

Is Data Mining Right for Head Start?

A copy of the presentation is available at
www.ccr-analytics.com/presentations/

Key Concepts

- Correlation
 - Two things move together
 - Family Income and Developmental Levels are correlated
 - On average, children from higher income families have higher developmental levels.
- Correlation vs. Causation
 - Why are Family Income and Developmental Levels correlated?

Key Findings (remember these are just about this program, not generally true for all programs)

- Attendance is highly correlated with child growth. A number of factors tend to predict or impact attendance.
- CLASS analysis. Teacher's with a B.A. tend to score higher in Instructional Support. Classes with Behavior management scores also had higher child growth in most child development domains.
- Family Engagement efforts in the area of Parent-Child Relationships increased language & literacy scores for children.
- The children of families who declined to set family goals tended to have less growth in most child development domains.

The video can be found at <http://gradelevelreading.net/>

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