

Wisconsin Card Sorting Test™ : Computer Version 4

by

Robert K. Heaton, PhD, and PAR Staff

Client Information

| | |
|--|---------------------------------------|
| Last Name: Examinee | Test Date: 09/18/2009 |
| First Name: John | Test Description: (no description) |
| Client ID: 25641 | |
| BirthDate: 07/26/1956 | Rapport: Good |
| Age: 53 years, 1 months | Cooperation: Adequate |
| Gender: Male | Effort: Adequate |
| Ethnicity: Caucasian (not of Hispanic Origin) | On Medication: No |
| Education: 8 years | Description of Medication: |
| Handedness: Right | |
| Occupation: U | |

Caveats

Use of this report requires a thorough understanding of the Wisconsin Card Sorting Test (WCST; Berg, 1948; Grant & Berg, 1948), its interpretation, and clinical applications as presented in the WCST Manual (Heaton, Chelune, Talley, Kay, & Curtiss, 1993). This report is intended for use by qualified professionals.

This report reflects an administration using the standard 128-card paper-and-pencil version of the WCST. The normative scores used in this program were developed by Heaton et al. (1993) using the standard WCST version. Users should refer to the WCST Manual (Heaton et al.) for the clinical interpretation of this score report. Clinical interpretation of the WCST requires professional training and expertise in clinical psychology and/or neuropsychology. The utility and validity of the WCST as a clinical measure of cognitive ability are directly related to the professional's background and knowledge and, in particular, familiarity with the information contained in the WCST Manual.

WCST results should be interpreted within the context of a larger clinical assessment battery and relevant clinical and historical information about this client. Additionally, use of WCST scores for clinical or diagnostic decisions should not be attempted without a good understanding of brain-behavior relationships and the medical and psychological factors that affect them.

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Version: 1.04 (4.51.029)

Test Results

| WCST scores | Raw scores | Age & Education Demographically Corrected | | | U.S. Census Age-matched | | |
|---|------------|---|----------|----------|-------------------------|----------|----------|
| | | Standard scores | T scores | %iles | Standard scores | T scores | %iles |
| Trials Administered | 113 | | | | | | |
| Total Correct | 92 | | | | | | |
| | | | | | | | |
| Total Errors | 21 | 114 | 59 | 82% | 97 | 48 | 42% |
| % Errors | 19% | 118 | 62 | 88% | 100 | 50 | 50% |
| | | | | | | | |
| Perseverative Responses | 5 | > 145 | > 80 | > 99% | 110 | 57 | 75% |
| % Perseverative Responses | 4% | > 145 | > 80 | > 99% | 125 | 67 | 95% |
| | | | | | | | |
| Perseverative Errors | 5 | > 145 | > 80 | > 99% | 110 | 57 | 75% |
| % Perseverative Errors | 4% | > 145 | > 80 | > 99% | 126 | 67 | 96% |
| | | | | | | | |
| Nonperseverative Errors | 16 | 96 | 47 | 39% | 90 | 43 | 25% |
| % Nonperseverative Errors | 14% | 97 | 48 | 42% | 90 | 43 | 25% |
| | | | | | | | |
| Conceptual Level Responses | 87 | | | | | | |
| % Conceptual Level Responses | 77% | 117 | 61 | 87% | 100 | 50 | 50% |
| | | | | | | | |
| Categories Completed | 6 | | | > 16% | | | > 16% |
| Trials to Complete 1 st Category | 15 | | | 11 - 16% | | | 11 - 16% |
| Failure to Maintain Set | 3 | | | 6 - 10% | | | 6 - 10% |
| Learning to Learn | -2.67 | | | 11 - 16% | | | > 16% |

Response Deck 1

| Sorting Principle | Correct Seq. Number | Card Number | Column Sorted To | Cate- gories Matched | Persever- ative Principle | Persever- ative Response | Sorting Principle | Correct Seq. Number | Card Number | Column Sorted To | Cate- gories Matched | Persever- ative Principle | Persever- ative Response |
|-------------------|---------------------|-------------|------------------|----------------------|---------------------------|--------------------------|-------------------|---------------------|-------------|------------------|----------------------|---------------------------|--------------------------|
| C | 1 | 1. | 2 | C | | | F | 5 | 33. | 4 | CF | C | |
| | 2 | 2. | 1 | C | | | | 6 | 34. | 3 | CF | C | |
| | 3 | 3. | 4 | C | | | | 7 | 35. | 2 | CF | C | |
| | - | 4. | 3 | O | | | | - | 36. | 4 | N | C | |
| | - | 5. | 3 | O | | | | 1 | 37. | 4 | CF | C | |
| | 1 | 6. | 3 | CF | | | | 2 | 38. | 2 | F | C | |
| | 2 | 7. | 4 | CN | | | | 3 | 39. | 4 | F | C | |
| | 3 | 8. | 1 | C | | | | 4 | 40. | 3 | F | C | |
| | 4 | 9. | 2 | C | | | | 5 | 41. | 1 | CFN | C | |
| | 5 | 10. | 3 | C | | | | 6 | 42. | 2 | F | C | |
| | 6 | 11. | 4 | C | | | | 7 | 43. | 4 | FN | C | |
| | 7 | 12. | 1 | CF | | | | 8 | 44. | 1 | F | C | |
| | 8 | 13. | 4 | C | | | | 9 | 45. | 2 | F | C | |
| | 9 | 14. | 3 | C | | | | 10 | 46. | 3 | CF | C | |
| | 10 | 15. | 2 | C | | | N | - | 47. | 4 | CF | F | |
| F | 1 | 16. | 4 | CFN | C | | | 1 | 48. | 3 | CN | F | |
| | - | 17. | 1 | C | C | <i>p</i> | | 2 | 49. | 2 | CN | F | |
| | - | 18. | 2 | O | C | | | - | 50. | 3 | C | F | |
| | 1 | 19. | 1 | CF | C | | | - | 51. | 4 | C | F | |
| | 2 | 20. | 4 | F | C | | | - | 52. | 2 | CF | F | |
| | 3 | 21. | 2 | FN | C | | | - | 53. | 4 | F | F | <i>p</i> |
| | 4 | 22. | 3 | FN | C | | | - | 54. | 1 | F | F | <i>p</i> |
| | 5 | 23. | 2 | FN | C | | | 1 | 55. | 1 | N | F | |
| | - | 24. | 3 | N | C | | | 2 | 56. | 3 | N | F | |
| | 1 | 25. | 2 | F | C | | | 3 | 57. | 2 | N | F | |
| | 2 | 26. | 1 | F | C | | | 4 | 58. | 1 | FN | F | |
| | 3 | 27. | 3 | FN | C | | | 5 | 59. | 3 | FN | F | |
| | - | 28. | 2 | O | C | | | 6 | 60. | 2 | CN | F | |
| | 1 | 29. | 2 | CFN | C | | | 7 | 61. | 4 | CN | F | |
| | 2 | 30. | 3 | F | C | | | 8 | 62. | 3 | CFN | F | |
| | 3 | 31. | 4 | FN | C | | | 9 | 63. | 2 | N | F | |
| | 4 | 32. | 2 | F | C | | | 10 | 64. | 1 | N | F | |

Response Deck 2

| Sorting Principle | Correct Seq. Number | Card Number | Column Sorted To | Cate- gories Matched | Persever- ative Principle | Persever- ative Response | Sorting Principle | Correct Seq. Number | Card Number | Column Sorted To | Cate- gories Matched | Persever- ative Principle | Persever- ative Response |
|-------------------|---------------------|-------------|------------------|----------------------|---------------------------|--------------------------|-------------------|---------------------|-------------|------------------|----------------------|---------------------------|--------------------------|
| C | - | 1. | 1 | FN | N | | F | 9 | 33. | 4 | CF | C | |
| | 1 | 2. | 1 | C | N | | | 10 | 34. | 3 | CF | C | |
| | 2 | 3. | 4 | C | N | | N | - | 35. | 2 | CF | F | |
| | - | 4. | 3 | O | N | | | - | 36. | 3 | C | F | |
| | 1 | 5. | 2 | CF | N | | | - | 37. | 4 | CF | F | |
| | 2 | 6. | 3 | CF | N | | | 1 | 38. | 3 | CN | F | |
| | 3 | 7. | 4 | CN | N | | | - | 39. | 3 | O | F | |
| | 4 | 8. | 1 | C | N | | | 1 | 40. | 4 | CN | F | |
| | 5 | 9. | 2 | C | N | | | 2 | 41. | 1 | CFN | F | |
| | 6 | 10. | 3 | C | N | | | 3 | 42. | 3 | N | F | |
| | 7 | 11. | 4 | C | N | | | 4 | 43. | 4 | FN | F | |
| | 8 | 12. | 1 | CF | N | | | 5 | 44. | 2 | CN | F | |
| | 9 | 13. | 4 | C | N | | | 6 | 45. | 3 | N | F | |
| | 10 | 14. | 3 | C | N | | | 7 | 46. | 2 | N | F | |
| F | - | 15. | 2 | C | C | <i>p</i> | | 8 | 47. | 1 | N | F | |
| | 1 | 16. | 4 | CFN | C | | | 9 | 48. | 3 | CN | F | |
| | 2 | 17. | 2 | FN | C | | | 10 | 49. | 2 | CN | F | |
| | 3 | 18. | 4 | F | C | | | | 50. | | | | |
| | 4 | 19. | 1 | CF | C | | | | 51. | | | | |
| | 5 | 20. | 4 | F | C | | | | 52. | | | | |
| | 6 | 21. | 2 | FN | C | | | | 53. | | | | |
| | 7 | 22. | 3 | FN | C | | | | 54. | | | | |
| | 8 | 23. | 2 | FN | C | | | | 55. | | | | |
| | - | 24. | 4 | C | C | <i>p</i> | | | 56. | | | | |
| | 1 | 25. | 2 | F | C | | | | 57. | | | | |
| | 2 | 26. | 1 | F | C | | | | 58. | | | | |
| | 3 | 27. | 3 | FN | C | | | | 59. | | | | |
| | 4 | 28. | 4 | FN | C | | | | 60. | | | | |
| | 5 | 29. | 2 | CFN | C | | | | 61. | | | | |
| | 6 | 30. | 3 | F | C | | | | 62. | | | | |
| | 7 | 31. | 4 | FN | C | | | | 63. | | | | |
| | 8 | 32. | 2 | F | C | | | | 64. | | | | |

End of Report