

# Item Analysis Report

MED522 Repro Final

## Descriptive Statistics

Number of Candidates:	166	Variance:	57.78
Number of Items:	120	Standard Deviation:	7.60
		Standard Error of Measurement:	4.16
Min Score:	59/120 (49%)	Reliability Measurement:	0.701
Max Score:	107/120 (89%)	Pass Score:	73/120 (61%)
Mean Score:	90/120 (75%)	Pass Rate:	163/166 (98%)

## Discrimination/Difficulty Table

PBIS	> 70											
	60-69											
	50-59											
	40-49											
	30-39				1		3	3	4	1	12	
	20-29				2	2	1	9	16	4	34	
	10-19	1	1		2	4		7	8	12	47	
	0-9		1	1	2	1		1	2	2	10	
	< 0	1				1		3		1	1	
	TOTAL	2	2	1	4	9	2	15	22	35	28	120
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	> 90	TOTAL
Difficulty Level												

## Fail/Pass (need title)

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	1	1	1	1	13	149
%	1%	1%	1%	1%	8%	90%

PM = Passing Mark  
SEM = Standard Error of Measurement

## Frequency Distribution

Score	Freq	%-ile	cum-%
59	1	0.30	0.60
60	0	0.60	0.60
61	0	0.60	0.60
62	0	0.60	0.60
63	0	0.60	0.60
64	0	0.60	0.60
65	0	0.60	0.60
66	1	0.90	1.20
67	0	1.20	1.20
68	0	1.20	1.20
69	0	1.20	1.20
70	1	1.51	1.81
71	0	1.81	1.81
72	0	1.81	1.81
73	0	1.81	1.81
74	0	1.81	1.81
75	0	1.81	1.81
76	1	2.11	2.41
77	3	3.31	4.22
78	6	6.02	7.83
79	2	8.43	9.04
80	2	9.64	10.24
81	3	11.14	12.05
82	7	14.16	16.27
83	3	17.17	18.07
84	4	19.28	20.48
85	5	21.99	23.49
86	7	25.60	27.71
87	10	30.72	33.73
88	11	37.05	40.36
89	7	42.47	44.58
90	7	46.69	48.80
91	9	51.51	54.22
92	6	56.02	57.83
93	14	62.05	66.27
94	10	69.28	72.29
95	8	74.70	77.11
96	5	78.61	80.12
97	6	81.93	83.73
98	7	85.84	87.95
99	4	89.16	90.36
100	4	91.57	92.77
101	3	93.67	94.58
102	3	95.48	96.39
103	1	96.69	96.99
104	1	97.29	97.59
105	3	98.49	99.40
106	0	99.40	99.40
107	1	99.70	100.00

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_QUIZ_104653	4	99%	0.32	4	166	0.01	0	0	0	165	1
HOMER_QUIZ_104648	3	75%	0.13	3	166	0.19	21	4	125	16	
HOMER_QUIZ_104648	3	79%	0.29	3	166	0.17	2	13	131	20	
HOMER_QUIZ_104648	3	78%	0.27	3	166	0.17	2	4	130	30	
HOMER_QUIZ_104648	5	98%	0.04	5	166	0.02	0	1	2	0	163
HOMER_QUIZ_104648	2	65%	0.14	2	166	0.23	2	108	9	40	7
HOMER_QUIZ_104648	2	100%	0.00	2	166	0.00	0	166			
HOMER_QUIZ_104648	3	75%	0.29	3	166	0.19	2	23	124	12	5
HOMER_QUIZ_104648	4	90%	0.23	4	166	0.09	0	17	0	149	
HOMER_QUIZ_104648	2	90%	0.19	2	166	0.09	0	149	17		
HOMER_QUIZ_104653	4	92%	0.10	4	166	0.07	1	12	0	153	
HOMER_QUIZ_104642	4	87%	0.14	4	166	0.11	8	10	3	145	
HOMER_QUIZ_104643	1	70%	0.22	1	166	0.21	116	3	16	31	
HOMER_QUIZ_104643	2	87%	0.36	2	166	0.11	13	144	8	1	
HOMER_QUIZ_104649	1	72%	0.06	1	166	0.20	119	25	7	15	
HOMER_QUIZ_104649	3	61%	0.15	3	166	0.24	13	46	102	5	
HOMER_QUIZ_104649	2	99%	0.05	2	166	0.01	1	164	1		
HOMER_QUIZ_104649	1	72%	0.14	1	166	0.20	119	34	5	8	
HOMER_QUIZ_104643	3	90%	0.20	3	166	0.09	0	12	149	1	4
HOMER_QUIZ_104649	5	84%	0.18	5	166	0.14	0	1	10	16	139
HOMER_QUIZ_104642	2	45%	0.08	2	166	0.25	32	74	57	3	
HOMER_QUIZ_104673	5	69%	0.31	5	166	0.21	11	39	1	0	115
HOMER_QUIZ_104651	4	96%	0.13	4	166	0.03	0	2	4	160	
HOMER_QUIZ_104649	5	85%	0.16	5	166	0.13	0	20	1	4	141
HOMER_QUIZ_104649	1	95%	0.03	1	166	0.05	158	3	4	1	
HOMER_QUIZ_104643	1	42%	0.16	1	166	0.24	69	56	31	10	
HOMER_QUIZ_104643	3	75%	0.35	3	166	0.19	1	18	125	21	1
HOMER_QUIZ_104649	1	75%	0.32	1	166	0.19	124	18	0	24	
HOMER_QUIZ_104646	2	88%	0.28	2	166	0.11	4	146	8	5	3
HOMER_QUIZ_104653	2	61%	0.18	2	166	0.24	0	101	2	63	
HOMER_QUIZ_104646	3	90%	0.09	3	166	0.09	9	1	150	6	
HOMER_QUIZ_104673	2	90%	0.19	2	166	0.09	0	150	0	0	16
HOMER_QUIZ_104649	2	49%	0.12	2	166	0.25	13	82	62	9	
HOMER_QUIZ_104643	2	90%	0.12	2	166	0.09	1	150	9	6	
HOMER_QUIZ_104643	4	86%	0.29	4	166	0.12	5	13	5	143	
HOMER_QUIZ_104646	4	89%	0.35	4	166	0.10	9	3	6	148	
HOMER_QUIZ_104650	4	86%	0.27	4	166	0.12	14	3	4	142	3
HOMER_QUIZ_104673	1	86%	0.25	1	166	0.12	142	3	6	13	2
HOMER_QUIZ_104643	1	90%	0.25	1	166	0.09	149	2	15		
HOMER_QUIZ_104650	3	81%	0.26	3	166	0.16	13	10	134	9	
HOMER_QUIZ_104643	2	80%	0.22	2	166	0.16	21	133	5	7	
HOMER_QUIZ_104643	4	58%	0.22	4	166	0.24	6	0	37	97	26
HOMER_QUIZ_104644	1	79%	0.35	1	166	0.17	131	15	9	11	
HOMER_QUIZ_104650	3	93%	0.25	3	166	0.07	5	1	154	6	
HOMER_QUIZ_104644	2	95%	0.16	2	166	0.05	1	158	1	6	
HOMER_QUIZ_104650	1	69%	0.12	1	166	0.22	114	3	1	3	45
HOMER_QUIZ_104644	3	75%	0.21	3	166	0.19	4	21	125	16	
HOMER_QUIZ_104650	4	92%	0.16	4	166	0.08	3	10	1	152	
HOMER_QUIZ_104650	1	47%	-0.04	4	166	0.25	78	2	3	83	
HOMER_QUIZ_104644	4	61%	0.18	4	166	0.24	1	54	9	102	
HOMER_QUIZ_104649	2	9%	0.14	4	166	0.08	0	15	3	148	
HOMER_QUIZ_104653	2	82%	-0.03	2	166	0.15	14	136	16		

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_QUIZ_104653	5	47%	0.22	5	166	0.25	29	19	30	10	78
HOMER_QUIZ_104644	3	91%	0.11	3	166	0.08	1	2	151	1	11
HOMER_QUIZ_104650	4	45%	0.16	4	166	0.25	0	34	39	75	18
HOMER_QUIZ_104644	4	87%	0.14	4	166	0.11	21	1	0	144	
HOMER_QUIZ_104644	2	40%	0.09	2	166	0.24	11	66	45	44	
HOMER_QUIZ_104644	1	77%	0.23	1	166	0.18	128	20	10	8	
HOMER_QUIZ_104650	4	89%	0.29	4	166	0.10	6	1	3	147	9
HOMER_QUIZ_104673	3	92%	0.23	3	166	0.07	0	2	153	11	
HOMER_QUIZ_104653	3	34%	0.20	3	166	0.23	32	6	57	40	31
HOMER_QUIZ_104645	1	86%	0.34	1	166	0.12	143	15	6	2	
HOMER_QUIZ_104650	2	80%	0.16	2	166	0.16	18	133	2	13	
HOMER_QUIZ_104690	2	83%	0.13	2	165	0.14	7	138	16	4	
HOMER_QUIZ_104653	5	72%	0.11	5	166	0.20	1	3	2	41	119
HOMER_QUIZ_104690	3	1%	-0.32	4	165	0.01	24	14	1	85	41
HOMER_QUIZ_104653	3	81%	0.16	3	166	0.16	3	10	134	19	
HOMER_QUIZ_104651	1	46%	0.15	1	166	0.25	77	26	39	24	
HOMER_QUIZ_104645	3	98%	0.03	3	166	0.02	0	4	162		
HOMER_QUIZ_104673	4	73%	0.26	4	166	0.19	12	8	13	122	11
HOMER_QUIZ_104651	2	79%	0.21	2	166	0.17	2	131	32	1	
HOMER_QUIZ_104645	1	86%	0.22	1	166	0.12	142	3	18	3	
HOMER_QUIZ_104654	3	84%	0.04	3	166	0.13	12	14	140		
HOMER_QUIZ_104644	2	21%	0.02	1	166	0.17	61	35	41	21	8
HOMER_QUIZ_104645	1	58%	0.28	1	166	0.24	97	44	21	4	
HOMER_QUIZ_104673	5	90%	0.04	5	166	0.09	15	1	0	0	150
HOMER_QUIZ_104645	2	99%	0.10	2	166	0.01	2	164			
HOMER_QUIZ_104651	1	83%	0.14	1	166	0.14	138	4	24		
HOMER_QUIZ_104674	2	14%	0.08	3	166	0.12	20	23	65	39	19
HOMER_QUIZ_104654	1	39%	0.09	5	166	0.24	64	6	0	31	65
HOMER_QUIZ_104651	3	94%	0.22	3	166	0.06	7	1	156	2	
HOMER_QUIZ_104645	4	77%	0.08	4	166	0.18	0	0	38	128	
HOMER_QUIZ_104651	1	67%	0.36	1	166	0.22	112	34	1	19	
HOMER_QUIZ_104645	2	46%	0.24	1	166	0.25	87	76	1	1	1
HOMER_QUIZ_104645	4	93%	0.03	4	166	0.07	8	4	0	154	
HOMER_QUIZ_104646	2	89%	0.21	2	166	0.10	11	148	7		
HOMER_QUIZ_104654	4	84%	0.04	4	166	0.14	2	5	19	139	1
HOMER_QUIZ_104651	4	63%	-0.08	4	166	0.23	4	9	49	104	
HOMER_QUIZ_104646	4	70%	0.14	4	166	0.21	29	2	18	117	
HOMER_QUIZ_104646	2	90%	0.18	2	166	0.09	16	149	1		
HOMER_QUIZ_104651	5	32%	0.19	3	166	0.22	14	4	76	19	53
HOMER_QUIZ_104644	3	74%	0.21	3	166	0.19	29	11	123	2	1
HOMER_QUIZ_104646	4	84%	0.23	4	166	0.13	25	1	0	140	
HOMER_QUIZ_104654	5	64%	0.14	5	166	0.23	5	47	2	6	106
HOMER_QUIZ_104652	4	87%	0.10	4	166	0.11	19	0	3	144	
HOMER_QUIZ_104652	4	87%	0.25	4	166	0.11	14	8	0	144	
HOMER_QUIZ_104654	3	93%	0.16	3	166	0.07	5	2	154	3	2
HOMER_QUIZ_104647	4	64%	-0.11	4	166	0.23	44	14	2	106	
HOMER_QUIZ_104647	3	61%	-0.03	3	166	0.24	5	22	102	37	
HOMER_QUIZ_104652	4	76%	0.18	4	166	0.18	1	34	4	126	1
HOMER_QUIZ_104647	3	87%	0.28	3	166	0.11	0	19	145	2	
HOMER_QUIZ_104652	4	46%	0.35	4	166	0.25	0	15	75	76	
HOMER_QUIZ_104647	2	84%	0.30	2	166	0.13	5	140	21		
HOMER_QUIZ_104654	4	90%	0.11	4	166	0.09	7	8	2	149	

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_QUIZ_104652	3	98%	-0.05	3	166	0.02	0	1	163	2	
HOMER_QUIZ_104652	2	91%	0.04	2	166	0.08	5	151	9	1	
HOMER_QUIZ_104647	1	70%	0.09	1	166	0.21	116	30	3	17	
HOMER_QUIZ_104647	4	97%	0.13	4	166	0.03	1	0	4	161	
HOMER_QUIZ_104646	2	92%	0.18	2	166	0.08	2	152	8	4	
HOMER_QUIZ_104652	3	68%	0.14	3	166	0.22	0	27	113	26	
HOMER_QUIZ_104654	1	93%	0.18	1	166	0.07	154	5	1	6	
HOMER_QUIZ_104647	2	91%	0.26	2	166	0.08	0	151	10	0	5
HOMER_QUIZ_104654	4	78%	0.14	4	166	0.17	3	20	14	129	
HOMER_QUIZ_104652	2	72%	0.20	2	166	0.20	31	119	3	13	
HOMER_QUIZ_104647	2	94%	0.14	2	166	0.06	2	156	8		
HOMER_QUIZ_104652	4	86%	0.33	4	166	0.12	0	1	22	143	
HOMER_QUIZ_104645	3	13%	0.12	1	166	0.11	85	10	21	50	
HOMER_QUIZ_104652	3	77%	0.29	3	166	0.18	8	15	128	9	6
HOMER_QUIZ_104653	1	70%	0.30	1	166	0.21	116	2	38	9	1
HOMER_QUIZ_104647	5	78%	0.18	5	166	0.17	0	8	9	20	129