

## Appendix D

### Cycle 27 Interrater Reliability Coefficients

Explanation of Column Titles:

|             |                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------|
| Occupation: | Occupation title – The IDI code associated with each title is also shown.                                    |
| Importance  | Reliability coefficient representing consistency of importance ratings across abilities for each occupation. |
| Level       | Reliability coefficient representing consistency of level ratings across abilities for each occupation.      |

| IDI Code   | Occupation Title                                              | Importance | Level |
|------------|---------------------------------------------------------------|------------|-------|
| 00008.04.1 | Advertising and Promotions Managers                           | 0.99       | 0.99  |
| 00010.04.1 | Marketing Managers                                            | 0.99       | 0.99  |
| 01713.01.1 | Public Relations Managers                                     | 0.98       | 0.98  |
| 00001.04.1 | Treasurers and Controllers                                    | 0.99       | 0.99  |
| 01183.04.1 | Education and Childcare Administrators, Preschool and Daycare | 0.99       | 0.99  |
| 01184.04.1 | Education Administrators, Kindergarten through Secondary      | 0.99       | 1.00  |
| 01717.01.1 | Entertainment and Recreation Managers, Except Gambling        | 0.98       | 0.99  |
| 00023.04.1 | Property, Real Estate, and Community Association Managers     | 0.99       | 0.99  |
| 01666.02.1 | Spa Managers                                                  | 0.98       | 0.99  |
| 00058.03.1 | Buyers and Purchasing Agents, Farm Products                   | 0.98       | 0.99  |
| 00057.04.1 | Wholesale and Retail Buyers, Except Farm Products             | 0.98       | 0.99  |
| 01557.03.1 | Regulatory Affairs Specialists                                | 0.99       | 0.99  |
| 01562.03.1 | Customs Brokers                                               | 0.99       | 0.99  |
| 01391.02.1 | Farm Labor Contractors                                        | 0.95       | 0.95  |
| 01719.01.1 | Project Management Specialists                                | 0.98       | 0.98  |
| 00208.04.1 | Market Research Analysts and Marketing Specialists            | 0.99       | 0.99  |
| 01195.01.1 | Accountants and Auditors                                      | 0.98       | 0.99  |
| 01689.03.1 | Credit Counselors                                             | 0.99       | 0.99  |
| 01568.04.1 | Fraud Examiners, Investigators and Analysts                   | 0.99       | 0.99  |
| 01570.03.1 | Telecommunications Engineering Specialists                    | 0.98       | 0.98  |
| 01203.04.1 | Network and Computer Systems Administrators                   | 0.99       | 0.99  |
| 01725.01.1 | Web and Digital Interface Designers                           | 0.98       | 0.98  |
| 01726.01.1 | Geographic Information Systems Technologists and Technicians  | 0.97       | 0.98  |
| 01727.01.1 | Penetration Testers                                           | 0.98       | 0.98  |
| 01729.01.1 | Digital Forensics Analysts                                    | 0.97       | 0.98  |
| 01730.01.1 | Blockchain Engineers                                          | 0.98       | 0.97  |
| 00201.05.1 | Actuaries                                                     | 0.99       | 1.00  |
| 01731.01.1 | Data Scientists                                               | 0.98       | 0.99  |
| 00123.05.1 | Architects, Except Landscape and Naval                        | 0.99       | 0.99  |

| IDI Code   | Occupation Title                                                    | Importance | Level |
|------------|---------------------------------------------------------------------|------------|-------|
| 00101.04.1 | Aerospace Engineers                                                 | 0.99       | 1.00  |
| 00105.04.1 | Materials Engineers                                                 | 0.99       | 0.99  |
| 01591.03.1 | Energy Engineers, Except Wind and Solar                             | 0.99       | 0.99  |
| 01212.01.1 | Architectural and Civil Drafters                                    | 0.97       | 0.98  |
| 00137.04.1 | Mechanical Drafters                                                 | 0.99       | 0.99  |
| 01215.01.1 | Electrical and Electronic Engineering Technologists and Technicians | 0.94       | 0.94  |
| 00132.04.1 | Industrial Engineering Technologists and Technicians                | 0.98       | 0.99  |
| 01218.01.1 | Surveying and Mapping Technicians                                   | 0.93       | 0.95  |
| 00173.05.1 | Zoologists and Wildlife Biologists                                  | 0.99       | 0.99  |
| 01614.02.1 | Bioinformatics Scientists                                           | 0.99       | 0.99  |
| 00160.03.1 | Range Managers                                                      | 0.98       | 0.98  |
| 00161.04.1 | Park Naturalists                                                    | 0.98       | 0.99  |
| 00157.04.1 | Foresters                                                           | 0.98       | 0.97  |
| 00148.03.1 | Physicists                                                          | 0.99       | 1.00  |
| 01226.04.1 | Geoscientists, Except Hydrologists and Geographers                  | 0.98       | 0.99  |
| 00153.04.1 | Hydrologists                                                        | 0.99       | 0.99  |
| 00212.04.1 | School Psychologists                                                | 0.99       | 0.99  |
| 01235.04.1 | Biological Technicians                                              | 0.98       | 0.99  |
| 01241.05.1 | Substance Abuse and Behavioral Disorder Counselors                  | 0.98       | 0.99  |
| 01242.04.1 | Marriage and Family Therapists                                      | 0.99       | 1.00  |
| 01244.04.1 | Rehabilitation Counselors                                           | 0.99       | 0.99  |
| 01692.02.1 | Community Health Workers                                            | 0.98       | 0.98  |
| 01251.04.1 | Administrative Law Judges, Adjudicators, and Hearing Officers       | 0.99       | 0.99  |
| 01254.03.1 | Title Examiners, Abstractors, and Searchers                         | 0.99       | 0.99  |
| 01274.04.1 | Law Teachers, Postsecondary                                         | 0.99       | 1.00  |
| 01276.04.1 | Communications Teachers, Postsecondary                              | 0.99       | 1.00  |
| 01285.04.1 | Career/Technical Education Teachers, Middle School                  | 0.99       | 0.99  |
| 01694.02.1 | Special Education Teachers, Preschool                               | 0.99       | 0.99  |
| 01738.01.1 | Special Education Teachers, Kindergarten                            | 0.97       | 0.97  |
| 01289.04.1 | Special Education Teachers, Middle School                           | 0.99       | 0.99  |

| IDI Code   | Occupation Title                                | Importance | Level |
|------------|-------------------------------------------------|------------|-------|
| 01627.03.1 | Adapted Physical Education Specialists          | 0.98       | 0.99  |
| 00278.04.1 | Museum Technicians and Conservators             | 0.97       | 0.98  |
| 01741.01.1 | Librarians and Media Collections Specialists    | 0.99       | 0.99  |
| 00376.03.1 | Floral Designers                                | 0.98       | 0.99  |
| 00387.03.1 | Actors                                          | 0.98       | 0.98  |
| 01745.01.1 | Disc Jockeys, Except Radio                      | 0.92       | 0.93  |
| 01746.01.1 | News Analysts, Reporters, and Journalists       | 0.97       | 0.97  |
| 00346.04.1 | Editors                                         | 0.99       | 0.99  |
| 01306.01.1 | Writers and Authors                             | 0.99       | 0.99  |
| 01253.04.1 | Court Reporters and Simultaneous Captioners     | 0.98       | 0.99  |
| 00363.04.1 | Broadcast Technicians                           | 0.97       | 0.98  |
| 00299.04.1 | Chiropractors                                   | 0.98       | 0.99  |
| 00293.04.1 | Dentists, General                               | 0.98       | 0.99  |
| 00296.03.2 | Oral and Maxillofacial Surgeons                 | 0.99       | 0.99  |
| 00318.05.1 | Pharmacists                                     | 0.99       | 0.99  |
| 01642.02.2 | Anesthesiologist Assistants                     | 0.97       | 0.98  |
| 00304.04.1 | Respiratory Therapists                          | 0.97       | 0.98  |
| 01699.03.1 | Exercise Physiologists                          | 0.99       | 0.99  |
| 01697.03.1 | Art Therapists                                  | 0.99       | 0.99  |
| 00289.03.1 | Anesthesiologists                               | 0.99       | 0.99  |
| 00288.04.1 | Psychiatrists                                   | 0.99       | 0.99  |
| 01637.02.2 | Physical Medicine and Rehabilitation Physicians | 0.99       | 0.99  |
| 01640.02.2 | Sports Medicine Physicians                      | 0.98       | 0.99  |
| 01651.04.1 | Orthoptists                                     | 0.99       | 0.99  |
| 01652.04.1 | Cytogenetic Technologists                       | 0.99       | 0.99  |
| 00323.04.1 | Medical and Clinical Laboratory Technicians     | 0.98       | 0.99  |
| 01321.04.1 | Diagnostic Medical Sonographers                 | 0.98       | 0.98  |
| 01322.01.1 | Radiologic Technologists and Technicians        | 0.97       | 0.98  |
| 01757.01.1 | Paramedics                                      | 0.92       | 0.89  |
| 00333.04.1 | Surgical Technologists                          | 0.98       | 0.98  |
| 01758.01.1 | Medical Records Specialists                     | 0.96       | 0.97  |
| 01670.03.1 | Patient Representatives                         | 0.99       | 0.99  |
| 01660.03.1 | Genetic Counselors                              | 0.99       | 1.00  |
| 00587.04.1 | Home Health Aides                               | 0.98       | 0.99  |

| IDI Code   | Occupation Title                                                                                 | Importance | Level |
|------------|--------------------------------------------------------------------------------------------------|------------|-------|
| 01332.05.1 | Massage Therapists                                                                               | 0.98       | 0.98  |
| 01706.03.1 | Phlebotomists                                                                                    | 0.97       | 0.98  |
| 01337.01.1 | First-Line Supervisors of Firefighting and Prevention Workers                                    | 0.96       | 0.96  |
| 01339.01.1 | Firefighters                                                                                     | 0.92       | 0.93  |
| 01341.01.1 | Detectives and Criminal Investigators                                                            | 0.96       | 0.97  |
| 00559.03.1 | Fish and Game Wardens                                                                            | 0.97       | 0.98  |
| 00551.03.1 | Parking Enforcement Workers                                                                      | 0.93       | 0.93  |
| 01342.01.1 | Police and Sheriff's Patrol Officers                                                             | 0.96       | 0.97  |
| 01761.01.1 | School Bus Monitors                                                                              | 0.92       | 0.88  |
| 00577.04.1 | Cooks, Fast Food                                                                                 | 0.95       | 0.95  |
| 01665.02.1 | Baristas                                                                                         | 0.95       | 0.96  |
| 00653.03.1 | Landscaping and Groundskeeping Workers                                                           | 0.93       | 0.95  |
| 00652.03.1 | Pesticide Handlers, Sprayers, and Applicators, Vegetation                                        | 0.95       | 0.96  |
| 01764.01.1 | First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services         | 0.96       | 0.97  |
| 00610.03.1 | Ushers, Lobby Attendants, and Ticket Takers                                                      | 0.96       | 0.98  |
| 00620.03.1 | Locker Room, Coatroom, and Dressing Room Attendants                                              | 0.96       | 0.97  |
| 00601.03.1 | Barbers                                                                                          | 0.98       | 0.99  |
| 00424.04.1 | Advertising Sales Agents                                                                         | 0.99       | 0.99  |
| 01766.01.1 | Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel | 0.97       | 0.98  |
| 01369.03.1 | Real Estate Brokers                                                                              | 0.99       | 0.99  |
| 00417.04.1 | Real Estate Sales Agents                                                                         | 0.98       | 0.99  |
| 01376.01.1 | Billing and Posting Clerks                                                                       | 0.99       | 0.99  |
| 01378.01.1 | Court, Municipal, and License Clerks                                                             | 0.99       | 0.99  |
| 00519.03.1 | Meter Readers, Utilities                                                                         | 0.94       | 0.94  |
| 00483.03.1 | Word Processors and Typists                                                                      | 0.98       | 0.99  |
| 00630.02.1 | Fallers                                                                                          | 0.95       | 0.96  |
| 00787.03.1 | Tapers                                                                                           | 0.93       | 0.94  |
| 00816.03.1 | Roofers                                                                                          | 0.95       | 0.95  |
| 00818.03.1 | Structural Iron and Steel Workers                                                                | 0.97       | 0.98  |
| 01405.02.1 | Helpers--Roofers                                                                                 | 0.95       | 0.95  |

| IDI Code   | Occupation Title                                                                                          | Importance | Level |
|------------|-----------------------------------------------------------------------------------------------------------|------------|-------|
| 01407.03.1 | Hazardous Materials Removal Workers                                                                       | 0.93       | 0.94  |
| 00812.03.1 | Rail-Track Laying and Maintenance Equipment Operators                                                     | 0.95       | 0.97  |
| 01414.03.1 | Telecommunications Equipment Installers and Repairers, Except Line Installers                             | 0.96       | 0.96  |
| 01420.01.1 | Automotive Service Technicians and Mechanics                                                              | 0.95       | 0.96  |
| 00767.03.1 | Bicycle Repairers                                                                                         | 0.96       | 0.98  |
| 00768.03.1 | Tire Repairers and Changers                                                                               | 0.94       | 0.96  |
| 00760.03.1 | Mechanical Door Repairers                                                                                 | 0.93       | 0.93  |
| 01423.01.1 | Heating, Air Conditioning, and Refrigeration Mechanics and Installers                                     | 0.96       | 0.97  |
| 00728.03.1 | Telecommunications Line Installers and Repairers                                                          | 0.93       | 0.95  |
| 00777.03.1 | Commercial Divers                                                                                         | 0.97       | 0.97  |
| 01046.03.1 | Electrical and Electronic Equipment Assemblers                                                            | 0.98       | 0.98  |
| 01434.03.1 | Bakers                                                                                                    | 0.98       | 0.98  |
| 00946.03.1 | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic                          | 0.95       | 0.95  |
| 00948.03.1 | Forging Machine Setters, Operators, and Tenders, Metal and Plastic                                        | 0.95       | 0.95  |
| 01437.03.1 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 0.97       | 0.98  |
| 00853.03.1 | Patternmakers, Metal and Plastic                                                                          | 0.97       | 0.98  |
| 00851.03.1 | Tool Grinders, Filers, and Sharpeners                                                                     | 0.97       | 0.98  |
| 01448.03.1 | Laundry and Dry-Cleaning Workers                                                                          | 0.94       | 0.96  |
| 00869.03.1 | Cabinetmakers and Bench Carpenters                                                                        | 0.97       | 0.98  |
| 01088.03.1 | Chemical Plant and System Operators                                                                       | 0.97       | 0.98  |
| 01467.03.1 | Chemical Equipment Operators and Tenders                                                                  | 0.96       | 0.98  |
| 01470.03.1 | Cutting and Slicing Machine Setters, Operators, and Tenders                                               | 0.96       | 0.98  |
| 00932.02.1 | Gem and Diamond Workers                                                                                   | 0.98       | 0.99  |
| 00931.03.1 | Medical Appliance Technicians                                                                             | 0.98       | 0.98  |
| 00912.03.2 | Glass Blowers, Molders, Benders, and Finishers                                                            | 0.96       | 0.98  |
| 01479.03.1 | Helpers--Production Workers                                                                               | 0.95       | 0.97  |
| 01768.01.1 | First-Line Supervisors of Passenger Attendants                                                            | 0.94       | 0.95  |
| 00591.03.1 | Ambulance Drivers and Attendants, Except Emergency Medical Technicians                                    | 0.95       | 0.96  |

| <b>IDI Code</b> | <b>Occupation Title</b>                                            | <b>Importance</b> | <b>Level</b> |
|-----------------|--------------------------------------------------------------------|-------------------|--------------|
| 01107.03.1      | Locomotive Engineers                                               | 0.97              | 0.98         |
| 01773.01.1      | Railroad Brake, Signal, and Switch Operators and Locomotive Firers | 0.88              | 0.86         |
| 01489.03.1      | Sailors and Marine Oilers                                          | 0.94              | 0.96         |
| 01774.01.1      | Aircraft Service Attendants                                        | 0.83              | 0.83         |
| 00613.03.1      | Passenger Attendants                                               | 0.97              | 0.98         |
| 01385.01.1      | Stockers and Order Fillers                                         | 0.95              | 0.96         |