Table 3: Associations between individual resilience factors and resilience trajectories using multinomial logistic regression, adjusted for covariates. Class 1 – ‘vulnerable to very vulnerable’ is the reference category.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variables** | **Categories** | **Stable high resilient OR** | **Std. Error** | **T-Statistic** | **p-value** | **95% Confidence Interval** | |
|  |  |  |  |  |  | **Lower Bound** | **Upper Bound** |
| Cognitive Skills (81m) |  | 2.637 | 0.286 | 3.385 | **0.0007** | 1.504 | 4.624 |
| Social and Communication Skills (91m) |  | 0.692 | 0.012 | -31.568 | **0.0000** | 0.676 | 0.708 |
| Mental Flexibility (10yrs) |  | 1.020 | 0.011 | 1.703 | 0.0885 | 0.997 | 1.043 |
| Locus of Control (8.5yrs) | Internalised (ref) |  |  |  |  |  |  |
|  | Externalised | 0.936 | 0.067 | -0.988 | 0.3233 | 0.822 | 1.067 |
| Reading Speed (9yrs) |  | 1.001 | 0.004 | 0.246 | 0.8059 | 0.994 | 1.008 |
| Reading Accuracy (9yrs) |  | 1.015 | 0.004 | 3.307 | **0.0009** | 1.006 | 1.024 |
| Reading Comprehension (9yrs) |  | 0.997 | 0.005 | -0.574 | 0.5658 | 0.988 | 1.007 |
| IQ (8.5yrs) | Average (ref) |  |  |  |  |  |  |
|  | Exceptionally Low | 0.873 | 0.175 | -0.778 | 0.4368 | 0.619 | 1.230 |
|  | Low | 0.525 | 0.119 | -5.404 | **0.0000** | 0.416 | 0.663 |
|  | Low Average | 0.907 | 0.099 | -0.985 | 0.3247 | 0.747 | 1.102 |
|  | High Average | 1.115 | 0.094 | 1.165 | 0.2439 | 0.928 | 1.340 |
|  | High | 1.408 | 0.117 | 2.937 | **0.0033** | 1.121 | 1.769 |
|  | Exceptionally High | 1.684 | 0.142 | 3.670 | **0.0002** | 1.275 | 2.224 |
| Self Esteem (8yrs) | Scholastic Competence | 1.030 | 0.009 | 3.184 | **0.0015** | 1.011 | 1.049 |
|  | Global Self-Worth | 1.053 | 0.010 | 5.361 | **0.0000** | 1.033 | 1.073 |
| Temperament (5yrs 9m) |  | 1.225 | 0.010 | 20.746 | **0.0000** | 1.202 | 1.249 |
| **Variables** | **Categories** | **Stable moderate resilience OR** | **Std. Error** | **T-Statistic** | **p-value** | **95% Confidence Interval** | |
|  |  |  |  |  |  | **Lower Bound** | **Upper Bound** |
| Cognitive Skills (81m) |  | 1.137 | 0.233 | 0.550 | 0.5821 | 0.720 | 1.793 |
| Social and Communication Skills (91m) |  | 0.820 | 0.009 | -23.060 | **0.0000** | 0.807 | 0.834 |
| Mental Flexibility (10yrs) |  | 1.017 | 0.011 | 1.577 | 0.1149 | 0.996 | 1.039 |
| Locus of Control (8.5yrs) | Internalised (ref) |  |  |  |  |  |  |
|  | Externalised | 0.949 | 0.064 | -0.815 | 0.4151 | 0.837 | 1.076 |
| Reading Speed (9yrs) |  | 0.996 | 0.003 | -1.192 | 0.2334 | 0.989 | 1.003 |
| Reading Accuracy (9yrs) |  | 1.003 | 0.004 | 0.664 | 0.5068 | 0.995 | 1.011 |
| Reading Comprehension (9yrs) |  | 1.008 | 0.005 | 1.799 | 0.0720 | 0.999 | 1.018 |
| IQ (8.5yrs) | Average (ref) |  |  |  |  |  |  |
|  | Exceptionally Low | 0.850 | 0.160 | -1.014 | 0.3106 | 0.621 | 1.164 |
|  | Low | 0.668 | 0.108 | -3.723 | **0.0002** | 0.540 | 0.826 |
|  | Low Average | 0.984 | 0.093 | -0.168 | 0.8663 | 0.820 | 1.182 |
|  | High Average | 1.116 | 0.090 | 1.220 | 0.2226 | 0.935 | 1.332 |
|  | High | 1.126 | 0.115 | 1.036 | 0.3001 | 0.899 | 1.410 |
|  | Exceptionally High | 1.519 | 0.139 | 3.002 | **0.0027** | 1.156 | 1.996 |
| Self Esteem (8yrs) | Scholastic Competence | 1.012 | 0.009 | 1.372 | 0.1701 | 0.995 | 1.030 |
|  | Global Self-Worth | 1.038 | 0.009 | 4.161 | **0.0000** | 1.020 | 1.057 |
| Temperament (5yrs 9m) |  | 1.117 | 0.009 | 12.188 | **0.0000** | 1.097 | 1.137 |
| **Variables** | **Categories** | **Early vulnerability to increasing resilient OR** | **Std. Error** | **T-Statistic** | **p-value** | **95% Confidence Interval** | |
|  |  |  |  |  |  | **Lower Bound** | **Upper Bound** |
| Cognitive Skills (81m) |  | 1.723 | 0.294 | 1.847 | 0.0647 | 0.967 | 3.068 |
| Social and Communication Skills (91m) |  | 0.848 | 0.010 | -16.909 | **0.0000** | 0.832 | 0.864 |
| Mental Flexibility (10yrs) |  | 1.025 | 0.012 | 1.979 | 0.0478 | 1.000 | 1.050 |
| Locus of Control (8.5yrs) | Internalised (ref) |  |  |  |  |  |  |
|  | Externalised | 0.961 | 0.072 | -0.554 | 0.5797 | 0.834 | 1.107 |
| Reading Speed (9yrs) |  | 1.005 | 0.004 | 1.203 | 0.2290 | 0.997 | 1.012 |
| Reading Accuracy (9yrs) |  | 1.001 | 0.005 | 0.120 | 0.9048 | 0.991 | 1.010 |
| Reading Comprehension (9yrs) |  | 1.009 | 0.005 | 1.805 | 0.0711 | 0.999 | 1.020 |
| IQ (8.5yrs) | Average (ref) |  |  |  |  |  |  |
|  | Exceptionally Low | 0.579 | 0.216 | -2.529 | **0.0114** | 0.380 | 0.884 |
|  | Low | 0.743 | 0.127 | -2.330 | **0.0198** | 0.579 | 0.954 |
|  | Low Average | 1.253 | 0.104 | 2.162 | **0.0306** | 1.021 | 1.537 |
|  | High Average | 1.099 | 0.102 | 0.931 | 0.3518 | 0.901 | 1.342 |
|  | High | 1.156 | 0.127 | 1.136 | 0.2558 | 0.901 | 1.483 |
|  | Exceptionally High | 1.553 | 0.152 | 2.902 | **0.0037** | 1.154 | 2.090 |
| Self Esteem (8yrs) | Scholastic Competence | 1.044 | 0.010 | 4.254 | **0.0000** | 1.023 | 1.065 |
|  | Global Self-Worth | 1.015 | 0.010 | 1.440 | 0.1498 | 0.995 | 1.035 |
| Temperament (5yrs 9m) |  | 1.046 | 0.010 | 4.457 | **0.0000** | 1.026 | 1.068 |
| **Variables** | **Categories** | **Childhood vulnerability to adolescent resilience OR** | **Std. Error** | **T-Statistic** | **p-value** | **95% Confidence Interval** | |
|  |  |  |  |  |  | **Lower Bound** | **Upper Bound** |
| Cognitive Skills (81m) |  | 0.812 | 0.231 | -0.904 | 0.3662 | 0.516 | 1.276 |
| Social and Communication Skills (91m) |  | 0.970 | 0.008 | -3.974 | **0.0001** | 0.955 | 0.985 |
| Mental Flexibility (10yrs) |  | 1.021 | 0.013 | 1.676 | 0.0938 | 0.996 | 1.047 |
| Locus of Control (8.5yrs) | Internalised (ref) |  |  |  |  |  |  |
|  | Externalised | 1.050 | 0.077 | 0.635 | 0.5254 | 0.903 | 1.221 |
| Reading Speed (9yrs) |  | 0.996 | 0.004 | -1.090 | 0.2759 | 0.988 | 1.004 |
| Reading Accuracy (9yrs) |  | 0.993 | 0.005 | -1.361 | 0.1734 | 0.983 | 1.003 |
| Reading Comprehension (9yrs) |  | 1.015 | 0.006 | 2.622 | **0.0087** | 1.004 | 1.026 |
| IQ (8.5yrs) | Average (ref) |  |  |  |  |  |  |
|  | Exceptionally Low | 0.978 | 0.176 | -0.125 | 0.9003 | 0.692 | 1.382 |
|  | Low | 0.846 | 0.126 | -1.322 | 0.1860 | 0.661 | 1.084 |
|  | Low Average | 1.171 | 0.107 | 1.474 | 0.1404 | 0.949 | 1.445 |
|  | High Average | 1.020 | 0.108 | 0.179 | 0.8576 | 0.825 | 1.260 |
|  | High | 0.805 | 0.143 | -1.516 | 0.1294 | 0.608 | 1.066 |
|  | Exceptionally High | 1.192 | 0.166 | 1.059 | 0.2898 | 0.861 | 1.649 |
| Self Esteem (8yrs) | Scholastic Competence | 1.021 | 0.010 | 2.018 | **0.0436** | 1.001 | 1.042 |
|  | Global Self-Worth | 0.996 | 0.010 | -0.350 | 0.7264 | 0.976 | 1.017 |
| Temperament (5yrs 9m) |  | 0.969 | 0.010 | -3.101 | **0.0019** | 0.949 | 0.988 |
| **Variables** | **Categories** | **Resilient to vulnerable to resilient OR** | **Std. Error** | **T-Statistic** | **p-value** | **95% Confidence Interval** | |
|  |  |  |  |  |  | **Lower Bound** | **Upper Bound** |
| Cognitive Skills (81m) |  | 1.019 | 0.246 | 0.075 | 0.9403 | 0.629 | 1.649 |
| Social and Communication Skills (91m) |  | 0.995 | 0.009 | -0.603 | 0.5465 | 0.978 | 1.012 |
| Mental Flexibility (10yrs) |  | 0.989 | 0.014 | -0.796 | 0.4259 | 0.962 | 1.016 |
| Locus of Control (8.5yrs) | Internalised (ref) |  |  |  |  |  |  |
|  | Externalised | 1.235 | 0.095 | 2.221 | **0.0263** | 1.025 | 1.487 |
| Reading Speed (9yrs) |  | 0.994 | 0.005 | -1.201 | 0.2296 | 0.985 | 1.004 |
| Reading Accuracy (9yrs) |  | 0.996 | 0.006 | -0.658 | 0.5107 | 0.984 | 1.008 |
| Reading Comprehension (9yrs) |  | 0.999 | 0.007 | -0.129 | 0.8976 | 0.986 | 1.012 |
| IQ (8.5yrs) | Average (ref) |  |  |  |  |  |  |
|  | Exceptionally Low | 1.289 | 0.184 | 1.377 | 0.1684 | 0.898 | 1.849 |
|  | Low | 0.900 | 0.144 | -0.732 | 0.4641 | 0.678 | 1.194 |
|  | Low Average | 0.992 | 0.130 | -0.059 | 0.9533 | 0.770 | 1.280 |
|  | High Average | 1.068 | 0.134 | 0.493 | 0.6219 | 0.821 | 1.390 |
|  | High | 0.986 | 0.174 | -0.079 | 0.9367 | 0.701 | 1.388 |
|  | Exceptionally High | 1.455 | 0.202 | 1.853 | 0.0639 | 0.979 | 2.163 |
| Self Esteem (8yrs) | Scholastic Competence | 1.002 | 0.012 | 0.172 | 0.8634 | 0.978 | 1.026 |
|  | Global Self-Worth | 1.008 | 0.012 | 0.632 | 0.5274 | 0.984 | 1.033 |
| Temperament (5yrs 9m) |  | 0.991 | 0.012 | -0.771 | 0.4405 | 0.967 | 1.015 |
| **Variables** | **Categories** | **Vulnerable to resilient to vulnerable OR** | **Std. Error** | **T-Statistic** | **p-value** | **95% Confidence Interval** | |
|  |  |  |  |  |  | **Lower Bound** | **Upper Bound** |
| Cognitive Skills (81m) |  | 0.806 | 0.275 | -0.787 | 0.4314 | 0.470 | 1.380 |
| Social and Communication Skills (91m) |  | 0.869 | 0.013 | -10.690 | **0.0000** | 0.847 | 0.892 |
| Mental Flexibility (10yrs) |  | 1.025 | 0.017 | 1.503 | 0.1328 | 0.992 | 1.059 |
| Locus of Control (8.5yrs) | Internalised (ref) |  |  |  |  |  |  |
|  | Externalised | 1.001 | 0.094 | 0.009 | 0.9927 | 0.833 | 1.203 |
| Reading Speed (9yrs) |  | 1.004 | 0.005 | 0.731 | 0.4647 | 0.994 | 1.014 |
| Reading Accuracy (9yrs) |  | 1.002 | 0.006 | 0.330 | 0.7418 | 0.990 | 1.014 |
| Reading Comprehension (9yrs) |  | 1.009 | 0.007 | 1.385 | 0.1659 | 0.996 | 1.023 |
| IQ (8.5yrs) | Average (ref) |  |  |  |  |  |  |
|  | Exceptionally Low | 0.690 | 0.263 | -1.409 | 0.1587 | 0.412 | 1.156 |
|  | Low | 0.634 | 0.173 | -2.638 | **0.0083** | 0.452 | 0.890 |
|  | Low Average | 0.812 | 0.145 | -1.437 | 0.1508 | 0.611 | 1.079 |
|  | High Average | 1.136 | 0.128 | 0.992 | 0.3210 | 0.883 | 1.461 |
|  | High | 1.171 | 0.162 | 0.976 | 0.3289 | 0.853 | 1.608 |
|  | Exceptionally High | 1.342 | 0.196 | 1.502 | 0.1331 | 0.914 | 1.970 |
| Self Esteem (8yrs) | Scholastic Competence | 1.006 | 0.013 | 0.462 | 0.6440 | 0.981 | 1.032 |
|  | Global Self-Worth | 1.023 | 0.013 | 1.687 | 0.0916 | 0.996 | 1.050 |
| Temperament (5yrs 9m) |  | 1.073 | 0.013 | 5.290 | **0.0000** | 1.046 | 1.102 |