihood | 1.1708

MSA: New Marker

CLSI EP17-A2 - Appendix B (generated data to achieve given Mean/SD for each pool)

Last updated 23 June 2015 at 15:05 by Simon Huntington

Detection Capability

Detection Decision

| | | | |
|-------------|-------|----|-------------------------|
| | | | Critical value (LoB) |
| Known value | Alpha | 5% | 0.51 |

Detection Limit

| | | | | |
|----------------|------------|------|----|--------------------------|
| | | | | Detection limit (LoD) |
| Profile at LoD | Profile SD | Beta | 5% | 1.16 |