

Appendix B. Unadjusted bivariate and multivariate analyses by country

Table 4. Unadjusted bivariate analyses, by country, of sociodemographic information, COVID-19 perceptions, food insecurity, and self-reported delays in care-seeking using chi-square tests

| | <i>Burkina Faso</i> | | | | <i>Ghana</i> | | | | <i>Sierra Leone</i> | | | |
|--|---------------------|------|-------|----------------|--------------|------|--------------------|----------------|---------------------|------|-------|----------------|
| | # | % | Delay | <i>p</i> value | # | % | Delay ¹ | <i>p</i> value | # | % | Delay | <i>p</i> value |
| Total | 114 | | 8.43 | | | | 10.4 | | 64 | | 4.9 | |
| Age | | | | 0.01** | | | | 0.13 | | | | 0.54 |
| 18-30 | 749 | 55.4 | 6.8 | | 914 | 56.4 | 9.2 | | 648 | 49.7 | 4.3 | |
| 31-40 | 344 | 25.4 | 12.2 | | 422 | 26.0 | 12.8 | | 429 | 32.9 | 5.8 | |
| 41+ | 264 | 19.2 | 8.1 | | 285 | 17.6 | 10.5 | | 227 | 17.4 | 4.9 | |
| Gender | | | | 0.008** | | | | 0.27 | | | | 0.69 |
| Male | 932 | 68.9 | 7.1 | | 1000 | 61.7 | 9.7 | | 844 | 64.9 | 5.1 | |
| Female | 420 | 31.1 | 11.4 | | 621 | 38.3 | 11.4 | | 457 | 35.1 | 4.6 | |
| Location | | | | 0.84 | | | | 0.32 | | | | 0.62 |
| Urban | 901 | 66.4 | 8.3 | | 1103 | 32.0 | 9.3 | | 1176 | 90.4 | 5.0 | |
| Non-Urban | 456 | 33.6 | 8.7 | | 518 | 68.0 | 10.9 | | 125 | 9.6 | 4.0 | |
| Highest level of education completed | | | | 0.94 | | | | 0.49 | | | | 0.07 |
| Less than secondary | 487 | 36.0 | 8.2 | | 542 | 33.5 | 10.2 | | 479 | 36.9 | 4.8 | |
| Secondary or vocational | 338 | 25.0 | 8.9 | | 584 | 36.1 | 9.4 | | 484 | 37.2 | 3.9 | |
| Post-secondary | 527 | 39.0 | 8.4 | | 491 | 30.4 | 11.6 | | 297 | 22.9 | 7.4 | |
| Other | | | | | | | | | 40 | 3.1 | 0.0 | |
| Days in the past week staying at home all day, without going out at all and without | | | | 0.51 | | | | 0.20 | | | | 0.91 |

| | | | | | | | | | | | | |
|--|-----|------|------|------|------|------|------|----------------|------|------|------|----------------|
| receiving any visits | | | | | | | | | | | | |
| Never (0) | 515 | 38.1 | 7.0 | | 366 | 22.7 | 9.6 | | 401 | 30.8 | 5.5 | |
| Once (1) | 139 | 10.3 | 9.4 | | 137 | 8.5 | 7.3 | | 177 | 13.6 | 5.1 | |
| Some days (2-3) | 231 | 17.1 | 7.8 | | 266 | 16.5 | 8.7 | | 235 | 18.1 | 4.7 | |
| Most days (4-6) | 159 | 11.8 | 10.1 | | 360 | 22.3 | 10.3 | | 250 | 19.2 | 5.2 | |
| Every day (7) | 308 | 22.8 | 10.6 | | 486 | 30.1 | 13.0 | | 238 | 18.3 | 3.8 | |
| Feels that they or anyone in the household is at risk of contracting COVID-19 | | | | 0.13 | | | | 0.004** | | | | 0.000** |
| No | 777 | 60.9 | 7.7 | | 1158 | 73.5 | 8.9 | | 1039 | 80.2 | 3.9 | |
| Yes | 500 | 39.2 | 10.2 | | 418 | 26.5 | 13.9 | | 257 | 19.8 | 9.3 | |
| Perception of the government's reaction to COVID-19 outbreak | | | | 0.10 | | | | 0.35 | | | | 0.01** |
| Much too extreme | 98 | 7.3 | 13.3 | | 53 | 3.4 | 13.2 | | 48 | 3.7 | 14.6 | |
| Somewhat too extreme | 109 | 8.1 | 11.9 | | 40 | 2.6 | 5.0 | | 164 | 12.7 | 7.9 | |
| Appropriate | 855 | 63.2 | 7.1 | | 1078 | 68.7 | 10.1 | | 944 | 73.1 | 4.1 | |
| Somewhat insufficient | 145 | 10.7 | 7.6 | | 145 | 9.2 | 14.5 | | 109 | 8.4 | 3.7 | |
| Not sufficient | 145 | 10.7 | 11.0 | | 254 | 16.2 | 9.8 | | 27 | 2.1 | 3.7 | |
| Amount of pay earned in the past week² | | | | 0.29 | | | | 0.77 | | | | 0.38 |
| More or the same income | 462 | 61.0 | 10.8 | | 297 | 28.1 | 9.8 | | 201 | 19.8 | 4.0 | |

| | | | | | | | | | | | | |
|---|------|------|------|----------------|------|------|------|----------------|-----|------|-----|--------------|
| Less or no income | 295 | 39.0 | 8.5 | | 761 | 71.9 | 10.4 | | 813 | 80.2 | 5.5 | |
| Days in the past week where they had to limit portion size at meal-times | | | | 0.000** | | | | 0.001** | | | | 0.02* |
| No | 1009 | 74.4 | 6.7 | | 925 | 57.1 | 8.2 | | 733 | 56.2 | 3.7 | |
| Yes | 348 | 25.6 | 13.4 | | 696 | 42.9 | 13.2 | | 571 | 43.8 | 6.5 | |
| Days in the past week where they had to reduce the number of meals eaten in a day | | | | 0.002** | | | | 0.01** | | | | 0.02* |
| No | 1006 | 74.1 | 7.1 | | 860 | 53.1 | 8.6 | | 747 | 57.3 | 3.8 | |
| Yes | 351 | 25.9 | 12.4 | | 761 | 47.0 | 12.4 | | 557 | 42.7 | 6.5 | |
| Days in the past week where they were unable to buy food due to drop in household income | | | | 0.004** | | | | 0.001** | | | | 0.21 |
| No | 691 | 52.4 | 6.4 | | 674 | 42.9 | 7.6 | | 385 | 30.4 | 3.9 | |
| Yes | 629 | 47.7 | 10.8 | | 898 | 57.1 | 12.7 | | 880 | 69.6 | 5.6 | |
| Food insecurity³ | | | | 0.000** | | | | 0.009** | | | | 0.10 |
| No | 624 | 46.0 | 5.5 | | 502 | 30.7 | 7.4 | | 315 | 24.2 | 3.2 | |
| Yes | 733 | 54.0 | 11.0 | | 1131 | 69.3 | 11.7 | | 989 | 75.8 | 5.5 | |

* $p < 0.05$

** $p < 0.01$

²Compared to a week in mid-March

³Smaller portions, reducing number of meals, or unable to buy food

Table 5. Unadjusted multivariate logistic regression of associations of delays in care-seeking with sociodemographic information, COVID-19 beliefs, income, and food insecurity, by country

| Variable | Burkina Faso | | Ghana | | Sierra Leone | |
|---|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| | Adjusted OR [CI] | <i>p</i> value | Adjusted OR [CI] | <i>p</i> value | Adjusted OR [CI] | <i>p</i> value |
| Age | | | | | n/a ¹ | |
| 18-30 (Reference) | - | - | - | - | - | - |
| 31-40 | 2.06 [1.32-3.21] | 0.001** | 1.47 [0.99-2.17] | 0.05* | - | - |
| 41+ | 1.29 [0.74-2.23] | 0.37 | 1.32 [0.83-2.09] | 0.24 | - | - |
| Gender | | | n/a | | n/a | |
| Male (Reference) | - | - | - | - | - | - |
| Female | 1.76 [1.17-2.65] | 0.01** | - | - | - | - |
| Location | n/a | | | | n/a | |
| Non-Urban (Reference) | - | - | - | - | - | - |
| Urban | - | - | 0.89 [0.62-1.28] | 0.53 | - | - |
| Highest level of education completed | n/a | | | | n/a | |
| Less than secondary (Reference) | - | - | - | - | - | - |
| Secondary or vocational | - | - | 1.08 [0.71-1.65] | 0.73 | - | - |
| Post-secondary | - | - | 1.15 [0.74-1.78] | 0.53 | - | - |
| Feels that someone household is at risk of | | | | | | |

| | | | | | | |
|---|------------------|---------------|-------------------|--------------|-------------------|---------------|
| contracting COVID-19 | | | | | | |
| No (Reference) | - | - | - | - | - | - |
| Yes | 1.76 [1.17-2.65] | 0.01** | 1.56 [1.09-2.23]] | 0.02* | 2.21 [1.22-4.01] | 0.01** |
| Perception of government's reaction to COVID-19 outbreak | n/a | | | | | |
| Much too extreme (Reference) | - | - | - | - | - | - |
| Somewhat too extreme | - | - | 0.31 [0.06-1.60] | 0.16 | 0.50 [0.17-1.46] | 0.21 |
| Appropriate | - | - | 0.61 [0.27-1.41] | 0.25 | 0.28 [0.11-0.72] | 0.01** |
| Somewhat insufficient | - | - | 0.90 [0.35-2.31] | 0.83 | 0.18 [0.04-0.79]] | 0.02* |
| Not sufficient | - | - | 0.61 [0.24-1.52] | 0.29 | 0.27 [0.03-2.46] | 0.25 |
| Amount of pay earned in the past week² | n/a | | n/a | | | |
| More or the same income (Reference) | - | - | - | - | - | - |
| Less or no income | - | - | - | - | 0.81 [0.36-1.78] | 0.60 |
| Food insecurity³ | | | | | | |
| No (Reference) | - | - | - | - | - | - |

| | | | | | | |
|-----|------------------|----------------|------------------|---------------|------------------|------|
| Yes | 2.04 [1.34-3.13] | 0.001** | 1.56 [1.10-2.21] | 0.01** | 1.61 [0.73-3.52] | 0.24 |
|-----|------------------|----------------|------------------|---------------|------------------|------|

¹Not analyzed due to lack of significance in bivariate analyses

²Compared to a week in mid-March

³Smaller portions, reducing number of meals, or unable to buy food

* $p \leq 0.05$

** $p \leq 0.01$

Table 6. Unadjusted bivariate country analyses of self-reported reasons for delays in care-seeking and access, sociodemographic information, and food insecurity among individuals who reported delays in care-seeking

| | Burkina Faso (n=114) | | | | | Ghana (n=168) | | | | | Sierra Leone (n=64) | | | | |
|---|----------------------|------|----------------|---------|----------------|---------------|------|----------------|---------|----------------|---------------------|------|----------------|---------|----------------|
| | # | Cost | <i>P</i> value | Concern | <i>P</i> value | # | Cost | <i>P</i> value | Concern | <i>p</i> value | # | Cost | <i>P</i> value | Concern | <i>P</i> value |
| Total | | 11.5 | | 85.3 | | 49 | 29.2 | | 63.1 | | | 40.6 | | 50.0 | |
| Gender | | | 0.41 | | 0.37 | | | 0.03* | | 0.11 | | | 0.41 | | 0.06 |
| Male | 66 | 6.1 | | 78.8 | | 97 | 35.4 | | 56.0 | | 43 | 44.2 | | 41.9 | |
| Female | 48 | 14.6 | | 85.4 | | 71 | 21.9 | | 69.7 | | 21 | 33.3 | | 66.7 | |
| Location | | | 0.68 | | 0.15 | | | 0.97 | | 0.89 | | | 0.98 | | 0.64 |
| Urban | 75 | 8.0 | | 85.3 | | 120 | 27.6 | | 64.8 | | 59 | 40.7 | | 49.2 | |
| Non-Urban | 39 | 12.8 | | 74.4 | | 48 | 27.8 | | 63.5 | | 5 | 40.0 | | 60.0 | |
| Highest level of education completed | | | 0.10 | | 0.40 | | | 0.15 | | 0.39 | | | 0.98 | | 0.56 |
| Less than secondary | 40 | 15.0 | | 84.1 | | 55 | 35.6 | | 56.8 | | 23 | 39.1 | | 43.5 | |
| Secondary or vocational | 30 | 13.3 | | 73.3 | | 55 | 30.8 | | 64.3 | | 13 | 42.1 | | 47.4 | |
| Post-secondary | 44 | 2.3 | | 85.0 | | 57 | 18.5 | | 70.7 | | 28 | 40.9 | | 59.1 | |
| Food insecurity¹ | | | 0.11 | | 0.89 | | | 0.02* | | 0.35 | | | 0.03* | | 0.17 |
| No | 34 | 2.9 | | 82.4 | | 53 | 16.7 | | 68.8 | | 10 | 10.0 | | 70.0 | |
| Yes | 80 | 12.5 | | 81.3 | | 115 | 35.3 | | 60.3 | | 54 | 46.3 | | 46.3 | |

* $p < 0.05$

** $p < 0.01$

¹Smaller portions, reducing number of meals, or unable to buy food