Figure 1: Differential Monitoring Logic Model & Algorithm (DMLMA)©
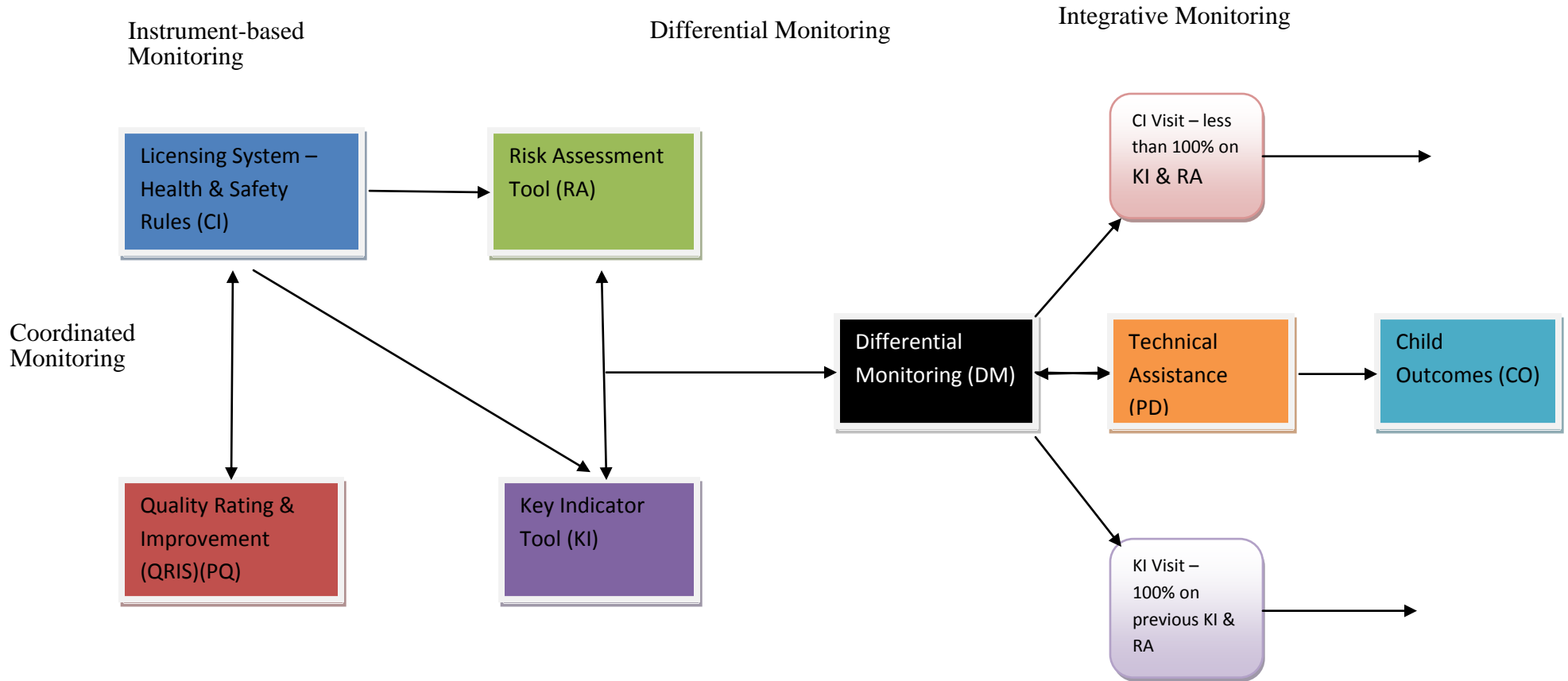

Instrument-based Monitoring

Differential Monitoring

Integrative Monitoring

Licensing System – Health & Safety Rules (CI)

Risk Assessment Tool (RA)

CI Visit – less than 100% on KI & RA

Coordinated Monitoring

Differential Monitoring (DM)

Technical Assistance (PD)

Child Outcomes (CO)

Quality Rating & Improvement (QRIS)(PQ)

Key Indicator Tool (KI)

KI Visit – 100% on previous KI & RA

Figure 2: Differential Monitoring Logic Model & Algorithm (DMLMA)$^©$ and Validation Approaches (Zellman & Fiene, 2012)

$$\sum CI \times \sum PQ \Rightarrow \sum RA + \sum KI \Rightarrow \sum DM + \sum PD \Rightarrow CO$$

(1) Standards Validation
(2) Measures Validation
(3) Output Validation
(4) Outcome Validation

Instrument-based Monitoring

Integrative Monitoring

Coordinated Monitoring

Differential Monitoring

Licensing System - Health & Safety Rules (CI)(1,2,3)

Risk Assessment Tool (RA)(1,2)

Quality Rating & Improvement (QRIS)(PQ)(3)

Key Indicator Tool (KI)(1,2)

Differential Monitoring (DM)(2)

Technical Assistance (PD)(3)

Child Outcomes (CO)(4)

CI Visit – less than 100% on KI & RA

KI Visit – 100% on previous KI & RA