Correlation Matrix

| | Correlation Matrix 1 0.029 0.028 -0.061 -0.016 0.02 0.0073 -0.01 -0.023 0.049 -0.019 -0.015 -0.0057 -0.0088 -0.04 0.004 -0.0053 -0.0045 0.0039 0.0036 0.0068 -0.0031 -0.0042 0.0055 0.012 0.039 -0.039 0.009 0.028 -0.0095 0.014 -0.019 -0.0055 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|---------|---------|--------------|---------|---------|------------------|---------------|-----------|------------|-----------------------------------|---------------------|----------|----------|----------|------------|----------|-----------|---------------|---------------|---------------|------------------------|---------|--------------------|----------------|-------------------|---------|---------|--------------|------------------|------------------------|-------------|----------|
| Age - | 1 | 0.029 | 0.028 | -0.061 | -0.016 | 0.02 | 0.0073 | -0.01 | -0.023 | 0.049 | -0.019 | -0.015 | -0.0057 | -0.0088 | -0.04 | 0.004 | -0.0053 | -0.0045 | 0.00039 | 0.0036 | 0.0068 | -0.0031 | -0.0042 | 0.0055 | 0.012 | 0.039 | -0.039 | 0.009 | 0.028 | -0.0095 | 0.014 | -0.019 | -0.0055 |
| Gender- | 0.029 | 1 | -0.0037 | -0.0071 | 0.0059 | 0.017 | 0.0043 | -0.036 | 0.011 | 0.0073 | 0.018 | 0.035 | -0.018 | 0.018 | 0.004 | -0.0026 | 0.012 | -0.026 | -0.0096 | 0.016 | -0.0058 | -0.012 | 0.025 | 0.033 | 0.0039 | 0.0061 | 0.0039 | -0.031 | 0.018 | 0.026 | -0.0016 | -0.029 | -0.021 |
| Ethnicity - | 0.028 | -0.0037 | 1 | 0.027 | -0.0032 | 0.031 | 0.0084 | 0.02 | -0.018 | 0.029 | 0.023 | 0.0023 | -0.02 | -0.0054 | -0.0094 | 0.013 | -0.027 | 0.01 | -0.012 | 0.0079 | -0.022 | -0.0072 | -0.013 | -0.0047 | 0.0037 | -0.019 | 0.01 | 0.022 | -0.018 | -0.03 | 0.019 | -0.035 | -0.015 |
| EducationLevel | -0.061 | -0.0071 | 0.027 | 1 | -0.024 | -0.0099 | -0.013 | -0.017 | 0.017 | 0.02 | 0.033 | 0.0075 | 0.0031 | 0.028 | -0.009 | -0.017 | -0.017 | -0.0026 | -0.042 | 0.051 | -0.0081 | -0.026 | 0.026 | 0.02 | -0.00017 | 0.01 | 0.032 | -0.0082 | -0.018 | -0.02 | 0.013 | -0.0087 | -0.044 |
| BMI | -0.016 | 0.0059 | -0.0032 | -0.024 | 1 | 0.02 | -0.009 | 0.00074 | 0.02 | -0.006 | 0.0064 | -0.0055 | -0.009 | -0.013 | 0.016 | 0.0049 | -0.019 | -0.0025 | 0.0011 | 0.024 | 0.039 | -0.018 | -0.0035 | -0.031 | 0.029 | 0.035 | -0.0098 | -0.016 | -0.032 | -0.016 | -0.039 | 0.071 | 0.026 |
| Smoking - | 0.02 | 0.017 | 0.031 | -0.0099 | 0.02 | 1 | 0.0084 | 0.011 | -0.002 | -0.0011 | -0.046 | 0.028 | -0.036 | -0.039 | -0.019 | -0.021 | -0.024 | -0.014 | -0.011 | -0.0074 | -0.026 | -0.021 | 0.0021 | -0.032 | 0.02 | -0.015 | -0.029 | 0.0045 | -0.028 | -0.01 | 0.0017 | 0.018 | -0.0049 |
| AlcoholConsumption - 0 | 0.0073 | 0.0043 | 0.0084 | -0.013 | -0.009 | 0.0084 | 1 | 0.022 | 0.02 | -0.0039 | -0.0037 | -0.024 | 7.3e-05 | 0.0089 | -0.0083 | -0.006 | -0.03 | -0.0089 | -0.034 | -0.017 | -0.0019 | 0.023 | -0.011 | -0.016 | -0.029 | 0.014 | -0.0083 | -0.033 | 0.016 | 0.019 | -0.0027 | -0.024 | -0.0076 |
| PhysicalActivity - | -0.01 | -0.036 | 0.02 | -0.017 | 0.00074 | 0.011 | 0.022 | 1 | 0.011 | -0.0018 | -0.014 | 0.004 | 0.03 | -0.014 | 0.026 | 0.022 | -0.0048 | -0.011 | 0.014 | 0.018 | -0.002 | 0.027 | -0.0083 | -0.0024 | 0.0087 | -0.014 | -0.013 | -0.0094 | -0.02 | -0.014 | 0.031 | 0.0098 | 0.0059 |
| DietQuality | -0.023 | 0.011 | -0.018 | 0.017 | 0.02 | -0.002 | 0.02 | 0.011 | 1 | 0.051 | -0.011 | -0.015 | 0.0092 | -0.0025 | -0.0082 | -0.044 | 0.006 | 0.0095 | -0.017 | -0.024 | -0.0087 | 0.035 | 0.022 | -0.0097 | 0.013 | -0.014 | -0.0079 | 0.0026 | -0.026 | 0.029 | 0.046 | 0.0062 | 0.0085 |
| SleepQuality - | 0.049 | 0.0073 | 0.029 | 0.02 | -0.006 | -0.0011 | -0.0039 | -0.0018 | 0.051 | 1 | 0.015 | 0.0021 | 0.024 | -0.023 | -0.0045 | 0.039 | -0.028 | 0.011 | 0.0069 | 0.0068 | 0.015 | 0.024 | 0.013 | 0.03 | -0.017 | -0.02 | 0.015 | 0.014 | 0.019 | -0.017 | 0.011 | 0.0029 | -0.057 |
| FamilyHistoryAlzheimers | -0.019 | 0.018 | 0.023 | 0.033 | 0.0064 | -0.046 | -0.0037 | -0.014 | -0.011 | 0.015 | 1 | 0.021 | -0.023 | 0.0008 | -0.019 | 0.013 | 0.0065 | 0.0061 | 0.0071 | -0.012 | -0.014 | 0.001 | 0.016 | -0.0047 | -0.028 | -0.024 | 0.014 | 0.018 | 0.036 | 0.0068 | 0.0088 | 0.022 | -0.033 |
| CardiovascularDisease | -0.015 | 0.035 | 0.0023 | 0.0075 | -0.0055 | 0.028 | -0.024 | 0.004 | -0.015 | 0.0021 | 0.021 | 1 | -0.01 | 0.006 | 0.0013 | -0.012 | 0.014 | -0.044 | -0.008 | 0.039 | -0.018 | -0.0013 | 0.025 | -0.041 | 0.031 | -0.017 | -0.013 | 0.018 | 0.025 | -0.032 | 0.025 | 0.01 | 0.031 |
| Diabetes | 0.0057 | -0.018 | -0.02 | 0.0031 | -0.009 | -0.036 | 7.3e-05 | 0.03 | 0.0092 | 0.024 | -0.023 | -0.01 | 1 | 0.0033 | -1.3e-05 | -0.0009 | -0.012 | 0.0034 | 0.049 | 0.015 | 0.039 | -0.045 | -0.0089 | 0.044 | -0.017 | -0.028 | 0.022 | -0.0048 | -0.0045 | 0.0042 | -0.0015 | -0.0076 | -0.032 |
| Depression | 0.0088 | 0.018 | -0.0054 | 0.028 | -0.013 | -0.039 | 0.0089 | -0.014 | -0.0025 | -0.023 | 0.0008 | 0.006 | 0.0033 | 1 | -0.0077 | 0.032 | -0.019 | -0.023 | -0.01 | -0.0048 | -0.0083 | 0.043 | 0.014 | 0.02 | -0.019 | 0.0013 | 0.0062 | 0.0016 | 0.0058 | 0.026 | -0.017 | 0.018 | -0.0059 |
| HeadInjury - | -0.04 | 0.004 | -0.0094 | -0.009 | 0.016 | -0.019 | -0.0083 | 0.026 | -0.0082 | -0.0045 | -0.019 | 0.0013 | -1.3e-05 | -0.0077 | 1 | -0.016 | 8.1e-05 | 0.01 | -0.022 | 0.027 | 0.00068 | 0.017 | 0.0061 | 0.035 | -0.021 | 0.048 | -0.017 | -0.031 | 0.033 | -0.031 | 0.011 | -2e-05 | -0.021 |
| Hypertension - | 0.004 | -0.0026 | 0.013 | -0.017 | 0.0049 | -0.021 | -0.006 | 0.022 | -0.044 | 0.039 | 0.013 | -0.012 | -0.0009 | 0.032 | -0.016 | 1 | -0.00084 | -0.043 | -0.024 | 0.014 | -0.0042 | -0.012 | 0.012 | -0.028 | -0.021 | 0.032 | -0.019 | -0.0086 | 0.034 | -0.012 | -0.0028 | 0.03 | 0.035 |
| SystolicBP 0 | 0.0053 | 0.012 | -0.027 | -0.017 | -0.019 | -0.024 | -0.03 | -0.0048 | 0.006 | -0.028 | 0.0065 | 0.014 | -0.012 | -0.019 | 8.1e-05 | -0.00084 | 1 | 0.0026 | 0.019 | -0.0073 | 0.0029 | -0.035 | -0.0035 | 0.013 | -0.0095 | -0.013 | 0.015 | 0.0084 | 0.037 | -0.012 | -0.0036 | -0.011 | -0.016 |
| DiastolicBP | 0.0045 | -0.026 | 0.01 | -0.0026 | -0.0025 | -0.014 | -0.0089 | -0.011 | 0.0095 | 0.011 | 0.0061 | -0.044 | 0.0034 | -0.023 | 0.01 | -0.043 | 0.0026 | 1 | 0.015 | -0.016 | 0.0082 | -0.0079 | -0.029 | 0.031 | -0.0061 | 0.017 | -0.0048 | -0.017 | -0.015 | 0.0015 | -0.026 | 0.0059 | 0.0053 |
| CholesterolTotal - 0. | .00039 | -0.0096 | -0.012 | -0.042 | 0.0011 | -0.011 | -0.034 | 0.014 | -0.017 | 0.0069 | 0.0071 | -0.008 | 0.049 | -0.01 | -0.022 | -0.024 | 0.019 | 0.015 | 1 | 0.01 | 0.01 | -0.002 | -0.014 | -0.0053 | 0.014 | -0.0065 | 0.00078 | 0.037 | 0.025 | -0.017 | -0.018 | -0.025 | 0.0064 |
| CholesterolLDL - 0 | 0.0036 | 0.016 | 0.0079 | 0.051 | 0.024 | -0.0074 | -0.017 | 0.018 | -0.024 | 0.0068 | -0.012 | 0.039 | 0.015 | -0.0048 | 0.027 | 0.014 | -0.0073 | -0.016 | 0.01 | 1 | -0.037 | -0.0056 | 0.025 | -0.016 | -0.0057 | -0.0029 | -0.019 | 0.021 | 0.027 | 0.016 | -0.012 | -0.00059 | -0.032 |
| CholesterolHDL - 0 | 0.0068 | -0.0058 | -0.022 | -0.0081 | 0.039 | -0.026 | -0.0019 | -0.002 | -0.0087 | 0.015 | -0.014 | -0.018 | 0.039 | -0.0083 | 0.00068 | -0.0042 | 0.0029 | 0.0082 | 0.01 | -0.037 | 1 | 0.015 | -0.0052 | -0.0034 | 0.031 | 0.027 | 0.0053 | -0.0053 | 0.021 | -0.019 | -0.057 | -0.017 | 0.043 |
| CholesterolTriglycerides | 0.0031 | -0.012 | -0.0072 | -0.026 | -0.018 | -0.021 | 0.023 | 0.027 | 0.035 | 0.024 | 0.001 | -0.0013 | -0.045 | 0.043 | 0.017 | -0.012 | -0.035 | -0.0079 | -0.002 | -0.0056 | 0.015 | 1 | -0.0076 | -0.0092 | -0.014 | 0.01 | 0.024 | -0.014 | -0.013 | -0.018 | -0.042 | 0.0035 | 0.023 |
| MMSE0 | 0.0042 | 0.025 | -0.013 | 0.026 | -0.0035 | 0.0021 | -0.011 | -0.0083 | 0.022 | 0.013 | 0.016 | 0.025 | -0.0089 | 0.014 | 0.0061 | 0.012 | -0.0035 | -0.029 | -0.014 | 0.025 | -0.0052 | -0.0076 | 1 | 0.025 | 0.0077 | 0.025 | 0.0034 | 0.0038 | 0.037 | 0.034 | 0.0033 | 0.012 | -0.24 |
| FunctionalAssessment - 0 | 0.0055 | 0.033 | -0.0047 | 0.02 | -0.031 | -0.032 | -0.016 | -0.0024 | -0.0097 | 0.03 | -0.0047 | -0.041 | 0.044 | 0.02 | 0.035 | -0.028 | 0.013 | 0.031 | -0.0053 | -0.016 | -0.0034 | -0.0092 | 0.025 | 1 | 0.0023 | -0.022 | 0.054 | -0.023 | -0.0072 | 0.024 | 0.02 | 0.019 | -0.36 |
| MemoryComplaints - | 0.012 | 0.0039 | 0.0037 | -0.00017 | 0.029 | 0.02 | -0.029 | 0.0087 | 0.013 | -0.017 | -0.028 | 0.031 | -0.017 | -0.019 | -0.021 | -0.021 | -0.0095 | -0.0061 | 0.014 | -0.0057 | 0.031 | -0.014 | 0.0077 | 0.0023 | 1 | -0.0098 | -0.038 | -0.0077 | 0.013 | -0.03 | 0.044 | -0.007 | 0.31 |
| BehavioralProblems - | 0.039 | 0.0061 | -0.019 | 0.01 | 0.035 | -0.015 | 0.014 | -0.014 | -0.014 | -0.02 | -0.024 | -0.017 | -0.028 | 0.0013 | 0.048 | 0.032 | -0.013 | 0.017 | -0.0065 | -0.0029 | 0.027 | 0.01 | 0.025 | -0.022 | -0.0098 | 1 | 0.043 | -0.023 | -0.022 | -0.0029 | -0.019 | 0.023 | 0.22 |
| ADL- | -0.039 | 0.0039 | 0.01 | 0.032 | -0.0098 | -0.029 | -0.0083 | -0.013 | -0.0079 | 0.015 | 0.014 | -0.013 | 0.022 | 0.0062 | -0.017 | -0.019 | 0.015 | -0.0048 | 0.00078 | -0.019 | 0.0053 | 0.024 | 0.0034 | 0.054 | -0.038 | 0.043 | 1 | 0.012 | 0.0023 | -0.016 | -0.026 | -0.0026 | -0.33 |
| Confusion - | 0.009 | -0.031 | 0.022 | -0.0082 | -0.016 | 0.0045 | -0.033 | -0.0094 | 0.0026 | 0.014 | 0.018 | 0.018 | -0.0048 | 0.0016 | -0.031 | -0.0086 | 0.0084 | -0.017 | 0.037 | 0.021 | -0.0053 | -0.014 | 0.0038 | -0.023 | -0.0077 | -0.023 | 0.012 | 1 | 0.007 | -0.0016 | -0.022 | 0.01 | -0.019 |
| Disorientation - | 0.028 | 0.018 | -0.018 | -0.018 | -0.032 | -0.028 | 0.016 | -0.02 | -0.026 | 0.019 | 0.036 | 0.025 | -0.0045 | 0.0058 | 0.033 | 0.034 | 0.037 | -0.015 | 0.025 | 0.027 | 0.021 | -0.013 | 0.037 | -0.0072 | 0.013 | -0.022 | 0.0023 | 0.007 | 1 | -0.022 | -0.021 | -0.032 | -0.025 |
| PersonalityChanges | 0.0095 | 0.026 | -0.03 | -0.02 | -0.016 | -0.01 | 0.019 | -0.014 | 0.029 | -0.017 | 0.0068 | -0.032 | 0.0042 | 0.026 | -0.031 | -0.012 | -0.012 | 0.0015 | -0.017 | 0.016 | -0.019 | -0.018 | 0.034 | 0.024 | -0.03 | -0.0029 | -0.016 | -0.0016 | -0.022 | 1 | 0.038 | -0.013 | -0.021 |
| DifficultyCompletingTasks - | 0.014 | -0.0016 | 0.019 | 0.013 | -0.039 | 0.0017 | -0.0027 | 0.031 | 0.046 | 0.011 | 0.0088 | 0.025 | -0.0015 | -0.017 | 0.011 | -0.0028 | -0.0036 | -0.026 | -0.018 | -0.012 | -0.057 | -0.042 | 0.0033 | 0.02 | 0.044 | -0.019 | -0.026 | -0.022 | -0.021 | 0.038 | 1 | -0.013 | 0.0091 |
| Forgetfulness | -0.019 | -0.029 | -0.035 | -0.0087 | 0.071 | 0.018 | -0.024 | 0.0098 | 0.0062 | 0.0029 | 0.022 | 0.01 | -0.0076 | 0.018 | -2e-05 | 0.03 | -0.011 | 0.0059 | -0.025 | -0.00059 | -0.017 | 0.0035 | 0.012 | 0.019 | -0.007 | 0.023 | -0.0026 | 0.01 | -0.032 | -0.013 | -0.013 | 1 | -0.00035 |
| Diagnosis | 0.0055 | -0.021 | -0.015 | -0.044 | 0.026 | -0.0049 | -0.0076 | 0.0059 | 0.0085 | -0.057 | -0.033 | 0.031 | -0.032 | -0.0059 | -0.021 | 0.035 | -0.016 | 0.0053 | 0.0064 | -0.032 | 0.043 | 0.023 | -0.24 | -0.36 | 0.31 | 0.22 | -0.33 | -0.019 | -0.025 | -0.021 | 0.0091 | -0.00035 | 1 |
| | ge- | ler- | ity - | - - | E | ng - | on - | ity - | ity - | ity- | ers- | Se - | es - | on - | - K | on - | BP- | BP- | tal- | DL- | DL- | es- | SE- | ent- | ıts - | ms - | DL- | on - | on - | es - | ks- | - SS | Sis- |
| | ď | Gend | Ethnici | EducationLev | В | Smokii | AlcoholConsumpti | PhysicalActiv | DietQuali | SleepQuali | ⁻ amilyHistoryAlzheime | CardiovascularDisea | Diabet | Depressi | HeadInju | Hypertensi | Systolic | Diastolic | CholesterolTo | CholesterolLI | CholesterolHI | CholesterolTriglycerid | Σ | FunctionalAssessme | MemoryComplair | BehavioralProbler | A | Confusi | Disorientati | PersonalityChang | ifficultyCompletingTas | Forgetfulne | Diagnos |