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| **Supplemental Table 1. Measures of Early Life Adversity at MESA Follow-up 20 Telephone Assessment, 2019** |
| **ELA Measure** | **Description** |
| **Parental support/affect** | How often did a parent or other adult in the household make you feel loved, supported, and cared for |
| **Emotional abuse** | How often did a parent or other adult in the household swear/insult/put you down, made you feel threatened |
| **Parental physical affection** | How often did a parent or other adult in the household express physical affection for you (hugging or other physical gesture of warmth/affection |
| **Physical abuse** | How often did a parent or other adult in the household push/grab/shove/hit you so hard that you had marks/injuries |
| **Household substance abuse** | How often did you live with anyone who was a problem drinker/alcoholic, or who used street drugs |
| **Household organization** | How often was the household where you grew up well-organized/well-managed |
| **Parental monitoring** | How often did your family know what you were up to |
| Abbreviations: ELA, early life adversity; MESA, Multi-Ethnic Study of Atherosclerosis |

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| **Supplemental Table 2: Associations between ELA Response Pattern and Cognitive Change & Performance Adjusting for CES-D at Exam 5, 2010-2019** |
|  | **Change in CASI from Exam 5 to Exam 6** | **CASI at Exam 6** |
|  | **Model 1\*** | **Model 2†** | **Model 1** | **Model 2** |
|  | **N=1524** | **N=1524** |
| **ELA Response** | β | SE | P-value | β | SE | P-value | β | SE | P-value | β | SE | P-value |
| **ELA Refused** | -0.60 | 0.54 | 0.26 | -0.50 | 0.54 | 0.36 | -0.94 | 0.49 | 0.06 | -0.74 | 0.49 | 0.13 |
| **ELA Partially Completed** | 1.43 | 1.10 | 0.19 | 1.32 | 1.10 | 0.23 | 0.00 | 1.01 | 1.00 | 0.05 | 1.00 | 0.96 |
| **All ELA Completed** | Ref | Ref | Ref | Ref | Ref | Ref | Ref | Ref | Ref | Ref | Ref | Ref |
| Abbreviations: β, beta; CASI, Cognitive Abilities Screening Instrument; CES-D, Center for Epidemiologic Depression Scale; ELA, early life adversity; ref, reference; SE, standard error\*Model 1 adjusted for age, gender, race and ethnicity, level of education, and language spoken at Exam 1.†Model 2 adjusted for age, gender, race and ethnicity, level of education, language spoken at Exam 1, income, years in the U.S., mother’s birthplace, father’s birthplace, investments, home type, car ownership, mother’s education, and father’s education. |