**SUPPLEMENTARY APPENDIX**

**Supplementary Figure**

FAMTM application mobile interface showing an example of an illuminated number as part of the random sequence presentation. The colored boxes that surround the numbers are included in the touch area for testing response.

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**Supplemental Table:** Multivariable linear regression coefficients illustrating the impact that age, sex, education, race, and hospitalization had upon FAMTM score.

|  |  |  |
| --- | --- | --- |
| **Multivariable Linear Regression Analysis**  | **Coefficient (95% CI)** | **p-value** |
| Hospitalization |
|  Non-hospitalized | Ref. | - |
|  Hospitalized- Home | -0.3 (-0.6, 0.02) | 0.07 |
|  Hospitalized- Not Home | -0.8 (-1.4, -0.2) | 0.008 |
| Age, 10 year increase | -0.6 (-0.7, -0.5) | <0.001 |
| Female Sex | -0.04 (-0.3, 0.2) | 0.8 |
| Education |
|  Less than High School | Ref. | - |
|  High School Graduate | 1.1 (0.6, 1.6) | <0.001 |
|  College Graduate | 1.4 (0.9, 2.0) | <0.001 |
| Race |
|  White | Ref. | - |
|  Black | -1.2 (-1.5, -1.0) | <0.001 |
|  Other | -1.1 (-1.6, -0.7) | <0.001 |