

**Table S1.** Cross-sectional Bivariate Associations Between Quartiles of Arsenic Exposure and Odds of Self-Reported Symptoms

Described At Enrollment in 1,458 Women Recruited Into A Prospective Study in Bangladesh (2008-2010). The average arsenic concentration and range for each quartile is: Q4 = 139.7 µg/L (28.9 µg/L – 1,400 µg/L); Q3 = 10.5 µg/L (2.0 µg/L – 28 µg/L); Q2 = 1.5 µg/L (0.9 µg/L – 1.9 µg/L); and Q1 = 0.71 µg/L (0.5 µg/L – 0.87 µg/L).

| Water Arsenic         | Any Symptom |     |                      | Cold/Flu/Infection |     |                      | Nausea/Vomiting |     |                      | Abdominal Cramping |     |                      | Headache |     |                      |
|-----------------------|-------------|-----|----------------------|--------------------|-----|----------------------|-----------------|-----|----------------------|--------------------|-----|----------------------|----------|-----|----------------------|
|                       | No          | Yes | Crude OR<br>(95% CI) | No                 | Yes | Crude OR<br>(95% CI) | No              | Yes | Crude OR<br>(95% CI) | No                 | Yes | Crude OR<br>(95% CI) | No       | Yes | Crude OR<br>(95% CI) |
| Q4 (High)             | 107         | 257 | 2.29<br>(1.69, 3.10) | 318                | 46  | 0.86<br>(0.56, 1.31) | 183             | 181 | 2.40<br>(1.77, 3.26) | 221                | 143 | 1.55<br>(1.14, 2.11) | 242      | 122 | 1.19<br>(0.87, 1.63) |
| Q3                    | 125         | 231 | 1.76<br>(1.31, 2.37) | 306                | 50  | 0.97<br>(0.64, 1.47) | 199             | 157 | 1.92<br>(1.41, 2.61) | 226                | 130 | 1.38<br>(1.01, 1.88) | 247      | 109 | 1.05<br>(0.76, 1.44) |
| Q2                    | 221         | 150 | 0.65<br>(0.48, 0.87) | 305                | 66  | 1.28<br>(0.86, 1.90) | 269             | 102 | 0.92<br>(0.67, 1.27) | 299                | 72  | 0.58<br>(0.41, 0.81) | 280      | 91  | 0.77<br>(0.56, 1.07) |
| Q1 (Low)              | 179         | 188 | 1.0<br><i>Ref</i>    | 314                | 53  | 1.0<br><i>Ref</i>    | 260             | 107 | 1.0<br><i>Ref</i>    | 259                | 108 | 1.0<br><i>Ref</i>    | 258      | 109 | 1.0<br><i>Ref</i>    |
| <i>Test for Trend</i> |             |     | <0.0001              |                    |     | 0.24                 |                 |     | <0.0001              |                    |     | <0.0001              |          |     | 0.06                 |

**Table S2.** Cross-sectional Associations Between Quartiles of Arsenic Exposure and Adjusted Odds of Self-Reported Symptoms

Described At Enrollment in 1,347 Pregnant Women Who Participated in A Prospective Study in Bangladesh With Complete Information For Age, BMI, Second-Hand Tobacco Smoke Exposure, Maternal Education, Parity, Anemia Status, Ferritin Status, Use of Herbs or Medication During Pregnancy, Type of Sanitation Used at Home, and Household Income. The average arsenic concentration and range for each quartile is: Q4 = 140.9 µg/L (28.9 µg/L – 1,400 µg/L); Q3 = 10.5 µg/L (2.0 µg/L – 28 µg/L); Q2 = 1.5 µg/L (0.9 µg/L – 1.9 µg/L); and Q1 = 0.7 µg/L (0.5 µg/L – 0.87 µg/L).

| Water Arsenic         | Any symptom |     |                      | Cold/Flu/Infection |     |                      | Nausea/Vomiting |     |                      | Abdominal cramping |     |                      | Headache |     |                      |
|-----------------------|-------------|-----|----------------------|--------------------|-----|----------------------|-----------------|-----|----------------------|--------------------|-----|----------------------|----------|-----|----------------------|
|                       | No          | Yes | aOR<br>(95% CI)      | No                 | Yes | aOR<br>(95% CI)      | No              | Yes | aOR<br>(95% CI)      | No                 | Yes | aOR<br>(95% CI)      | No       | Yes | aOR<br>(95% CI)      |
| Q4 (High)             | 102         | 244 | 1.83<br>(1.31, 2.57) | 303                | 43  | 0.69<br>(0.42, 1.12) | 175             | 171 | 1.91<br>(1.35, 2.68) | 208                | 138 | 1.11<br>(0.79, 1.57) | 229      | 117 | 1.04<br>(0.73, 1.49) |
| Q3                    | 118         | 222 | 1.52<br>(1.09, 2.12) | 291                | 49  | 0.90<br>(0.56, 1.43) | 189             | 151 | 1.62<br>(1.15, 2.28) | 214                | 126 | 1.05<br>(0.75, 1.49) | 238      | 102 | 0.92<br>(0.64, 1.31) |
| Q2                    | 202         | 137 | 0.71<br>(0.51, 0.97) | 279                | 60  | 1.38<br>(0.90, 2.14) | 242             | 97  | 1.04<br>(0.73, 1.47) | 272                | 67  | 0.59<br>(0.41, 0.85) | 256      | 83  | 0.84<br>(0.59, 1.21) |
| Q1 (Low)              | 159         | 163 | 1.01.0<br><i>Ref</i> | 276                | 46  | 1.0<br><i>Ref</i>    | 228             | 94  | 1.0<br><i>Ref</i>    | 225                | 97  | 1.0<br><i>Ref</i>    | 230      | 92  | 1.0<br><i>Ref</i>    |
| <i>Test for Trend</i> |             |     | <i>&lt;0.0001</i>    |                    |     | <i>0.03</i>          |                 |     | <i>0.0002</i>        |                    |     | <i>0.004</i>         |          |     | <i>0.71</i>          |



