

# Item Analysis Report

MED522 Repro Quiz 4

## Descriptive Statistics

Number of Candidates:	162	Variance:	5.83
Number of Items:	20	Standard Deviation:	2.41
		Standard Error of Measurement:	1.78
Min Score:	7/20 (35%)	Reliability Measurement:	0.458
Max Score:	19/20 (95%)	Pass Score:	10/20 (50%)
Mean Score:	14/20 (70%)	Pass Rate:	156/162 (96%)

## Discrimination/Difficulty Table

PBIS	> 70											
	60-69											
	50-59											
	40-49					3					3	
	30-39			1	1		1	2	3		8	
	20-29		1		1				1	1	4	
	10-19					1				2	3	
	0-9									2	2	
	< 0											
	TOTAL		1	1	2	4	1	2	4	5	20	
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	> 90	TOTAL
Difficulty Level												

## Pass Rate

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	0	2	4	19	41	96
%	0%	1%	2%	12%	25%	59%

PM = Passing Mark  
SEM = Standard Error of Measurement

## Frequency Distribution

Score	Freq	%-ile	cum-%
7	1	0.31	0.62
8	1	0.93	1.23
9	4	2.47	3.70
10	5	5.25	6.79
11	14	11.11	15.43
12	15	20.06	24.69
13	26	32.72	40.74
14	29	49.69	58.64
15	21	65.12	71.60
16	17	76.85	82.10
17	16	87.04	91.98
18	10	95.06	98.15
19	3	99.07	100.00

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_QUIZ_1053283	2	99%	0.20	2	162	0.01	1	161			
HOMER_QUIZ_1053284	1	70%	0.36	1	162	0.21	114	21	18	9	
HOMER_QUIZ_1053285	5	70%	0.33	5	162	0.21	24	7	13	4	114
HOMER_QUIZ_1053286	3	96%	0.29	3	162	0.04	1	1	156	3	1
HOMER_QUIZ_1053287	2	93%	0.12	2	162	0.07	3	150	8	1	
HOMER_QUIZ_1053288	1	61%	0.35	1	162	0.24	99	7	2	33	21
HOMER_QUIZ_1053289	5	53%	0.17	5	162	0.25	45	0	22	9	86
HOMER_QUIZ_1053290	3	55%	0.45	3	162	0.25	9	12	89	8	44
HOMER_QUIZ_1053291	4	26%	0.29	1	162	0.19	57	31	28	42	4
HOMER_QUIZ_1053292	5	59%	0.47	5	162	0.24	5	39	13	9	96
HOMER_QUIZ_1053293	2	45%	0.29	2	162	0.25	20	73	10	56	3
HOMER_QUIZ_1053294	3	89%	0.31	3	162	0.10	11	7	144		
HOMER_QUIZ_1053295	3	88%	0.31	3	162	0.10	9	8	143	2	
HOMER_QUIZ_1053301	4	86%	0.26	4	162	0.12	5	14	3	140	
HOMER_QUIZ_1053302	2	41%	0.40	1	162	0.24	91	67	3	1	
HOMER_QUIZ_1053303	4	58%	0.40	4	162	0.24	12	52	4	94	
HOMER_QUIZ_1053304	1	99%	0.05	1	162	0.01	160	1	0	1	
HOMER_QUIZ_1053305	3	99%	0.09	3	162	0.01	2	0	160		
HOMER_QUIZ_1053306	1	80%	0.32	1	162	0.16	130	1	2	28	1
HOMER_QUIZ_1053307	3	35%	0.40	4	162	0.23	7	21	57	77	