Supplemental Table 1

 *Correlations Between Study Variables (‘Cycle 1)*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1. Education | - |  |  |  |  |  |  |  |  |  |  |
| 2. Information Seeking (‘Lot of Effort’) | **-0.16\*** | - |  |  |  |  |  |  |  |  |  |
| 3. Information Seeking (‘Frustrated‘) | **-0.13\*** | **0.73\*** | - |  |  |  |  |  |  |  |  |
| 4. Information Seeking (‘Too Hard to Understand‘) | **-0.16\*** | **0.60\*** | **0.64\*** | - |  |  |  |  |  |  |  |
| 5. Cancer Fatalism (‘Everything Causes Cancer‘) | **-0.14\*** | **0.08\*** | **0.09\*** | **0.11\*** | - |  |  |  |  |  |  |
| 6. Cancer Fatalism (‘Prevent Not Possible‘) | **-0.16\*** | **0.13\*** | **0.12\*** | **0.17\*** | **0.31\*** | - |  |  |  |  |  |
| 7. Cancer Fatalism (‘Too Many Recommendations‘) | **-0.09\*** | **0.14\*** | **0.16\*** | **0.16\*** | **0.34\*** | **0.40\*** | - |  |  |  |  |
| 8. Ethnicity (Non-White) | **-0.11\*** | **0.07\*** | 0.02 | **0.06\*** | 0.00 | 0.03 | -0.03 | - |  |  |  |
| 9. Gender | **-0.06\*** | **-0.05\*** | -0.02 | **-0.08\*** | **0.11\*** | 0.02 | -0.01 | **0.06\*** | - |  |  |
| 10. Age | **-0.10\*** | **0.07\*** | **0.05\*** | 0.04 | **-0.16\*** | -0.01 | -0.03 | **-0.13\*** | **-0.11\*** | - |  |
| 11. Family History | -0.02 | -0.01 | 0.02 | -0.01 | **0.10\*** | 0.02 | **0.06\*** | **-0.11\*** | **0.07\*** | 0.01 | - |

*Note.* \**p*< 0.01

Supplemental Table 2

 *Correlations Between Study Variables (Cycle 2)*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |  (10) | (11) |
| 1. Education | - |  |  |  |  |  |  |  |  |  |  |
| 2. Information Seeking (‘Lot of Effort‘) | **-0.11\*** | - |  |  |  |  |  |  |  |  |
| 3. Information Seeking (‘Frustrated‘) | **-0.10\*** | **0.74\*** | - |  |  |  |  |  |  |  |
| 4. Information Seeking (‘Too Hard to Understand‘) | **-0.13\*** | **0.56\*** | **0.60\*** | - |  |  |  |  |  |  |
| 5. Cancer Fatalism (‘Everything Causes Cancer‘) | **-0.14\*** | 0.06 | **0.12\*** | **0.14\*** | - |  |  |  |  |  |
| 6. Cancer Fatalism (‘Prevent Not Possible‘) | **-0.16\*** | 0.05 | **0.08\*** | **0.11\*** | **0.23\*** | - |  |  |  |  |
| 7. Cancer Fatalism (‘Too Many Recommendations‘) | **-0.12\*** | **0.11\*** | **0.16\*** | **0.19\*** | **0.36\*** | **0.34\*** | - |  |  |  |
| 8. Ethnicity (Non-White) | **-0.10\*** | 0.02 | -0.01 | -0.05 | 0.00 | 0.03 | -0.02 | - |  |  |
| 9. Gender | -0.03 | 0.02 | 0.02 | 0.01 | **0.12\*** | 0.05 | 0.04 | 0.03 | - |  |
| 10. Age | **-0.12\*** | **0.10\*** | **0.08\*** | 0.06 | **-0.16\*** | 0.01 | 0.01 | **-0.20\*** | **-0.14\*** | - |
| 11. Family History | 0.06 | 0.02 | 0.01 | 0.02 | -0.06 | -0.01 | -0.03 | 0.07 | -0.04 | -0.02 |

*Note.* \**p*< 0.01

Supplemental Table 3

 *Correlations Between Study Variables (Cycle 3)*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| 1. Education | - |  |  |  |  |  |  |  |  |  |  |
| 2. Information Seeking (‘Lot of Effort‘) | **-0.14\*** | - |  |  |  |  |  |  |  |  |  |
| 3. Information Seeking (‘Frustrated‘) | **-0.11\*** | **0.73\*** | - |  |  |  |  |  |  |  |  |
| 4. Information Seeking (‘Too Hard to Understand‘) | **-0.17\*** | **0.59\*** | **0.63\*** | - |  |  |  |  |  |  |  |
| 5. Cancer Fatalism (‘Everything Causes Cancer‘) | **-0.10\*** | **0.09\*** | **0.07\*** | **0.11\*** | - |  |  |  |  |  |  |
| 6. Cancer Fatalism (‘Prevent Not Possible‘) | **-0.18\*** | **0.21\*** | **0.19\*** | **0.17\*** | **0.31\*** | - |  |  |  |  |  |
| 7. Cancer Fatalism (‘Too Many Recommendations‘) | **-0.10\*** | **0.14\*** | **0.16\*** | **0.14\*** | **0.32\*** | **0.39\*** | - |  |  |  |  |
| 8. Ethnicity (Non-White) | **-0.14\*** | **0.11\*** | 0.01 | **0.08\*** | 0.02 | **0.12\*** | -0.02 | - |  |  |  |
| 9. Gender | 0.00 | -0.01 | 0.02 | -0.02 | **0.10\*** | 0.03 | 0.03 | 0.05 | - |  |  |
| 10. Age | **-0.14\*** | 0.01 | 0.02 | 0.02 | **-0.15\*** | -0.03 | 0.00 | **-0.14\*** | **-0.06\*** | - |  |
| 11. Family History | 0.04 | -0.03 | 0.00 | -0.03 | **0.07\*** | -0.05 | 0.02 | **-0.16\*** | **0.13\*** | 0.04 | - |

*Note.* \**p*< 0.01