

Table S1. Summary of the univariate logistic regression analyses.

Model 1: Univariate logistic regression predicting the likelihood of reporting yes (1) to the perceived importance of self-care action to discuss the use of health screening tests with your provider (action item #5)

| | B | S.E. | Wald | df | p | Odds Ratio | 95% C.I. for Odds Ratio/Lower | 95% C.I. for Odds Ratio/Upper |
|--------------------------|--------|-------|-------|----|--------|------------|-------------------------------|-------------------------------|
| Ref= (65 to <75 years) | | | 4.611 | 2 | 0.100 | | | |
| Age (75 to < 85years) | -1.495 | 1.173 | 1.625 | 1 | 0.202 | 0.224 | 0.022 | 2.234 |
| Age (85 years and above) | -2.520 | 1.192 | 4.466 | 1 | 0.035* | 0.080 | 0.008 | 0.833 |

*: $p < 0.05$.

Model 2: Univariate logistic regression predicting the likelihood of reporting yes (1) to desire to perform self-care action to discuss the use of health screening tests with your provider (action item #5)

| | B | S.E. | Wald | df | p | Odds Ratio | 95% C.I. for Odds Ratio/Lower | 95% C.I. for Odds Ratio/Upper |
|--|-------|-------|-------|----|--------|------------|-------------------------------|-------------------------------|
| Ref= (Less than high school) | | | 4.572 | 2 | 0.102 | | | |
| Education (High school diploma) | 1.299 | 1.165 | 1.243 | 1 | 0.265 | 3.667 | 0.374 | 35.979 |
| Education (Associate degree, bachelor's degree, and above) | 1.522 | 0.731 | 4.334 | 1 | 0.037* | 4.583 | 1.093 | 19.217 |

*: $p < 0.05$.

Model 3: Univariate logistic regression predicting the likelihood of reporting yes (1) to the ability to perform self-care action to discuss the use of health screening tests with your provider (action item #5)

| | B | S.E. | Wald | df | p | Odds Ratio | 95% C.I. for Odds Ratio/Lower | 95% C.I. for Odds Ratio/Upper |
|--|-------|-------|-------|----|--------|------------|-------------------------------|-------------------------------|
| Ref= (Less than high school) | | | 4.986 | 2 | 0.083 | | | |
| Education (High school diploma) | 2.655 | 1.275 | 4.333 | 1 | 0.037* | 14.222 | 1.168 | 173.229 |
| Education (Associate degree, bachelor's degree, and above) | 0.288 | 1.000 | 0.083 | 1 | 0.774 | 1.333 | 0.188 | 9.465 |

*: $p < 0.05$.

Model 4: Univariate logistic regression predicting the likelihood of reporting yes (1) to the ability to perform self-care action to join in local health screening or wellness events (action item #9)

| | B | S.E. | Wald | df | p | Odds Ratio | 95% C.I. for Odds Ratio/Lower | 95% C.I. for Odds Ratio/Upper |
|----------------------------|--------|-------|-------|----|--------|------------|-------------------------------|-------------------------------|
| Ref= (Married) | | | 4.831 | 2 | 0.089 | | | |
| Marital status (Single) | -0.176 | 0.799 | 0.049 | 1 | 0.825 | 0.838 | 0.175 | 4.016 |
| Marital status (Separated) | -1.917 | 0.947 | 4.101 | 1 | 0.043* | 0.147 | 0.023 | 0.940 |

*: $p < 0.05$.

Table S2. Summary of multiple logistic regression models with at least one statistically significant regression coefficient value. Five models showed the statistical significance summarized below.

Model #1: Predicting the likelihood of reporting yes (1) to perceived desire to perform self-care action #1 (Create habits that will improve health and prevent disease)

| | B | S.E. | Wald | df | Sig. | Odds Ratio | 95% C.I. for Odds Ra- tio/Lower | 95% C.I. for Odds Ratio/Up- per |
|--|--------|----------|-------|----|--------|-------------|--|--|
| Residence (1 = urban) Ref = Rural | -1.220 | 1.059 | 1.328 | 1 | 0.249 | 0.295 | 0.037 | 2.351 |
| Gender (1 = male) Ref = Female | 19.951 | 9669.476 | 0.000 | 1 | 0.998 | 461889617.2 | 0.000 | . |
| Ref= (65 to <75 years) | | | 1.283 | 2 | 0.527 | | | |
| Age (75 to < 85 years) | 0.551 | 1.248 | 0.195 | 1 | 0.659 | 1.734 | 0.150 | 20.033 |
| Age (85 years and above) | 1.947 | 1.724 | 1.274 | 1 | 0.259 | 7.006 | 0.239 | 205.741 |
| Ref= (Married) | | | 3.332 | 2 | 0.189 | | | |
| Marital status (Single) | -2.891 | 1.618 | 3.191 | 1 | 0.074 | 0.056 | 0.002 | 1.324 |
| Marital status (Separated) | -2.555 | 1.737 | 2.165 | 1 | 0.141 | 0.078 | 0.003 | 2.337 |
| Ref= (Less than high school) | | | 5.563 | 2 | 0.062 | | | |
| Education (High school diploma) | 3.653 | 1.661 | 4.838 | 1 | 0.028* | 38.572 | 1.489 | 999.356 |
| Education (Associate degree, bachelor's degree, and above) | 1.458 | 1.684 | 0.749 | 1 | 0.387 | 4.297 | 0.158 | 116.655 |

*: $p < 0.05$.

Model #2: Predicting the likelihood of reporting yes (1) to being able to perform self-care action #5 (Discuss use of health screening tests with your provider)

| | B | S.E. | Wald | df | Sig. | Odds Ratio | 95% C.I. for Odds Ra- tio/Lower | 95% C.I. for Odds Ratio/Up- per |
|--|--------|----------|-------|----|--------|------------|--|--|
| Residence (1 = urban) Ref = Rural | -0.888 | 1.415 | 0.394 | 1 | 0.530 | 0.412 | 0.026 | 6.585 |
| Gender (1 = male) Ref = Female | -1.950 | 1.475 | 1.747 | 1 | 0.186 | 0.142 | 0.008 | 2.565 |
| Ref= (65 to <75 years) | | | 2.708 | 2 | 0.258 | | | |
| Age (75 to < 85 years) | -3.393 | 2.062 | 2.708 | 1 | 0.100 | 0.034 | 0.001 | 1.913 |
| Age (85 years and above) | 18.081 | 9854.817 | 0.000 | 1 | 0.999 | 71184464.6 | 0.000 | . |
| Ref= (Married) | | | 0.385 | 2 | 0.825 | | | |
| Marital status (Single) | -0.939 | 1.515 | 0.384 | 1 | 0.535 | 0.391 | 0.020 | 7.623 |
| Marital status (Separated) | -0.387 | 2.042 | 0.036 | 1 | 0.850 | 0.679 | 0.012 | 37.131 |
| Ref= (Less than high school) | | | 5.681 | 2 | 0.058 | | | |
| Education (High school diploma) | 4.685 | 1.998 | 5.496 | 1 | 0.019* | 108.296 | 2.156 | 5440.577 |
| Education (Associate degree, bachelor's degree, and above) | 1.089 | 1.983 | 0.302 | 1 | 0.583 | 2.972 | 0.061 | 144.840 |

*: $p < 0.05$.

Model #3: Predicting the likelihood of reporting yes (1) to the perceived importance of self-care action #9 (Join in local health screening or wellness events)

| | B | S.E. | Wald | df | Sig. | Odds Ratio |
|--|---|------|------|----|------|------------|
|--|---|------|------|----|------|------------|

| | | | | | | | 95% C.I. for Odds Ra- tio/Lower | 95% C.I. for Odds Ratio/Up- per |
|--|--------|-------|-------|---|--------|-------|--|--|
| Residence (1 = urban) Ref = Rural | -0.719 | 0.581 | 1.533 | 1 | 0.216 | 0.487 | 0.156 | 1.521 |
| Gender (1 = male) Ref = Female | 1.189 | 0.865 | 1.887 | 1 | 0.170 | 3.283 | 0.602 | 17.897 |
| Ref= (65 to <75 years) | | | 0.428 | 2 | 0.807 | | | |
| Age (75 to < 85years) | -0.095 | 0.668 | 0.020 | 1 | 0.887 | 0.910 | 0.246 | 3.369 |
| Age (85 years and above) | -0.501 | 0.778 | 0.414 | 1 | 0.520 | 0.606 | 0.132 | 2.783 |
| Ref= (Married) | | | 0.849 | 2 | 0.654 | | | |
| Marital status (Single) | -.528 | 0.609 | 0.751 | 1 | 0.386 | 0.590 | 0.179 | 1.946 |
| Marital status (Separated) | -0.555 | 0.899 | 0.382 | 1 | 0.537 | 0.574 | 0.099 | 3.342 |
| Ref= (Less than high school) | | | 4.573 | 2 | 0.102 | | | |
| Education (High school diploma) | 1.517 | 0.768 | 3.897 | 1 | 0.048* | 4.559 | 1.011 | 20.558 |
| Education (Associate degree, bachelor's degree, and above) | 0.656 | 0.945 | 0.481 | 1 | 0.488 | 1.926 | 0.302 | 12.282 |

*: $p < 0.05$.

Model #4: Predicting the likelihood of reporting yes (1) to perceived desire to perform self-care action #9 (Join in local health screening or wellness events)

| | B | S.E. | Wald | df | Sig. | Odds Ratio | 95% C.I. for Odds Ra- tio/Lower | 95% C.I. for Odds Ratio/Up- per |
|--|--------|-------|-------|----|--------|------------|--|--|
| Residence (1 = urban) Ref = Rural | -1.186 | 0.635 | 3.493 | 1 | 0.062 | 0.305 | 0.088 | 1.059 |
| Gender (1 = male) Ref = Female | 0.002 | 0.860 | 0.000 | 1 | 0.998 | 1.002 | 0.186 | 5.410 |
| Ref= (65 to <75 years) | | | 0.077 | 2 | 0.962 | | | |
| Age (75 to < 85years) | -0.200 | 0.726 | 0.076 | 1 | 0.783 | 0.819 | 0.197 | 3.397 |
| Age (85 years and above) | -0.075 | 0.853 | 0.008 | 1 | 0.930 | 0.927 | 0.174 | 4.938 |
| Ref= (Married) | | | 2.216 | 2 | 0.330 | | | |
| Marital status (Single) | -0.874 | 0.639 | 1.870 | 1 | 0.171 | 0.417 | 0.119 | 1.460 |
| Marital status (Separated) | -1.188 | 1.050 | 1.280 | 1 | 0.258 | 0.305 | 0.039 | 2.388 |
| Ref= (Less than high school) | | | 4.336 | 2 | 0.114 | | | |
| Education (High school diploma) | 1.700 | 0.818 | 4.318 | 1 | 0.038* | 5.475 | 1.101 | 27.218 |
| Education (Associate degree, bachelor's degree, and above) | 1.424 | 1.081 | 1.735 | 1 | 0.188 | 4.154 | .499 | 34.586 |

*: $p < 0.05$.

Model #5: Predicting the likelihood of reporting yes (1) to being able to perform self-care action #9 (Join in local health screening or wellness events)

| | B | S.E. | Wald | df | Sig. | Odds Ratio | 95% C.I. for Odds Ra- tio/Lower | 95% C.I. for Odds Ratio/Up- per |
|-----------------------------------|--------|-------|-------|----|-------|------------|--|--|
| Residence (1 = urban) Ref = Rural | -1.918 | 1.286 | 2.223 | 1 | 0.136 | 0.147 | 0.012 | 1.828 |

| | | | | | | | | |
|--|---------|----------|-------|---|---------|--------|-------|---------|
| Gender (1 = male) Ref = Female | -1.254 | 1.497 | 0.702 | 1 | 0.402 | 0.285 | 0.015 | 5.362 |
| Ref= (65 to <75 years) | | | 0.487 | 2 | 0.784 | | | |
| Age (75 to < 85years) | -19.857 | 5377.370 | 0.000 | 1 | 0.997 | 0.000 | 0.000 | . |
| Age (85 years and above) | -20.632 | 5377.370 | 0.000 | 1 | 0.997 | 0.000 | 0.000 | . |
| Ref= (Married) | | | 4.699 | 2 | 0.095 | | | |
| Marital status (Single) | -0.014 | 1.124 | 0.000 | 1 | 0.990 | 0.986 | 0.109 | 8.923 |
| Marital status (Separated) | -3.608 | 1.730 | 4.350 | 1 | 0.037 * | 0.027 | 0.001 | 0.805 |
| Ref= (Less than high school) | | | 3.247 | 2 | 0.197 | | | |
| Education (High school diploma) | 2.429 | 1.391 | 3.048 | 1 | 0.081 | 11.350 | 0.742 | 173.518 |
| Education (Associate degree, bachelor's degree, and above) | 2.831 | 1.970 | 2.067 | 1 | 0.151 | 16.969 | 0.357 | 805.727 |

*: $p < 0.05$.