

**Tables for Tryon, Patelis, Chajewski, & Lewis**

Table 1

*Number of Test Takers for each High School Graduating Cohort*

Graduate Cohort Year	No. of Test Takers	% of Total
1995	1,140,129	5.5
1996	1,153,755	5.5
1997	1,196,213	5.7
1998	1,253,650	6.0
1999	1,308,903	6.2
2000	1,353,713	6.5
2001	1,368,850	6.6
2002	1,425,889	6.8
2003	1,504,831	7.2
2004	1,519,870	7.3
2005	1,575,979	7.6
2006	1,481,648	7.1
2007	1,508,657	7.2
2008	1,535,041	7.4
2009	1,547,694	7.4
Total	20,868,822	

Table 2

*Descriptive Statistics for Each Variable*

Variable	<i>N</i>	Min	Max	<i>M</i>	<i>SD</i>
1. SAT Critical Reading	19,847,293	200	800	504.7	111.5
2. SAT Mathematics	19,847,293	200	800	514.5	114.0
3. Number of Colleges Receiving SAT Scores from Test Taker	19,741,436	0	35	4.2	3.4
4. College Board Random ID	20,868,822	0	99,999	42,631.1	31,402.4
5. Self-Reported Writing Ability	16,951,554	1	4	2.3	.8
6. Self-Reported Science Ability	16,950,020	1	4	2.3	.7
7. Self-Reported Math Ability	6,990,264	1	4	2.3	.8
8. Mother's Education	17,377,273	1	9	5.5	2.3
9. Father's Education	17,005,573	1	9	5.7	2.4
10. Parents' Combined Household Income Level	14,220,843	1	15	8.2	3.7
11. Class Rank	12,797,227	1	6	2.6	1.2
12. Cumulative GPA	18,214,992	1	12	4.2	1.9
13. Number of Years Taking English Courses in High School	17,306,374	1	10	7.7	1.0

14. Number of Years Taking Arts & Music Courses in High School	16,817,765	1	10	5.3	3.1
15. Number of Years Taking Any Foreign Classical Language Courses in High School	17,179,476	1	10	5.8	2.1
16. Number of Years Taking Mathematics Courses in High School	17,306,517	1	10	7.5	1.2
17. Number of Years Taking Natural Science Courses in High School	17,091,515	1	10	6.9	1.6
18. Number of Years Taking Social Science & History Courses in High School	17,192,826	1	10	7.0	1.5

Table 3

*Correlation Matrix for Variables*

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	1.0000																
2	0.7178	1.0000															
3	0.2859	0.3142	1.0000														
4	-0.0047	-0.0111	0.0297	1.0000													
5	-0.4775	-0.0299	-0.1726	0.0056	1.0000												
6	-0.4655	-0.5308	-0.2136	0.0056	0.4327	1.0000											
7	-0.3917	-0.6311	-0.2161	0.0040	0.2791	0.6153	1.0000										
8	0.3323	0.3073	0.1585	-0.0018	-0.2040	-0.2239	-0.1832	1.0000									
9	0.3656	0.3600	0.1693	0.0005	-0.2169	-0.2509	-0.2159	0.5900	1.0000								
10	0.3227	0.3029	0.1089	-0.0205	-0.1484	-0.1800	-0.1506	0.4150	0.4643	1.0000							
11	-0.4570	-0.5150	-0.2147	0.0199	0.3673	0.5022	0.5254	-0.1753	-0.2013	-0.1103	1.0000						
12	-0.4613	-0.5020	-0.2262	0.0042	0.3404	0.4756	0.4987	-0.1712	-0.2010	-0.1341	0.7269	1.0000					
13	0.1061	0.0904	0.0602	-0.0052	-0.0762	-0.0628	-0.0567	0.0351	0.0352	0.0287	-0.0719	-0.0759	1.0000				
14	0.0617	0.0399	-0.0068	0.0047	-0.0382	-0.0227	-0.0101	0.0457	0.0403	0.0337	-0.0347	-0.0373	0.0662	1.0000			
15	0.2497	0.2635	0.1470	-0.0011	-0.1506	-0.1613	-0.1598	0.1345	0.1557	0.1160	-0.1955	-0.1943	0.1717	0.0544	1.0000		
16	0.1963	0.2818	0.1434	-0.0057	-0.0893	-0.2069	-0.2712	0.0984	0.1144	0.0932	-0.2277	-0.2279	0.5377	0.0505	0.2297	1.0000	
17	0.2116	0.2467	0.1335	-0.0143	-0.1104	-0.2648	-0.1965	0.1152	0.1264	0.0999	-0.2127	-0.2108	0.3825	0.0624	0.2197	0.4720	1.0000
18	0.1343	0.0945	0.0689	-0.0196	-0.0956	-0.0728	-0.0456	0.0743	0.0714	0.0763	-0.0763	-0.0916	0.4568	0.0567	0.1748	0.3670	0.4060

Notes: 1. = SAT Critical Reading; 2. = SAT Mathematics; 3. = Number of Colleges Test Takers Sent Scores; 4. = College Board Random ID; 5. = Student's self-rating of writing ability; 6. = Student's self-rating of science scholastic ability; 7. = Student's self-rating of math ability; 8. = Mother's highest level of education level; 9. = Father's highest level of education level; 10= Parents' Combined Household Income Level; 11. = Student's self-reported class rank; 12. = Student's self-reported high school grade point average; 13. = Number of years English courses were taken in high school; 14. = Number of years art and music courses were taken in high school; 15. = Number of years foreign or classical languages were taken in high school; 16. = Number of years math courses were taken in high school; 17. = Number of years science courses were taken in high school; 18. = Number of years Social Science or History courses taken in high school, All correlations are statistically significant,  $p < .05$ .