

## Appendix 1.

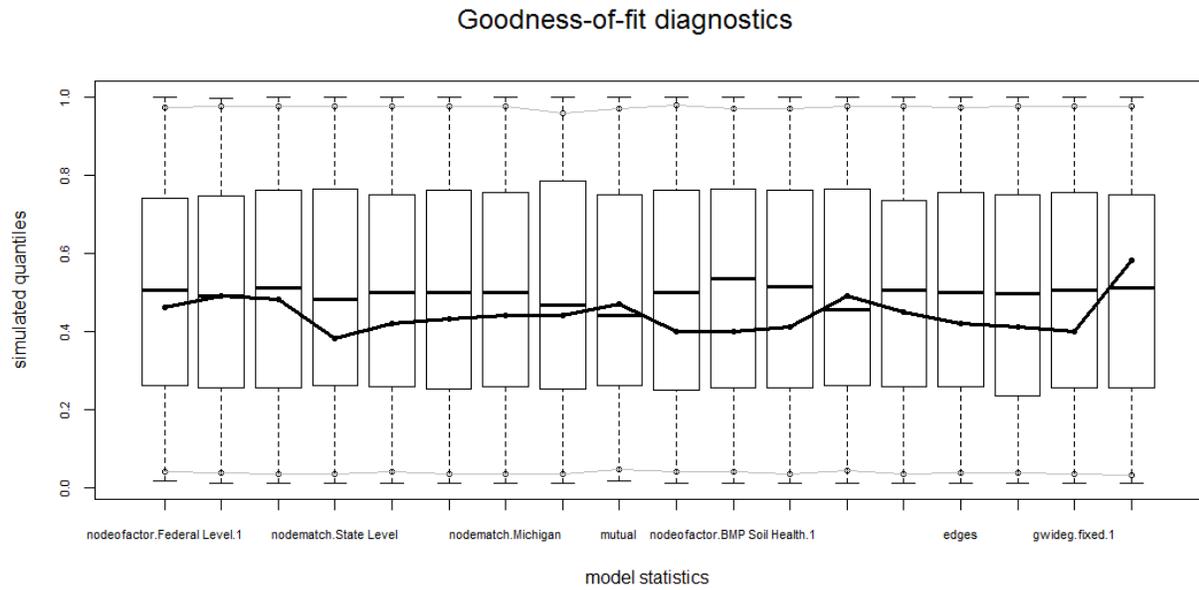
**Table A1.1. Actors' Full Names**

| ID | FULL NAME   |
|----|---|
| 1  | Adams County (IN) Soil and Water Conservation District  |
| 2  | Allen County (IN) Soil and Water Conservation District  |
| 3  | Allen County (OH) Soil and Water Conservation District  |
| 4  | Agricultural Research Service (of USDA)                 |
| 5  | Auglaize County Soil and Water Conservation District    |
| 6  | Bean/Tiffin Watershed Coalition                         |
| 7  | Black Swamp Conservancy                                 |
| 8  | Blanchard River Watershed Partnership                   |
| 9  | City of Defiance  |
| 10 | City of Findlay   |
| 11 | City of Toledo  |
| 12 | City of Ft. Wayne                                       |
| 13 | Conservation Action Project                             |
| 15 | Defiance County Soil and Water Conservation District    |
| 16 | Dekalb County (IN) Soil and Water Conservation District |
| 17 | Department of Environmental Quality (Michigan)          |
| 18 | Division of Drinking and Ground Water (Ohio)            |
| 19 | Division of Surface Water (Ohio)                        |
| 20 | Farm Service Agency (USDA)                              |
| 22 | Friends of Cedar Creek                                  |
| 23 | Fulton Soil and Water Conservation District             |
| 24 | Great Lakes Commission                                  |
| 25 | Great Lakes Information Network                         |
| 26 | Great Lakes Observing System                            |
| 30 | Hancock County Soil and Water Conservation District     |
| 31 | Hardin County Soil and Water Conservation District      |
| 32 | Heidelberg University                                   |
| 34 | Henry County Soil and Water Conservation District       |
| 35 | Hillsdale (MI) Conservation District                    |
| 36 | Hoosier Riverwatch                                      |
| 37 | Indiana Department of Environmental Management          |
| 39 | Indiana Natural Resources Commission                    |
| 42 | Lenawee (MI) Conservation District                      |
| 43 | Lucas Soil and Water Conservation District              |
| 45 | Maumee River Basin Partnership of Local Governments     |
| 48 | Mercer County Soil and Water Conservation District      |
| 49 | Metroparks of the Toledo Area                           |

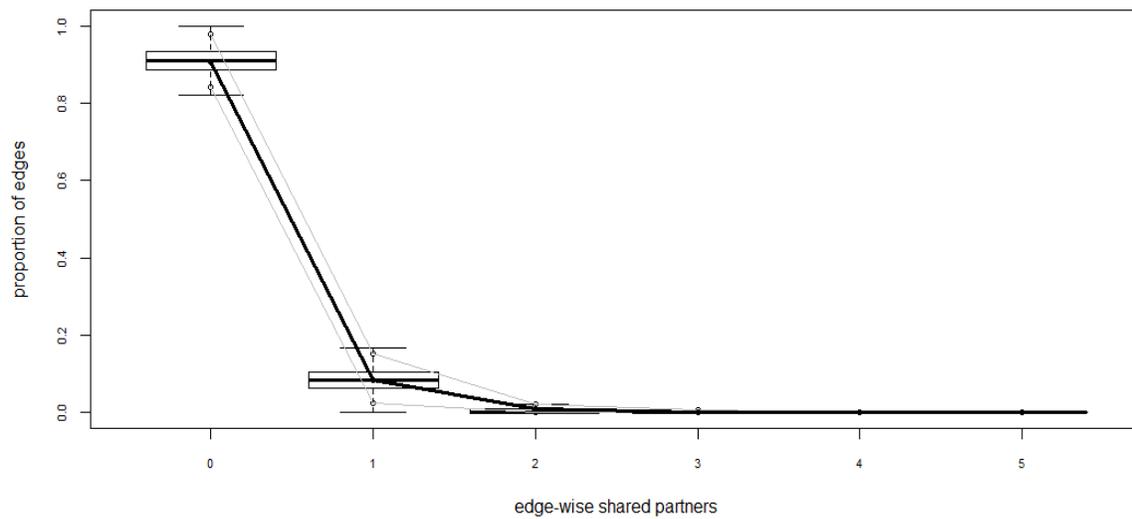
50 Michigan Association of Conservation Districts  
 National Center for Water Quality Research -- Heidelberg  
 52 University  
 53 National Oceanic and Atmospheric Administration  
 54 Natural Resources Conservation Service  
 55 Noble County (IN) Soil and Water Conservation District  
 58 Ohio Department of Natural Resources  
 59 Ohio Environmental Protection Agency  
 60 Ohio Farm Bureau  
 62 Ohio Federation of Soil and Water Conservation Districts  
 63 Ohio Water Development Authority  
 65 Ohio Watershed Coordinator Blanchard  
 66 Ohio Watershed Coordinator Upper Maumee  
 82 Ottawa River Coalition  
 84 Paulding County Soil and Water Conservation District  
 85 Purdue University  
 86 Putnam County Soil and Water Conservation District  
 89 Shelby County Soil and Water Conservation District  
 91 St. Joseph River Watershed Initiative  
 92 Steuben County (IN) Soil and Water Conservation District  
 93 The Nature Conservancy  
 94 Toledo Metropolitan Area Coalition of Governments  
 96 University of Toledo  
 98 Upper Maumee Watershed Partnership  
 99 US Army Corps of Engineers  
 100 US Environmental Protection Agency  
 101 US Fish and Wildlife Service  
 102 US Geological Survey  
 103 Van Wert County Soil and Water Conservation District  
 106 Wells County (IN) Soil and Water Conservation District  
 107 Western Lake Erie Basin Partnership  
 108 Williams County Soil and Water Conservation District  
 109 Wood County Soil and Water Conservation District  
 110 Indiana Department of Natural Resources  
 Indiana Association of Soil and Water Conservation  
 112 Districts  
 113 Project WET (Water Education for Teachers)  
 114 US Department of Agriculture  
 115 Tri-State Watershed Alliance  
 116 Indiana State Department of Agriculture  
 117 National Association of Conservation Districts  
 120 National Association of State Conservation Agencies  
 122 National Watershed Coalition  
 Michigan Department of Agriculture and Rural  
 123 Development

|     |   |
|-----|---|
| 124 | Ohio Soil and Water Conservation Commission |
| 125 | City of Lima                                |
| 128 | Ohio Office of the Governor                 |
| 129 | Ohio General Assembly                       |
| 135 | Allen County                                |
| 136 | Auglaize County                             |
| 137 | Defiance County                             |
| 138 | Fulton County                               |
| 139 | Hancock County                              |
| 140 | Hardin County                               |
| 141 | Henry County                                |
| 142 | Lucas County                                |
| 143 | Mercer County                               |
| 144 | Paulding County                             |
| 145 | Putnam County                               |
| 146 | Shelby County                               |
| 147 | Van Wert County                             |
| 148 | Williams County                             |
| 149 | Wood County                                 |
| 150 | National Corn Growers Association           |
| 152 | US Forest Service                           |
| 153 | Ohio State University                       |
| 154 | City of Perrysburg                          |
| 155 | City of New Haven                           |
| 156 | City of Hillsdale                           |
| 157 | City of Bowling Green                       |
| 158 | Town of Leo-Cedarville                      |
| 159 | Village of Paulding                         |
| 160 | Ohio State University Extension             |
| 161 | Ohio Water Resources Center                 |
| 162 | Kent State University                       |
| 163 | St. Marys River Watershed Project           |
| 164 | Lake Erie Center                            |
| 165 | Adams County (IN)                           |
| 166 | Allen County (IN)                           |
| 167 | Dekalb County (IN)                          |
| 168 | Noble County (IN)                           |
| 169 | Steuben County (IN)                         |
| 170 | Wells County (IN)                           |
| 171 | Hillsdale County (MI)                       |
| 172 | Lenawee County (MI)                         |

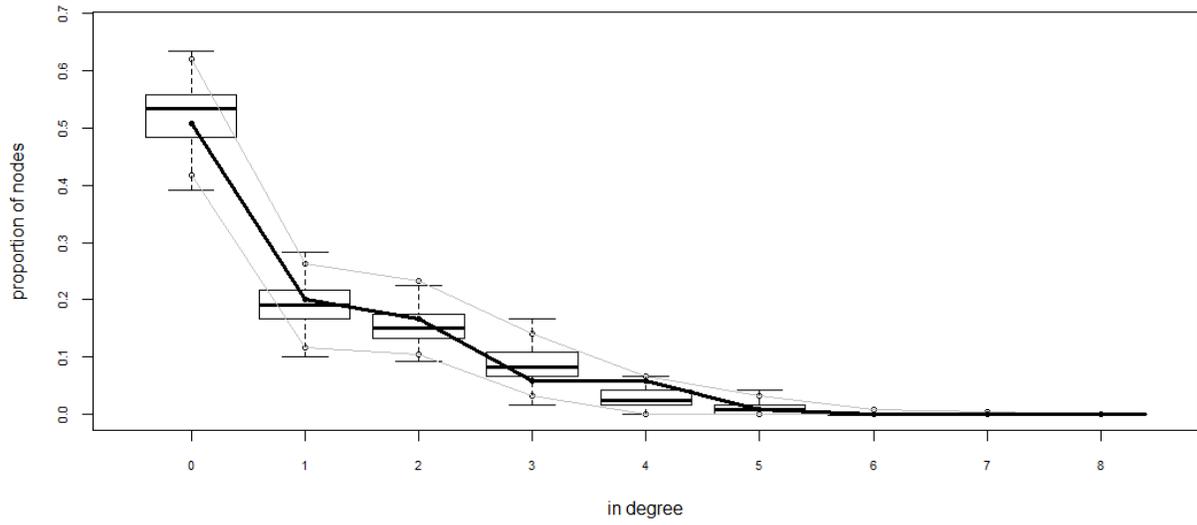
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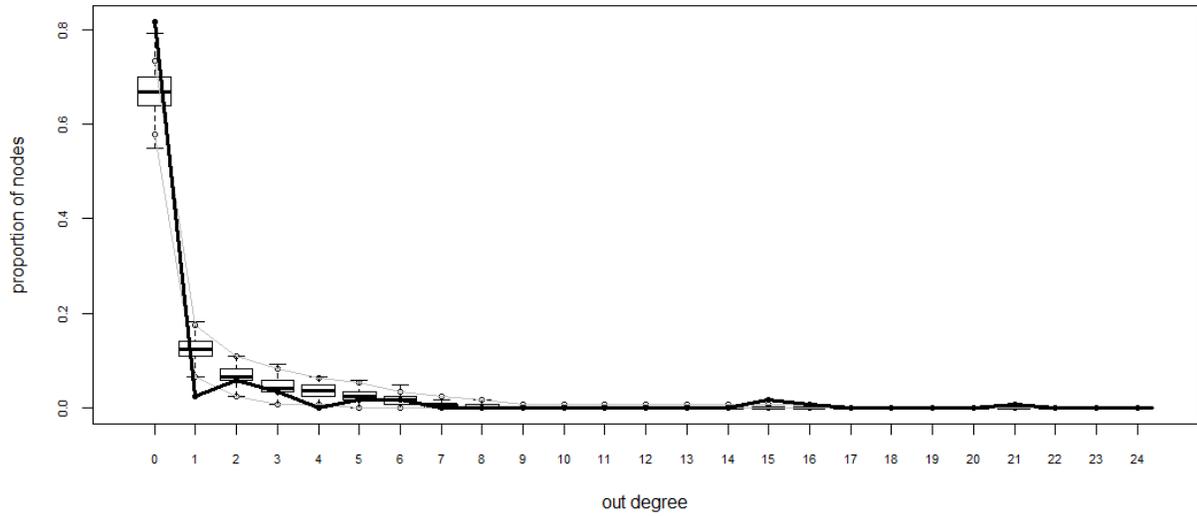
**Figure A1.1. Diagnostics for Model Statistics**



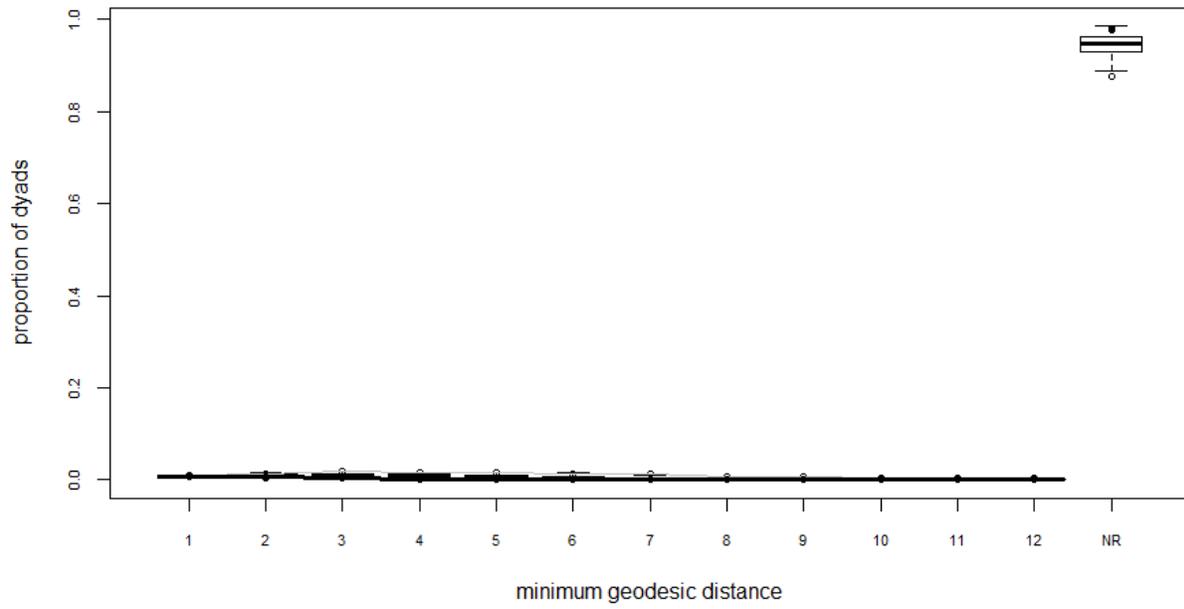
**Figure A1.2 Goodness of Fit Diagnostics for Edge-Wise Shared Partners**



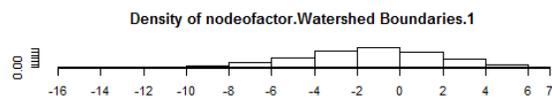
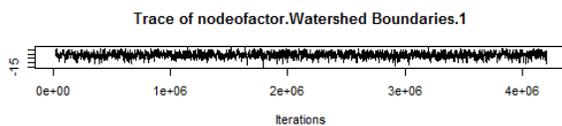
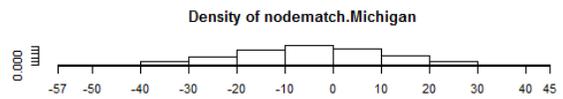
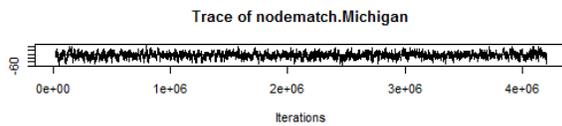
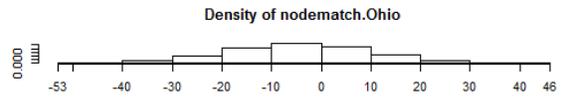
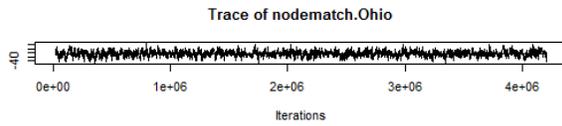
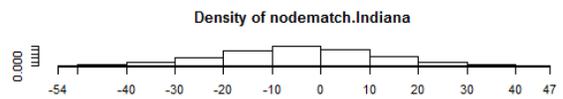
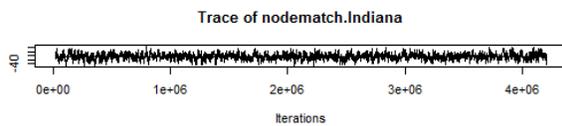
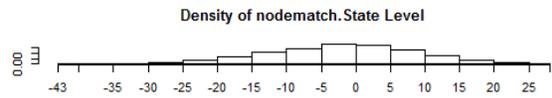
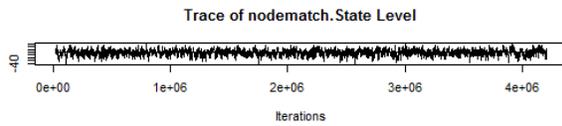
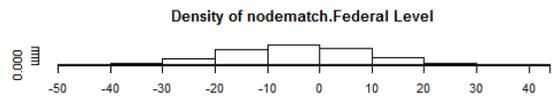
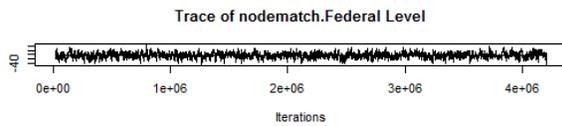
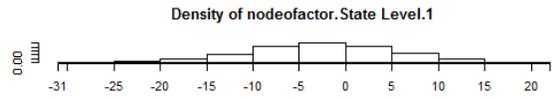
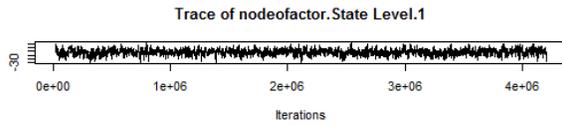
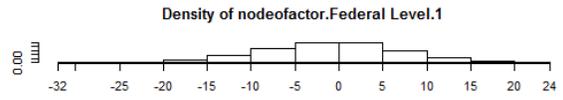
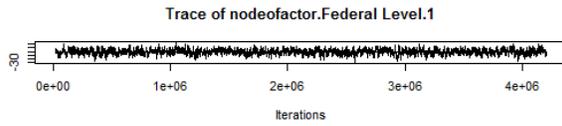
**Figure A1.3. Goodness of Fit Diagnostics for Indegree Distribution**

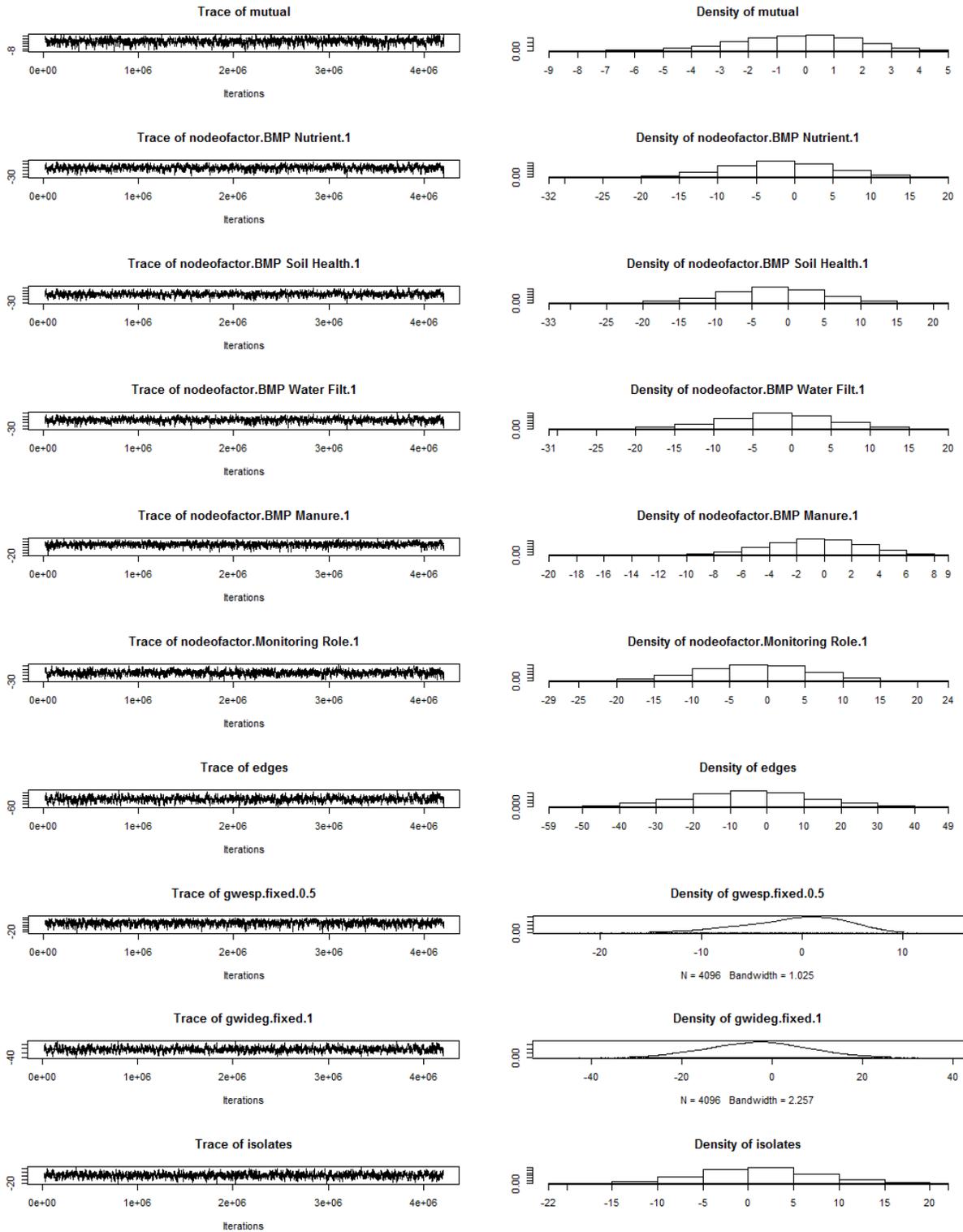


**Figure A1.4. Goodness of Fit Diagnostics for Outdegree Distribution**



**Figure A1.5. Goodness of Fit Diagnostics for Minimum Geodesic Distance**





**Figure A1.6. MCMC Chains for Modeled Statistics (normally distributed chains indicate proper model specification)**