

Supplementary Table 1: Masculinity barriers to medical care scale measures by race/ethnicity (n=891)

| | Total | | Black | | White | | AIAN | | P-Value |
|---|-------|-------|-------|-------|-------|-------|------|-------|--------------|
| | No. | Col % | No. | Col % | No. | Col % | No. | Col % | |
| As a provider, I assure the needs of my family are met. | | | | | | | | | 0.039 |
| Not at all | 37 | 4.2 | 15 | 5.0 | 7 | 2.3 | 15 | 5.3 | |
| Slightly True | 66 | 7.4 | 31 | 10.3 | 19 | 6.2 | 16 | 5.6 | |
| Moderately True | 129 | 14.5 | 50 | 16.6 | 46 | 15.0 | 33 | 11.6 | |
| Mostly True | 191 | 21.4 | 51 | 16.9 | 72 | 23.5 | 68 | 23.9 | |
| Completely True | 468 | 52.5 | 154 | 51.2 | 162 | 52.9 | 152 | 53.5 | |
| As a provider, I take risks for my family even if I may get hurt or put myself in danger. | | | | | | | | | 0.002 |
| Not at all | 134 | 15.0 | 48 | 15.9 | 49 | 16.0 | 37 | 13.0 | |
| Slightly True | 112 | 12.6 | 36 | 12.0 | 43 | 14.1 | 33 | 11.6 | |
| Moderately True | 189 | 21.2 | 61 | 20.3 | 77 | 25.2 | 51 | 18.0 | |
| Mostly True | 169 | 19.0 | 56 | 18.6 | 67 | 21.9 | 46 | 16.2 | |
| Completely True | 287 | 32.2 | 100 | 33.2 | 70 | 22.9 | 117 | 41.2 | |
| As a provider, I have been influenced by male family members to be active in my family's life. | | | | | | | | | 0.111 |
| Not at all | 158 | 17.7 | 52 | 17.3 | 48 | 15.7 | 58 | 20.4 | |
| Slightly True | 95 | 10.7 | 39 | 13.0 | 24 | 7.8 | 32 | 11.3 | |
| Moderately True | 189 | 21.2 | 63 | 20.9 | 68 | 22.2 | 58 | 20.4 | |
| Mostly True | 206 | 23.1 | 66 | 21.9 | 87 | 28.4 | 53 | 18.7 | |
| Completely True | 243 | 27.3 | 81 | 26.9 | 79 | 25.8 | 83 | 29.2 | |
| As a provider, I get an extra push to succeed for my family when I believe somebody is expecting me to fail. | | | | | | | | | 0.007 |
| Not at all | 146 | 16.4 | 40 | 13.3 | 53 | 17.3 | 53 | 18.7 | |
| Slightly True | 82 | 9.2 | 27 | 9.0 | 31 | 10.1 | 24 | 8.5 | |
| Moderately True | 207 | 23.2 | 72 | 23.9 | 79 | 25.8 | 56 | 19.7 | |
| Mostly True | 192 | 21.5 | 63 | 20.9 | 78 | 25.5 | 51 | 18.0 | |
| Completely True | 264 | 29.6 | 99 | 32.9 | 65 | 21.2 | 100 | 35.2 | |

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|--|-----|------|----|------|-----|------|-----|------------------|
| When it comes to my health, I figure problems out on my own. | | | | | | | | 0.041 |
| Not at all | 95 | 10.7 | 38 | 12.6 | 25 | 8.2 | 32 | 11.3 |
| Slightly True | 164 | 18.4 | 58 | 19.3 | 57 | 18.6 | 49 | 17.3 |
| Moderately True | 250 | 28.1 | 74 | 24.6 | 105 | 34.3 | 71 | 25.0 |
| Mostly True | 232 | 26.0 | 78 | 25.9 | 81 | 26.5 | 73 | 25.7 |
| Completely True | 150 | 16.8 | 53 | 17.6 | 38 | 12.4 | 59 | 20.8 |
| When it comes to my health, I rely on the opinions of others. | | | | | | | | 0.001 |
| Not at all | 230 | 25.8 | 95 | 31.6 | 57 | 18.6 | 78 | 27.5 |
| Slightly True | 205 | 23.0 | 59 | 19.6 | 71 | 23.2 | 75 | 26.4 |
| Moderately True | 244 | 27.4 | 66 | 21.9 | 99 | 32.4 | 79 | 27.8 |
| Mostly True | 132 | 14.8 | 52 | 17.3 | 50 | 16.3 | 30 | 10.6 |
| Completely True | 80 | 9.0 | 29 | 9.6 | 29 | 9.5 | 22 | 7.7 |
| When it comes to my health, I make my own decisions. | | | | | | | | 0.001 |
| Not at all | 39 | 4.4 | 24 | 8.0 | 5 | 1.6 | 10 | 3.5 |
| Slightly True | 86 | 9.7 | 35 | 11.6 | 28 | 9.2 | 23 | 8.1 |
| Moderately True | 203 | 22.8 | 76 | 25.2 | 67 | 21.9 | 60 | 21.1 |
| Mostly True | 244 | 27.4 | 77 | 25.6 | 95 | 31.0 | 72 | 25.4 |
| Completely True | 319 | 35.8 | 89 | 29.6 | 111 | 36.3 | 119 | 41.9 |
| When it comes to my health, I rely on remedies that others suggest to me. | | | | | | | | 0.087 |
| Not at all | 198 | 22.2 | 78 | 25.9 | 60 | 19.6 | 60 | 21.1 |
| Slightly True | 225 | 25.3 | 62 | 20.6 | 78 | 25.5 | 85 | 29.9 |
| Moderately True | 247 | 27.7 | 76 | 25.2 | 94 | 30.7 | 77 | 27.1 |
| Mostly True | 138 | 15.5 | 49 | 16.3 | 47 | 15.4 | 42 | 14.8 |
| Completely True | 83 | 9.3 | 36 | 12.0 | 27 | 8.8 | 20 | 7.0 |
| A problem with my health would be a big deal. | | | | | | | | <0.001 |
| Not at all | 52 | 5.8 | 14 | 4.7 | 8 | 2.6 | 30 | 10.6 |
| Slightly True | 101 | 11.3 | 23 | 7.6 | 36 | 11.8 | 42 | 14.8 |
| Moderately True | 219 | 24.6 | 68 | 22.6 | 82 | 26.8 | 69 | 24.3 |

| | | | | | | | | |
|--|-----|------|-----|------|-----|------|-----|------|
| Mostly True | 219 | 24.6 | 69 | 22.9 | 90 | 29.4 | 60 | 21.1 |
| Completely True | 300 | 33.7 | 127 | 42.2 | 90 | 29.4 | 83 | 29.2 |
| I wait until I am sure a problem with my health is serious. | | | | | | | | |
| Not at all | 183 | 20.5 | 71 | 23.6 | 48 | 15.7 | 64 | 22.5 |
| Slightly True | 169 | 19.0 | 56 | 18.6 | 58 | 19.0 | 55 | 19.4 |
| Moderately True | 237 | 26.6 | 77 | 25.6 | 88 | 28.8 | 72 | 25.4 |
| Mostly True | 184 | 20.7 | 60 | 19.9 | 78 | 25.5 | 46 | 16.2 |
| Completely True | 118 | 13.2 | 37 | 12.3 | 34 | 11.1 | 47 | 16.5 |
| I take action immediately when I have a health problem. | | | | | | | | |
| Not at all | 78 | 8.8 | 16 | 5.3 | 24 | 7.8 | 38 | 13.4 |
| Slightly True | 171 | 19.2 | 42 | 14.0 | 70 | 22.9 | 59 | 20.8 |
| Moderately True | 222 | 24.9 | 73 | 24.3 | 89 | 29.1 | 60 | 21.1 |
| Mostly True | 197 | 22.1 | 75 | 24.9 | 67 | 21.9 | 55 | 19.4 |
| Completely True | 223 | 25.0 | 95 | 31.6 | 56 | 18.3 | 72 | 25.4 |
| A problem with my health will go away on its own. | | | | | | | | |
| Not at all | 332 | 37.3 | 104 | 34.6 | 108 | 35.3 | 120 | 42.3 |
| Slightly True | 200 | 22.4 | 65 | 21.6 | 73 | 23.9 | 62 | 21.8 |
| Moderately True | 194 | 21.8 | 55 | 18.3 | 77 | 25.2 | 62 | 21.8 |
| Mostly True | 109 | 12.2 | 50 | 16.6 | 35 | 11.4 | 24 | 8.5 |
| Completely True | 56 | 6.3 | 27 | 9.0 | 13 | 4.2 | 16 | 5.6 |
| It is important to talk to others about my feelings. | | | | | | | | |
| Not at all | 124 | 13.9 | 33 | 11.0 | 37 | 12.1 | 54 | 19.0 |
| Slightly True | 168 | 18.9 | 54 | 17.9 | 66 | 21.6 | 48 | 16.9 |
| Moderately True | 255 | 28.6 | 85 | 28.2 | 84 | 27.5 | 86 | 30.3 |
| Mostly True | 197 | 22.1 | 73 | 24.3 | 77 | 25.2 | 47 | 16.5 |
| Completely True | 147 | 16.5 | 56 | 18.6 | 42 | 13.7 | 49 | 17.3 |
| I believe in remaining strong at all times. | | | | | | | | |
| Not at all | 36 | 4.0 | 12 | 4.0 | 10 | 3.3 | 14 | 4.9 |

0.04

<0.001

0.009

0.018

0.008

| | | | | | | | | |
|-----------------|-----|------|-----|------|----|------|-----|------|
| Slightly True | 80 | 9.0 | 35 | 11.6 | 30 | 9.8 | 15 | 5.3 |
| Moderately True | 196 | 22.0 | 53 | 17.6 | 81 | 26.5 | 62 | 21.8 |
| Mostly True | 261 | 29.3 | 85 | 28.2 | 97 | 31.7 | 79 | 27.8 |
| Completely True | 318 | 35.7 | 116 | 38.5 | 88 | 28.8 | 114 | 40.1 |

Acknowledging my own emotions is always helpful.

0.001

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 65 | 7.3 | 17 | 5.6 | 15 | 4.9 | 33 | 11.6 |
| Slightly True | 125 | 14.0 | 35 | 11.6 | 49 | 16.0 | 41 | 14.4 |
| Moderately True | 209 | 23.5 | 65 | 21.6 | 84 | 27.5 | 60 | 21.1 |
| Mostly True | 245 | 27.5 | 85 | 28.2 | 93 | 30.4 | 67 | 23.6 |
| Completely True | 247 | 27.7 | 99 | 32.9 | 65 | 21.2 | 83 | 29.2 |

Physical pain in my body would never lead me to show any emotions.

0.048

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|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 207 | 23.2 | 75 | 24.9 | 80 | 26.1 | 52 | 18.3 |
| Slightly True | 181 | 20.3 | 55 | 18.3 | 65 | 21.2 | 61 | 21.5 |
| Moderately True | 234 | 26.3 | 74 | 24.6 | 90 | 29.4 | 70 | 24.6 |
| Mostly True | 158 | 17.7 | 58 | 19.3 | 43 | 14.1 | 57 | 20.1 |
| Completely True | 111 | 12.5 | 39 | 13.0 | 28 | 9.2 | 44 | 15.5 |

Having medical exams below the waist would disrespect my sexuality.

<0.001

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|-----------------|-----|------|-----|------|-----|------|-----|-----|
| Not at all | 589 | 66.1 | 166 | 55.1 | 210 | 68.6 | 213 | 75 |
| Slightly True | 73 | 8.2 | 29 | 9.6 | 26 | 8.5 | 18 | 6.3 |
| Moderately True | 120 | 13.5 | 46 | 15.3 | 40 | 13.1 | 34 | 12 |
| Mostly True | 65 | 7.3 | 34 | 11.3 | 23 | 7.5 | 8 | 2.8 |
| Completely True | 44 | 4.9 | 26 | 8.6 | 7 | 2.3 | 11 | 3.9 |

Medical professionals touching me below the waist is fine when it relates to my health.

0.012

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|-----------------|-----|------|-----|------|-----|------|-----|------|
| Not at all | 57 | 6.4 | 26 | 8.6 | 12 | 3.9 | 19 | 6.7 |
| Slightly True | 72 | 8.1 | 30 | 10.0 | 19 | 6.2 | 23 | 8.1 |
| Moderately True | 147 | 16.5 | 53 | 17.6 | 49 | 16.0 | 45 | 15.8 |
| Mostly True | 177 | 19.9 | 63 | 20.9 | 73 | 23.9 | 41 | 14.4 |
| Completely True | 438 | 49.2 | 129 | 42.9 | 153 | 50.0 | 156 | 54.9 |

Health problems below the waist would be embarrassing to me.

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|-----|------|
| Not at all | 291 | 32.7 | 94 | 31.2 | 87 | 28.4 | 110 | 38.7 |
| Slightly True | 162 | 18.2 | 54 | 17.9 | 57 | 18.6 | 51 | 18 |
| Moderately True | 188 | 21.1 | 61 | 20.3 | 76 | 24.8 | 51 | 18 |
| Mostly True | 136 | 15.3 | 44 | 14.6 | 55 | 18.0 | 37 | 13 |
| Completely True | 114 | 12.8 | 48 | 15.9 | 31 | 10.1 | 35 | 12.3 |

0.056

I would be comfortable with others knowing about health problems below the waist.

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|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 247 | 27.7 | 84 | 27.9 | 84 | 27.5 | 79 | 27.8 |
| Slightly True | 148 | 16.6 | 45 | 15.0 | 51 | 16.7 | 52 | 18.3 |
| Moderately True | 216 | 24.2 | 77 | 25.6 | 74 | 24.2 | 65 | 22.9 |
| Mostly True | 148 | 16.6 | 50 | 16.6 | 53 | 17.3 | 45 | 15.8 |
| Completely True | 132 | 14.8 | 45 | 15.0 | 44 | 14.4 | 43 | 15.1 |

0.989

Medical professionals want men of my race to live a long time.

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 97 | 10.9 | 38 | 12.6 | 19 | 6.2 | 40 | 14.1 |
| Slightly True | 97 | 10.9 | 51 | 16.9 | 17 | 5.6 | 29 | 10.2 |
| Moderately True | 261 | 29.3 | 83 | 27.6 | 89 | 29.1 | 89 | 31.3 |
| Mostly True | 211 | 23.7 | 70 | 23.3 | 83 | 27.1 | 58 | 20.4 |
| Completely True | 225 | 25.3 | 59 | 19.6 | 98 | 32.0 | 68 | 23.9 |

<0.001

Men of my race are treated like guinea pigs by medical professionals.

| | | | | | | | | |
|-----------------|-----|------|----|------|-----|------|-----|------|
| Not at all | 358 | 40.2 | 75 | 24.9 | 170 | 55.6 | 113 | 39.8 |
| Slightly True | 162 | 18.2 | 60 | 19.9 | 41 | 13.4 | 61 | 21.5 |
| Moderately True | 196 | 22 | 86 | 28.6 | 53 | 17.3 | 57 | 20.1 |
| Mostly True | 94 | 10.5 | 39 | 13.0 | 25 | 8.2 | 30 | 10.6 |
| Completely True | 81 | 9.1 | 41 | 13.6 | 17 | 5.6 | 23 | 8.1 |

<0.001

Men of my race trust medical professionals.

| | | | | | | | | |
|------------|----|------|----|------|---|-----|----|------|
| Not at all | 92 | 10.3 | 43 | 14.3 | 7 | 2.3 | 42 | 14.8 |
|------------|----|------|----|------|---|-----|----|------|

<0.001

| | | | | | | | | |
|---|-----|------|----|------|-----|------|-----|------------------|
| Slightly True | 168 | 18.9 | 80 | 26.6 | 30 | 9.8 | 58 | 20.4 |
| Moderately True | 282 | 31.6 | 89 | 29.6 | 91 | 29.7 | 102 | 35.9 |
| Mostly True | 223 | 25 | 54 | 17.9 | 112 | 36.6 | 57 | 20.1 |
| Completely True | 126 | 14.1 | 35 | 11.6 | 66 | 21.6 | 25 | 8.8 |
| Men of my race rarely receive quality medical care | | | | | | | | <0.001 |
| Not at all | 220 | 24.7 | 46 | 15.3 | 109 | 35.6 | 65 | 22.9 |
| Slightly True | 151 | 16.9 | 57 | 18.9 | 39 | 12.7 | 55 | 19.4 |
| Moderately True | 236 | 26.5 | 91 | 30.2 | 61 | 19.9 | 84 | 29.6 |
| Mostly True | 168 | 18.9 | 72 | 23.9 | 56 | 18.3 | 40 | 14.1 |
| Completely True | 116 | 13 | 35 | 11.6 | 41 | 13.4 | 40 | 14.1 |

Supplementary Table 2: Sociodemographic characteristics of men aged 45 and above (n=435) (Dates of data collection)

| Race and Ethnicity | | | | | | | | | |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|----------------|
| | Total | | Black | | White | | AIAN | | P-value |
| | No. | Col % | No. | Col % | No. | Col % | No. | Col % | |
| Age Group | | | | | | | | | 0.6 |
| 45-59 | 215 | 49.4 | 46 | 46.5 | 104 | 52.0 | 65 | 47.8 | |
| 60-75 | 220 | 50.6 | 53 | 53.5 | 96 | 48.0 | 71 | 52.2 | |
| Census Region | | | | | | | | | 0.01 |
| South | 101 | 23.3 | 30 | 30.3 | 39 | 19.5 | 32 | 23.9 | |
| West | 153 | 35.3 | 28 | 28.3 | 66 | 33.0 | 59 | 44.0 | |
| Northeast | 47 | 10.9 | 11 | 11.1 | 23 | 11.5 | 13 | 9.7 | |
| Midwest | 98 | 22.6 | 26 | 26.3 | 47 | 23.5 | 25 | 18.7 | |
| DC and Puerto Rico | 34 | 7.9 | 4 | 4.0 | 25 | 12.5 | 5 | 3.7 | |
| Marital Status | | | | | | | | | 0.021 |
| Single | 85 | 19.6 | 27 | 27.3 | 38 | 19.0 | 20 | 14.9 | |
| Married/In a relationship | 263 | 60.7 | 49 | 49.5 | 132 | 66.0 | 82 | 61.2 | |
| Divorced/widowed/separated | 85 | 19.6 | 23 | 23.2 | 30 | 15.0 | 32 | 23.9 | |
| Sexual Orientation | | | | | | | | | 0.227 |
| Heterosexual | 405 | 93.5 | 97 | 98.0 | 186 | 93.0 | 122 | 91.0 | |
| Homosexual | 13 | 3.0 | 2 | 2.0 | 6 | 3.0 | 5 | 3.7 | |
| Bisexual/Questioning | 15 | 3.5 | 0 | 0.0 | 8 | 4.0 | 7 | 5.2 | |
| Educational Attainment | | | | | | | | | 0.372 |
| High school or below | 90 | 20.8 | 19 | 19.2 | 37 | 18.5 | 34 | 25.4 | |
| Some college/Associates degree | 166 | 38.3 | 40 | 40.4 | 73 | 36.5 | 53 | 39.6 | |
| Bachelor's degree and above | 177 | 40.9 | 40 | 40.4 | 90 | 45.0 | 47 | 35.1 | |

| | | | | | | | | | | |
|---|-----|------|----|------|-----|------|-----|------|--|------------------|
| Health Professional | | | | | | | | | | 0.428 |
| No | 409 | 94.5 | 94 | 94.9 | 186 | 93.0 | 129 | 96.3 | | |
| Yes | 24 | 5.5 | 5 | 5.1 | 14 | 7.0 | 5 | 3.7 | | |
| Income Category | | | | | | | | | | <0.001 |
| 34,999 and below | 158 | 36.6 | 33 | 33.7 | 55 | 27.5 | 70 | 52.2 | | |
| 35,000-74,999 | 133 | 30.8 | 35 | 35.7 | 59 | 29.5 | 39 | 29.1 | | |
| 75,000 and above | 141 | 32.6 | 30 | 30.6 | 86 | 43.0 | 25 | 18.7 | | |
| Employed | | | | | | | | | | 0.022 |
| No | 85 | 19.7 | 24 | 24.5 | 28 | 14.0 | 33 | 24.6 | | |
| Yes | 347 | 80.3 | 74 | 75.5 | 172 | 86.0 | 101 | 75.4 | | |
| Insurance Status | | | | | | | | | | 0.007 |
| No | 47 | 10.9 | 7 | 7.1 | 16 | 8.0 | 24 | 17.9 | | |
| Yes | 385 | 89.1 | 91 | 92.9 | 184 | 92.0 | 110 | 82.1 | | |
| Religious Affiliation | | | | | | | | | | <0.001 |
| Christian | 296 | 68.5 | 73 | 74.5 | 143 | 71.5 | 80 | 59.7 | | |
| Muslim | 2 | 0.5 | 0 | 0.0 | 1 | 0.5 | 1 | 0.7 | | |
| Atheist | 32 | 7.4 | 4 | 4.1 | 25 | 12.5 | 3 | 2.2 | | |
| Other | 102 | 23.6 | 21 | 21.4 | 31 | 15.5 | 50 | 37.3 | | |
| Frequency of Religious Activity Attendance | | | | | | | | | | <0.001 |
| Never | 139 | 32.2 | 19 | 19.4 | 79 | 39.5 | 41 | 30.6 | | |
| Occasionally | 184 | 42.6 | 46 | 46.9 | 69 | 34.5 | 69 | 51.5 | | |
| Regular | 109 | 25.2 | 33 | 33.7 | 52 | 26.0 | 24 | 17.9 | | |
| Current tobacco smoking frequency | | | | | | | | | | 0.009 |
| Daily | 96 | 22.2 | 15 | 15.3 | 38 | 19.0 | 43 | 32.1 | | |

| | | | | | | | | | |
|---|-----|------|----|-------|-----|------|-----|------|------------------|
| Less than daily | 22 | 5.1 | 7 | 7.1 | 6 | 3.0 | 9 | 6.7 | |
| Not at all | 310 | 71.8 | 75 | 76.5 | 155 | 77.5 | 80 | 59.7 | |
| Don't know | 4 | 0.9 | 1 | 1.0 | 1 | 0.5 | 2 | 1.5 | |
| Has Regular Provider | | | | | | | | | 0.282 |
| No | 69 | 16.0 | 14 | 14.3 | 28 | 14.0 | 27 | 20.1 | |
| Yes | 363 | 84.0 | 84 | 85.7 | 172 | 86.0 | 107 | 79.9 | |
| Has Seen Provider in Last 12 mos | | | | | | | | | 0.413 |
| No | 85 | 19.7 | 16 | 16.3 | 38 | 19.0 | 31 | 23.1 | |
| Yes | 347 | 80.3 | 82 | 83.7 | 162 | 81.0 | 103 | 76.9 | |
| Family History of Cancer | | | | | | | | | 0.366 |
| No | 250 | 57.9 | 62 | 63.3 | 112 | 56.0 | 76 | 56.7 | |
| Yes | 153 | 35.4 | 31 | 31.6 | 77 | 38.5 | 45 | 33.6 | |
| Not sure | 29 | 6.7 | 5 | 5.1 | 11 | 5.5 | 13 | 9.7 | |
| Family History of CRC | | | | | | | | | 0.622 |
| No | 359 | 83.1 | 81 | 82.7 | 165 | 82.5 | 113 | 84.3 | |
| Yes | 33 | 7.6 | 10 | 10.2 | 16 | 8.0 | 7 | 5.2 | |
| Not sure | 40 | 9.3 | 7 | 7.1 | 19 | 9.5 | 14 | 10.4 | |
| Ever Diagnosed with CRC | | | | | | | | | 0.618 |
| No | 429 | 99.3 | 98 | 100.0 | 198 | 99.0 | 133 | 99.3 | |
| Yes | 3 | 0.7 | 0 | 0.0 | 2 | 1.0 | 1 | 0.7 | |
| Did the recent death of Chadwick Boseman increase your awareness of CRC? | | | | | | | | | <0.001 |
| No | 301 | 69.7 | 43 | 43.9 | 148 | 74.0 | 110 | 82.1 | |
| Yes | 131 | 30.3 | 55 | 56.1 | 52 | 26.0 | 24 | 17.9 | |

Supplementary Table 3: Masculinity barriers to medical care scale measures by race/ethnicity among respondents 45+ (n=432)

| | Total | | Black | | White | | AIAN | | P-Value |
|---|-------|-------|-------|-------|-------|-------|------|-------|--------------|
| | No. | Col % | No. | Col % | No. | Col % | No. | Col % | |
| As a provider, I assure the needs of my family are met. | | | | | | | | | 0.559 |
| Not at all | 10 | 2.3 | 1 | 1.0 | 5 | 2.5 | 4 | 3.0 | |
| Slightly True | 12 | 2.8 | 2 | 2.1 | 5 | 2.5 | 5 | 3.7 | |
| Moderately True | 46 | 10.7 | 12 | 12.4 | 24 | 12.0 | 10 | 7.5 | |
| Mostly True | 96 | 22.3 | 16 | 16.5 | 50 | 25.0 | 30 | 22.4 | |
| Completely True | 267 | 61.9 | 66 | 68.0 | 116 | 58.0 | 85 | 63.4 | |
| As a provider, I take risks for my family even if I may get hurt or put myself in danger. | | | | | | | | | 0.003 |
| Not at all | 86 | 20.0 | 21 | 21.6 | 44 | 22.0 | 21 | 15.7 | |
| Slightly True | 49 | 11.4 | 5 | 5.2 | 27 | 13.5 | 17 | 12.7 | |
| Moderately True | 92 | 21.3 | 21 | 21.6 | 47 | 23.5 | 24 | 17.9 | |
| Mostly True | 80 | 18.6 | 17 | 17.5 | 44 | 22.0 | 19 | 14.2 | |
| Completely True | 124 | 28.8 | 33 | 34.0 | 38 | 19.0 | 53 | 39.6 | |
| As a provider, I have been influenced by male family members to be active in my family's life. | | | | | | | | | 0.315 |
| Not at all | 87 | 20.2 | 22 | 22.7 | 39 | 19.5 | 26 | 19.4 | |
| Slightly True | 38 | 8.8 | 8 | 8.2 | 12 | 6.0 | 18 | 13.4 | |
| Moderately True | 87 | 20.2 | 19 | 19.6 | 42 | 21.0 | 26 | 19.4 | |
| Mostly True | 100 | 23.2 | 21 | 21.6 | 55 | 27.5 | 24 | 17.9 | |
| Completely True | 119 | 27.6 | 27 | 27.8 | 52 | 26.0 | 40 | 29.9 | |
| As a provider, I get an extra push to succeed for my family when I believe somebody is expecting me to fail. | | | | | | | | | 0.015 |
| Not at all | 92 | 21.3 | 13 | 13.4 | 43 | 21.5 | 36 | 26.9 | |
| Slightly True | 42 | 9.7 | 7 | 7.2 | 21 | 10.5 | 14 | 10.4 | |
| Moderately True | 98 | 22.7 | 25 | 25.8 | 50 | 25.0 | 23 | 17.2 | |

| | | | | | | | | |
|------------------------|------------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| Mostly True | 93 | 21.6 | 23 | 23.7 | 50 | 25.0 | 20 | 14.9 |
| Completely True | 106 | 24.6 | 29 | 29.9 | 36 | 18.0 | 41 | 30.6 |

When it comes to my health, I figure problems out on my own.

0.006

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 56 | 13.0 | 22 | 22.7 | 19 | 9.5 | 15 | 11.2 |
| Slightly True | 80 | 18.6 | 13 | 13.4 | 41 | 20.5 | 26 | 19.4 |
| Moderately True | 134 | 31.1 | 27 | 27.8 | 74 | 37.0 | 33 | 24.6 |
| Mostly True | 110 | 25.5 | 22 | 22.7 | 50 | 25.0 | 38 | 28.4 |
| Completely True | 51 | 11.8 | 13 | 13.4 | 16 | 8.0 | 22 | 16.4 |

When it comes to my health, I rely on the opinions of others.

0.097

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 106 | 24.6 | 33 | 34.0 | 38 | 19.0 | 35 | 26.1 |
| Slightly True | 104 | 24.1 | 22 | 22.7 | 47 | 23.5 | 35 | 26.1 |
| Moderately True | 124 | 28.8 | 19 | 19.6 | 70 | 35.0 | 35 | 26.1 |
| Mostly True | 64 | 14.8 | 17 | 17.5 | 28 | 14.0 | 19 | 14.2 |
| Completely True | 33 | 7.7 | 6 | 6.2 | 17 | 8.5 | 10 | 7.5 |

When it comes to my health, I make my own decisions.

0.435

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 11 | 2.6 | 5 | 5.2 | 4 | 2.0 | 2 | 1.5 |
| Slightly True | 30 | 7.0 | 9 | 9.3 | 14 | 7.0 | 7 | 5.2 |
| Moderately True | 93 | 21.6 | 21 | 21.6 | 45 | 22.5 | 27 | 20.1 |
| Mostly True | 136 | 31.6 | 29 | 29.9 | 68 | 34.0 | 39 | 29.1 |
| Completely True | 161 | 37.4 | 33 | 34.0 | 69 | 34.5 | 59 | 44.0 |

When it comes to my health, I rely on remedies that others suggest to me.

0.013

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 121 | 28.1 | 36 | 37.1 | 49 | 24.5 | 36 | 26.9 |
| Slightly True | 126 | 29.2 | 28 | 28.9 | 53 | 26.5 | 45 | 33.6 |
| Moderately True | 103 | 23.9 | 11 | 11.3 | 59 | 29.5 | 33 | 24.6 |
| Mostly True | 59 | 13.7 | 13 | 13.4 | 30 | 15.0 | 16 | 11.9 |
| Completely True | 22 | 5.1 | 9 | 9.3 | 9 | 4.5 | 4 | 3.0 |

A problem with my health would be a big deal.

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 17 | 3.9 | 2 | 2.1 | 4 | 2.0 | 11 | 8.2 |
| Slightly True | 45 | 10.4 | 6 | 6.2 | 19 | 9.5 | 20 | 14.9 |
| Moderately True | 110 | 25.5 | 17 | 17.5 | 55 | 27.5 | 38 | 28.4 |
| Mostly True | 118 | 27.4 | 23 | 23.7 | 62 | 31.0 | 33 | 24.6 |
| Completely True | 141 | 32.7 | 49 | 50.5 | 60 | 30.0 | 32 | 23.9 |

<0.001**I wait until I am sure a problem with my health is serious.**

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 105 | 24.4 | 35 | 36.1 | 37 | 18.5 | 33 | 24.6 |
| Slightly True | 89 | 20.6 | 18 | 18.6 | 42 | 21.0 | 29 | 21.6 |
| Moderately True | 116 | 26.9 | 23 | 23.7 | 55 | 27.5 | 38 | 28.4 |
| Mostly True | 87 | 20.2 | 13 | 13.4 | 54 | 27.0 | 20 | 14.9 |
| Completely True | 34 | 7.9 | 8 | 8.2 | 12 | 6.0 | 14 | 10.4 |

0.011**I take action immediately when I have a health problem.**

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 35 | 8.1 | 5 | 5.2 | 16 | 8.0 | 14 | 10.4 |
| Slightly True | 94 | 21.8 | 14 | 14.4 | 50 | 25.0 | 30 | 22.4 |
| Moderately True | 103 | 23.9 | 20 | 20.6 | 59 | 29.5 | 24 | 17.9 |
| Mostly True | 94 | 21.8 | 24 | 24.7 | 39 | 19.5 | 31 | 23.1 |
| Completely True | 105 | 24.4 | 34 | 35.1 | 36 | 18.0 | 35 | 26.1 |

0.013**A problem with my health will go away on its own.**

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 209 | 48.5 | 54 | 55.7 | 83 | 41.5 | 72 | 53.7 |
| Slightly True | 98 | 22.7 | 19 | 19.6 | 52 | 26.0 | 27 | 20.1 |
| Moderately True | 85 | 19.7 | 14 | 14.4 | 48 | 24.0 | 23 | 17.2 |
| Mostly True | 32 | 7.4 | 7 | 7.2 | 14 | 7.0 | 11 | 8.2 |
| Completely True | 7 | 1.6 | 3 | 3.1 | 3 | 1.5 | 1 | 0.7 |

0.183**It is important to talk to others about my feelings.**

| | | | | | | | | |
|---------------|----|------|----|------|----|------|----|------|
| Not at all | 65 | 15.1 | 9 | 9.3 | 29 | 14.5 | 27 | 20.1 |
| Slightly True | 88 | 20.4 | 15 | 15.5 | 49 | 24.5 | 24 | 17.9 |

0.199

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Moderately True | 138 | 32.0 | 37 | 38.1 | 58 | 29.0 | 43 | 32.1 |
| Mostly True | 78 | 18.1 | 18 | 18.6 | 37 | 18.5 | 23 | 17.2 |
| Completely True | 62 | 14.4 | 18 | 18.6 | 27 | 13.5 | 17 | 12.7 |

I believe in remaining strong at all times.

0.223

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 7 | 1.6 | 0 | 0.0 | 4 | 2.0 | 3 | 2.2 |
| Slightly True | 35 | 8.1 | 10 | 10.3 | 20 | 10.0 | 5 | 3.7 |
| Moderately True | 103 | 23.9 | 21 | 21.6 | 52 | 26.0 | 30 | 22.4 |
| Mostly True | 147 | 34.1 | 29 | 29.9 | 68 | 34.0 | 50 | 37.3 |
| Completely True | 139 | 32.3 | 37 | 38.1 | 56 | 28.0 | 46 | 34.3 |

Acknowledging my own emotions is always helpful.

0.003

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 25 | 5.8 | 2 | 2.1 | 10 | 5.0 | 13 | 9.7 |
| Slightly True | 67 | 15.5 | 7 | 7.2 | 34 | 17.0 | 26 | 19.4 |
| Moderately True | 111 | 25.8 | 26 | 26.8 | 61 | 30.5 | 24 | 17.9 |
| Mostly True | 127 | 29.5 | 35 | 36.1 | 58 | 29.0 | 34 | 25.4 |
| Completely True | 101 | 23.4 | 27 | 27.8 | 37 | 18.5 | 37 | 27.6 |

Physical pain in my body would never lead me to show any emotions.

0.001

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 120 | 27.8 | 33 | 34.0 | 64 | 32.0 | 23 | 17.2 |
| Slightly True | 101 | 23.4 | 19 | 19.6 | 49 | 24.5 | 33 | 24.6 |
| Moderately True | 110 | 25.5 | 25 | 25.8 | 56 | 28.0 | 29 | 21.6 |
| Mostly True | 66 | 15.3 | 12 | 12.4 | 23 | 11.5 | 31 | 23.1 |
| Completely True | 34 | 7.9 | 8 | 8.2 | 8 | 4.0 | 18 | 13.4 |

Having medical exams below the waist would disrespect my sexuality.

0.307

| | | | | | | | | |
|-----------------|-----|------|----|------|-----|------|-----|------|
| Not at all | 351 | 81.4 | 76 | 78.4 | 162 | 81.0 | 113 | 84.3 |
| Slightly True | 25 | 5.8 | 3 | 3.1 | 14 | 7.0 | 8 | 6 |
| Moderately True | 36 | 8.4 | 9 | 9.3 | 18 | 9.0 | 9 | 6.7 |
| Mostly True | 15 | 3.5 | 7 | 7.2 | 5 | 2.5 | 3 | 2.2 |

| | | | | | | | | |
|-----------------|---|-----|---|-----|---|-----|---|-----|
| Completely True | 4 | 0.9 | 2 | 2.1 | 1 | 0.5 | 1 | 0.7 |
|-----------------|---|-----|---|-----|---|-----|---|-----|

Medical professionals touching me below the waist is fine when it relates to my health.

0.324

| | | | | | | | | |
|-----------------|-----|------|----|------|-----|------|----|------|
| Not at all | 20 | 4.6 | 7 | 7.2 | 8 | 4.0 | 5 | 3.7 |
| Slightly True | 22 | 5.1 | 5 | 5.2 | 8 | 4.0 | 9 | 6.7 |
| Moderately True | 50 | 11.6 | 14 | 14.4 | 26 | 13.0 | 10 | 7.5 |
| Mostly True | 89 | 20.6 | 19 | 19.6 | 47 | 23.5 | 23 | 17.2 |
| Completely True | 250 | 58 | 52 | 53.6 | 111 | 55.5 | 87 | 64.9 |

Health problems below the waist would be embarrassing to me.

0.045

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 174 | 40.4 | 44 | 45.4 | 65 | 32.5 | 65 | 48.5 |
| Slightly True | 90 | 20.9 | 20 | 20.6 | 43 | 21.5 | 27 | 20.1 |
| Moderately True | 84 | 19.5 | 18 | 18.6 | 47 | 23.5 | 19 | 14.2 |
| Mostly True | 51 | 11.8 | 11 | 11.3 | 30 | 15.0 | 10 | 7.5 |
| Completely True | 32 | 7.4 | 4 | 4.1 | 15 | 7.5 | 13 | 9.7 |

I would be comfortable with others knowing about health problems below the waist.

0.994

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 119 | 27.6 | 29 | 29.9 | 56 | 28.0 | 34 | 25.4 |
| Slightly True | 82 | 19 | 18 | 18.6 | 40 | 20.0 | 24 | 17.9 |
| Moderately True | 104 | 24.1 | 21 | 21.6 | 49 | 24.5 | 34 | 25.4 |
| Mostly True | 65 | 15.1 | 15 | 15.5 | 28 | 14.0 | 22 | 16.4 |
| Completely True | 61 | 14.2 | 14 | 14.4 | 27 | 13.5 | 20 | 14.9 |

Medical professionals want men of my race to live a long time.

0.002

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 30 | 7 | 9 | 9.3 | 9 | 4.5 | 12 | 9 |
| Slightly True | 39 | 9 | 15 | 15.5 | 9 | 4.5 | 15 | 11.2 |
| Moderately True | 110 | 25.5 | 27 | 27.8 | 54 | 27.0 | 29 | 21.6 |
| Mostly True | 126 | 29.2 | 29 | 29.9 | 54 | 27.0 | 43 | 32.1 |
| Completely True | 126 | 29.2 | 17 | 17.5 | 74 | 37.0 | 35 | 26.1 |

Men of my race are treated like guinea pigs by medical professionals.

| | | | | | | | | |
|-----------------|-----|------|----|------|-----|------|----|------|
| Not at all | 214 | 49.7 | 23 | 23.7 | 129 | 64.5 | 62 | 46.3 |
| Slightly True | 84 | 19.5 | 26 | 26.8 | 28 | 14.0 | 30 | 22.4 |
| Moderately True | 82 | 19 | 29 | 29.9 | 27 | 13.5 | 26 | 19.4 |
| Mostly True | 27 | 6.3 | 9 | 9.3 | 10 | 5.0 | 8 | 6 |
| Completely True | 24 | 5.6 | 10 | 10.3 | 6 | 3.0 | 8 | 6 |

<0.001

Men of my race trust medical professionals.

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 34 | 7.9 | 11 | 11.3 | 5 | 2.5 | 18 | 13.4 |
| Slightly True | 73 | 16.9 | 30 | 30.9 | 17 | 8.5 | 26 | 19.4 |
| Moderately True | 129 | 29.9 | 27 | 27.8 | 59 | 29.5 | 43 | 32.1 |
| Mostly True | 138 | 32 | 23 | 23.7 | 76 | 38.0 | 39 | 29.1 |
| Completely True | 57 | 13.2 | 6 | 6.2 | 43 | 21.5 | 8 | 6 |

<0.001

Men of my race rarely receive quality medical care.

| | | | | | | | | |
|-----------------|-----|------|----|------|----|------|----|------|
| Not at all | 137 | 31.8 | 16 | 16.5 | 87 | 43.5 | 34 | 25.4 |
| Slightly True | 74 | 17.2 | 22 | 22.7 | 22 | 11.0 | 30 | 22.4 |
| Moderately True | 95 | 22 | 28 | 28.9 | 32 | 16.0 | 35 | 26.1 |
| Mostly True | 74 | 17.2 | 21 | 21.6 | 34 | 17.0 | 19 | 14.2 |
| Completely True | 51 | 11.8 | 10 | 10.3 | 25 | 12.5 | 16 | 11.9 |

<0.001

Supplementary Table 4: Associations of masculinity barriers to health care with intention to screen for CRC among racial ethnic minority men aged 45 years and above

| | Black Adult Men | | | White Adult Men | | | AIAN Adult Men | | |
|--------------------------------|-----------------|-------------|-------------|-----------------|-------------|-------------|----------------|-------------|-------------|
| | OR | 95% CI | | OR | 95% CI | | OR | 95% CI | |
| Overall Scale Score | 1.76 | 0.57 | 5.45 | 0.50 | 0.28 | 1.05 | 0.34 | 0.14 | 0.84 |
| Provider Role | 0.68 | 0.25 | 1.84 | 0.71 | 0.38 | 1.33 | 1.04 | 0.46 | 2.35 |
| Health-Related Self-Reliance | 1.85 | 0.66 | 5.13 | 1.82 | 1.00 | 3.35 | 0.88 | 0.38 | 2.02 |
| Health Problem Minimization | 0.93 | 0.31 | 2.74 | 0.45 | 0.24 | 0.85 | 0.39 | 0.15 | 1.00 |
| Restrictive Emotionality | 0.44 | 0.24 | 0.82 | 0.44 | 0.24 | 0.82 | 0.45 | 0.19 | 1.04 |
| Fear of being Perceived as Gay | 2.28 | 0.76 | 6.79 | 0.76 | 0.41 | 1.41 | 1.06 | 0.44 | 2.58 |
| Medical Mistrust | 2.18 | 0.80 | 5.95 | 0.32 | 0.16 | 0.66 | 1.12 | 0.47 | 2.65 |

Adjusted for age, marital status, educational attainment, insurance status, regular provider, family history of CRC