

Item Analysis Report

MED555 Geriatrics Clerkship Exit Exam

Descriptive Statistics

| | | | |
|-----------------------|-------------|--------------------------------|-------------|
| Number of Candidates: | 19 | Variance: | 4.72 |
| Number of Items: | 25 | Standard Deviation: | 2.17 |
| | | Standard Error of Measurement: | 1.55 |
| Min Score: | 14/25 (56%) | Reliability Measurement: | 0.492 |
| Max Score: | 24/25 (96%) | Pass Score: | 15/25 (60%) |
| Mean Score: | 22/25 (87%) | Pass Rate: | 18/19 (95%) |

Discrimination/Difficulty Table

| | | | | | | | | | | | | |
|------------------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| PBIS | > 70 | | | | | | | | | 2 | 2 | |
| | 60-69 | | | | | | 1 | | | | 1 | |
| | 50-59 | | | | | | | | 3 | | 3 | |
| | 40-49 | | | | | | | 1 | | | 1 | |
| | 30-39 | | | | | 1 | | 1 | | | 2 | |
| | 20-29 | | | | | | 1 | 1 | 1 | | 3 | |
| | 10-19 | | | | | | 1 | 1 | | | 2 | |
| | 0-9 | | | | | | | | | 8 | 8 | |
| | < 0 | | | | | | | 1 | | 2 | 3 | |
| | TOTAL | | | | | 1 | 3 | 5 | 4 | 12 | 25 | |
| | | 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 | 0 | 1 | 0 | 0 | 18 |
| % | 0% | 0% | 5% | 0% | 0% | 95% |

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

| Score | Freq | %-ile | cum-% |
|-------|------|-------|--------|
| 14 | 1 | 2.63 | 5.26 |
| 15 | 0 | 5.26 | 5.26 |
| 16 | 0 | 5.26 | 5.26 |
| 17 | 0 | 5.26 | 5.26 |
| 18 | 0 | 5.26 | 5.26 |
| 19 | 1 | 7.89 | 10.53 |
| 20 | 0 | 10.53 | 10.53 |
| 21 | 4 | 21.05 | 31.58 |
| 22 | 5 | 44.74 | 57.89 |
| 23 | 6 | 73.68 | 89.47 |
| 24 | 2 | 94.74 | 100.00 |

Item Statistics

| Item ID | Key | Difficulty | PBIS | Mode Choice | Count | Variance | Option Count | | | |
|--------------------|-----|------------|-------|----------------|-------|----------|--------------|----|----|----|
| | | | | | | | 1 | 2 | 3 | 4 |
| HOMER_QUIZ_1043484 | 2 | 100% | 0.00 | 2 | 19 | 0.00 | 0 | 19 | | |
| HOMER_QUIZ_1043486 | 2 | 95% | -0.03 | 2 | 19 | 0.05 | 0 | 18 | 0 | 1 |
| HOMER_QUIZ_1043479 | 3 | 63% | 0.61 | 3 | 19 | 0.23 | 2 | 2 | 12 | 3 |
| HOMER_QUIZ_1043487 | 3 | 63% | 0.11 | 3 | 19 | 0.23 | 0 | 2 | 12 | 5 |
| HOMER_QUIZ_1043503 | 4 | 100% | 0.00 | 4 | 19 | 0.00 | 0 | 0 | 0 | 19 |
| HOMER_QUIZ_1043480 | 2 | 79% | 0.35 | 2 | 19 | 0.17 | 4 | 15 | | |
| HOMER_QUIZ_1043488 | 4 | 100% | 0.00 | 4 | 19 | 0.00 | 0 | 0 | 0 | 19 |
| HOMER_QUIZ_1043489 | 2 | 100% | 0.00 | 2 | 19 | 0.00 | 0 | 19 | | |
| HOMER_QUIZ_1043490 | 4 | 89% | 0.51 | 4 | 19 | 0.09 | 1 | 0 | 1 | 17 |
| HOMER_QUIZ_1043505 | 4 | 79% | 0.29 | 4 | 19 | 0.17 | 0 | 3 | 1 | 15 |
| HOMER_QUIZ_1043730 | 1 | 100% | 0.00 | 1 | 19 | 0.00 | 19 | | | |
| HOMER_QUIZ_1043491 | 3 | 89% | 0.27 | 3 | 19 | 0.09 | 0 | 0 | 17 | 2 |
| HOMER_QUIZ_1043492 | 1 | 79% | 0.18 | 1 | 19 | 0.17 | 15 | 0 | 3 | 1 |
| HOMER_QUIZ_1043493 | 2 | 58% | 0.39 | 2 | 19 | 0.24 | 0 | 11 | 8 | |
| HOMER_QUIZ_1043494 | 3 | 79% | 0.47 | 3 | 19 | 0.17 | 1 | 1 | 15 | 2 |
| HOMER_QUIZ_1043495 | 4 | 89% | 0.59 | 4 | 19 | 0.09 | 0 | 2 | 0 | 17 |
| HOMER_QUIZ_1043731 | 1 | 100% | 0.00 | 1 | 19 | 0.00 | 19 | | | |
| HOMER_QUIZ_1043497 | 2 | 100% | 0.00 | 2 | 19 | 0.00 | 0 | 19 | | |
| HOMER_QUIZ_1043498 | 2 | 74% | -0.02 | 2 | 19 | 0.19 | 2 | 14 | 2 | 1 |
| HOMER_QUIZ_1043499 | 4 | 68% | 0.28 | 4 | 19 | 0.22 | 0 | 6 | 0 | 13 |
| HOMER_QUIZ_1043500 | 3 | 95% | -0.03 | 3 | 19 | 0.05 | 0 | 0 | 18 | 1 |
| HOMER_QUIZ_1043504 | 2 | 95% | 0.84 | 2 | 19 | 0.05 | 0 | 18 | 1 | |
| HOMER_QUIZ_1043732 | 3 | 100% | 0.00 | 3 | 19 | 0.00 | 0 | 0 | 19 | |
| HOMER_QUIZ_1043485 | 1 | 95% | 0.84 | 1 | 19 | 0.05 | 18 | 0 | 1 | |
| HOMER_QUIZ_1043502 | 3 | 84% | 0.55 | 3 | 19 | 0.13 | 1 | 0 | 16 | 2 |