GPAER Variables for Analysis

Retention (we have two measures):

a. We will analyze the percentage of enrolled students who attended 12 hours and were assessed on the TABE.
b. Students are required to be post tested on the TABE by the 30\textsuperscript{th}/40\textsuperscript{th} hour of instruction after the pre-test. We will be measuring retention by the percentage of enrolled students who were post tested.

Learner Gains (we have two measures):

a. We will be looking at the percentage of students post-tested by the 30\textsuperscript{th}/40\textsuperscript{th} hour who showed gains on the TABE in Reading, Language, or Math (if we have enough data points, we will analyze percentage of students who have gained in more than one area).
b. We will look at the percentage of students post-tested who gained a level by the 30\textsuperscript{th}/40\textsuperscript{th} hour in Reading, Language, or Math (if we have enough data points, we will analyze percentage of students who have gained in more than one area).

Independent Variables and Data Sources:

Site (Level 3):
Frequency of class offerings per week - GALIS
Frequency of class offerings on the weekend - GALIS
Type of class site (examples include: public housing, businesses, technical colleges, public schools, religious institutions, and libraries) - Survey
Percentage of classes that have technology in the classroom - Survey
Length of time Program Administrator is in the job – GOAE data
Available child care during class time - Survey
Accessibility of class (free parking, close access to rail and bus lines) - Survey

Teacher (Level 2):
Identification of full time or part time status for all ABE/ASE teachers - GALIS
Teaching years’ experience in ABE/ASE Education - GALIS
Number of hours of professional development for each ABE/ASE teacher - GALIS
Class size indicated by the number of students enrolled in each class - GALIS

Student (Level 1):
Gender - GALIS
Race/ethnicity - GALIS
Age - GALIS
Entry educational functioning level - GALIS
Highest level of school completed - GALIS
Special population status (low income, dislocated worker, homeless, ex-offender, migrant, disabled) – GALIS
Distance education indicator - GALIS