

APPENDIX - D

Normalized biserial coefficients of correlation as determined from proportions of correct responses in upper and lower 27 percent of the group

		PROPORTION OF CORRECT RESPONES IN THE 27 PERCENT																									
		02	06	10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94	98	
PROPORTION OF CORRECT RESPONSES IN THE LOWER 27 PERCENT	02	00	19	30	37	43	48	51	55	58	61	63	66	68	70	72	73	75	77	79	80	82	84	86	88	91	02
	06	00	11	19	26	31	36	40	44	47	50	53	56	59	61	64	66	68	71	73	76	78	81	84	88	06	
	10	00	08	15	21	26	30	34	38	41	45	48	51	54	57	60	63	65	68	71	74	77	81	86	10		
	14	00	07	12	18	22	27	31	34	38	42	45	48	51	54	57	60	63	67	70	74	78	84	14			
	18	00	06	11	16	20	25	28	32	36	39	43	47	49	53	56	60	63	67	71	76	82	18				
	22	00	06	10	15	19	23	27	31	34	38	42	45	49	52	56	60	63	68	73	80	22					
	26	00	05	09	14	18	22	26	30	33	37	41	44	48	52	56	60	65	71	79	26						
	30	00	04	09	13	17	21	25	29	33	37	40	44	49	53	57	63	68	77	30							
	34	00	04	09	13	17	21	25	29	33	37	41	45	49	54	60	66	75	34								
	38	00	04	08	13	16	20	25	29	33	37	42	47	51	57	64	73	38									
	42	00	04	08	12	16	20	25	29	33	38	43	48	54	61	72	42										
	46	00	04	08	12	16	21	25	30	34	39	45	51	59	70	46											
	50	00	04	08	13	17	21	26	31	36	42	48	56	68	50												
	54	00	04	08	13	17	22	27	32	38	45	53	66	54													
	58	00	04	09	13	18	23	28	34	41	50	63	58														
	62	00	04	09	14	19	25	31	38	47	61	62															
66	00	04	09	15	20	27	34	44	58	66																	
70	00	05	10	16	22	30	40	55	70																		
74	00	06	11	18	26	36	51	74																			
78	00	06	12	21	31	48	78																				
82	00	07	15	26	43	82																					
86	00	08	19	37	86																						
90	00	11	30	90																							
94	00	19	94																								
98	00	98																									
		02	06	10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94	98	

This table is abridged from J.C. Flanagan's table of normalised biserial coefficients originally prepared for the Cooperative Test Service. It is included here with the generous permission of Dr. Flanagan and the Educational Testing Service of Princeton, New Jersey. This version is taken from Merle. W. Tate, *Statistics in Education* (New York: The Macmillan Co., 1955) P. 364. Reproduced by permission.

! Decimal points are omitted

!! If the proportion of correct responses in the lower 27 percent exceeds that in the upper, enter the table with the lower 27 percent proportion at the top and attach a negative sign to the coefficient.

(Source: Henry. E. Garrett. (1966), *Statistic in psychology and Education*, P. 366.)