

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol**

|                                    | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                    | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                    | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>Effects of drinking alcohol</b> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| <b>RELAXED</b>                     |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true                    | 111              | 47.6 | 22  | 50.0 | 172                  | 16.5 | 76  | 24.4 | 256             | 24.0 | 65  | 46.4 | 49            | 7.9  | 8   | 12.5 |
| Often true                         | 55               | 23.6 | 16  | 36.4 | 170                  | 16.3 | 84  | 27.0 | 417             | 39.0 | 56  | 40.0 | 230           | 37.2 | 26  | 40.6 |
| Sometimes true                     | 34               | 14.6 | 4   | 9.1  | 302                  | 28.9 | 88  | 28.3 | 301             | 28.2 | 12  | 8.6  | 235           | 38.0 | 22  | 34.4 |
| Rarely true                        | 21               | 9.0  | 1   | 2.3  | 202                  | 19.3 | 35  | 11.3 | 74              | 6.9  | 7   | 5    | 56            | 9.1  | 4   | 6.3  |
| Never true                         | 12               | 5.2  | 1   | 2.3  | 198                  | 19.0 | 28  | 9    | 20              | 1.9  | -   | -    | 48            | 7.8  | 4   | 6.3  |
| <b>HAPPY</b>                       |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true                    | 100              | 43.3 | 17  | 38.6 | 159                  | 15.3 | 88  | 28.4 | 152             | 14.6 | 47  | 34.8 | 48            | 7.8  | 6   | 9.4  |
| Often true                         | 44               | 19   | 17  | 38.6 | 200                  | 19.2 | 92  | 29.7 | 299             | 28.7 | 40  | 29.6 | 216           | 35.1 | 24  | 37.5 |
| Sometimes true                     | 51               | 22.1 | 5   | 11.4 | 297                  | 28.5 | 71  | 22.9 | 363             | 34.9 | 32  | 23.7 | 217           | 35.3 | 23  | 35.9 |
| Rarely true                        | 22               | 9.5  | 4   | 9.1  | 168                  | 16.1 | 29  | 9.4  | 141             | 13.6 | 11  | 8.1  | 81            | 13.2 | 7   | 10.9 |
| Never true                         | 14               | 6.1  | 1   | 2.3  | 218                  | 20.9 | 30  | 9.7  | 85              | 8.2  | 5   | 3.7  | 53            | 8.6  | 4   | 6.3  |
| <b>AGGRESSIVE</b>                  |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true                    | 1                | 0.4  | -   | -    | 9                    | 0.9  | 14  | 4.5  | 13              | 1.3  | 7   | 5.1  | 1             | 0.2  | -   | -    |
| Often true                         | 7                | 3.0  | 3   | 6.8  | 14                   | 1.3  | 12  | 3.9  | 29              | 2.8  | 14  | 10.3 | 5             | 0.8  | 1   | 1.6  |
| Sometimes true                     | 23               | 9.9  | 3   | 6.8  | 43                   | 4.1  | 22  | 7.1  | 91              | 8.8  | 34  | 25.0 | 42            | 6.9  | 7   | 11.5 |
| Rarely true                        | 45               | 19.4 | 4   | 9.1  | 103                  | 9.9  | 54  | 17.4 | 214             | 20.7 | 41  | 30.1 | 161           | 26.4 | 27  | 44.3 |
| Never true                         | 156              | 67.2 | 34  | 77.3 | 874                  | 83.8 | 208 | 67.1 | 686             | 66.4 | 40  | 29.4 | 400           | 65.7 | 26  | 42.6 |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                        | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                        | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                        | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>FRIENDLY</b>        |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true        | 33               | 14.3 | 7   | 15.9 | 110                  | 10.6 | 45  | 14.6 | 182             | 17.5 | 34  | 24.8 | 31            | 5.1  | 3   | 4.8  |
| Often true             | 69               | 30.0 | 10  | 22.7 | 144                  | 13.9 | 74  | 24.0 | 363             | 34.9 | 51  | 37.2 | 131           | 21.4 | 26  | 41.3 |
| Sometimes true         | 52               | 22.6 | 9   | 20.5 | 278                  | 26.8 | 100 | 32.5 | 350             | 33.7 | 41  | 29.9 | 218           | 35.6 | 12  | 19.0 |
| Rarely true            | 17               | 7.4  | 10  | 22.7 | 178                  | 17.1 | 44  | 14.3 | 100             | 9.6  | 7   | 5.1  | 142           | 23.2 | 13  | 20.6 |
| Never true             | 59               | 25.7 | 8   | 18.2 | 328                  | 31.6 | 45  | 14.6 | 45              | 4.3  | 4   | 2.9  | 90            | 14.7 | 9   | 14.3 |
| <b>EASIER TO TALK</b>  |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true        | 19               | 8.2  | 9   | 20.0 | 90                   | 8.6  | 41  | 13.2 | 130             | 12.4 | 38  | 27.7 | 24            | 3.9  | 2   | 3.1  |
| Often true             | 24               | 10.3 | 9   | 20.0 | 124                  | 11.9 | 54  | 17.4 | 338             | 32.3 | 56  | 40.9 | 98            | 16.0 | 22  | 34.4 |
| Sometimes true         | 69               | 29.7 | 10  | 22.2 | 204                  | 19.6 | 73  | 23.5 | 340             | 32.5 | 32  | 23.4 | 182           | 29.7 | 17  | 26.6 |
| Rarely true            | 41               | 17.7 | 4   | 8.9  | 161                  | 15.5 | 54  | 17.4 | 144             | 13.8 | 9   | 6.6  | 154           | 25.1 | 15  | 23.4 |
| Never true             | 79               | 34.1 | 13  | 28.9 | 462                  | 44.4 | 88  | 28.4 | 95              | 9.1  | 2   | 1.5  | 155           | 25.3 | 8   | 12.5 |
| <b>FORGET PROBLEMS</b> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true        | 16               | 6.9  | 6   | 14.0 | 67                   | 6.4  | 27  | 8.7  | 107             | 10.2 | 45  | 32.6 | 23            | 3.7  | 1   | 1.5  |
| Often true             | 21               | 9.1  | 7   | 16.3 | 68                   | 6.5  | 58  | 18.6 | 265             | 25.4 | 43  | 31.2 | 91            | 14.8 | 20  | 30.8 |
| Sometimes true         | 51               | 22.0 | 9   | 20.9 | 146                  | 14.0 | 58  | 18.6 | 335             | 32.1 | 32  | 23.2 | 158           | 25.6 | 20  | 30.8 |
| Rarely true            | 43               | 18.5 | 7   | 16.3 | 172                  | 16.5 | 45  | 14.5 | 183             | 17.5 | 13  | 9.4  | 173           | 28.1 | 14  | 21.5 |
| Never true             | 101              | 43.5 | 14  | 32.6 | 587                  | 56.4 | 123 | 39.5 | 155             | 14.8 | 5   | 3.6  | 171           | 27.8 | 10  | 15.4 |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                             | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|-----------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                             | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                             | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>REGRET</b>               |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true             | 5                | 2.2  | -   | -    | 18                   | 1.7  | 7   | 2.3  | 31              | 3.0  | 8   | 5.9  | 2             | 0.3  | -   | -    |
| Often true                  | 7                | 3.0  | 1   | 2.3  | 29                   | 2.8  | 19  | 6.1  | 60              | 5.8  | 21  | 15.4 | 16            | 2.6  | 2   | 3.3  |
| Sometimes true              | 16               | 6.9  | 7   | 15.9 | 80                   | 7.7  | 55  | 17.7 | 144             | 14.0 | 45  | 33.1 | 42            | 6.9  | 8   | 13.3 |
| Rarely true                 | 27               | 11.6 | 1   | 2.3  | 154                  | 14.8 | 53  | 17.1 | 271             | 26.4 | 38  | 27.9 | 140           | 23.1 | 18  | 30.0 |
| Never true                  | 177              | 76.3 | 35  | 79.5 | 763                  | 73.1 | 176 | 56.8 | 522             | 50.8 | 24  | 17.6 | 406           | 67.0 | 32  | 53.3 |
| <b>SEX MORE PLEASURABLE</b> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true             | 35               | 16.0 | 7   | 15.9 | 45                   | 4.4  | 27  | 8.8  | 44              | 5.3  | 18  | 14.9 | 8             | 1.9  | 1   | 2.0  |
| Often true                  | 41               | 18.7 | 7   | 15.9 | 38                   | 3.7  | 29  | 9.4  | 142             | 17.0 | 37  | 30.6 | 36            | 8.6  | 4   | 8.0  |
| Sometimes true              | 45               | 20.5 | 11  | 25.0 | 154                  | 15.0 | 81  | 26.3 | 260             | 31.2 | 28  | 23.1 | 81            | 19.3 | 12  | 24.0 |
| Rarely true                 | 28               | 12.8 | 3   | 6.8  | 129                  | 12.5 | 40  | 13.0 | 171             | 20.5 | 22  | 18.2 | 95            | 22.6 | 12  | 24.0 |
| Never true                  | 70               | 32   | 16  | 36.4 | 662                  | 64.4 | 131 | 42.5 | 216             | 25.9 | 16  | 13.2 | 200           | 47.6 | 21  | 42.0 |
| <b>FEEL MORE ATTRACTIVE</b> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true             | 31               | 14.1 | 8   | 18.6 | 30                   | 2.9  | 14  | 4.5  | 88              | 10.0 | 32  | 25.0 | 5             | 1.1  | 1   | 1.9  |
| Often true                  | 39               | 17.7 | 9   | 20.9 | 26                   | 2.5  | 19  | 6.2  | 183             | 20.7 | 23  | 18.0 | 27            | 5.7  | 3   | 5.8  |
| Sometimes true              | 36               | 16.4 | 10  | 23.3 | 104                  | 10.0 | 61  | 19.8 | 292             | 33.1 | 41  | 32.0 | 69            | 14.6 | 8   | 15.4 |
| Rarely true                 | 31               | 14.1 | 4   | 9.3  | 128                  | 12.3 | 47  | 15.3 | 145             | 16.4 | 20  | 15.6 | 101           | 21.4 | 11  | 21.2 |
| Never true                  | 83               | 37.7 | 12  | 27.9 | 749                  | 72.2 | 167 | 54.2 | 174             | 19.7 | 12  | 9.4  | 270           | 57.2 | 29  | 55.8 |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                            | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|----------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                            | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                            | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>TROUBLE WITH POLICE</b> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true            | -                | -    | -   | -    | 4                    | 0.4  | 4   | 1.3  | 7               | 0.7  | -   | -    | -             | -    | -   | -    |
| Often true                 | 4                | 1.7  | -   | -    | 9                    | 0.9  | 5   | 1.6  | 13              | 1.3  | -   | -    | 4             | 0.7  | -   | -    |
| Sometimes true             | 3                | 1.3  | -   | -    | 17                   | 1.6  | 17  | 5.5  | 42              | 4.0  | 19  | 13.9 | 18            | 3.0  | 1   | 1.8  |
| Rarely true                | 18               | 7.8  | 5   | 11.4 | 48                   | 4.6  | 25  | 8.1  | 99              | 9.5  | 27  | 19.7 | 38            | 6.4  | 8   | 14.0 |
| Never true                 | 205              | 89.1 | 39  | 88.6 | 967                  | 92.5 | 259 | 83.5 | 877             | 84.5 | 91  | 66.4 | 535           | 89.9 | 48  | 84.2 |
| <b>FUN</b>                 |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true            | 84               | 36.2 | 11  | 24.4 | 300                  | 28.8 | 153 | 49.7 | 169             | 15.8 | 43  | 30.9 | 11            | 1.8  | 1   | 1.6  |
| Often true                 | 60               | 25.9 | 10  | 22.2 | 281                  | 27.0 | 94  | 30.5 | 344             | 32.2 | 52  | 37.4 | 79            | 13.1 | 14  | 22.2 |
| Sometimes true             | 47               | 20.3 | 13  | 28.9 | 231                  | 22.2 | 46  | 14.9 | 341             | 32.0 | 33  | 23.7 | 217           | 36.1 | 16  | 25.4 |
| Rarely true                | 13               | 5.6  | 4   | 8.9  | 85                   | 8.2  | 8   | 2.6  | 131             | 12.3 | 6   | 4.3  | 149           | 24.8 | 18  | 28.6 |
| Never true                 | 28               | 12.1 | 7   | 15.6 | 144                  | 13.8 | 7   | 2.3  | 82              | 7.7  | 5   | 3.6  | 145           | 24.1 | 14  | 22.2 |
| <b>BLACK OUT</b>           |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very often true            | 3                | 1.3  | -   | -    | 13                   | 1.2  | 5   | 1.6  | 14              | 1.3  | 1   | 0.7  | 9             | 1.5  | -   | -    |
| Often true                 | 3                | 1.3  | -   | -    | 14                   | 1.3  | 13  | 4.2  | 37              | 3.5  | 15  | 10.9 | 24            | 4.0  | 3   | 4.7  |
| Sometimes true             | 14               | 6.0  | 3   | 7.0  | 55                   | 5.3  | 54  | 17.4 | 65              | 6.2  | 27  | 19.7 | 97            | 16.1 | 13  | 20.3 |
| Rarely true                | 20               | 8.6  | 6   | 14.0 | 156                  | 14.9 | 65  | 20.9 | 192             | 18.2 | 52  | 38.0 | 141           | 23.3 | 24  | 37.5 |
| Never true                 | 3                | 1.3  | -   | -    | 13                   | 1.2  | 5   | 1.6  | 14              | 1.3  | 1   | 0.7  | 9             | 1.5  | -   | -    |

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|                                                                 | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|-----------------------------------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                                                 | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                                                 | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <i>Importance of the following reasons for drinking alcohol</i> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| <b>HEALTH</b>                                                   |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                                                  | 11               | 4.8  | 4   | 9.1  | 19                   | 1.8  | 9   | 2.9  | 103             | 10.0 | 19  | 14.2 | 71            | 11.7 | 2   | 3.2  |
| Important                                                       | 23               | 10.0 | 13  | 29.5 | 94                   | 9.0  | 14  | 4.5  | 257             | 24.9 | 34  | 25.4 | 214           | 35.1 | 7   | 11.1 |
| Not very important                                              | 19               | 8.3  | 10  | 22.7 | 151                  | 14.5 | 43  | 14.0 | 314             | 30.4 | 44  | 32.8 | 185           | 30.4 | 36  | 57.1 |
| Not at all important                                            | 176              | 76.9 | 17  | 38.6 | 779                  | 74.7 | 242 | 78.6 | 359             | 34.8 | 37  | 27.6 | 139           | 22.8 | 18  | 28.6 |
| <b>FEEL GOOD</b>                                                |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                                                  | 90               | 38.6 | 15  | 34.1 | 35                   | 3.3  | 27  | 8.7  | 160             | 15.3 | 23  | 17.0 | 32            | 5.2  | 5   | 7.9  |
| Important                                                       | 91               | 39.1 | 23  | 52.3 | 216                  | 20.7 | 107 | 34.6 | 411             | 39.2 | 63  | 46.7 | 198           | 32.0 | 16  | 25.4 |
| Not very important                                              | 31               | 13.3 | 5   | 11.4 | 313                  | 30.0 | 88  | 28.5 | 266             | 25.4 | 30  | 22.2 | 252           | 40.8 | 34  | 54.0 |
| Not at all important                                            | 21               | 9.0  | 1   | 2.3  | 481                  | 46.0 | 87  | 28.2 | 211             | 20.1 | 19  | 14.1 | 136           | 22   | 8   | 12.7 |
| <b>FORGET WORRIES</b>                                           |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                                                  | 21               | 9.2  | 5   | 11.4 | 24                   | 2.3  | 12  | 3.9  | 172             | 16.3 | 43  | 31.4 | 24            | 3.9  | 2   | 3.1  |
| Important                                                       | 32               | 14.0 | 14  | 31.8 | 124                  | 11.9 | 90  | 29.0 | 405             | 38.3 | 61  | 44.5 | 141           | 23.0 | 18  | 28.1 |
| Not very important                                              | 76               | 33.3 | 8   | 18.2 | 240                  | 23.1 | 73  | 23.5 | 294             | 27.8 | 26  | 19.0 | 248           | 40.4 | 31  | 48.4 |
| Not at all important                                            | 99               | 43.4 | 17  | 38.6 | 652                  | 62.7 | 135 | 43.5 | 187             | 17.7 | 7   | 5.1  | 201           | 32.7 | 13  | 20.3 |

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|                      | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|----------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                      | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                      | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>INHIBITION</b>    |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important       | 17               | 7.5  | 4   | 9.3  | 32                   | 3.1  | 22  | 7.2  | 129             | 12.2 | 27  | 19.6 | 30            | 4.9  | 3   | 4.6  |
| Important            | 38               | 16.7 | 3   | 7.0  | 182                  | 17.5 | 83  | 27.0 | 349             | 33.0 | 58  | 42.0 | 104           | 16.9 | 9   | 13.8 |
| Not very important   | 62               | 27.2 | 14  | 32.6 | 244                  | 23.4 | 76  | 24.8 | 305             | 28.8 | 36  | 26.1 | 269           | 43.8 | 37  | 56.9 |
| Not at all important | 111              | 48.7 | 22  | 51.2 | 584                  | 56.0 | 126 | 41.0 | 275             | 26.0 | 17  | 12.3 | 211           | 34.4 | 16  | 24.6 |
| <b>CELEBRATE</b>     |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important       | 144              | 62.3 | 26  | 57.8 | 362                  | 34.7 | 162 | 52.4 | 503             | 47.1 | 68  | 49.6 | 119           | 19.0 | 15  | 23.4 |
| Important            | 65               | 28.1 | 15  | 33.3 | 469                  | 45.0 | 121 | 39.2 | 442             | 41.3 | 49  | 35.8 | 363           | 58.0 | 36  | 56.3 |
| Not very important   | 12               | 5.2  | 1   | 2.2  | 151                  | 14.5 | 13  | 4.2  | 92              | 8.6  | 16  | 11.7 | 99            | 15.8 | 10  | 15.6 |
| Not at all important | 10               | 4.3  | 3   | 6.7  | 61                   | 5.8  | 13  | 4.2  | 32              | 3.0  | 4   | 2.9  | 45            | 7.2  | 3   | 4.7  |
| <b>TASTE</b>         |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important       | 3                | 1.3  | 3   | 6.8  | 115                  | 11.0 | 57  | 18.4 | 249             | 23.5 | 44  | 32.4 | 17            | 2.8  | -   | -    |
| Important            | 24               | 10.4 | 4   | 9.1  | 420                  | 40.3 | 153 | 49.4 | 478             | 45.2 | 47  | 34.6 | 81            | 13.3 | 6   | 9.4  |
| Not very important   | 27               | 11.7 | 10  | 22.7 | 225                  | 21.6 | 49  | 15.8 | 224             | 21.2 | 36  | 26.5 | 244           | 40.0 | 30  | 46.9 |
| Not at all important | 176              | 76.5 | 27  | 61.4 | 283                  | 27.1 | 51  | 16.5 | 107             | 10.1 | 9   | 6.6  | 268           | 43.9 | 28  | 43.8 |
| <b>THIRST</b>        |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important       | 3                | 1.3  | -   | -    | 26                   | 2.5  | 18  | 5.8  | 97              | 9.3  | 19  | 13.9 | 4             | 0.7  | 1   | 1.6  |
| Important            | 26               | 11.4 | 6   | 14.0 | 95                   | 9.1  | 61  | 19.7 | 279             | 26.7 | 47  | 34.3 | 18            | 3.0  | 1   | 1.6  |
| Not very important   | 18               | 7.9  | 8   | 18.6 | 168                  | 16.1 | 66  | 21.4 | 313             | 30.0 | 43  | 31.4 | 184           | 30.4 | 18  | 28.1 |
| Not at all important | 181              | 79.4 | 29  | 67.4 | 756                  | 72.3 | 164 | 53.1 | 354             | 33.9 | 28  | 20.4 | 400           | 66.0 | 44  | 68.8 |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                                                                                        | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|----------------------------------------------------------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                                                                        | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                                                                        | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <i>Importance of the following reasons for limiting or not drinking alcohol at all</i> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| <b>PREGNANT</b>                                                                        |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                                                                         | 8                | 10.8 | -   | -    | 415                  | 71.1 | 47  | 64.4 | 426             | 78.6 | 20  | 71.4 | 95            | 85.6 | -   | -    |
| Important                                                                              | 10               | 13.5 | -   | -    | 69                   | 11.8 | 12  | 16.4 | 96              | 17.7 | 5   | 17.9 | 12            | 10.8 | -   | -    |
| Not very important                                                                     | 5                | 6.8  | 4   | 36.4 | 23                   | 3.9  | 8   | 11.0 | 11              | 2.0  | 1   | 3.6  | 3             | 2.7  | -   | -    |
| Not at all important                                                                   | 51               | 68.9 | 7   | 63.6 | 77                   | 13.2 | 6   | 8.2  | 9               | 1.7  | 2   | 7.1  | 1             | 0.9  | -   | -    |
| <b>TASTE</b>                                                                           |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                                                                         | 5                | 2.2  | -   | -    | 200                  | 19.3 | 45  | 14.5 | 315             | 30.3 | 23  | 16.8 | 48            | 7.8  | 5   | 7.8  |
| Important                                                                              | 25               | 10.8 | 4   | 9.1  | 368                  | 35.5 | 86  | 27.7 | 432             | 41.6 | 48  | 35.0 | 187           | 30.6 | 8   | 12.5 |
| Not very important                                                                     | 23               | 10.0 | 13  | 29.5 | 234                  | 22.6 | 88  | 28.4 | 202             | 19.4 | 45  | 32.8 | 267           | 43.6 | 33  | 51.6 |
| Not at all important                                                                   | 178              | 77.1 | 27  | 61.4 | 235                  | 22.7 | 91  | 29.4 | 90              | 8.7  | 21  | 15.3 | 110           | 18.0 | 18  | 28.1 |
| <b>EFFECT</b>                                                                          |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                                                                         | 14               | 6.1  | 3   | 6.7  | 179                  | 17.2 | 34  | 11.0 | 251             | 24.0 | 22  | 15.9 | 73            | 12.0 | 2   | 3.1  |
| Important                                                                              | 26               | 11.3 | 2   | 4.4  | 364                  | 35.0 | 97  | 31.3 | 441             | 42.1 | 50  | 36.2 | 230           | 38.0 | 18  | 28.1 |
| Not very important                                                                     | 78               | 33.8 | 7   | 15.6 | 228                  | 21.9 | 90  | 29.0 | 252             | 24.1 | 36  | 26.1 | 223           | 36.8 | 25  | 39.1 |
| Not at all important                                                                   | 113              | 48.9 | 33  | 73.3 | 268                  | 25.8 | 89  | 28.7 | 103             | 9.8  | 30  | 21.7 | 80            | 13.2 | 19  | 29.7 |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                                           | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|-------------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                           | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                           | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>BAD EXAMPLES</b>                       |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                            | 42               | 18.2 | 6   | 13.3 | 347                  | 33.3 | 79  | 25.7 | 265             | 25.4 | 18  | 14.0 | 91            | 14.9 | 5   | 7.8  |
| Important                                 | 46               | 19.9 | 2   | 4.4  | 336                  | 32.3 | 104 | 33.9 | 412             | 39.4 | 47  | 36.4 | 283           | 46.5 | 19  | 29.7 |
| Not very important                        | 51               | 22.1 | 13  | 28.9 | 158                  | 15.2 | 54  | 17.6 | 220             | 21.1 | 37  | 28.7 | 142           | 23.3 | 26  | 40.6 |
| Not at all important                      | 92               | 39.8 | 24  | 53.3 | 200                  | 19.2 | 70  | 22.8 | 148             | 14.2 | 27  | 20.9 | 93            | 15.3 | 14  | 21.9 |
| <b>PREVIOUSLY HURT BY OTHERS DRINKING</b> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                            | 12               | 5.2  | -   | -    | 222                  | 21.3 | 45  | 14.5 | 227             | 23.0 | 12  | 9.8  | 37            | 6.4  | 1   | 1.7  |
| Important                                 | 18               | 7.8  | 1   | 2.3  | 187                  | 17.9 | 75  | 24.2 | 301             | 30.4 | 37  | 30.3 | 138           | 24.0 | 13  | 22.0 |
| Not very important                        | 59               | 25.7 | 13  | 29.5 | 205                  | 19.7 | 55  | 17.7 | 241             | 24.4 | 36  | 29.5 | 205           | 35.6 | 25  | 42.4 |
| Not at all important                      | 141              | 61.3 | 30  | 68.2 | 428                  | 41.1 | 135 | 43.5 | 220             | 22.2 | 37  | 30.3 | 196           | 34.0 | 20  | 33.9 |
| <b>WORK/SCHOOL</b>                        |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                            | 23               | 10.0 | 5   | 11.4 | 284                  | 27.2 | 62  | 20.1 | 384             | 37.3 | 27  | 20.8 | 92            | 15.0 | 12  | 19.4 |
| Important                                 | 39               | 17.0 | 6   | 13.6 | 444                  | 42.5 | 131 | 42.4 | 369             | 35.8 | 46  | 35.4 | 296           | 48.3 | 25  | 40.3 |
| Not very important                        | 60               | 26.1 | 6   | 13.6 | 118                  | 11.3 | 51  | 16.5 | 160             | 15.5 | 34  | 26.2 | 140           | 22.8 | 13  | 21.0 |
| Not at all important                      | 108              | 47.0 | 27  | 61.4 | 198                  | 19.0 | 65  | 21.0 | 117             | 11.4 | 23  | 17.7 | 85            | 13.9 | 12  | 19.4 |
| <b>COST</b>                               |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important                            | 6                | 2.6  | -   | -    | 131                  | 12.6 | 17  | 5.5  | 240             | 23.5 | 24  | 18.2 | 26            | 4.3  | 3   | 4.8  |
| Important                                 | 17               | 7.4  | 1   | 2.3  | 327                  | 31.4 | 103 | 33.2 | 338             | 33.1 | 41  | 31.1 | 93            | 15.3 | 6   | 9.5  |
| Not very important                        | 75               | 32.5 | 8   | 18.2 | 254                  | 24.4 | 80  | 25.8 | 291             | 28.5 | 36  | 27.3 | 305           | 50.3 | 28  | 44.4 |
| Not at all important                      | 133              | 57.6 | 35  | 79.5 | 329                  | 31.6 | 110 | 35.5 | 153             | 15.0 | 31  | 23.5 | 182           | 30.0 | 26  | 41.3 |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                      | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|----------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                      | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                      | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>RELIGION</b>      |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important       | 79               | 34.2 | 6   | 13.6 | 29                   | 2.8  | 4   | 1.3  | 103             | 10.7 | 6   | 4.7  | 24            | 4.2  | 3   | 5.3  |
| Important            | 62               | 26.8 | 13  | 29.5 | 47                   | 4.5  | 15  | 4.8  | 200             | 20.7 | 18  | 14.0 | 67            | 11.6 | 12  | 21.1 |
| Not very important   | 26               | 11.3 | 9   | 20.5 | 170                  | 16.4 | 56  | 18.0 | 260             | 26.9 | 35  | 27.1 | 204           | 35.3 | 20  | 35.1 |
| Not at all important | 64               | 27.7 | 16  | 36.4 | 792                  | 76.3 | 236 | 75.9 | 404             | 41.8 | 70  | 54.3 | 283           | 49.0 | 22  | 38.6 |
| <b>UPBRINGING</b>    |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important       | 40               | 17.2 | 5   | 11.4 | 63                   | 6.1  | 9   | 2.9  | 179             | 17.7 | 10  | 7.9  | 54            | 8.8  | 4   | 6.2  |
| Important            | 57               | 24.6 | 4   | 9.1  | 205                  | 19.7 | 60  | 19.3 | 423             | 41.8 | 37  | 29.4 | 188           | 30.8 | 18  | 27.7 |
| Not very important   | 44               | 19.0 | 7   | 15.9 | 264                  | 25.4 | 71  | 22.8 | 255             | 25.2 | 48  | 38.1 | 220           | 36.0 | 27  | 41.5 |
| Not at all important | 91               | 39.2 | 28  | 63.6 | 506                  | 48.7 | 171 | 55.0 | 154             | 15.2 | 31  | 24.6 | 149           | 24.4 | 16  | 24.6 |
| <b>ALCOHOLISM</b>    |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important       | 9                | 3.9  | 1   | 2.3  | 59                   | 5.7  | 12  | 3.9  | 126             | 12.6 | 10  | 7.8  | 66            | 11.1 | 4   | 6.2  |
| Important            | 19               | 8.2  | 1   | 2.3  | 112                  | 10.7 | 36  | 11.7 | 190             | 19.0 | 20  | 15.5 | 181           | 30.3 | 16  | 24.6 |
| Not very important   | 39               | 16.9 | 6   | 13.6 | 160                  | 15.3 | 46  | 14.9 | 210             | 21.0 | 55  | 42.6 | 164           | 27.5 | 24  | 36.9 |
| Not at all important | 164              | 71.0 | 36  | 81.8 | 712                  | 68.3 | 215 | 69.6 | 474             | 47.4 | 44  | 34.1 | 186           | 31.2 | 21  | 32.3 |
| <b>TOO YOUNG</b>     |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important       | 4                | 1.7  | 3   | 6.7  | 63                   | 6.1  | 9   | 2.9  | 178             | 17.4 | 8   | 5.9  | 72            | 11.7 | 3   | 4.7  |
| Important            | 27               | 11.7 | 1   | 2.2  | 201                  | 19.3 | 59  | 19.0 | 272             | 26.6 | 25  | 18.5 | 176           | 28.6 | 19  | 29.7 |
| Not very important   | 41               | 17.7 | 6   | 13.3 | 221                  | 21.2 | 57  | 18.4 | 287             | 28.1 | 64  | 47.4 | 211           | 34.3 | 27  | 42.2 |
| Not at all important | 159              | 68.8 | 35  | 77.8 | 556                  | 53.4 | 185 | 59.7 | 285             | 27.9 | 38  | 28.1 | 157           | 25.5 | 15  | 23.4 |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                       | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|-----------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                       | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                       | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>OTHERS</b>         |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| <b>DISAPPROVAL</b>    |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important        | 31               | 13.4 | 6   | 13.6 | 30                   | 2.9  | 2   | 0.6  | 170             | 16.8 | 14  | 10.7 | 68            | 11.1 | 3   | 4.7  |
| Important             | 60               | 26.0 | 3   | 6.8  | 97                   | 9.3  | 34  | 11.0 | 361             | 35.6 | 36  | 27.5 | 206           | 33.6 | 22  | 34.4 |
| Not very important    | 34               | 14.7 | 5   | 11.4 | 255                  | 24.5 | 58  | 18.7 | 250             | 24.7 | 47  | 35.9 | 213           | 34.7 | 23  | 35.9 |
| Not at all important  | 106              | 45.9 | 30  | 68.2 | 660                  | 63.3 | 216 | 69.7 | 232             | 22.9 | 34  | 26   | 127           | 20.7 | 16  | 25.0 |
| <b>HEALTH</b>         |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important        | 23               | 10.0 | 5   | 11.4 | 209                  | 20.0 | 37  | 12.0 | 198             | 19.1 | 23  | 17.0 | 156           | 26.0 | 10  | 15.9 |
| Important             | 39               | 16.9 | 16  | 36.4 | 256                  | 24.5 | 74  | 23.9 | 329             | 31.8 | 39  | 28.9 | 201           | 33.4 | 22  | 34.9 |
| Not very important    | 20               | 8.7  | 6   | 13.6 | 114                  | 10.9 | 38  | 12.3 | 280             | 27.1 | 40  | 29.6 | 127           | 21.1 | 18  | 28.6 |
| Not at all important  | 149              | 64.5 | 17  | 38.6 | 464                  | 44.5 | 160 | 51.8 | 228             | 22.0 | 33  | 24.4 | 117           | 19.5 | 13  | 20.6 |
| <b>NOT INTERESTED</b> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Very important        | 67               | 29.1 | 7   | 16.3 | 237                  | 22.9 | 28  | 9.1  | 241             | 23.8 | 13  | 10.0 | 110           | 18.2 | 2   | 3.2  |
| Important             | 47               | 20.4 | 7   | 16.3 | 281                  | 27.1 | 57  | 18.5 | 376             | 37.1 | 47  | 36.2 | 132           | 21.9 | 7   | 11.3 |
| Not very important    | 30               | 13.0 | 3   | 7.0  | 253                  | 24.4 | 77  | 25.0 | 267             | 26.4 | 40  | 30.8 | 229           | 38.0 | 35  | 56.5 |
| Not at all important  | 86               | 37.4 | 26  | 60.5 | 266                  | 25.7 | 146 | 47.4 | 129             | 12.7 | 30  | 23.1 | 132           | 21.9 | 18  | 29.0 |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                                                        | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|--------------------------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                                        | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                                        | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <i>Agree or disagree with the following statements</i> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| <b>DRINKING AS A PLEASURE OF LIFE</b>                  |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Strongly agree                                         | 77               | 33.2 | 21  | 47.7 | 67                   | 6.1  | 53  | 17.0 | 64              | 6.0  | 19  | 13.7 | 98            | 14.4 | 7   | 10.8 |
| Agree                                                  | 113              | 48.7 | 18  | 40.9 | 280                  | 25.6 | 92  | 29.6 | 237             | 22.3 | 56  | 40.3 | 217           | 31.8 | 30  | 46.2 |
| Neither agree nor disagree                             | 21               | 9.1  | -   | -    | 282                  | 25.8 | 70  | 22.5 | 334             | 31.4 | 43  | 30.9 | 209           | 30.6 | 18  | 27.7 |
| Disagree                                               | 12               | 5.2  | 2   | 4.5  | 367                  | 33.6 | 87  | 28.0 | 227             | 21.3 | 16  | 11.5 | 126           | 18.5 | 8   | 12.3 |
| Strongly disagree                                      | 9                | 3.9  | 3   | 6.8  | 96                   | 8.8  | 9   | 2.9  | 202             | 19.0 | 5   | 3.6  | 32            | 4.7  | 2   | 3.1  |
| <b>DRINKING AS BEING FRIENDLY</b>                      |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Strongly agree                                         | 73               | 30.8 | 20  | 45.5 | 37                   | 3.4  | 31  | 10.0 | 61              | 5.7  | 13  | 9.3  | 132           | 19.4 | 8   | 12.5 |
| Agree                                                  | 128              | 54.0 | 18  | 40.9 | 411                  | 37.6 | 137 | 44.2 | 292             | 27.4 | 60  | 42.9 | 383           | 56.3 | 45  | 70.3 |
| Neither agree nor disagree                             | 17               | 7.2  | 2   | 4.5  | 248                  | 22.7 | 61  | 19.7 | 343             | 32.1 | 46  | 32.9 | 118           | 17.4 | 10  | 15.6 |
| Disagree                                               | 11               | 4.6  | -   | -    | 335                  | 30.6 | 70  | 22.6 | 216             | 20.2 | 19  | 13.6 | 44            | 6.5  | 1   | 1.6  |
| Strongly disagree                                      | 8                | 3.4  | 4   | 9.1  | 62                   | 5.7  | 11  | 3.5  | 155             | 14.5 | 2   | 1.4  | 3             | 0.4  | -   | -    |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                                                                                             | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|---------------------------------------------------------------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                                                                             | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                                                                             | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>NOTHING GOOD ABOUT DRINKING</b>                                                          |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| Strongly agree                                                                              | 21               | 8.9  | 9   | 20.5 | 64                   | 5.9  | 4   | 1.3  | 120             | 11.3 | 12  | 8.7  | 107           | 15.8 | 5   | 7.8  |
| Agree                                                                                       | 9                | 3.8  | 2   | 4.5  | 239                  | 21.9 | 47  | 15.1 | 192             | 18.1 | 13  | 9.4  | 169           | 24.9 | 23  | 35.9 |
| Neither agree nor disagree                                                                  | 40               | 17.0 | 1   | 2.3  | 374                  | 34.2 | 97  | 31.2 | 451             | 42.5 | 70  | 50.7 | 242           | 35.7 | 12  | 18.8 |
| Disagree                                                                                    | 121              | 51.5 | 21  | 47.7 | 366                  | 33.5 | 131 | 42.1 | 219             | 20.7 | 33  | 23.9 | 156           | 23.0 | 22  | 34.4 |
| Strongly disagree                                                                           | 44               | 18.7 | 11  | 25.0 | 50                   | 4.6  | 32  | 10.3 | 78              | 7.4  | 10  | 7.2  | 4             | 0.6  | 2   | 3.1  |
| <i><b>Opinion of a person in the following situations on how much they should drink</b></i> |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| <b>MOTHER WITH SMALL CHILDREN</b>                                                           |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| 0 drinks                                                                                    | 208              | 88.5 | 43  | 97.7 | 931                  | 85.3 | 228 | 73.8 | 978             | 90.4 | 111 | 81.6 | 413           | 62.3 | 35  | 60.3 |
| Some drinking but not enough to feel the effects (1 or 2 drinks)                            | 27               | 11.5 | 1   | 2.3  | 152                  | 13.9 | 80  | 25.9 | 92              | 8.5  | 22  | 16.2 | 208           | 31.4 | 22  | 37.9 |
| Enough to feel the effects but not become drunk                                             | -                | -    | -   | -    | 8                    | 0.7  | -   | -    | 6               | 0.6  | 2   | 1.5  | 36            | 5.4  | 1   | 1.7  |
| Getting drunk is sometimes alright                                                          | -                | -    | -   | -    | 1                    | 0.1  | 1   | 0.3  | 3               | 0.3  | -   | -    | 6             | 0.9  | -   | -    |
| Getting drunk is always alright                                                             | -                | -    | -   | -    | -                    | -    | -   | -    | 3               | 0.3  | 1   | 0.7  | -             | -    | -   | -    |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                                                                  | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|------------------------------------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                                                  | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                                                  | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>FATHER WITH SMALL CHILDREN</b>                                |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| 0 drinks                                                         | 153              | 64.6 | 27  | 62.8 | 920                  | 84.4 | 224 | 72.5 | 854             | 79.6 | 71  | 51.4 | 346           | 52.0 | 23  | 35.4 |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 69               | 29.1 | 9   | 20.9 | 162                  | 14.9 | 80  | 25.9 | 197             | 18.4 | 51  | 37   | 246           | 37.0 | 34  | 52.3 |
| Enough to feel the effects but not become drunk                  | 15               | 6.3  | 7   | 16.3 | 8                    | 0.7  | 4   | 1.3  | 18              | 1.7  | 9   | 6.5  | 58            | 8.7  | 8   | 12.3 |
| Getting drunk is sometimes alright                               | -                | -    | -   | -    | -                    | -    | 1   | 0.3  | 1               | 0.1  | 3   | 2.2  | 15            | 2.3  | 0   | 0    |
| Getting drunk is always alright                                  | -                | -    | -   | -    | -                    | -    | -   | -    | 3               | 0.3  | 4   | 2.9  | -             | -    | -   | -    |
| <b>MAN AT BAR WITH FRIENDS</b>                                   |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| 0 drinks                                                         | 33               | 14.0 | -   | -    | 52                   | 4.8  | 10  | 3.2  | 29              | 2.7  | 1   | 0.7  | 30            | 4.5  | -   | -    |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 114              | 48.5 | 19  | 47.5 | 593                  | 54.7 | 121 | 38.9 | 277             | 25.9 | 18  | 13.0 | 433           | 64.4 | 35  | 53.8 |
| Enough to feel the effects but not become drunk                  | 70               | 29.8 | 20  | 50.0 | 340                  | 31.3 | 120 | 38.6 | 492             | 45.9 | 64  | 46.4 | 164           | 24.4 | 26  | 40.0 |
| Getting drunk is sometimes alright                               | 17               | 7.2  | 1   | 2.5  | 89                   | 8.2  | 56  | 18.0 | 213             | 19.9 | 47  | 34.1 | 42            | 6.3  | 4   | 6.2  |
| Getting drunk is always alright                                  | 1                | 0.4  | -   | -    | 11                   | 1.0  | 4   | 1.3  | 60              | 5.6  | 8   | 5.8  | 3             | 0.4  | -   | -    |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                                                                  | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|------------------------------------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                                                  | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                                                  | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>WOMAN AT BAR WITH FRIENDS</b>                                 |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| 0 drinks                                                         | 110              | 46.8 | 25  | 61.0 | 102                  | 9.4  | 21  | 6.8  | 105             | 9.8  | 16  | 11.5 | 93            | 14.3 | 7   | 12.5 |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 102              | 43.4 | 11  | 26.8 | 581                  | 53.4 | 134 | 43.2 | 515             | 48.1 | 42  | 30.2 | 419           | 64.5 | 31  | 55.4 |
| Enough to feel the effects but not become drunk                  | 19               | 8.1  | 5   | 12.2 | 322                  | 29.6 | 100 | 32.3 | 352             | 32.9 | 62  | 44.6 | 122           | 18.8 | 17  | 30.4 |
| Getting drunk is sometimes alright                               | 4                | 1.7  | -   | -    | 74                   | 6.8  | 54  | 17.4 | 83              | 7.8  | 15  | 10.8 | 16            | 2.5  | 1   | 1.8  |
| Getting drunk is always alright                                  | -                | -    | -   | -    | 9                    | 0.8  | 1   | 0.3  | 15              | 1.4  | 4   | 2.9  | -             | -    | -   | -    |
| <b>WOMAN OUT WITH CO-WORKERS</b>                                 |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| 0 drinks                                                         | 124              | 52.8 | 30  | 71.4 | 113                  | 10.4 | 13  | 4.2  | 131             | 12.3 | 23  | 16.9 | 36            | 5.4  | -   | -    |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 93               | 39.6 | 7   | 16.7 | 587                  | 53.9 | 115 | 37.2 | 574             | 54.1 | 43  | 31.6 | 406           | 60.4 | 33  | 51.6 |
| Enough to feel the effects but not become drunk                  | 14               | 6.0  | 5   | 11.9 | 324                  | 29.8 | 123 | 39.8 | 320             | 30.2 | 59  | 43.4 | 187           | 27.8 | 27  | 42.2 |
| Getting drunk is sometimes alright                               | 4                | 1.7  | -   | -    | 57                   | 5.2  | 52  | 16.8 | 32              | 3.0  | 8   | 5.9  | 41            | 6.1  | 2   | 3.1  |
| Getting drunk is always alright                                  | -                | -    | -   | -    | 8                    | 0.7  | 6   | 1.9  | 4               | 0.4  | 3   | 2.2  | 2             | 0.3  | 2   | 3.1  |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                                                                  | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|------------------------------------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                                                  | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                                                  | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>MAN OUT WITH CO-WORKERS</b>                                   |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| 0 drinks                                                         | 43               | 18.2 | 10  | 25.0 | 143                  | 13.1 | 16  | 5.2  | 42              | 3.9  | 2   | 1.5  | 130           | 19.9 | 13  | 23.6 |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 120              | 50.8 | 21  | 52.5 | 585                  | 53.8 | 129 | 41.6 | 349             | 32.6 | 18  | 13.2 | 382           | 58.5 | 26  | 47.3 |
| Enough to feel the effects but not become drunk                  | 57               | 24.2 | 9   | 22.5 | 302                  | 27.8 | 115 | 37.1 | 488             | 45.6 | 77  | 56.6 | 132           | 20.2 | 14  | 25.5 |
| Getting drunk is sometimes alright                               | 15               | 6.4  | -   | -    | 53                   | 4.9  | 49  | 15.8 | 173             | 16.2 | 32  | 23.5 | 8             | 1.2  | 2   | 3.6  |
| Getting drunk is always alright                                  | 1                | 0.4  | -   | -    | 5                    | 0.5  | 1   | 0.3  | 18              | 1.7  | 7   | 5.1  | 1             | 0.2  | -   | -    |
| <b>MAN HAVING DINNER WITH PARTNER</b>                            |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| 0 drinks                                                         | 84               | 36.1 | 14  | 33.3 | 102                  | 9.4  | 22  | 7.1  | 54              | 5.1  | 5   | 3.6  | 52            | 7.7  | 4   | 6.6  |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 123              | 52.8 | 25  | 59.5 | 681                  | 62.5 | 181 | 58.4 | 559             | 52.9 | 51  | 37.2 | 444           | 66.0 | 34  | 55.7 |
| Enough to feel the effects but not become drunk                  | 24               | 10.3 | 3   | 7.1  | 214                  | 19.7 | 71  | 22.9 | 348             | 32.9 | 57  | 41.6 | 127           | 18.9 | 13  | 21.3 |
| Getting drunk is sometimes alright                               | 2                | 0.9  | -   | -    | 86                   | 7.9  | 31  | 10.0 | 76              | 7.2  | 16  | 11.7 | 38            | 5.6  | 8   | 13.1 |
| Getting drunk is always alright                                  | -                | -    | -   | -    | 6                    | 0.6  | 5   | 1.6  | 20              | 1.9  | 8   | 5.8  | 12            | 1.8  | 2   | 3.3  |

**Supplementary Table 1: Proportion of heavy episodic drinkers by various statements on drinking alcohol (Cont.)**

|                                                                  | Ilorin (Nigeria) |      |     |      | Montevideo (Uruguay) |      |     |      | Moscow (Russia) |      |     |      | Wuhan (China) |      |     |      |
|------------------------------------------------------------------|------------------|------|-----|------|----------------------|------|-----|------|-----------------|------|-----|------|---------------|------|-----|------|
|                                                                  | Non-HED          |      | HED |      | Non-HED              |      | HED |      | Non-HED         |      | HED |      | Non-HED       |      | HED |      |
|                                                                  | N                | %    | N   | %    | N                    | %    | N   | %    | N               | %    | N   | %    | N             | %    | N   | %    |
| <b>WOMAN HAVING DINNER WITH PARTNER</b>                          |                  |      |     |      |                      |      |     |      |                 |      |     |      |               |      |     |      |
| 0 drinks                                                         | 124              | 52.8 | 20  | 50.0 | 101                  | 9.3  | 26  | 8.4  | 113             | 10.8 | 14  | 10.2 | 66            | 10.2 | 5   | 8.8  |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 102              | 43.4 | 19  | 47.5 | 686                  | 63.0 | 175 | 56.5 | 661             | 63.0 | 67  | 48.9 | 420           | 64.8 | 32  | 56.1 |
| Enough to feel the effects but not become drunk                  | 8                | 3.4  | 1   | 2.5  | 213                  | 19.6 | 71  | 22.9 | 241             | 23.0 | 42  | 30.7 | 126           | 19.4 | 12  | 21.1 |
| Getting drunk is sometimes alright                               | 1                | 0.4  | -   | -    | 83                   | 7.6  | 34  | 11.0 | 26              | 2.5  | 10  | 7.3  | 27            | 4.2  | 7   | 12.3 |
| Getting drunk is always alright                                  | -                | -    | -   | -    | 6                    | 0.6  | 4   | 1.3  | 8               | 0.8  | 4   | 2.9  | 9             | 1.4  | 1   | 1.8  |

**Supplementary Table 2: Proportion of heavy episodic drinkers by effects of drinking alcohol**

|                             | Ilorin (Nigeria) |      | Montevideo (Uruguay) |      | Moscow (Russia) |      | Wuhan (China) |      |
|-----------------------------|------------------|------|----------------------|------|-----------------|------|---------------|------|
|                             | N                | %    | N                    | %    | N               | %    | N             | %    |
| <b>Relaxed</b>              |                  |      |                      |      |                 |      |               |      |
| Very often true             | 22               | 50.0 | 76                   | 24.4 | 65              | 46.4 | 8             | 12.5 |
| Often true                  | 16               | 36.4 | 84                   | 27.0 | 56              | 40.0 | 26            | 40.6 |
| Sometimes true              | 4                | 9.1  | 88                   | 28.3 | 12              | 8.6  | 22            | 34.4 |
| Rarely true                 | 1                | 2.3  | 35                   | 11.3 | 7               | 5.0  | 4             | 6.3  |
| Never true                  | 1                | 2.3  | 28                   | 9.0  | -               | -    | 4             | 6.3  |
| <b>Happy</b>                |                  |      |                      |      |                 |      |               |      |
| Very often true             | 17               | 38.6 | 88                   | 28.4 | 47              | 34.8 | 48            | 7.8  |
| Often true                  | 17               | 38.6 | 92                   | 29.7 | 40              | 29.6 | 216           | 35.1 |
| Sometimes true              | 5                | 11.4 | 71                   | 22.9 | 32              | 23.7 | 217           | 35.3 |
| Rarely true                 | 4                | 9.1  | 29                   | 9.4  | 11              | 8.1  | 81            | 13.2 |
| Never true                  | 1                | 2.3  | 30                   | 9.7  | 5               | 3.7  | 53            | 8.6  |
| <b>Aggressive</b>           |                  |      |                      |      |                 |      |               |      |
| Very often true             | -                | -    | 14                   | 4.5  | 7               | 5.1  | -             | -    |
| Often true                  | 3                | 6.8  | 12                   | 3.9  | 14              | 10.3 | 1             | 1.6  |
| Sometimes true              | 3                | 6.8  | 22                   | 7.1  | 34              | 25.0 | 7             | 11.5 |
| Rarely true                 | 4                | 9.1  | 54                   | 17.4 | 41              | 30.1 | 27            | 44.3 |
| Never true                  | 34               | 77.3 | 208                  | 67.1 | 40              | 29.4 | 26            | 42.6 |
| <b>Friendly</b>             |                  |      |                      |      |                 |      |               |      |
| Very often true             | 7                | 15.9 | 45                   | 14.6 | 34              | 24.8 | 3             | 4.8  |
| Often true                  | 10               | 22.7 | 74                   | 24.0 | 51              | 37.2 | 26            | 41.3 |
| Sometimes true              | 9                | 20.5 | 100                  | 32.5 | 41              | 29.9 | 12            | 19.0 |
| Rarely true                 | 10               | 22.7 | 44                   | 14.3 | 7               | 5.1  | 13            | 20.6 |
| Never true                  | 8                | 18.2 | 45                   | 14.6 | 4               | 2.9  | 9             | 14.3 |
| <b>Easier to talk</b>       |                  |      |                      |      |                 |      |               |      |
| Very often true             | 9                | 20.0 | 41                   | 13.2 | 38              | 27.7 | 2             | 3.1  |
| Often true                  | 9                | 20.0 | 54                   | 17.4 | 56              | 40.9 | 22            | 34.4 |
| Sometimes true              | 10               | 22.2 | 73                   | 23.5 | 32              | 23.4 | 17            | 26.6 |
| Rarely true                 | 4                | 8.9  | 54                   | 17.4 | 9               | 6.6  | 15            | 23.4 |
| Never true                  | 13               | 28.9 | 88                   | 28.4 | 2               | 1.5  | 8             | 12.5 |
| <b>Forget problems</b>      |                  |      |                      |      |                 |      |               |      |
| Very often true             | 6                | 14.0 | 27                   | 8.7  | 45              | 32.6 | 1             | 1.5  |
| Often true                  | 7                | 16.3 | 58                   | 18.6 | 43              | 31.2 | 20            | 30.8 |
| Sometimes true              | 9                | 20.9 | 58                   | 18.6 | 32              | 23.2 | 20            | 30.8 |
| Rarely true                 | 7                | 16.3 | 45                   | 14.5 | 13              | 9.4  | 14            | 21.5 |
| Never true                  | 14               | 32.6 | 123                  | 39.5 | 5               | 3.6  | 10            | 15.4 |
| <b>Regret</b>               |                  |      |                      |      |                 |      |               |      |
| Very often true             | -                | -    | 7                    | 2.3  | 8               | 5.9  | -             | -    |
| Often true                  | 1                | 2.3  | 19                   | 6.1  | 21              | 15.4 | 2             | 3.3  |
| Sometimes true              | 7                | 15.9 | 55                   | 17.7 | 45              | 33.1 | 8             | 13.3 |
| Rarely true                 | 1                | 2.3  | 53                   | 17.1 | 38              | 27.9 | 18            | 30.0 |
| Never true                  | 35               | 79.5 | 176                  | 56.8 | 24              | 17.6 | 32            | 53.3 |
| <b>Sex more pleasurable</b> |                  |      |                      |      |                 |      |               |      |
| Very often true             | 7                | 15.9 | 27                   | 8.8  | 18              | 14.9 | 1             | 2.0  |
| Often true                  | 7                | 15.9 | 29                   | 9.4  | 37              | 30.6 | 4             | 8.0  |
| Sometimes true              | 11               | 25.0 | 81                   | 26.3 | 28              | 23.1 | 12            | 24.0 |
| Rarely true                 | 3                | 6.8  | 40                   | 13.0 | 22              | 18.2 | 12            | 24.0 |
| Never true                  | 16               | 36.4 | 131                  | 42.5 | 16              | 13.2 | 21            | 42.0 |

**Supplementary Table 2: Proportion of heavy episodic drinkers by effects of drinking alcohol  
(Cont.)**

|                             | Ilorin (Nigeria) |      | Montevideo (Uruguay) |      | Moscow (Russia) |      | Wuhan (China) |      |
|-----------------------------|------------------|------|----------------------|------|-----------------|------|---------------|------|
|                             | N                | %    | N                    | %    | N               | %    | N             | %    |
| <b>Feel more attractive</b> |                  |      |                      |      |                 |      |               |      |
| Very often true             | 8                | 18.6 | 14                   | 4.5  | 32              | 25.0 | 1             | 1.9  |
| Often true                  | 9                | 20.9 | 19                   | 6.2  | 23              | 18.0 | 3             | 5.8  |
| Sometimes true              | 10               | 23.3 | 61                   | 19.8 | 41              | 32.0 | 8             | 15.4 |
| Rarely true                 | 4                | 9.3  | 47                   | 15.3 | 20              | 15.6 | 11            | 21.2 |
| Never true                  | 12               | 27.9 | 167                  | 54.2 | 12              | 9.4  | 29            | 55.8 |
| <b>Trouble with police</b>  |                  |      |                      |      |                 |      |               |      |
| Very often true             | -                | -    | 4                    | 1.3  | -               | -    | -             | -    |
| Often true                  | -                | -    | 5                    | 1.6  | -               | -    | -             | -    |
| Sometimes true              | -                | -    | 17                   | 5.5  | 19              | 13.9 | 1             | 1.8  |
| Rarely true                 | 5                | 11.4 | 25                   | 8.1  | 27              | 19.7 | 8             | 14.0 |
| Never true                  | 39               | 88.6 | 259                  | 83.5 | 91              | 66.4 | 48            | 84.2 |
| <b>Fun</b>                  |                  |      |                      |      |                 |      |               |      |
| Very often true             | 11               | 24.4 | 153                  | 49.7 | 43              | 30.9 | 1             | 1.6  |
| Often true                  | 10               | 22.2 | 94                   | 30.5 | 52              | 37.4 | 14            | 22.2 |
| Sometimes true              | 13               | 28.9 | 46                   | 14.9 | 33              | 23.7 | 16            | 25.4 |
| Rarely true                 | 4                | 8.9  | 8                    | 2.6  | 6               | 4.3  | 18            | 28.6 |
| Never true                  | 7                | 15.6 | 7                    | 2.3  | 5               | 3.6  | 14            | 22.2 |
| <b>Black out</b>            |                  |      |                      |      |                 |      |               |      |
| Very often true             | -                | -    | 5                    | 1.6  | 1               | 0.7  | -             | -    |
| Often true                  | -                | -    | 13                   | 4.2  | 15              | 10.9 | 3             | 4.7  |
| Sometimes true              | 3                | 7.0  | 54                   | 17.4 | 27              | 19.7 | 13            | 20.3 |
| Rarely true                 | 6                | 14.0 | 65                   | 20.9 | 52              | 38.0 | 24            | 37.5 |
| Never true                  | -                | -    | 5                    | 1.6  | 1               | 0.7  | -             | -    |

**Supplementary Table 3: Proportion of heavy episodic drinkers by importance of the following reasons for drinking alcohol**

|                       | Ilorin (Nigeria) |      | Montevideo (Uruguay) |      | Moscow (Russia) |      | Wuhan (China) |      |
|-----------------------|------------------|------|----------------------|------|-----------------|------|---------------|------|
|                       | N                | %    | N                    | %    | N               | %    | N             | %    |
| <b>Health</b>         |                  |      |                      |      |                 |      |               |      |
| Very important        | 4                | 9.1  | 9                    | 2.9  | 19              | 14.2 | 2             | 3.2  |
| Important             | 13               | 29.5 | 14                   | 4.5  | 34              | 25.4 | 7             | 11.1 |
| Not very important    | 10               | 22.7 | 43                   | 14.0 | 44              | 32.8 | 36            | 57.1 |
| Not at all important  | 17               | 38.6 | 242                  | 78.6 | 37              | 27.6 | 18            | 28.6 |
| <b>Feel good</b>      |                  |      |                      |      |                 |      |               |      |
| Very important        | 15               | 34.1 | 27                   | 8.7  | 23              | 17.0 | 5             | 7.9  |
| Important             | 23               | 52.3 | 107                  | 34.6 | 63              | 46.7 | 16            | 25.4 |
| Not very important    | 5                | 11.4 | 88                   | 28.5 | 30              | 22.2 | 34            | 54.0 |
| Not at all important  | 1                | 2.3  | 87                   | 28.2 | 19              | 14.1 | 8             | 12.7 |
| <b>Forget worries</b> |                  |      |                      |      |                 |      |               |      |
| Very important        | 5                | 11.4 | 12                   | 3.9  | 43              | 31.4 | 2             | 3.1  |
| Important             | 14               | 31.8 | 90                   | 29.0 | 61              | 44.5 | 18            | 28.1 |
| Not very important    | 8                | 18.2 | 73                   | 23.5 | 26              | 19.0 | 31            | 48.4 |
| Not at all important  | 17               | 38.6 | 135                  | 43.5 | 7               | 5.1  | 13            | 20.3 |
| <b>Inhibition</b>     |                  |      |                      |      |                 |      |               |      |
| Very important        | 4                | 9.3  | 22                   | 7.2  | 27              | 19.6 | 3             | 4.6  |
| Important             | 3                | 7.0  | 83                   | 27.0 | 58              | 42.0 | 9             | 13.8 |
| Not very important    | 14               | 32.6 | 76                   | 24.8 | 36              | 26.1 | 37            | 56.9 |
| Not at all important  | 22               | 51.2 | 126                  | 41.0 | 17              | 12.3 | 16            | 24.6 |
| <b>Celebrate</b>      |                  |      |                      |      |                 |      |               |      |
| Very important        | 26               | 57.8 | 162                  | 52.4 | 68              | 49.6 | 15            | 23.4 |
| Important             | 15               | 33.3 | 121                  | 39.2 | 49              | 35.8 | 36            | 56.3 |
| Not very important    | 1                | 2.2  | 13                   | 4.2  | 16              | 11.7 | 10            | 15.6 |
| Not at all important  | 3                | 6.7  | 13                   | 4.2  | 4               | 2.9  | 3             | 4.7  |
| <b>Taste</b>          |                  |      |                      |      |                 |      |               |      |
| Very important        | 3                | 6.8  | 57                   | 18.4 | 44              | 32.4 | -             | -    |
| Important             | 4                | 9.1  | 153                  | 49.4 | 47              | 34.6 | 6             | 9.4  |
| Not very important    | 10               | 22.7 | 49                   | 15.8 | 36              | 26.5 | 30            | 46.9 |
| Not at all important  | 27               | 61.4 | 51                   | 16.5 | 9               | 6.6  | 28            | 43.8 |
| <b>Thirst</b>         |                  |      |                      |      |                 |      |               |      |
| Very important        | -                | -    | 18                   | 5.8  | 19              | 13.9 | 1             | 1.6  |
| Important             | 6                | 14.0 | 61                   | 19.7 | 47              | 34.3 | 1             | 1.6  |
| Not very important    | 8                | 18.6 | 66                   | 21.4 | 43              | 31.4 | 18            | 28.1 |
| Not at all important  | 29               | 67.4 | 164                  | 53.1 | 28              | 20.4 | 44            | 68.8 |

**Supplementary Table 4: Proportion of heavy episodic drinkers by importance of the following reasons for limiting or not drinking alcohol at all**

|                                           | Ilorin (Nigeria) |      | Montevideo (Uruguay) |      | Moscow (Russia) |      | Wuhan (China) |      |
|-------------------------------------------|------------------|------|----------------------|------|-----------------|------|---------------|------|
|                                           | N                | %    | N                    | %    | N               | %    | N             | %    |
| <b>Pregnant</b>                           |                  |      |                      |      |                 |      |               |      |
| Very important                            | -                | -    | 47                   | 64.4 | 20              | 71.4 | -             | -    |
| Important                                 | -                | -    | 12                   | 16.4 | 5               | 17.9 | -             | -    |
| Not very important                        | 4                | 36.4 | 8                    | 11.0 | 1               | 3.6  | -             | -    |
| Not at all important                      | 7                | 63.6 | 6                    | 8.2  | 2               | 7.1  | -             | -    |
| <b>Taste</b>                              |                  |      |                      |      |                 |      |               |      |
| Very important                            | -                | -    | 45                   | 14.5 | 23              | 16.8 | 5             | 7.8  |
| Important                                 | 4                | 9.1  | 86                   | 27.7 | 48              | 35.0 | 8             | 12.5 |
| Not very important                        | 13               | 29.5 | 88                   | 28.4 | 45              | 32.8 | 33            | 51.6 |
| Not at all important                      | 27               | 61.4 | 91                   | 29.4 | 21              | 15.3 | 18            | 28.1 |
| <b>Effect</b>                             |                  |      |                      |      |                 |      |               |      |
| Very important                            | 3                | 6.7  | 34                   | 11.0 | 22              | 15.9 | 2             | 3.1  |
| Important                                 | 2                | 4.4  | 97                   | 31.3 | 50              | 36.2 | 18            | 28.1 |
| Not very important                        | 7                | 15.6 | 90                   | 29.0 | 36              | 26.1 | 25            | 39.1 |
| Not at all important                      | 33               | 73.3 | 89                   | 28.7 | 30              | 21.7 | 19            | 29.7 |
| <b>Bad examples</b>                       |                  |      |                      |      |                 |      |               |      |
| Very important                            | 6                | 13.3 | 79                   | 25.7 | 18              | 14.0 | 5             | 7.8  |
| Important                                 | 2                | 4.4  | 104                  | 33.9 | 47              | 36.4 | 19            | 29.7 |
| Not very important                        | 13               | 28.9 | 54                   | 17.6 | 37              | 28.7 | 26            | 40.6 |
| Not at all important                      | 24               | 53.3 | 70                   | 22.8 | 27              | 20.9 | 14            | 21.9 |
| <b>Previously hurt by others drinking</b> |                  |      |                      |      |                 |      |               |      |
| Very important                            | -                | -    | 45                   | 14.5 | 12              | 9.8  | 1             | 1.7  |
| Important                                 | 1                | 2.3  | 75                   | 24.2 | 37              | 30.3 | 13            | 22.0 |
| Not very important                        | 13               | 29.5 | 55                   | 17.7 | 36              | 29.5 | 25            | 42.4 |
| Not at all important                      | 30               | 68.2 | 135                  | 43.5 | 37              | 30.3 | 20            | 33.9 |
|                                           | -                | -    | 45                   | 14.5 | 12              | 9.8  | 1             | 1.7  |
| <b>Work/school</b>                        |                  |      |                      |      |                 |      |               |      |
| Very important                            | 5                | 11.4 | 62                   | 20.1 | 27              | 20.8 | 12            | 19.4 |
| Important                                 | 6                | 13.6 | 131                  | 42.4 | 46              | 35.4 | 25            | 40.3 |
| Not very important                        | 6                | 13.6 | 51                   | 16.5 | 34              | 26.2 | 13            | 21.0 |
| Not at all important                      | 27               | 61.4 | 65                   | 21.0 | 23              | 17.7 | 12            | 19.4 |
| <b>Cost</b>                               |                  |      |                      |      |                 |      |               |      |
| Very important                            | -                | -    | 17                   | 5.5  | 24              | 18.2 | 3             | 4.8  |
| Important                                 | 1                | 2.3  | 103                  | 33.2 | 41              | 31.1 | 6             | 9.5  |
| Not very important                        | 8                | 18.2 | 80                   | 25.8 | 36              | 27.3 | 28            | 44.4 |
| Not at all important                      | 35               | 79.5 | 110                  | 35.5 | 31              | 23.5 | 26            | 41.3 |
| <b>Religion</b>                           |                  |      |                      |      |                 |      |               |      |
| Very important                            | 6                | 13.6 | 4                    | 1.3  | 6               | 4.7  | 3             | 5.3  |
| Important                                 | 13               | 29.5 | 15                   | 4.8  | 18              | 14.0 | 12            | 21.1 |
| Not very important                        | 9                | 20.5 | 56                   | 18.0 | 35              | 27.1 | 20            | 35.1 |
| Not at all important                      | 16               | 36.4 | 236                  | 75.9 | 70              | 54.3 | 22            | 38.6 |
| <b>Upbringing</b>                         |                  |      |                      |      |                 |      |               |      |
| Very important                            | 5                | 11.4 | 9                    | 2.9  | 10              | 7.9  | 4             | 6.2  |
| Important                                 | 4                | 9.1  | 60                   | 19.3 | 37              | 29.4 | 18            | 27.7 |
| Not very important                        | 7                | 15.9 | 71                   | 22.8 | 48              | 38.1 | 27            | 41.5 |
| Not at all important                      | 28               | 63.6 | 171                  | 55.0 | 31              | 24.6 | 16            | 24.6 |

**Supplementary Table 4: Proportion of heavy episodic drinkers by importance of the following reasons for limiting or not drinking alcohol at all (Cont.)**

|                           | Ilorin (Nigeria) |      | Montevideo (Uruguay) |      | Moscow (Russia) |      | Wuhan (China) |      |
|---------------------------|------------------|------|----------------------|------|-----------------|------|---------------|------|
|                           | N                | %    | N                    | %    | N               | %    | N             | %    |
| <b>Alcoholism</b>         |                  |      |                      |      |                 |      |               |      |
| Very important            | 1                | 2.3  | 12                   | 3.9  | 10              | 7.8  | 4             | 6.2  |
| Important                 | 1                | 2.3  | 36                   | 11.7 | 20              | 15.5 | 16            | 24.6 |
| Not very important        | 6                | 13.6 | 46                   | 14.9 | 55              | 42.6 | 24            | 36.9 |
| Not at all important      | 36               | 81.8 | 215                  | 69.6 | 44              | 34.1 | 21            | 32.3 |
| <b>Too young</b>          |                  |      |                      |      |                 |      |               |      |
| Very important            | 3                | 6.7  | 9                    | 2.9  | 8               | 5.9  | 3             | 4.7  |
| Important                 | 1                | 2.2  | 59                   | 19.0 | 25              | 18.5 | 19            | 29.7 |
| Not very important        | 6                | 13.3 | 57                   | 18.4 | 64              | 47.4 | 27            | 42.2 |
| Not at all important      | 35               | 77.8 | 185                  | 59.7 | 38              | 28.1 | 15            | 23.4 |
| <b>Others disapproval</b> |                  |      |                      |      |                 |      |               |      |
| Very important            | 6                | 13.6 | 2                    | 0.6  | 14              | 10.7 | 3             | 4.7  |
| Important                 | 3                | 6.8  | 34                   | 11.0 | 36              | 27.5 | 22            | 34.4 |
| Not very important        | 5                | 11.4 | 58                   | 18.7 | 47              | 35.9 | 23            | 35.9 |
| Not at all important      | 30               | 68.2 | 216                  | 69.7 | 34              | 26.0 | 16            | 25.0 |
| <b>Health</b>             |                  |      |                      |      |                 |      |               |      |
| Very important            | 5                | 11.4 | 37                   | 12.0 | 23              | 17   | 10            | 15.9 |
| Important                 | 16               | 36.4 | 74                   | 23.9 | 39              | 28.9 | 22            | 34.9 |
| Not very important        | 6                | 13.6 | 38                   | 12.3 | 40              | 29.6 | 18            | 28.6 |
| Not at all important      | 17               | 38.6 | 160                  | 51.8 | 33              | 24.4 | 13            | 20.6 |
| <b>Not interested</b>     |                  |      |                      |      |                 |      |               |      |
| Very important            | 7                | 16.3 | 28                   | 9.1  | 13              | 10.0 | 2             | 3.2  |
| Important                 | 7                | 16.3 | 57                   | 18.5 | 47              | 36.2 | 7             | 11.3 |
| Not very important        | 3                | 7.0  | 77                   | 25.0 | 40              | 30.8 | 35            | 56.5 |
| Not at all important      | 26               | 60.5 | 146                  | 47.4 | 30              | 23.1 | 18            | 29.0 |

**Supplementary Table 5: Proportion of heavy episodic drinkers by statements on alcohol**

|                                       | Ilorin (Nigeria) |      | Montevideo (Uruguay) |      | Moscow (Russia) |      | Wuhan (China) |      |
|---------------------------------------|------------------|------|----------------------|------|-----------------|------|---------------|------|
|                                       | N                | %    | N                    | %    | N               | %    | N             | %    |
| <b>Drinking as a pleasure of life</b> |                  |      |                      |      |                 |      |               |      |
| Strongly agree                        | 21               | 47.7 | 53                   | 17.0 | 19              | 13.7 | 7             | 10.8 |
| Agree                                 | 18               | 40.9 | 92                   | 29.6 | 56              | 40.3 | 30            | 46.2 |
| Neither agree nor disagree            | -                | -    | 70                   | 22.5 | 43              | 30.9 | 18            | 27.7 |
| Disagree                              | 2                | 4.5  | 87                   | 28.0 | 16              | 11.5 | 8             | 12.3 |
| Strongly disagree                     | 3                | 6.8  | 9                    | 2.9  | 5               | 3.6  | 2             | 3.1  |
| <b>Drinking as being friendly</b>     |                  |      |                      |      |                 |      |               |      |
| Strongly agree                        | 20               | 45.5 | 31                   | 10.0 | 13              | 9.3  | 8             | 12.5 |
| Agree                                 | 18               | 40.9 | 137                  | 44.2 | 60              | 42.9 | 45            | 70.3 |
| Neither agree nor disagree            | 2                | 4.5  | 61                   | 19.7 | 46              | 32.9 | 10            | 15.6 |
| Disagree                              | -                | -    | 70                   | 22.6 | 19              | 13.6 | 1             | 1.6  |
| Strongly disagree                     | 4                | 9.1  | 11                   | 3.5  | 2               | 1.4  | -             | -    |
| <b>Nothing good about drinking</b>    |                  |      |                      |      |                 |      |               |      |
| Strongly agree                        | 9                | 20.5 | 4                    | 1.3  | 12              | 8.7  | 5             | 7.8  |
| Agree                                 | 2                | 4.5  | 47                   | 15.1 | 13              | 9.4  | 23            | 35.9 |
| Neither agree nor disagree            | 1                | 2.3  | 97                   | 31.2 | 70              | 50.7 | 12            | 18.8 |
| Disagree                              | 21               | 47.7 | 131                  | 42.1 | 33              | 23.9 | 22            | 34.4 |
| Strongly disagree                     | 11               | 25.0 | 32                   | 10.3 | 10              | 7.2  | 2             | 3.1  |

**Supplementary Table 6: Proportion of heavy episodic drinkers by opinion of a person in the following situations on how much they should drink**

|                                                                  | Ilorin (Nigeria) |      | Montevideo (Uruguay) |      | Moscow (Russia) |      | Wuhan (China) |      |
|------------------------------------------------------------------|------------------|------|----------------------|------|-----------------|------|---------------|------|
|                                                                  | N                | %    | N                    | %    | N               | %    | N             | %    |
| <b>Mother with small children</b>                                |                  |      |                      |      |                 |      |               |      |
| 0 drinks                                                         | 43               | 97.7 | 228                  | 73.8 | 111             | 81.6 | 35            | 60.3 |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 1                | 2.3  | 80                   | 25.9 | 22              | 16.2 | 22            | 37.9 |
| Enough to feel the effects but not become drunk                  | -                | -    | -                    | -    | 2               | 1.5  | 1             | 1.7  |
| Getting drunk is sometimes alright                               | -                | -    | 1                    | 0.3  | -               | -    | -             | -    |
| Getting drunk is always alright                                  | -                | -    | -                    | -    | 1               | 0.7  | -             | -    |
| <b>Father with small children</b>                                |                  |      |                      |      |                 |      |               |      |
| 0 drinks                                                         | 27               | 62.8 | 224                  | 72.5 | 71              | 51.4 | 23            | 35.4 |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 9                | 20.9 | 80                   | 25.9 | 51              | 37.0 | 34            | 52.3 |
| Enough to feel the effects but not become drunk                  | 7                | 16.3 | 4                    | 1.3  | 9               | 6.5  | 8             | 12.3 |
| Getting drunk is sometimes alright                               | -                | -    | 1                    | 0.3  | 3               | 2.2  | -             | -    |
| Getting drunk is always alright                                  | -                | -    | -                    | -    | 4               | 2.9  | -             | -    |
| <b>Man at bar with friends</b>                                   |                  |      |                      |      |                 |      |               |      |
| 0 drinks                                                         | -                | -    | 10                   | 3.2  | 1               | 0.7  | -             | -    |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 19               | 47.5 | 121                  | 38.9 | 18              | 13.0 | 35            | 53.8 |
| Enough to feel the effects but not become drunk                  | 20               | 50.0 | 120                  | 38.6 | 64              | 46.4 | 26            | 40.0 |
| Getting drunk is sometimes alright                               | 1                | 2.5  | 56                   | 18.0 | 47              | 34.1 | 4             | 6.2  |
| Getting drunk is always alright                                  | -                | -    | 4                    | 1.3  | 8               | 5.8  | -             | -    |
| <b>Woman at bar with friends</b>                                 |                  |      |                      |      |                 |      |               |      |
| 0 drinks                                                         | 25               | 61.0 | 21                   | 6.8  | 16              | 11.5 | 7             | 12.5 |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 11               | 26.8 | 134                  | 43.2 | 42              | 30.2 | 31            | 55.4 |
| Enough to feel the effects but not become drunk                  | 5                | 12.2 | 100                  | 32.3 | 62              | 44.6 | 17            | 30.4 |
| Getting drunk is sometimes alright                               | -                | -    | 54                   | 17.4 | 15              | 10.8 | 1             | 1.8  |
| Getting drunk is always alright                                  | -                | -    | 1                    | 0.3  | 4               | 2.9  | -             | -    |
| <b>Woman out with co-workers</b>                                 |                  |      |                      |      |                 |      |               |      |
| 0 drinks                                                         | 30               | 71.4 | 13                   | 4.2  | 23              | 16.9 | -             | -    |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 7                | 16.7 | 115                  | 37.2 | 43              | 31.6 | 33            | 51.6 |
| Enough to feel the effects but not become drunk                  | 5                | 11.9 | 123                  | 39.8 | 59              | 43.4 | 27            | 42.2 |
| Getting drunk is sometimes alright                               | -                | -    | 52                   | 16.8 | 8               | 5.9  | 2             | 3.1  |
| Getting drunk is always alright                                  | -                | -    | 6                    | 1.9  | 3               | 2.2  | 2             | 3.1  |

**Supplementary Table 6: Proportion of heavy episodic drinkers by opinion of a person in the following situations on how much they should drink (Cont.)**

|                                                                  | Ilorin (Nigeria) |      | Montevideo (Uruguay) |      | Moscow (Russia) |      | Wuhan (China) |      |
|------------------------------------------------------------------|------------------|------|----------------------|------|-----------------|------|---------------|------|
|                                                                  | N                | %    | N                    | %    | N               | %    | N             | %    |
| <b>Man out with co-workers</b>                                   |                  |      |                      |      |                 |      |               |      |
| 0 drinks                                                         | 10               | 25.0 | 16                   | 5.2  | 2               | 1.5  | 13            | 23.6 |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 21               | 52.5 | 129                  | 41.6 | 18              | 13.2 | 26            | 47.3 |
| Enough to feel the effects but not become drunk                  | 9                | 22.5 | 115                  | 37.1 | 77              | 56.6 | 14            | 25.5 |
| Getting drunk is sometimes alright                               | -                | -    | 49                   | 15.8 | 32              | 23.5 | 2             | 3.6  |
| Getting drunk is always alright                                  | -                | -    | 1                    | 0.3  | 7               | 5.1  | -             | -    |
| <b>Man having dinner with partner</b>                            |                  |      |                      |      |                 |      |               |      |
| 0 drinks                                                         | 14               | 33.3 | 22                   | 7.1  | 5               | 3.6  | 4             | 6.6  |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 25               | 59.5 | 181                  | 58.4 | 51              | 37.2 | 34            | 55.7 |
| Enough to feel the effects but not become drunk                  | 3                | 7.1  | 71                   | 22.9 | 57              | 41.6 | 13            | 21.3 |
| Getting drunk is sometimes alright                               | -                | -    | 31                   | 10.0 | 16              | 11.7 | 8             | 13.1 |
| Getting drunk is always alright                                  | -                | -    | 5                    | 1.6  | 8               | 5.8  | 2             | 3.3  |
| <b>Woman having dinner with partner</b>                          |                  |      |                      |      |                 |      |               |      |
| 0 drinks                                                         | 20               | 50.0 | 26                   | 8.4  | 14              | 10.2 | 5             | 8.8  |
| Some drinking but not enough to feel the effects (1 or 2 drinks) | 19               | 47.5 | 175                  | 56.5 | 67              | 48.9 | 32            | 56.1 |
| Enough to feel the effects but not become drunk                  | 1                | 2.5  | 71                   | 22.9 | 42              | 30.7 | 12            | 21.1 |
| Getting drunk is sometimes alright                               | -                | -    | 34                   | 11.0 | 10              | 7.3  | 7             | 12.3 |
| Getting drunk is always alright                                  | -                | -    | 4                    | 1.3  | 4               | 2.9  | 1             | 1.8  |