Data Dictionary

**Audit Report Dataset**

*Longitudinal Diabetes Study*

Patient-Level Analysis • Multiple Visits per Patient

# Dataset Overview

|  |  |
| --- | --- |
| **Total Variables** | 575 |
| **Total Observations (Rows)** | 38 |
| **Unique Patients** | 20 |
| **Maximum Visits per Patient** | 3 |
| **Average Visits per Patient** | 1.9 |
| **Study Design** | Longitudinal (repeated measures) |
| **Analysis Level** | Patient-level (not row-level) |
| **Date Generated** | October 18, 2025 |

## Cognitive & Functional Tests Administered

**The following validated assessment tools were used in this study:**

* **Verbal Fluency Test:** Phonemic and semantic fluency measures
* **DSST - Digital & Paper:** Digit Symbol Substitution Test (processing speed)
* **MoCA:** Montreal Cognitive Assessment (global cognition)
* **SAGE:** Standardized Assessment of Global Activities in the Elderly (ADL/IADL)
* **PHQ-9:** Patient Health Questionnaire (depression screening)
* **WHO-5:** World Health Organization Well-Being Index
* **Physical Function Tests:** TUG, SPPB, SARC-F, Grip Strength, Gait Speed, Balance

## Critical Methodological Notes

**Patient-Level Missingness Analysis**All missingness calculations in this dictionary are performed at the PATIENT LEVEL. This is the only valid approach for longitudinal data with repeated measures.  
  
**Key principle:** A patient is counted as "missing" for a variable if ALL of their observations for that variable are missing across ALL visits.  
  
**Examples:**

* • Patient with 3 visits: Variable present in any visit → Patient HAS data (not missing)
* • Patient with 2 visits: Variable missing in both → Patient is MISSING data
* • Patient with 1 visit: Variable missing → Patient is MISSING data

**Test Scoring Structure**Most cognitive tests include: (1) Individual item scores, (2) Total/raw scores, (3) Standardized scores when available. All components are documented in this dictionary.

## Missingness Color Coding

|  |  |
| --- | --- |
| **High Missingness** | > 50% of patients missing |
| **Moderate Missingness** | 25-50% of patients missing |
| **Low Missingness** | < 25% of patients missing |

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* D4. Frailty - Walking Speed (1)
* D5. Frailty - Grip Strength Criterion (1)
* D6. Frailty - Total Score (4)
* E. Falls History (9)
* F. SARC-F Sarcopenia Screening (2)
* G1. Grip Strength Test (Dynamometer) (19)
* G2. Chair Stand Test (2)
* G3. Walking Distance Test (1)
* G4. Gait Speed Test (7)
* G5. Timed Up and Go (TUG) Test (2)
* G6. Four Square Step Test (FSST) (2)
* G7. Balance Test (1)
* G8. Short Physical Performance Battery (SPPB) (1)
* G9. Test Conditions/Limitations (1)

# 1. Personal & Demographic

**Total variables: 30**Average patient-level missingness: 20.8%  
Variables with complete data: 18

## A. Patient Identification

Variables: 3 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| Client ID | Text/Categor... | 20/20 | 0% | 20 | ['004-00232', '004-00232', '004-00232'] |
| Client Name | Text/Categor... | 20/20 | 0% | 20 | ['004-001', '004-001', '004-001'] |
| Org ID | Categorical ... | 20/20 | 0% | 1 | [4, 4, 4] |

## B. Basic Demographics

Variables: 8 | Avg Missingness: 62.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 2. Date of birth - 392 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 2. Date of birth - 392.1 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 2. Date of birth - 392.2 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 2. Date of birth - 392.3 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 2. Date of birth - 392.4 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 6. Medication (ATC Codes) - L00 Antineoplastic and Immunomodulating Agents - 252 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| Age | Numeric (con... | 20/20 | 0% | 12 | [70, 70, 70] |
| Gender | Text/Categor... | 20/20 | 0% | 2 | ['Female', 'Female', 'Female'] |

## C. Living Situation & Contact

Variables: 10 | Avg Missingness: 6.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 10. Phone number - undefined | Text/Categor... | 20/20 | 0% | 20 | ['+972-0523284191', '+972-0522870121', '+972-0507975682'] |
| 11. Marital status - 226 | Numeric (con... | 20/20 | 0% | 3 | [1.0, 1.0, 1.0] |
| 12. Lives with - 227 | Numeric (con... | 20/20 | 0% | 3 | [1.0, 1.0, 1.0] |
| 13. Living facilities - Apartment - 228 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 1.0, 0.0] |
| 13. Living facilities - Elevator - 228 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 0.0, 0.0] |
| 13. Living facilities - Private house - 228 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 1.0] |
| 13. Living facilities - Stairs - 228 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 0.0, 0.0] |
| 8. Address - 224 | Text/Categor... | 19/20 | 5% | 18 | ['אביבים 6/2 כפר סבא', 'מישאל 3 ירושלים', 'רחבת אילן 6 גבעת שמואל'] |
| 9. Phone type - 0. Phone type - 225 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 0.0, 1.0] |
| 9. Phone type - 1. Phone model - 225 | Text/Categor... | 10/20 | 50% | 10 | ['S22', 'A72', 'Galaxy A54 '] |

## D. Education

Variables: 2 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 15. Number of education years - 230 | Numeric (con... | 18/20 | 10% | 8 | [16.0, 17.0, 18.0] |
| 16. Educational Degree - 231 | Numeric (con... | 20/20 | 0% | 4 | [1.0, 1.0, 2.0] |

## E. Employment History

Variables: 5 | Avg Missingness: 11.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 17. Profession - 232 | Numeric (con... | 19/20 | 5% | 6 | [0.0, 0.0, 7.0] |
| 18. Do you work? - 233 | Numeric (con... | 20/20 | 0% | 3 | [1.0, 0.0, 0.0] |
| 19. Did you work in the past? - 234 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 1.0, 1.0] |
| 20. What year did you stop working? - 235 | Numeric (con... | 13/20 | 35% | 8 | [2022.0, 2015.0, 2020.0] |
| 21. Why did you stop working? - 236 | Numeric (con... | 17/20 | 15% | 3 | [0.0, 1.0, 1.0] |

## F. Other Demographics

Variables: 2 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 14. Do you drive - 229 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 1.0, 1.0] |
| 22. Dominant hand - 237 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |

# 2. Study Information

**Total variables: 58**Average patient-level missingness: 59.1%  
Variables with complete data: 16

## A. Visit Tracking

Variables: 5 | Avg Missingness: 2.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| Submission Tag | Text/Categor... | 18/20 | 10% | 1 | ['[]', '[]', '[]'] |
| Visit Date | Text/Categor... | 20/20 | 0% | 13 | ['2025-05-11', '2025-07-09', '2025-09-03'] |
| Visit No | Categorical ... | 20/20 | 0% | 4 | [1, 2, 5] |
| Visit Tag | Text/Categor... | 20/20 | 0% | 3 | ['["Visit 1"]', '["Visit 2"]', '["Visit 3"]'] |
| Visit Type | Text/Categor... | 20/20 | 0% | 1 | ['scheduled', 'scheduled', 'scheduled'] |

## B. Section Markers

Variables: 5 | Avg Missingness: 100.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| Adverse events FINAL | Binary (0/1) | 0/20 | 100% | 0 | [] |
| Body composition FINAL | Binary (0/1) | 0/20 | 100% | 0 | [] |
| Personal Information FINAL | Binary (0/1) | 0/20 | 100% | 0 | [] |
| Physical Health Agility FINAL | Binary (0/1) | 0/20 | 100% | 0 | [] |
| Physician evaluation FINAL | Binary (0/1) | 0/20 | 100% | 0 | [] |

## C. Study Administration

Variables: 13 | Avg Missingness: 0.8%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 1. Participants study number - 8 | Text/Categor... | 20/20 | 0% | 20 | ['004-00232', '004-00233', '004-00234'] |
| 1. Participants study number - 8.1 | Text/Categor... | 20/20 | 0% | 20 | ['004-00232', '004-00233', '004-00234'] |
| 1. Participants study number - 8.2 | Text/Categor... | 20/20 | 0% | 20 | ['004-00232', '004-00233', '004-00234'] |
| 1. Participants study number - 8.3 | Text/Categor... | 20/20 | 0% | 20 | ['004-00232', '004-00233', '004-00234'] |
| 1. Participants study number - 8.4 | Text/Categor... | 20/20 | 0% | 20 | ['004-00232', '004-00233', '004-00234'] |
| 1. Participants study number - 8.5 | Text/Categor... | 20/20 | 0% | 20 | ['004-00232', '004-00233', '004-00234'] |
| 23. Study group - 378 | Numeric (con... | 18/20 | 10% | 2 | [2.0, 2.0, 2.0] |
| 3. Which study is the participant part of? - 780 in elderly - 219 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 3. Which study is the participant part of? - BIRAX - 219 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 3. Which study is the participant part of? - Regeneron - 219 | Binary (0/1) | 20/20 | 0% | 1 | [1.0, 1.0, 1.0] |
| 4. Location of visit - 220 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 5. Visit number - 221 | Binary (0/1) | 20/20 | 0% | 1 | [1.0, 1.0, 1.0] |
| 6. Consent form signed - 222 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 1.0, 1.0] |

## D. Study Drug Adherence

Variables: 13 | Avg Missingness: 54.6%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 1. Drug Injection - 0. - 504 | Binary (0/1) | 11/20 | 45% | 1 | [1.0, 1.0, 1.0] |
| 1. Drug Injection - 1. Dose - 504 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 1. Drug Injection - 1. Dose - Unit - 504 | Text/Categor... | 11/20 | 45% | 1 | ['mg', 'mg', 'mg'] |
| 1. Drug Injection - 2. - 504 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 1. Drug Injection - 3. Date - 504 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 2. Week 1 - 0. Dose - 540 | Numeric (con... | 12/20 | 40% | 4 | [0.5, 1.0, 0.5] |
| 2. Week 1 - 0. Dose - Unit - 540 | Text/Categor... | 12/20 | 40% | 1 | ['mg', 'mg', 'mg'] |
| 3. Week 2 - 0. Dose - 541 | Numeric (con... | 12/20 | 40% | 4 | [0.5, 0.5, 0.5] |
| 3. Week 2 - 0. Dose - Unit - 541 | Text/Categor... | 12/20 | 40% | 1 | ['mg', 'mg', 'mg'] |
| 4. Week 3 - 0. Dose - 542 | Numeric (con... | 12/20 | 40% | 4 | [0.5, 1.0, 0.5] |
| 4. Week 3 - 0. Dose - Unit - 542 | Text/Categor... | 12/20 | 40% | 1 | ['mg', 'mg', 'mg'] |
| 5. Week 4 - 0. Dose - 543 | Numeric (con... | 12/20 | 40% | 3 | [0.5, 1.0, 0.5] |
| 5. Week 4 - 0. Dose - Unit - 543 | Text/Categor... | 12/20 | 40% | 1 | ['mg', 'mg', 'mg'] |

## E. Exercise Intervention Adherence

Variables: 22 | Avg Missingness: 100.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 10. Exercise Session 3 - 0. - 508 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 10. Exercise Session 3 - 1. Date - 508 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 10. Exercise Session 3 - 2. Duration - 508 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 10. Exercise Session 3 - 3. Type - 508 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 10. Exercise Session 3 - 4. Intensity - 508 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 11. Exercise Session 4 - 0. - 509 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 11. Exercise Session 4 - 1. Date - 509 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 11. Exercise Session 4 - 2. Duration - 509 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 11. Exercise Session 4 - 3. Type - 509 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 11. Exercise Session 4 - 4. Intensity - 509 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 6. Number of weekly recommended study exercise sessions - 539 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 7. How many study exercise sessions did you participate in during the past week? -... | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 8. Exercise Session 1 - 0. - 506 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 8. Exercise Session 1 - 1. Date - 506 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 8. Exercise Session 1 - 2. Duration - 506 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 8. Exercise Session 1 - 3. Type - 506 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 8. Exercise Session 1 - 4. Intensity - 506 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 9. Exercise Session 2 - 0. - 507 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 9. Exercise Session 2 - 1. Date - 507 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 9. Exercise Session 2 - 2. Duration - 507 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 9. Exercise Session 2 - 3. Type - 507 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 9. Exercise Session 2 - 4. Intensity - 507 | Binary (0/1) | 0/20 | 100% | 0 | [] |

# 3. Cognitive Information

**Total variables: 85**Average patient-level missingness: 22.7%  
Variables with complete data: 2

## A1. Verbal Fluency Test - Total Scores

Variables: 2 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 60. VF phonemic - Total Score - 196 | Numeric (con... | 19/20 | 5% | 14 | [39.0, 31.0, 26.0] |
| 62. VF semantic - Total Score - 198 | Numeric (con... | 19/20 | 5% | 14 | [50.0, 29.0, 42.0] |

## C1. Paper DSST - Raw Score

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| Raw DSS Score | Text/Categor... | 20/20 | 0% | 18 | ['36/41', '23/26', '32/32'] |

## C2. Paper DSST - Total Score

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| DSST Score | Numeric (con... | 20/20 | 0% | 9 | [11.0, 10.0, 11.0] |

## D10. MoCA - Language

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 54. Language - 190 | Numeric (con... | 19/20 | 5% | 2 | [2.0, 2.0, 2.0] |

## D11. MoCA - Abstraction

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 56. Abstraction - 192 | Numeric (con... | 19/20 | 5% | 3 | [2.0, 2.0, 2.0] |

## D12. MoCA - Delayed Recall

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 57. Delayed recall - 193 | Numeric (con... | 19/20 | 5% | 6 | [4.0, 1.0, 0.0] |

## D13. MoCA - Orientation

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 58. Orientation - 194 | Numeric (con... | 19/20 | 5% | 1 | [6.0, 6.0, 6.0] |

## D14. MoCA - Total Score

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 59. Moca - Total Score - 195 | Numeric (con... | 19/20 | 5% | 10 | [29.0, 21.0, 21.0] |

## D2. MoCA - Cube Drawing

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 46. Cube - 182 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 0.0, 0.0] |

## D3. MoCA - Clock Drawing

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 47. Clock - 183 | Numeric (con... | 19/20 | 5% | 3 | [3.0, 3.0, 3.0] |

## D4. MoCA - Naming

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 48. Naming - 184 | Numeric (con... | 19/20 | 5% | 2 | [3.0, 3.0, 3.0] |

## D5. MoCA - Memory (First Trial)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 49. Memory first trial - 185 | Numeric (con... | 19/20 | 5% | 3 | [5.0, 2.0, 5.0] |

## D6. MoCA - Memory (Second Trial)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 50. Memory second trial - 186 | Numeric (con... | 19/20 | 5% | 2 | [5.0, 5.0, 5.0] |

## D7. MoCA - Attention (Digits)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 51. List of digits - 187 | Numeric (con... | 19/20 | 5% | 3 | [2.0, 1.0, 2.0] |

## D8. MoCA - Attention (Letters)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 52. Letters - 188 | Binary (0/1) | 19/20 | 5% | 1 | [1.0, 1.0, 1.0] |

## D9. MoCA - Attention (Subtraction)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 53. Subtraction - 189 | Numeric (con... | 19/20 | 5% | 3 | [3.0, 1.0, 1.0] |

## E1. SAGE - Attention/Concentration

Variables: 2 | Avg Missingness: 42.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 22. Keeping your attention or 'train of thought' during a conversation? - 0. - 138 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 1.0] |
| 22. Keeping your attention or 'train of thought' during a conversation? - 1. how m... | Numeric (con... | 4/20 | 80% | 2 | [1.0, 2.0, 2.0] |

## E10. SAGE - Transportation

Variables: 4 | Avg Missingness: 50.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 31. Driving? - 0. - 156 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 1.0] |
| 31. Driving? - 1. How much difficulty? - 156 | Binary (0/1) | 16/20 | 20% | 1 | [0.0, 0.0, 0.0] |
| 31. Driving? - 2. Using public transportation - 156 | Binary (0/1) | 3/20 | 85% | 2 | [1.0, 0.0, 1.0] |
| 31. Driving? - 3. How much difficulty? - 156 | Binary (0/1) | 2/20 | 90% | 1 | [0.0, 0.0] |

## E11. SAGE - Stair Use

Variables: 2 | Avg Missingness: 10.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 32. Using stairs? (One flight) - 0. - 160 | Binary (0/1) | 18/20 | 10% | 1 | [1.0, 1.0, 1.0] |
| 32. Using stairs? (One flight) - 1. How much difficulty? - 160 | Numeric (con... | 18/20 | 10% | 2 | [0.0, 2.0, 0.0] |

## E12. SAGE - Stairs (Assistance)

Variables: 3 | Avg Missingness: 68.3%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 33. Stairs - did you require help? - 0. - 162 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |
| 33. Stairs - did you require help? - 1. Stairs- Help required - 162 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 33. Stairs - did you require help? - 2. Other - 162 | Binary (0/1) | 0/20 | 100% | 0 | [] |

## E13. SAGE - Walking

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 34. Walking? (Approx. 10m or 32 ft or 14 steps) - 1. Walking -difficulty? - 164 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |

## E14. SAGE - Walking (Assistance)

Variables: 3 | Avg Missingness: 66.7%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 35. Walk - did you require help? - 0. - 166 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 35. Walk - did you require help? - 1. Walk- Help required - 166 | Binary (0/1) | 1/20 | 95% | 1 | [1.0] |
| 35. Walk - did you require help? - 2. Other - 166 | Binary (0/1) | 0/20 | 100% | 0 | [] |

## E15. SAGE - Dressing

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 36. Dressing? - 1. Difficulty? - 168 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |

## E16. SAGE - Chair Transfer

Variables: 2 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 37. Getting up from chair or toilet - 0. - 170 | Binary (0/1) | 19/20 | 5% | 1 | [1.0, 1.0, 1.0] |
| 37. Getting up from chair or toilet - 1. Difficulty? - 170 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |

## E17. SAGE - Chair Transfer (Assistance)

Variables: 3 | Avg Missingness: 68.3%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 38. Get up - Do you require help? - 0. - 172 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |
| 38. Get up - Do you require help? - 1. Get up - Help required - 172 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 38. Get up - Do you require help? - 2. Other - 172 | Binary (0/1) | 0/20 | 100% | 0 | [] |

## E18. SAGE - Bathing/Toileting

Variables: 2 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 39. Bathing or toileting alone? (Score the activity that the person finds to be mo... | Binary (0/1) | 19/20 | 5% | 1 | [1.0, 1.0, 1.0] |
| 39. Bathing or toileting alone? (Score the activity that the person finds to be mo... | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |

## E19. SAGE - Bathing (Assistance)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 40. Bathing - did you require help? - 176 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |

## E2. SAGE - Memory

Variables: 2 | Avg Missingness: 37.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 23. Remembering things that happened a few days before?( E.g., conversation, peopl... | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 1.0, 1.0] |
| 23. Remembering things that happened a few days before?( E.g., conversation, peopl... | Numeric (con... | 6/20 | 70% | 2 | [2.0, 2.0, 2.0] |

## E20. SAGE - Factors Affecting ADL

Variables: 13 | Avg Missingness: 42.3%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 41. Basic activities of daily living - Arthritis - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - Chronic pain - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - Heart failure - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - Leg pain - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - Loss of vision - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - Not sure - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - Other - 177 | Binary (0/1) | 12/20 | 40% | 2 | [0.0, 0.0, 1.0] |
| 41. Basic activities of daily living - Physical injury (e.g. fracture) - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - Shortness of breath - 177 | Binary (0/1) | 12/20 | 40% | 2 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - Stroke or TIA - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - Unsteadiness - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living - chest pain - 177 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 41. Basic activities of daily living: Other - 177 | Text/Categor... | 6/20 | 70% | 6 | ['Multiple Sclerosis', 'אי ספיקת כליות', 'דלקת בכתף'] |

## E3. SAGE - Multitasking

Variables: 2 | Avg Missingness: 47.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 24. Ability to switch between things that are happening at the same time? (E.g., m... | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 24. Ability to switch between things that are happening at the same time? (E.g., m... | Numeric (con... | 2/20 | 90% | 2 | [2.0, 1.0] |

## E4. SAGE - Concentration Activities

Variables: 2 | Avg Missingness: 7.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 25. Playing a game or reading a book that requires concentration? (E.g. of games: ... | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 1.0] |
| 25. Playing a game or reading a book that requires concentration? (E.g. of games: ... | Numeric (con... | 18/20 | 10% | 3 | [0.0, 0.0, 0.0] |

## E5. SAGE - Spatial Navigation

Variables: 2 | Avg Missingness: 7.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 26. Finding your way around a new building? (E.g., hospital/clinic) - 0. - 146 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 1.0] |
| 26. Finding your way around a new building? (E.g., hospital/clinic) - 1. How much ... | Numeric (con... | 18/20 | 10% | 2 | [0.0, 2.0, 2.0] |

## E6. SAGE - Trip/Social Planning

Variables: 2 | Avg Missingness: 10.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 27. Organizing a trip or social activities? (E.g., vacation or family occasion) (S... | Binary (0/1) | 18/20 | 10% | 1 | [1.0, 1.0, 1.0] |
| 27. Organizing a trip or social activities? (E.g., vacation or family occasion) (S... | Numeric (con... | 18/20 | 10% | 2 | [0.0, 0.0, 2.0] |

## E7. SAGE - Finances/Shopping

Variables: 2 | Avg Missingness: 12.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 28. Doing your own finances or shopping? (Score the activity that the person finds... | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 0.0] |
| 28. Doing your own finances or shopping? (Score the activity that the person finds... | Binary (0/1) | 16/20 | 20% | 1 | [0.0, 0.0, 0.0] |

## E8. SAGE - Medication Management

Variables: 2 | Avg Missingness: 7.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 29. Organizing and taking your medications? - 0. - 152 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 1.0] |
| 29. Organizing and taking your medications? - 1. How much difficulty? - 152 | Binary (0/1) | 18/20 | 10% | 2 | [0.0, 0.0, 0.0] |

## E9. SAGE - Meal Prep/Laundry

Variables: 2 | Avg Missingness: 10.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 30. Preparing a meal and/or doing laundry? (Score the activity that the person fin... | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 1.0] |
| 30. Preparing a meal and/or doing laundry? (Score the activity that the person fin... | Binary (0/1) | 17/20 | 15% | 1 | [0.0, 0.0, 0.0] |

## F10. PHQ-9 - Total Score

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 12. PHQ9 - Total Score - 128 | Numeric (con... | 19/20 | 5% | 13 | [10.0, 8.0, 8.0] |

## F11. PHQ-9 - Functional Impairment

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 13. If you checked off any problems, how difficult have these problems made it for... | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |

## F2. PHQ-9 - Item 2 (Mood)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 4. Feeling down, depressed, or hopeless - 120 | Numeric (con... | 19/20 | 5% | 3 | [1.0, 1.0, 1.0] |

## F3. PHQ-9 - Item 3 (Sleep)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 5. Trouble falling or staying asleep, or sleeping too much - 121 | Numeric (con... | 19/20 | 5% | 4 | [3.0, 1.0, 0.0] |

## F4. PHQ-9 - Item 4 (Energy)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 6. Feeling tired or having little energy - 122 | Numeric (con... | 19/20 | 5% | 4 | [1.0, 2.0, 2.0] |

## F5. PHQ-9 - Item 5 (Appetite)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 7. Poor appetite or overeating - 123 | Numeric (con... | 19/20 | 5% | 4 | [2.0, 2.0, 0.0] |

## F6. PHQ-9 - Item 6 (Self-Worth)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 8. Feeling bad about yourself — or that you are a failure or have let yourself or ... | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 1.0] |

## F7. PHQ-9 - Item 7 (Concentration)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 9. Trouble concentrating on things, such as reading the newspaper or watching tele... | Numeric (con... | 19/20 | 5% | 4 | [0.0, 1.0, 2.0] |

## F8. PHQ-9 - Item 8 (Psychomotor)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 10. Moving or speaking so slowly that other people could have noticed? Or the oppo... | Numeric (con... | 19/20 | 5% | 4 | [2.0, 0.0, 1.0] |

## F9. PHQ-9 - Item 9 (Suicidal Thoughts)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 11. Thoughts that you would be better off dead or of hurting - 127 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |

## G2. WHO-5 - Item 2 (Calmness)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 15. I have felt calm and relaxed - 131 | Numeric (con... | 19/20 | 5% | 5 | [4.0, 4.0, 2.0] |

## G3. WHO-5 - Item 3 (Energy)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 16. I have felt active and vigorous - 132 | Numeric (con... | 19/20 | 5% | 5 | [5.0, 2.0, 3.0] |

## G4. WHO-5 - Item 4 (Rest)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 17. I woke up feeling fresh and rested - 133 | Numeric (con... | 19/20 | 5% | 5 | [3.0, 2.0, 4.0] |

## G5. WHO-5 - Item 5 (Interest)

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 18. My daily life has been filled with things that interest me - 134 | Numeric (con... | 19/20 | 5% | 5 | [5.0, 5.0, 1.0] |

## G6. WHO-5 - Total Score

Variables: 1 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 19. WHO-5 - Total Score - 135 | Numeric (con... | 19/20 | 5% | 11 | [21.0, 17.0, 13.0] |

# 4. Medical Information

**Total variables: 233**Average patient-level missingness: 48.3%  
Variables with complete data: 45

## A. Healthcare Provider

Variables: 2 | Avg Missingness: 2.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 3. Primary care doctor - 250 | Text/Categor... | 19/20 | 5% | 19 | ['Beigel', 'Barak Nahir ', 'Alon Idelstein'] |
| 7. Health maintenance organization - 223 | Numeric (con... | 20/20 | 0% | 3 | [2.0, 3.0, 1.0] |

## B1. Recent Hospitalizations

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 4. Hospitalization in the past year? - 442 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 0.0] |

## B2. ICD-9 Medical History

Variables: 20 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 5. Medical history (ICD9 Codes) - 001-139 Infectious and Parasitic diseases - 251 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 140-239 Neoplasms - 251 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 1.0] |
| 5. Medical history (ICD9 Codes) - 240-246 251-279 Endocrine, Nutritional and Metab... | Binary (0/1) | 20/20 | 0% | 1 | [1.0, 1.0, 1.0] |
| 5. Medical history (ICD9 Codes) - 280-289 Diseases of Blood and Forming organs - 251 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 1.0] |
| 5. Medical history (ICD9 Codes) - 290-319 Mental disorders - 251 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 320-389 Diseases of the Nervous system and Sense... | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 390-459 Diseases of the Circulatory system - 251 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 1.0, 1.0] |
| 5. Medical history (ICD9 Codes) - 460-519 Other diseases of the Respiratory system... | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 520-579 Diseases of the Digestive system - 251 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 1.0] |
| 5. Medical history (ICD9 Codes) - 580-629 Diseases of the Genitourinary system - 251 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 630-679 Complications of Pregnancy, Childbirth, ... | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 680-709 Diseases of the Skin and Subcutaneous Ti... | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 710-739 Diseases of the Musculoskeletal system a... | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 740-759 Congenital anomalies - 251 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 760-779 Certain conditions originating in the Pe... | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 780-799 Symptoms, Signs and Ill-defined Conditio... | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - 800-999 Injury and Poisoning - 251 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - E800-E999 Supplementary Classification of Extern... | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - M8000-M9970 Morphology of Neoplasms - 251 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 5. Medical history (ICD9 Codes) - V01-V82 Supplementary Classification of factors ... | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |

## C1. ATC Coded Medications

Variables: 13 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 6. Medication (ATC Codes) - A00 Alimentary Tract and Metabolism - 252 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 1.0, 1.0] |
| 6. Medication (ATC Codes) - B00 Blood and Blood forming organs - 252 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 0.0] |
| 6. Medication (ATC Codes) - C00 Cardiovascular system - 252 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 1.0, 1.0] |
| 6. Medication (ATC Codes) - D00 Dermatologicals - 252 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 6. Medication (ATC Codes) - G00 Genito Urinary System and Sex Hormones - 252 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 1.0] |
| 6. Medication (ATC Codes) - H00 Systemic Hormonal Preparations, excl. Sex Hormones... | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 6. Medication (ATC Codes) - J00 Antiinfectives for Systemic Use - 252 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 6. Medication (ATC Codes) - M00 Musculo-Skeletal system - 252 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 6. Medication (ATC Codes) - N00 Nervous system - 252 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 1.0] |
| 6. Medication (ATC Codes) - P00 Antiparasitic Products, Insecticides and Repellent... | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |
| 6. Medication (ATC Codes) - R00 Respiratory system - 252 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 0.0] |
| 6. Medication (ATC Codes) - S00 Sensory Organs - 252 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 6. Medication (ATC Codes) - V00 Various - 252 | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |

## C2. Cardiovascular Medications

Variables: 4 | Avg Missingness: 6.2%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 55. ACE inhibitors - 314 | Binary (0/1) | 18/20 | 10% | 2 | [1.0, 0.0, 0.0] |
| 56. AT-2 - 315 | Binary (0/1) | 17/20 | 15% | 2 | [0.0, 1.0, 0.0] |
| 57. Statins - 316 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 1.0, 1.0] |
| 58. Aspirin-Plavix - 317 | Numeric (con... | 20/20 | 0% | 3 | [0.0, 1.0, 0.0] |

## D1. Diabetes Type & Diagnosis

Variables: 2 | Avg Missingness: 12.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 7. Diabetes mellitus type - 255 | Numeric (con... | 19/20 | 5% | 1 | [2.0, 2.0, 2.0] |
| 8. Year of diagnosis - 256 | Numeric (con... | 16/20 | 20% | 9 | [2016.0, 2022.0, 2024.0] |

## D2. Glycemic Monitoring

Variables: 12 | Avg Missingness: 25.4%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 21. Use of sensor - 269 | Binary (0/1) | 18/20 | 10% | 2 | [0.0, 0.0, 0.0] |
| 23. Use of glucometer - 277 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 1.0] |
| 24. If uses glucometer, how frequently do they use - 278 | Numeric (con... | 11/20 | 45% | 3 | [0.0, 1.0, 0.0] |
| 27. Morning Glucose value - 281 | Numeric (con... | 7/20 | 65% | 7 | [120.0, 137.0, 132.0] |
| 27. Morning Glucose value - Unit - 281 | Text/Categor... | 7/20 | 65% | 1 | ['mg/dl', 'mg/dl', 'mg/dl'] |
| 28. Blood fasting glucose values - 0. - 286 | Numeric (con... | 17/20 | 15% | 16 | [101.0, 137.0, 138.0] |
| 28. Blood fasting glucose values - 0. - Unit - 286 | Text/Categor... | 17/20 | 15% | 1 | ['mg/dl', 'mg/dl', 'mg/dl'] |
| 28. Blood fasting glucose values - 1. - 286 | Date | 17/20 | 15% | 17 | ['May 11, 2025', 'January 5, 2025', 'March 30, 2025'] |
| 29. HbA1c values - 0. - 287 | Numeric (con... | 19/20 | 5% | 14 | [6.7, 6.2, 6.9] |
| 29. HbA1c values - 0. - Unit - 287 | Text/Categor... | 19/20 | 5% | 1 | ['%', '%', '%'] |
| 29. HbA1c values - 1. - 287 | Date | 19/20 | 5% | 6 | ['May 11, 2025', 'May 11, 2025', 'May 11, 2025'] |
| 61. How many hypoglycemia events (low blood sugar) experienced in which they felt ... | Binary (0/1) | 9/20 | 55% | 1 | [1.0, 1.0, 1.0] |

## D3. Insulin Therapy

Variables: 12 | Avg Missingness: 68.3%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 30. Use of insulin - 288 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 1.0, 0.0] |
| 31. Use of basal insulin - 289 | Binary (0/1) | 16/20 | 20% | 2 | [0.0, 1.0, 0.0] |
| 32. Type of basal insulin - 290 | Binary (0/1) | 1/20 | 95% | 1 | [1.0] |
| 33. No. of basal insulin units - 291 | Numeric (con... | 1/20 | 95% | 1 | [14.5] |
| 34. Use of bolus insulin - 292 | Binary (0/1) | 13/20 | 35% | 1 | [0.0, 0.0, 0.0] |
| 35. Type of Bolus insulin - 293 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 36. No. of bolus insulin units - 294 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 37. Use of Premix Insulin - 295 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 38. No. of Premix Insulin units - 296 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 39. Use of pump - 297 | Binary (0/1) | 14/20 | 30% | 1 | [0.0, 0.0, 0.0] |
| 40. Type of pump - 298 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 41. Years of using an insulin pump - 299 | Binary (0/1) | 0/20 | 100% | 0 | [] |

## D4. Oral Diabetes Medications

Variables: 17 | Avg Missingness: 46.2%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 42. Use of Metformin - 303 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 1.0] |
| 43. Use of Sulphonylureas - 304 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |
| 44. Type of Sulphonylureas - 305 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 45. Use of Glinides - 306 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |
| 46. Type of Glinides - 307 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 47. Use of Acarbose - 308 | Binary (0/1) | 18/20 | 10% | 1 | [0.0, 0.0, 0.0] |
| 48. Use of DPP-4 - 309 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 1.0, 0.0] |
| 49. Type of DPP-4 - 310 | Binary (0/1) | 1/20 | 95% | 1 | [1.0] |
| 50. Use of Pioglitazone - 311 | Binary (0/1) | 16/20 | 20% | 1 | [0.0, 0.0, 0.0] |
| 51. Use of GLP - 312 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |
| 52. Type of GLP - 313 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 53. Use of GLP in the past? - 0. - 538 | Binary (0/1) | 9/20 | 55% | 2 | [1.0, 0.0, 0.0] |
| 53. Use of GLP in the past? - 1. GLP Type? - 538 | Numeric (con... | 5/20 | 75% | 1 | [3.0, 3.0, 3.0] |
| 53. Use of GLP in the past? - 2. How long was GLP used? - 538 | Numeric (con... | 5/20 | 75% | 4 | [8.0, 8.0, 18.0] |
| 53. Use of GLP in the past? - 3. Last date of usage? - 538 | Date | 5/20 | 75% | 5 | ['January 12, 2024', 'August 1, 2024', 'April 1, 2025'] |
| 54. Use of SGLT-2 - 0. - 450 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 0.0, 0.0] |
| 54. Use of SGLT-2 - 1. Which type of SGLT-2 - 450 | Binary (0/1) | 10/20 | 50% | 2 | [0.0, 0.0, 0.0] |

## D5. Hypoglycemia History

Variables: 6 | Avg Missingness: 70.8%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 5. Severe hypoglycemia - 118 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 59. Experienced hypoglycemia (low blood sugar) events during their life in which e... | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 62. Feels hypoglycemia - 321 | Binary (0/1) | 1/20 | 95% | 1 | [1.0] |
| 63. Wakes up from hypoglycemia at night - 322 | Binary (0/1) | 1/20 | 95% | 1 | [1.0] |
| 64. Neuroglycopenia symptoms during hypoglycemia - 323 | Binary (0/1) | 1/20 | 95% | 1 | [1.0] |
| 65. Adrenergic symptoms during hypoglycemia - 324 | Binary (0/1) | 1/20 | 95% | 1 | [1.0] |

## D6. Diabetic Ketoacidosis

Variables: 1 | Avg Missingness: 35.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 66. DKA history in the last 6 months - 326 | Binary (0/1) | 13/20 | 35% | 1 | [0.0, 0.0, 0.0] |

## E1. Lipid Profile

Variables: 11 | Avg Missingness: 11.4%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 10. Hypercholesterolemia - 0. - 259 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 1.0] |
| 11. Cholestrol value - 0. Cholestrol value - 532 | Numeric (con... | 12/20 | 40% | 11 | [178.0, 123.0, 137.0] |
| 11. Cholestrol value - 0. Cholestrol value - Unit - 532 | Text/Categor... | 12/20 | 40% | 1 | ['mg/dL', 'mg/dL', 'mg/dL'] |
| 11. Cholestrol value - 1. Date of recording - 532 | Date | 12/20 | 40% | 12 | ['June 5, 2025', 'May 15, 2025', 'May 18, 2025'] |
| 12. LDL last blood test values - 260 | Numeric (con... | 20/20 | 0% | 18 | [82.0, 61.0, 70.0] |
| 12. LDL last blood test values - Unit - 260 | Text/Categor... | 20/20 | 0% | 1 | ['mg/dl', 'mg/dl', 'mg/dl'] |
| 14. HDL last blood test values - 262 | Numeric (con... | 20/20 | 0% | 16 | [38.0, 47.0, 59.0] |
| 14. HDL last blood test values - Unit - 262 | Text/Categor... | 20/20 | 0% | 1 | ['mg/dl', 'mg/dl', 'mg/dl'] |
| 16. Triglycerides last blood test values - 264 | Numeric (con... | 20/20 | 0% | 19 | [298.0, 105.0, 150.0] |
| 16. Triglycerides last blood test values - Unit - 264 | Text/Categor... | 20/20 | 0% | 1 | ['mg/dl', 'mg/dl', 'mg/dl'] |
| 9. High blood pressure - 258 | Binary (0/1) | 20/20 | 0% | 2 | [1.0, 1.0, 1.0] |

## E2. Smoking History

Variables: 3 | Avg Missingness: 18.3%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 18. Smoker - 266 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 19. Smoked in the past - 267 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 1.0, 0.0] |
| 20. Year of quitting smoking - 268 | Numeric (con... | 10/20 | 50% | 10 | [2000.0, 1980.0, 1987.0] |

## F1. Macrovascular Complications

Variables: 7 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 67. Heart attack - 328 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 68. Stroke - 329 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 69. Problems with the blood supply to the legs - 330 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 1.0, 0.0] |
| 70. Underwent Cardiac catheterization - 331 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 71. Suffers from Ischemic heart disease - 332 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 72. Suffers from Cerebrovascular disease - 333 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 75. PVD - 495 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 1.0, 0.0] |

## F2. Foot Complications

Variables: 2 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 73. Foot ulcer - 334 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |
| 74. Amputation - 335 | Binary (0/1) | 19/20 | 5% | 1 | [0.0, 0.0, 0.0] |

## F3. Retinopathy

Variables: 2 | Avg Missingness: 55.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 15. Endocrine/Metabolic Adverse Events - Diabetic Retinopathy - 514 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 76. Known Retinopathy - 336 | Binary (0/1) | 18/20 | 10% | 2 | [0.0, 0.0, 0.0] |

## F4. Nephropathy & Renal Function

Variables: 8 | Avg Missingness: 10.6%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 77. Known Nephropathy - 340 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 78. Known Albuminuria - 341 | Binary (0/1) | 17/20 | 15% | 2 | [0.0, 1.0, 0.0] |
| 79. Microalbumin/Creatinine Ratio - 342 | Numeric (con... | 17/20 | 15% | 17 | [12.86, 78.5, 0.0] |
| 79. Microalbumin/Creatinine Ratio - Unit - 342 | Text/Categor... | 17/20 | 15% | 1 | ['mcg/mg', 'mcg/mg', 'mcg/mg'] |
| 80. Date of Microalbumin/Creatinine Ratio test - 343 | Date | 17/20 | 15% | 17 | ['January 11, 2025', 'February 6, 2025', 'January 14, 2025'] |
| 81. Blood creatinine - 344 | Numeric (con... | 19/20 | 5% | 18 | [0.69, 0.89, 0.94] |
| 81. Blood creatinine - Unit - 344 | Text/Categor... | 19/20 | 5% | 1 | ['mg/dl', 'mg/dl', 'mg/dl'] |
| 82. Date of creatinine test - 345 | Date | 18/20 | 10% | 18 | ['January 11, 2025', 'February 6, 2025', 'March 30, 2025'] |

## F5. Neuropathy

Variables: 3 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 83. Known Neuropathy - 426 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 84. Decreased sensation in lower limbs - 346 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |
| 85. Limb pain - 347 | Binary (0/1) | 19/20 | 5% | 2 | [0.0, 0.0, 0.0] |

## G. Liver Function Tests

Variables: 22 | Avg Missingness: 75.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 100. LDH date of test - 362 | Date | 3/20 | 85% | 3 | ['April 27, 2025', 'August 14, 2025', 'August 29, 2018'] |
| 86. Liver Dysfunction - 348 | Binary (0/1) | 18/20 | 10% | 2 | [1.0, 0.0, 0.0] |
| 87. AST value - 349 | Numeric (con... | 4/20 | 80% | 4 | [25.0, 19.0, 10.0] |
| 87. AST value - Unit - 349 | Text/Categor... | 4/20 | 80% | 1 | ['IU/L', 'IU/L', 'IU/L'] |
| 88. AST Date of test - 350 | Date | 4/20 | 80% | 4 | ['April 27, 2025', 'August 14, 2025', 'July 10, 2025'] |
| 89. ALT value - 351 | Numeric (con... | 5/20 | 75% | 5 | [38.0, 26.0, 22.0] |
| 89. ALT value - Unit - 351 | Text/Categor... | 5/20 | 75% | 1 | ['IU/L', 'IU/L', 'IU/L'] |
| 90. ALT Date of test - 352 | Date | 5/20 | 75% | 5 | ['June 12, 2025', 'April 27, 2025', 'August 14, 2025'] |
| 91. GGT value - 353 | Numeric (con... | 1/20 | 95% | 1 | [41.0] |
| 91. GGT value - Unit - 353 | Text/Categor... | 1/20 | 95% | 1 | ['IU/L'] |
| 92. GGT Date of test - 354 | Date | 1/20 | 95% | 1 | ['August 14, 2025'] |
| 93. Bilirubin value - 355 | Numeric (con... | 1/20 | 95% | 1 | [0.47] |
| 93. Bilirubin value - Unit - 355 | Text/Categor... | 1/20 | 95% | 1 | ['mg/dl'] |
| 94. Bilirubin Date of test - 356 | Date | 1/20 | 95% | 1 | ['August 14, 2025'] |
| 95. Alkaline Phosphatase value - 357 | Numeric (con... | 2/20 | 90% | 2 | [75.0, 98.0] |
| 95. Alkaline Phosphatase value - Unit - 357 | Text/Categor... | 2/20 | 90% | 1 | ['IU/L', 'IU/L'] |
| 96. Alkaline Phosphatase Date of test - 358 | Date | 2/20 | 90% | 2 | ['August 14, 2025', 'February 19, 2025'] |
| 97. Albumin value - 359 | Numeric (con... | 14/20 | 30% | 10 | [4.7, 4.3, 4.6] |
| 97. Albumin value - Unit - 359 | Text/Categor... | 14/20 | 30% | 1 | ['g/dl', 'g/dl', 'g/dl'] |
| 98. Albumin date of test - 360 | Date | 14/20 | 30% | 14 | ['February 6, 2025', 'March 30, 2025', 'March 17, 2025'] |
| 99. LDH value - 361 | Numeric (con... | 3/20 | 85% | 3 | [221.0, 216.0, 364.0] |
| 99. LDH value - Unit - 361 | Text/Categor... | 3/20 | 85% | 1 | ['IU/L', 'IU/L', 'IU/L'] |

## H1. Blood Pressure

Variables: 4 | Avg Missingness: 5.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 102. Systolic - 371 | Numeric (con... | 19/20 | 5% | 28 | [149.0, 123.0, 120.0] |
| 102. Systolic - Unit - 371 | Text/Categor... | 19/20 | 5% | 1 | ['mmHg', 'mmHg', 'mmHg'] |
| 103. Diastolic - 370 | Numeric (con... | 19/20 | 5% | 22 | [83.0, 68.0, 84.0] |
| 103. Diastolic - Unit - 370 | Text/Categor... | 19/20 | 5% | 1 | ['mmHg', 'mmHg', 'mmHg'] |

## H2. Heart Rate

Variables: 2 | Avg Missingness: 10.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 104. Pulse - 369 | Numeric (con... | 18/20 | 10% | 18 | [67.0, 62.0, 61.0] |
| 104. Pulse - Unit - 369 | Text/Categor... | 18/20 | 10% | 1 | ['bpm', 'bpm', 'bpm'] |

## I. Adverse Events

Variables: 79 | Avg Missingness: 84.7%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 10. Institutionalization - 0. - 111 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 10. Institutionalization - 1. - 111 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 10. Institutionalization - 2. Start date - 111 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 10. Institutionalization - 3. End date - 111 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 11. New Disability - 0. - 112 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 11. New Disability - 1. - 112 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 11. New Disability - 2. Start date - 112 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 11. New Disability - 3. End date - 112 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 11. New Disability - 4. - 112 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 12. Other - 0. - 113 | Binary (0/1) | 12/20 | 40% | 2 | [0.0, 0.0, 0.0] |
| 12. Other - 1. - 113 | Text/Categor... | 2/20 | 90% | 2 | ['The patient is tired all the time.', 'Severe fatigue for the past... |
| 12. Other - 2. Start date - 113 | Date | 2/20 | 90% | 2 | ['August 20, 2025', 'August 29, 2025'] |
| 12. Other - 3. End date - 113 | Date | 2/20 | 90% | 1 | ['September 3, 2025', 'September 3, 2025'] |
| 13. Death - 0. - 114 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 13. Death - 1. - 114 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 13. Death - 2. - 114 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 13. Death - 3. End date - 114 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 14. Gastrointestinal Adverse Events - 0. - 513 | Binary (0/1) | 12/20 | 40% | 2 | [1.0, 1.0, 0.0] |
| 14. Gastrointestinal Adverse Events - Abdominal bloating - 513 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 14. Gastrointestinal Adverse Events - Abdominal pain - 513 | Numeric (con... | 2/20 | 90% | 1 | [4.0, 4.0] |
| 14. Gastrointestinal Adverse Events - Burping - 513 | Numeric (con... | 1/20 | 95% | 1 | [6.0] |
| 14. Gastrointestinal Adverse Events - Constipation - 513 | Numeric (con... | 3/20 | 85% | 1 | [3.0, 3.0, 3.0] |
| 14. Gastrointestinal Adverse Events - Diarrhoea - 513 | Numeric (con... | 3/20 | 85% | 1 | [2.0, 2.0, 2.0] |
| 14. Gastrointestinal Adverse Events - Gas (flatulence) - 513 | Numeric (con... | 2/20 | 90% | 1 | [7.0, 7.0] |
| 14. Gastrointestinal Adverse Events - Inflamed stomach (gastritis) - 513 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 14. Gastrointestinal Adverse Events - Nausea - 513 | Binary (0/1) | 3/20 | 85% | 1 | [0.0, 0.0, 0.0] |
| 14. Gastrointestinal Adverse Events - Reflux or Heartburn - 513 | Numeric (con... | 2/20 | 90% | 1 | [10.0, 10.0] |
| 14. Gastrointestinal Adverse Events - Slowing of gastric emptying - 513 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 14. Gastrointestinal Adverse Events - Upset stomach or Indigestion - 513 | Numeric (con... | 1/20 | 95% | 1 | [5.0] |
| 14. Gastrointestinal Adverse Events - Vomiting - 513 | Binary (0/1) | 1/20 | 95% | 1 | [1.0] |
| 15. Endocrine/Metabolic Adverse Events - 0. - 514 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 15. Endocrine/Metabolic Adverse Events - Gallstones - 514 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 15. Endocrine/Metabolic Adverse Events - Hypoglycaemia - 514 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 16. Cardiovascular Adverse Events - 0. - 515 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 16. Cardiovascular Adverse Events - Fast heartbeat - 515 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 16. Cardiovascular Adverse Events - Feeling dizzy or lightheaded on standing or si... | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 16. Cardiovascular Adverse Events - Low Blood Pressure - 515 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 17. Neurological Adverse Events - 0. - 516 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 17. Neurological Adverse Events - Feeling dizzy - 516 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 17. Neurological Adverse Events - Feeling weak or tired - 516 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 17. Neurological Adverse Events - Headache - 516 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 18. Dermatological/Other Adverse Events - 0. - 517 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 18. Dermatological/Other Adverse Events - Hairloss - 517 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 18. Dermatological/Other Adverse Events - injection site reactions - 517 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 19. Acute Pancreatitis - 0. - 524 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 2. Free text - 441 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 20. Musculoskeletal injuries - 0. - 518 | Binary (0/1) | 7/20 | 65% | 1 | [0.0, 0.0, 0.0] |
| 20. Musculoskeletal injuries - Joint pain (e.g., knee, hip, or shoulder pain) - 518 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 20. Musculoskeletal injuries - Low back pain - 518 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 20. Musculoskeletal injuries - Muscle strain - 518 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 20. Musculoskeletal injuries - Physical injury due to use of equipment - 518 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 21. Exercise related falls - 521 | Binary (0/1) | 7/20 | 65% | 1 | [0.0, 0.0, 0.0] |
| 3. AE - 0. - 523 | Binary (0/1) | 12/20 | 40% | 2 | [0.0, 1.0, 0.0] |
| 3. AE - 1. - 523 | Text/Categor... | 8/20 | 60% | 6 | ['Headaches often occur after injection.', 'Fatigue', 'GI'] |
| 3. AE - 2. - 523 | Date | 1/20 | 95% | 1 | ['August 26, 2025'] |
| 4. Serious adverse event - 0. - 115 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 4. Serious adverse event - 1. if SAE - 115 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 4. Serious adverse event - 2. if SAE - 115 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 4. Serious adverse event - 3. SAE criteria - 115 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 4. Serious adverse event - 4. Severity - 115 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 4. Serious adverse event - 5. Relationship - 115 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 4. Serious adverse event - 6. Action taken - 115 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 4. Serious adverse event - 7. Outcome of AE - 115 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 6. Did you fall? - 0. - 107 | Binary (0/1) | 12/20 | 40% | 2 | [0.0, 0.0, 0.0] |
| 6. Did you fall? - 1. - 107 | Text/Categor... | 1/20 | 95% | 1 | ['Fell during a house move and hit her arm'] |
| 6. Did you fall? - 2. - 107 | Date | 1/20 | 95% | 1 | ['June 10, 2025'] |
| 6. Did you fall? - 3. End date - 107 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 7. Fracture - 0. - 108 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 7. Fracture - 1. - 108 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 7. Fracture - 2. - 108 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 7. Fracture - 3. End date - 108 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 8. ER admission - 0. - 110 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 8. ER admission - 1. - 110 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 8. ER admission - 2. Start date - 110 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 8. ER admission - 3. End date - 110 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 9. Hospitalization - 0. - 109 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 9. Hospitalization - 1. - 109 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 9. Hospitalization - 2. Start date - 109 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 9. Hospitalization - 3. End date - 109 | Binary (0/1) | 0/20 | 100% | 0 | [] |

# 5. Physical Information

**Total variables: 94**Average patient-level missingness: 15.3%  
Variables with complete data: 53

## A. Anthropometric Measurements

Variables: 16 | Avg Missingness: 6.2%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 101. Body Mass Index - 0. Height (m) - 366 | Numeric (con... | 20/20 | 0% | 16 | [1.48, 1.68, 1.55] |
| 101. Body Mass Index - 0. Height (m) - Unit - 366 | Text/Categor... | 20/20 | 0% | 1 | ['m', 'm', 'm'] |
| 101. Body Mass Index - 1. Weight (kg) - 366 | Numeric (con... | 20/20 | 0% | 20 | [64.8, 95.8, 72.6] |
| 101. Body Mass Index - 1. Weight (kg) - Unit - 366 | Text/Categor... | 20/20 | 0% | 1 | ['kg', 'kg', 'kg'] |
| 101. Body Mass Index - 2. BMI - 366 | Numeric (con... | 20/20 | 0% | 20 | [29.58, 33.94, 30.22] |
| 101. Body Mass Index - 2. BMI - Unit - 366 | Text/Categor... | 20/20 | 0% | 1 | ['kg/m²', 'kg/m²', 'kg/m²'] |
| 12. Body Mass Index - 0. Height (m) - 366 | Numeric (con... | 18/20 | 10% | 18 | [1.5, 1.5, 1.5] |
| 12. Body Mass Index - 0. Height (m) - Unit - 366 | Text/Categor... | 18/20 | 10% | 1 | ['m', 'm', 'm'] |
| 12. Body Mass Index - 1. Weight (kg) - 366 | Numeric (con... | 18/20 | 10% | 36 | [64.7, 61.85, 59.4] |
| 12. Body Mass Index - 1. Weight (kg) - Unit - 366 | Text/Categor... | 18/20 | 10% | 1 | ['kg', 'kg', 'kg'] |
| 12. Body Mass Index - 2. BMI - 366 | Numeric (con... | 18/20 | 10% | 36 | [28.76, 27.49, 26.4] |
| 12. Body Mass Index - 2. BMI - Unit - 366 | Text/Categor... | 18/20 | 10% | 1 | ['kg/m²', 'kg/m²', 'kg/m²'] |
| 20. Loss of weight - 0. Current Weight (kg) - 447 | Numeric (con... | 18/20 | 10% | 18 | [95.8, 72.0, 66.5] |
| 20. Loss of weight - 0. Current Weight (kg) - Unit - 447 | Text/Categor... | 18/20 | 10% | 1 | ['kg', 'kg', 'kg'] |
| 20. Loss of weight - 1. Weight 1 year ago (kg) - 447 | Numeric (con... | 18/20 | 10% | 17 | [89.0, 71.0, 66.0] |
| 20. Loss of weight - 1. Weight 1 year ago (kg) - Unit - 447 | Text/Categor... | 18/20 | 10% | 1 | ['kg', 'kg', 'kg'] |

## B. Body Composition Measurements

Variables: 10 | Avg Missingness: 10.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 10. Waist to hip ratio - 0. Waist circumference - 440 | Numeric (con... | 18/20 | 10% | 22 | [97.0, 100.0, 94.0] |
| 10. Waist to hip ratio - 0. Waist circumference - Unit - 440 | Text/Categor... | 18/20 | 10% | 1 | ['cm', 'cm', 'cm'] |
| 10. Waist to hip ratio - 1. Hip circumference - 440 | Numeric (con... | 18/20 | 10% | 21 | [100.0, 99.5, 97.0] |
| 10. Waist to hip ratio - 1. Hip circumference - Unit - 440 | Text/Categor... | 18/20 | 10% | 1 | ['cm', 'cm', 'cm'] |
| 10. Waist to hip ratio - 2. Waist to hip ratio - 440 | Numeric (con... | 18/20 | 10% | 22 | [0.97, 1.01, 0.97] |
| 10. Waist to hip ratio - 2. Waist to hip ratio - Unit - 440 | Text/Categor... | 18/20 | 10% | 1 | ['cm', 'cm', 'cm'] |
| 11. Calf circumference - 0. Right - 535 | Numeric (con... | 18/20 | 10% | 19 | [35.0, 34.5, 34.0] |
| 11. Calf circumference - 0. Right - Unit - 535 | Text/Categor... | 18/20 | 10% | 1 | ['cm', 'cm', 'cm'] |
| 11. Calf circumference - 1. Left - 535 | Numeric (con... | 18/20 | 10% | 24 | [34.5, 34.0, 33.0] |
| 11. Calf circumference - 1. Left - Unit - 535 | Text/Categor... | 18/20 | 10% | 1 | ['cm', 'cm', 'cm'] |

## C. Exercise & Physical Activity

Variables: 10 | Avg Missingness: 43.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 3. Do you exercise? - 0. - 537 | Binary (0/1) | 19/20 | 5% | 2 | [1.0, 1.0, 1.0] |
| 3. Do you exercise? - 2. Aerobic Exercise(Weekly min) - 537 | Numeric (con... | 13/20 | 35% | 13 | [60.0, 140.0, 20.0] |
| 3. Do you exercise? - 3. Aerobic Exercise Intensity(RPE) - 537 | Text/Categor... | 13/20 | 35% | 4 | ['3', '3', '3'] |
| 3. Do you exercise? - 4. Meets Aerobic guidlines? - 537 | Binary (0/1) | 13/20 | 35% | 2 | [0.0, 0.0, 0.0] |
| 3. Do you exercise? - 5. Resistance exercise (Number of weekly sessions) - 537 | Numeric (con... | 9/20 | 55% | 3 | [2.0, 2.0, 1.0] |
| 3. Do you exercise? - 6. Resistance exercise intensity (RPE) - 537 | Text/Categor... | 9/20 | 55% | 5 | ['5-6', '4', '4'] |
| 3. Do you exercise? - 7. Meets resistance exercise guidlines? - 537 | Binary (0/1) | 10/20 | 50% | 2 | [1.0, 1.0, 0.0] |
| 3. Do you exercise? - Aerobic - 537 | Binary (0/1) | 13/20 | 35% | 1 | [0.0, 0.0, 0.0] |
| 3. Do you exercise? - Other - 537 | Numeric (con... | 6/20 | 70% | 1 | [2.0, 2.0, 2.0] |
| 3. Do you exercise? - Resistance - 537 | Binary (0/1) | 8/20 | 60% | 1 | [1.0, 1.0, 1.0] |

## C. Physical Activity Questionnaire

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 4. Result in the physical activity and fitness evaluation questionnaire - 533 | Numeric (con... | 20/20 | 0% | 18 | [7.17, 3.42, 5.54] |

## D1. Frailty - Weight Loss

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 5. Unintentional weight loss - more than 5% of body weight loss or more than 4.5 k... | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |

## D2. Frailty - Fatigue/Exhaustion

Variables: 2 | Avg Missingness: 45.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 6. Fatigue/Exhaustion, difficulty during exercise - according to self-report exhau... | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 6. Fatigue/Exhaustion, difficulty during exercise - according to self-report exhau... | Binary (0/1) | 2/20 | 90% | 2 | [0.0, 1.0] |

## D3. Frailty - Physical Activity Level

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 7. Low level of Physical activity according to the physical activity questionnaire... | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 0.0] |

## D4. Frailty - Walking Speed

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 8. Slow walk: Walking pace measurement of over seven seconds in order to walk thre... | Binary (0/1) | 20/20 | 0% | 1 | [0.0, 0.0, 0.0] |

## D5. Frailty - Grip Strength Criterion

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 9. Muscle weakness: Dynamometer measurement that tests hand grip strength. Weaknes... | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 1.0] |

## D6. Frailty - Total Score

Variables: 4 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 10. Frailty Criteria: Pre Frail - 247 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 1.0] |
| 11. Frailty Criteria: Frail - 248 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 0.0] |
| 21. Automatic calculation of Frail Scale scores - 448 | Numeric (con... | 20/20 | 0% | 3 | [0.0, 2.0, 1.0] |
| 22. Categorization - 449 | Text/Categor... | 20/20 | 0% | 2 | ['robust health status', 'Pre-frail', 'Pre-frail'] |

## E. Falls History

Variables: 9 | Avg Missingness: 52.2%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 12. Did you fall? - 0. - 107 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 1.0] |
| 12. Did you fall? - 1. - 107 | Text/Categor... | 4/20 | 80% | 4 | ['נפילה תוך ככדי סיבוב', "Doesn't remember when or how - whike walk... |
| 12. Did you fall? - 2. - 107 | Date | 2/20 | 90% | 2 | ['March 18, 2024', 'May 1, 2021'] |
| 12. Did you fall? - 3. End date - 107 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 13. How many falls have you had in the past 6 months? - 422 | Binary (0/1) | 16/20 | 20% | 2 | [0.0, 1.0, 0.0] |
| 14. Did you have any symptoms before falling? - 0. - 423 | Binary (0/1) | 12/20 | 40% | 1 | [0.0, 0.0, 0.0] |
| 14. Did you have any symptoms before falling? - 1. If yes - 423 | Binary (0/1) | 0/20 | 100% | 0 | [] |
| 15. Did the fall lead to hospitalisation? - 424 | Binary (0/1) | 12/20 | 40% | 2 | [0.0, 0.0, 0.0] |
| 27. How many times have you fallen in the past year? - 438 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 0.0, 1.0] |

## F. SARC-F Sarcopenia Screening

Variables: 2 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 23. How much difficulty do you have in lifting and carrying 10 pounds - 434 | Binary (0/1) | 20/20 | 0% | 2 | [0.0, 1.0, 0.0] |
| 28. Automatic calculation of SARC-F scores - 439 | Numeric (con... | 20/20 | 0% | 4 | [0.0, 2.0, 1.0] |

## G1. Grip Strength Test (Dynamometer)

Variables: 19 | Avg Missingness: 9.5%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 29. Right Hand - 0. Test 1 - Unit - 391 | Text/Categor... | 20/20 | 0% | 1 | ['kg', 'kg', 'kg'] |
| 29. Right Hand - 1. Test 2 - 391 | Numeric (con... | 20/20 | 0% | 24 | [21, 17, 20] |
| 29. Right Hand - 1. Test 2 - Unit - 391 | Text/Categor... | 20/20 | 0% | 1 | ['kg', 'kg', 'kg'] |
| 29. Right Hand - 2. Test 3 - 391 | Numeric (con... | 20/20 | 0% | 22 | [21, 17, 15] |
| 29. Right Hand - 2. Test 3 - Unit - 391 | Text/Categor... | 20/20 | 0% | 1 | ['kg', 'kg', 'kg'] |
| 29. Right Hand - 3. Average - 391 | Numeric (con... | 20/20 | 0% | 33 | [21.33, 17.33, 19.33] |
| 29. Right Hand - 3. Average - Unit - 391 | Text/Categor... | 20/20 | 0% | 1 | ['kg', 'kg', 'kg'] |
| 29. Right Hand - 4. Percentile - 391 | Numeric (con... | 3/20 | 85% | 3 | [29.0, 3.75, 55.27] |
| 29. Right Hand - 4. Percentile - Unit - 391 | Text/Categor... | 20/20 | 0% | 1 | ['%', '%', '%'] |
| 30. Left Hand - 0. Test 1 - 396 | Numeric (con... | 20/20 | 0% | 28 | [19.0, 15.0, 16.0] |
| 30. Left Hand - 0. Test 1 - Unit - 396 | Text/Categor... | 20/20 | 0% | 1 | ['kg', 'kg', 'kg'] |
| 30. Left Hand - 1. Test 2 - 396 | Numeric (con... | 20/20 | 0% | 23 | [18.0, 15.0, 17.0] |
| 30. Left Hand - 1. Test 2 - Unit - 396 | Text/Categor... | 20/20 | 0% | 1 | ['kg', 'kg', 'kg'] |
| 30. Left Hand - 2. Test 3 - 396 | Numeric (con... | 20/20 | 0% | 22 | [15.0, 14.0, 18.0] |
| 30. Left Hand - 2. Test 3 - Unit - 396 | Text/Categor... | 20/20 | 0% | 1 | ['kg', 'kg', 'kg'] |
| 30. Left Hand - 3. Average - 396 | Numeric (con... | 20/20 | 0% | 31 | [17.33, 14.67, 17.0] |
| 30. Left Hand - 3. Average - Unit - 396 | Text/Categor... | 20/20 | 0% | 1 | ['kg', 'kg', 'kg'] |
| 30. Left Hand - 4. Percentile - 396 | Numeric (con... | 1/20 | 95% | 1 | [21.21] |
| 30. Left Hand - 4. Percentile - Unit - 396 | Text/Categor... | 20/20 | 0% | 1 | ['%', '%', '%'] |

## G2. Chair Stand Test

Variables: 2 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 31. Number of times reached full standing - 416 | Numeric (con... | 20/20 | 0% | 18 | [18.0, 28.0, 30.0] |
| 51. Chair stand test score - 432 | Categorical ... | 20/20 | 0% | 3 | [4, 4, 4] |

## G3. Walking Distance Test

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 33. Distance - Unit - 401 | Text/Categor... | 20/20 | 0% | 1 | ['meters', 'meters', 'meters'] |

## G4. Gait Speed Test

Variables: 7 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 35. Time to pass 10 meters - 402 | Numeric (con... | 20/20 | 0% | 38 | [8.83, 7.71, 7.65] |
| 35. Time to pass 10 meters - Unit - 402 | Text/Categor... | 20/20 | 0% | 1 | ['seconds', 'seconds', 'seconds'] |
| 37. Time to pass 10 meters - 406 | Numeric (con... | 20/20 | 0% | 34 | [6.95, 9.57, 7.23] |
| 37. Time to pass 10 meters - Unit - 406 | Text/Categor... | 20/20 | 0% | 1 | ['seconds', 'seconds', 'seconds'] |
| 39. Time to pass 10 meters - 410 | Numeric (con... | 20/20 | 0% | 37 | [7.89, 8.64, 7.44] |
| 39. Time to pass 10 meters - Unit - 410 | Text/Categor... | 20/20 | 0% | 1 | ['seconds', 'seconds', 'seconds'] |
| 50. Gait speed test score - 431 | Categorical ... | 20/20 | 0% | 4 | [3, 4, 4] |

## G5. Timed Up and Go (TUG) Test

Variables: 2 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 42. Time up & go test score - 415 | Numeric (con... | 20/20 | 0% | 36 | [8.04, 6.59, 6.93] |
| 42. Time up & go test score - Unit - 415 | Text/Categor... | 20/20 | 0% | 1 | ['seconds', 'seconds', 'seconds'] |

## G6. Four Square Step Test (FSST)

Variables: 2 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 44. FSST - 417 | Numeric (con... | 20/20 | 0% | 38 | [7.63, 8.4, 7.06] |
| 44. FSST - Unit - 417 | Text/Categor... | 20/20 | 0% | 1 | ['seconds', 'seconds', 'seconds'] |

## G7. Balance Test

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 49. Balance test score - 430 | Categorical ... | 20/20 | 0% | 3 | [4, 4, 4] |

## G8. Short Physical Performance Battery (SPPB)

Variables: 1 | Avg Missingness: 0.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 52. Automatic calculation of SPPB scores - 433 | Categorical ... | 20/20 | 0% | 4 | [11, 12, 12] |

## G9. Test Conditions/Limitations

Variables: 1 | Avg Missingness: 65.0%

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable Name** | **Data Type** | **Patients w/ Data** | **% Miss** | **Unique** | **Sample Values** |
| 53. Is there anything that can affect the results of the test? - 1. If yes - 425 | Text/Categor... | 7/20 | 65% | 11 | ['Reports fatigue and tiredness, possibly as part of the medication... |

# 9. Variables Requiring Further Review

**Total: 75 variables**Average missingness: 26.6%  
  
These variables may include event tracking, adverse events, or require domain expertise for proper categorization.

# Appendix: Summary Statistics

## Variables with Complete Data

**156 variables have data from all 20 patients**• Client ID  
• Client Name  
• Org ID  
• 6. Medication (ATC Codes) - L00 Antineoplastic and Immunomodulating Ag  
• Age  
• Gender  
• 10. Phone number - undefined  
• 11. Marital status - 226  
• 12. Lives with - 227  
• 13. Living facilities - Apartment - 228  
• 13. Living facilities - Elevator - 228  
• 13. Living facilities - Private house - 228  
• 13. Living facilities - Stairs - 228  
• 16. Educational Degree - 231  
• 18. Do you work? - 233  
• 19. Did you work in the past? - 234  
• 14. Do you drive - 229  
• 22. Dominant hand - 237  
• Visit Date  
• Visit No  
• Visit Tag  
• Visit Type  
• 1. Participants study number - 8  
• 1. Participants study number - 8.1  
• 1. Participants study number - 8.2  
• 1. Participants study number - 8.3  
• 1. Participants study number - 8.4  
• 1. Participants study number - 8.5  
• 3. Which study is the participant part of? - 780 in elderly - 219  
• 3. Which study is the participant part of? - BIRAX - 219  
• 3. Which study is the participant part of? - Regeneron - 219  
• 4. Location of visit - 220  
• 5. Visit number - 221  
• 6. Consent form signed - 222  
• Raw DSS Score  
• DSST Score  
• 7. Health maintenance organization - 223  
• 4. Hospitalization in the past year? - 442  
• 5. Medical history (ICD9 Codes) - 001-139 Infectious and Parasitic dis  
• 5. Medical history (ICD9 Codes) - 140-239 Neoplasms - 251

## Variables with High Missingness (>75%)

**159 variables**• 2. Date of birth - 392 (100%)  
• 2. Date of birth - 392.1 (100%)  
• 2. Date of birth - 392.2 (100%)  
• 2. Date of birth - 392.3 (100%)  
• 2. Date of birth - 392.4 (100%)  
• Adverse events FINAL (100%)  
• Body composition FINAL (100%)  
• Personal Information FINAL (100%)  
• Physical Health Agility FINAL (100%)  
• Physician evaluation FINAL (100%)  
• 1. Drug Injection - 1. Dose - 504 (100%)  
• 1. Drug Injection - 2. - 504 (100%)  
• 1. Drug Injection - 3. Date - 504 (100%)  
• 10. Exercise Session 3 - 0. - 508 (100%)  
• 10. Exercise Session 3 - 1. Date - 508 (100%)  
• 10. Exercise Session 3 - 2. Duration - 508 (100%)  
• 10. Exercise Session 3 - 3. Type - 508 (100%)  
• 10. Exercise Session 3 - 4. Intensity - 508 (100%)  
• 11. Exercise Session 4 - 0. - 509 (100%)  
• 11. Exercise Session 4 - 1. Date - 509 (100%)  
• 11. Exercise Session 4 - 2. Duration - 509 (100%)  
• 11. Exercise Session 4 - 3. Type - 509 (100%)  
• 11. Exercise Session 4 - 4. Intensity - 509 (100%)  
• 6. Number of weekly recommended study exercise sessions - 539 (100%)  
• 7. How many study exercise sessions did you participate in during the (100%)  
• 8. Exercise Session 1 - 0. - 506 (100%)  
• 8. Exercise Session 1 - 1. Date - 506 (100%)  
• 8. Exercise Session 1 - 2. Duration - 506 (100%)  
• 8. Exercise Session 1 - 3. Type - 506 (100%)  
• 8. Exercise Session 1 - 4. Intensity - 506 (100%)  
• 9. Exercise Session 2 - 0. - 507 (100%)  
• 9. Exercise Session 2 - 1. Date - 507 (100%)  
• 9. Exercise Session 2 - 2. Duration - 507 (100%)  
• 9. Exercise Session 2 - 3. Type - 507 (100%)  
• 9. Exercise Session 2 - 4. Intensity - 507 (100%)  
• 33. Stairs - did you require help? - 1. Stairs- Help required - 162 (100%)  
• 38. Get up - Do you require help? - 1. Get up - Help required - 172 (100%)  
• 35. Walk - did you require help? - 2. Other - 166 (100%)  
• 33. Stairs - did you require help? - 2. Other - 162 (100%)  
• 38. Get up - Do you require help? - 2. Other - 172 (100%)

*— End of Data Dictionary —*