**Supplementary Table e-2**: Studies comparing SCI participants to able-bodied controls

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| **Author/ year** | **Participants** | **Time since injury** | **Type of test (s)** | **Outcome(s)** |
| Roth *et al.,* 198925 | 81 SCI (64 M, 17 F); 61 able-bodied (45 M, 16 F) | 23-177 days (mean 71.5) | HCT, WAIS-R (VOCAB), WMS (MC, LM & PA), RAVLT | 10- 40% Participants scored as impaired. Mean scores were significantly lower in SCI group. |
| Davidoff *et al.,* 199026 | 41 SCI (35 M, 6 F); 22 able-bodied (12 M, 10 F) | 75 days | FIM, HCT, WAIS-R (VOCAB), WMS (LM & PA), RAVLT | No impairment was detected on FIM (cognition) scale. 3- 63% participants scored as impaired on other tests. |
| Radanov *et al.*, 199321 | 7 SCI (3 M, 4 F); 9 able-bodied (1 M, 8 F) | 18 months | NCT, PASAT | Cognitive function was impaired in all participants with SCI. |
| Dowler e*t al.,* 199527 | 75 SCI (67 M, 8 F), 64 able-bodied (60 M, 4 F) | 17 years | SDMT, Stroop test, WMS, CVLT, WRMT, WAIS-R (Digit span), PASAT, COWAT, WCST, HVOT, Line orientation, Facial recognition, MMPI | Processing speed was impaired in 41% of the individuals with SCI. |
| Dowler *et al.*, 199736 | 91 SCI (83 M, 8 F), 75 able-bodied (67 M, 8 F) | 17 years | SDMT, Stroop Test, WMS, CVLT, WAIS-R, PASAT Verbal Fluency (CFL), WCST, HVOT, Line orientation, Face recognition. | 60% of SCI participants showed deficit in at least one of the cognitive domains. |
| Gordon *et al.,* 200098 | 104 SCI (77 M, 27 F), 287 able- bodied (161 M, 126 F) | >1 year | TIRR symptom checklist- self reported | Of the 35 cognitive symptoms, SCI group reported 4.2 symptoms compared to 2.0 in controls. |
| North *et al.,* 200199 | 20 SCI and 20 able- bodied (16 M, 4 F in each group) | 224 days | NART IQ, Digits forward/ backward, Verbal fluency and memory, MMSE, Stroop test, Iowa Gambling Task | No significant differences. |
| Zec *et al.,* 2001100 | 15 SCI (11 M, 4 F), 27 able- bodied (14 M, 13 F) | 9 years | WAIS-R, WRAT-R, Halstead Reitan Battery, RAVLT, SRT, WMS-R | SCI group was impaired on Performance IQ on WAIS-R test. No significant difference on other tests. |
| Benony *et al.,* 2002101 | 33 SCI and 33 able- bodied (26 M, 7 F in each group) | >4 years | Progressive Matrix 38 | No significant difference. |
| Borgaro *et al.*, 200330 | 18 SCI (12 M, 6 F), 25 able-bodied (15 M, 10 F) | 90 days | BNIS | Orientation to time was impaired in 35.3% of the SCI participants and 11.1% of controls. Orientation to place was impaired in 5.9% of the SCI and 0% of the controls. |
| Wingfield *et al.,* 200322 | 3 SCI and 6 able- bodied (all M) | 11, 15 and 21 years | WAIS-R (Digit Span), PASAT, Stroop Color, Word Generation Speed, Symbol-Digit Matching, Timed Letter-Matching, Scanning in short-term memory | No significant differences. |
| Deady *et al.*, 2010102 | 24 SCI (17 M, 7 F), 20 orthopedic injury controls (12 M, 8 F), 20 no injury controls (9 M, 11 F) | 24.6 months | RAVLT | No Significant difference. |
| Clarke *et al.,* 201297 | 19 SCI (14 M, 5 F), 20 able- bodied (12 M, 8 F) | 3-12 months | PACCQ, WAIS-III, RAVLT, ROCF, Trail Making Test, SDMT, COWAT | No significant differences. |
| Craig *et al*., 201256 | 41 SCI and 41 able-bodied (39 M, 2 F in each group) | 16.5 years | Iowa Fatigue Scale | Significantly higher cognition-associated tiredness in SCI group. |
| Wecht *et al.,* 201267 | 13 SCI and 16 able-bodied (gender ratio not specified) | 2- 28 years | Stroop test | Participants with paraplegia were significantly impaired but not the ones with tetraplegia. |
| Lazzaro *et al.*, 201387 | 37 SCI and 37 able- bodied (35 M and 2 F in each group) | 14.7 years | Auditory button-press oddball discrimination paradigm | Significantly increased response time variability as well as false positive errors in SCI group. |
| Phillips *et al.*, 201469 | 10 SCI and 10 able-bodied (7 M, 3 F in each group) | < 1 year (n=8), >1 year (n=2) | Visual task (magazine reading) and verbal fluency task | Significant impairment on verbal fluency task. |
| Handrakis *et al.,* 2015103 | 7 SCI and 7 able- bodied (all M) | 16.8 years | MoCA, Stroop Color and Word Test | No Significant differences. |
| Wecht *et al*., 201668 | 15 SCI (13 M, 2 F) and 9 able-bodied (6 M, 3 F) | 1- 42 years | Serial subtraction task | Significantly impaired test performance. |
| Craig *et al*., 201714 | 150 SCI (114 M, 36 F), 45 able-bodied (38 M, 7 F) | 3.4 years | NUCOG | NUCOG total score was significantly lower in the SCI group. |
| Varas-Diaz *et al*., 201770 | 10 SCI (6 M, 4 F), 18 able-bodied (gender ratio not specified) | > 1 year | RMET | Significantly lower levels of response certainty in SCI group were interpreted as impaired social cognition. |

**Abbreviations:** BNIS- Barrow Neurological Institute Screen, COWAT- Controlled Oral Word Association Test, CVLT- California Verbal Learning Test, F- Female(s), FIM- Functional Independence Measure, HCT- Halstead Category Test, HVOT- Hooper Visual Organization Test, LM- Logical Memory, M- Male(s), MC- Mental Control, MMPI- Minnesota Multiphasic Personality Inventory, MMSE- Mini–Mental State Examination, MoCA- Montreal Cognitive Assessment, NART- National Adult Reading Test, NCT- Number Connection Test, NUCOG- Neuropsychiatry Unit Cognitive Assessment Tool, PA- Paired Associates, PACCQ- Post-Hospital Admission Cognitive Complaint Questionnaire, PASAT- Paced Auditory Serial Addition Test, RAVLT- Rey Auditory Verbal Learning Test, RMET- Reading the mind in the eyes test, ROCF- Rey Osterrieth Complex Figure Test, SCI- Spinal Cord Injury, SD- Standard Deviation, SDMT- Symbol Digit Modalities Test, SRT- Selective Reminding Test, TIRR- The Institute for Rehabilitation and Research, VOCAB- Vocabulary, WAIS-R- Wechsler Adult Intelligence Scale- Revised, WCST- Wisconsin Card Sort Test, WMS-R- Wechsler Memory Scale- Revised, WRAT-R- Wide Range Achievement Test- Revised, WRMT- Warrington Recognition Memory Test.