

Table 1
Matrix of Intercorrelations of the Predictor Variables

	CEEB _V	CEEB _M	CEEB _T	IQ	HS _{GP}	HS _{RA}	Age	HS _{RE}	GPA
CEEB _V	1.000	.4756	.8715	.4587	.3532	.3213	.0767	.1480	.4236
CEEB _M	.4756	1.0000	.8436	.4747	.3359	.3839	.0063	.2010	.5099
CEEB _T	.8715	.8436	1.0000	.5329	.4068	.4147	.0436	.2064	.5427
IQ	.4587	.4747	.5329	1.0000	.2875	.3664	.1536	.2522	.2788
HS _{GP}	.3532	.3359	.4068	.2875	1.0000	.7833	.0786	.3352	.5694
HS _{RA}	.3213	.3839	.4147	.3665	.7833	1.0000	.0387	.2956	.4976
Age	.0767	.0063	.0436	.1536	.0786	.0387	1.0000	.0930	.0356
HS _{RE}	.1480	.2010	.2064	.2522	.3352	.2956	.0930	1.0000	.2834
x ₁	507.47	587.04	1093.91	117.06	1.7325	74.098	17.810	0.6503	1.2175
s ₁	91.271	85.031	152.36	10.323	0.6391	21.789	0.6697	0.0477	0.7637

applicants were so nearly the same, the variability in ages was drastically restricted and the variable proved to have no predictive value in this particular study. (See Table 1.)

It is interesting to observe that the HS_{RE} variable produced a statistically significant Beta weight and remained in the prediction equation despite the inefficient quantifying scheme we were forced to use. It is felt that perhaps if a more efficient method of quantifying this variable were devised, it would prove to have markedly better validity as a predictor. A possible means for achieving this would be to include a five point rating scale, such as the one described in Table 3, with the blank grade transcript sent to the high schools by most colleges. This scale should be marked by the principal or senior counselor and returned with the transcript of grades. Upon rehashing the data, it was observed that the +1 ratings had little predictive validity while the 0 and -1 ratings, particularly the -1 ratings, were usually quite valid.

Let us observe at this point that the row of B₁ constants indicates the relative importance of the variables in the prediction. Thus HS_{GP} is the strongest predictor, followed by CEEB_M, CEEB_V, and HS_{RE}, respectively.

Table 2.
Beta Weights

	CEEB _V	CEEB _M	HS _{GP}	HS _{RE}
B ₁ (standard scores)	.1303	.2983	.3995	.0700
b ₁ (raw scores)	.0011	.0027	.4774	1.1207

Table 3.
Sample 5 Point Rating Scale for High School Recommendation

The principal or senior counselor will mark the one phrase which best describes the applicant.

- 5 - It is felt that this student is superior college material in every respect.
- 4 - It is felt that this student is good college material in every respect.
- 3 - It is felt that this student has the minimum qualifications for college work.
- 2 - There is doubt as to whether this student is qualified for college work.
- 1 - It is felt that this student is *not* qualified for college work.

LITERATURE CITED

Dubois, Philip H. 1957. *Multivariate Correlation Analysis*. Harper and Brothers, New York, 425 pp.
 Peters, Charles C., and Van Voorhis, Walter R. 1940. *Statistical Procedures and Their Mathematical Bases*. McGraw-Hill Book Company, Inc., New York, 478 pp.
 Walker, Helen M., and Lev, Joseph. 1953. *Statistical Inferences*. Henry Holt and Company, New York, 573 pp.

DATES OF MAILING VOLUME 37 (1962)

Number 1, January	February 27
Number 2, April	April 25
Number 3, July	July 19
Number 4, October	September 27