

| Suppl Table 1. Demographic Information for the |        |     |     |           |                |     |          |            |                   |                 |                          |                  |                     |                          |
|--|--------|-----|-----|-----------|----------------|-----|----------|------------|-------------------|-----------------|--------------------------|------------------|---------------------|--------------------------|
| Profile  | DSM IV | Age | Sex | Race      | Suicide Status | PMI | Brain pH | Left Brain | Psychotic Feature | Rate of Death   | Smoking at Time of Death | Lifetime Alcohol | Lifetime Drugs      | Lifetime Anti-psychotics |
| 1  | 296.54 | 29  | M   | White     | Yes            | 48  | 6.39     | Frozen     | Yes               | Sudden          | Yes                      | Moderate present | Moderate in present | 9000                     |
| 4  | 295.9  | 40  | M   | White     | No             | 34  | 6.18     | Fixed      | Yes               | Possible anoxia | Yes                      | Moderate present | Moderate in present | 75000                    |
| 4  | 295.9  | 59  | F   | White     | No             | 38  | 6.93     | Fixed      | Yes               | Sudden          | Yes                      | Heavy in past    | Little or none      | 30000                    |
| 4  | 295.9  | 52  | M   | White     | No             | 16  | 6.52     | Fixed      | Yes               | Possible anoxia | Yes                      | Social           | Little or none      | 60000                    |
| 1  | 296.53 | 48  | M   | White     | Yes            | 23  | 6.9      | Frozen     | No                | Sudden          | Yes                      | Heavy in present | Moderate in past    | 0                        |
| 3  |        | 47  | M   | White     | No             | 36  | 6.57     | Frozen     | No                | Sudden          | No                       | Little or none   | Little or none      | 0                        |
| 1  | 296.73 | 19  | M   | White     | No             | 12  | 5.978    | Fixed      | No                | Sudden          | Unknown                  | Moderate in past | Heavy in present    | 2000                     |
| 3  |        | 41  | F   | White     | No             | 50  | 6.177    | Fixed      | No                | Sudden          | No                       | Little or none   | Little or none      | 0                        |
| 4  | 295.9  | 19  | M   | White     | No             | 28  | 6.73     | Frozen     | Yes               | Sudden          | No                       | Social           | Heavy in present    | 2500                     |
| 1  | 296.7  | 48  | F   | White     | No             | 18  | 6.5      | Frozen     | Unknown           | Sudden          | Yes                      | Social           | Moderate in present | 0                        |
| 3  |        | 44  | F   | White     | No             | 28  | 6.59     | Fixed      | No                | Sudden          | Unknown                  | Moderate present | Little or none      | 0                        |
| 1  | 296.8  | 42  | M   | White     | No             | 32  | 6.65     | Fixed      | Unknown           | Sudden          | Yes                      | Heavy in present | Heavy in present    | 0                        |
| 4  | 295.9  | 53  | F   | White     | No             | 13  | 6.49     | Frozen     | Yes               | Sudden          | Yes                      | Heavy in present | Little or none      | 15000                    |
| 1  | 296.54 | 35  | M   | White     | No             | 35  | 6.3      | Frozen     | Yes               | Sudden          | Yes                      | Social           | Moderate in past    | 30000                    |
| 3  |        | 49  | M   | White     | No             | 46  | 6.5      | Fixed      | No                | Sudden          | No                       | Little or none   | Little or none      | 0                        |
| 1  | 296.89 | 29  | M   | White     | Yes            | 60  | 6.7      | Frozen     | No                | Possible anoxia | Unknown                  | Heavy in present | Heavy in present    | 0                        |
| 1  | 296.5  | 59  | F   | White     | Yes            | 53  | 6.2      | Fixed      | Yes               | Sudden          | Unknown                  | Social           | Little or none      | 0                        |
| 1  | 296.89 | 54  | M   | White     | Yes            | 44  | 6.5      | Frozen     | No                | Sudden          | Unknown                  | Moderate in past | Moderate in past    | 0                        |
| 4  | 295.9  | 37  | M   | White     | No             | 30  | 6.8      | Fixed      | Yes               | Sudden          | Unknown                  | Heavy in present | Heavy in present    | 20000                    |
| 1  | 296.54 | 35  | F   | White     | Yes            | 17  | 6.1      | Fixed      | Yes               | Possible anoxia | Unknown                  | Social           | Little or none      | 3000                     |
| 3  |        | 53  | M   | White     | No             | 9   | 6.4      | Frozen     | No                | Sudden          | Unknown                  | Social           | Little or none      | 0                        |
| 4  | 295.1  | 52  | M   | White     | No             | 10  | 6.1      | Fixed      | Yes               | Sudden          | Yes                      | Little or none   | Little or none      | 100000                   |
| 4  | 295.9  | 24  | M   | White     | Yes            | 15  | 6.2      | Fixed      | Yes               | Sudden          | Yes                      | Heavy in present | Heavy in present    | 12000                    |
| 3  |        | 37  | M   | White     | No             | 13  | 6.5      | Frozen     | No                | Sudden          | Yes                      | Little or none   | Little or none      | 0                        |
| 3  |        | 51  | M   | White     | No             | 31  | 6.7      | Fixed      | No                | Sudden          | No                       | Social           | Little or none      | 0                        |
| 3  |        | 53  | M   | White     | No             | 28  | 6        | Frozen     | No                | Sudden          | Unknown                  | Little or none   | Little or none      | 0                        |
| 4  | 295.9  | 44  | M   | White     | No             | 9   | 5.9      | Frozen     | Yes               | Sudden          | Unknown                  | Moderate present | Moderate in present | 350000                   |
| 1  | 296.64 | 42  | F   | White     | No             | 49  | 6.65     | Frozen     | Yes               | Sudden          | Yes                      | Heavy in past    | Moderate in present | 15000                    |
| 1  | 296.54 | 58  | F   | White     | Yes            | 35  | 6.5      | Frozen     | Yes               | Sudden          | No                       | Social           | Social              | 12000                    |
| 3  |        | 38  | F   | White     | No             | 28  | 6.7      | Fixed      | No                | Sudden          | Unknown                  | Little or none   | Little or none      | 0                        |
| 4  | 295.3  | 39  | M   | White     | No             | 80  | 6.6      | Frozen     | Yes               | Sudden          | Unknown                  | Social           | Social              | 120000                   |
| 3  |        | 59  | M   | White     | No             | 47  | 6.8      | Fixed      | No                | Sudden          | Unknown                  | Little or none   | Little or none      | 0                        |
| 4  | 295.3  | 50  | M   | White     | No             | 9   | 6.2      | Fixed      | Yes               | Sudden          | Yes                      | Little or none   | Little or none      | 34000                    |
| 4  | 295.9  | 43  | M   | White     | No             | 18  | 6.3      | Fixed      | Yes               | Possible anoxia | Yes                      | Heavy in present | Heavy in present    | 90000                    |
| 1  | 295.7  | 64  | M   | White     | No             | 16  | 6.1      | Fixed      | Yes               | Slower death    | No                       | Little or none   | Little or none      | 130000                   |
| 3  |        | 35  | M   | White     | No             | 52  | 6.7      | Fixed      | No                | Sudden          | Unknown                  | Little or none   | Little or none      | 0                        |
| 4  | 295.3  | 35  | M   | White     | No             | 47  | 6.4      | Fixed      | Yes               | Sudden          | Yes                      | Little or none   | Little or none      | 200000                   |
| 4  | 295.3  | 44  | M   | White     | No             | 32  | 6.67     | Frozen     | Yes               | Sudden          | Yes                      | Heavy in present | Moderate in past    | 20000                    |
| 1  | 296.44 | 55  | F   | White     | No             | 41  | 5.76     | Fixed      | Yes               | Sudden          | Yes                      | Social           | Little or none      | 5000                     |
| 3  |        | 34  | M   | White     | No             | 22  | 6.48     | Fixed      | No                | Sudden          | Unknown                  | Little or none   | Little or none      | 0                        |
| 1  | 296.53 | 41  | M   | Non-White | Yes            | 70  | 6.71     | Frozen     | No                | Sudden          | Yes                      | Little or none   | Heavy in present    | 0                        |
| 1  | 296.54 | 51  | F   | White     | Yes            | 77  | 6.42     | Frozen     | Yes               | Sudden          | Unknown                  | Moderate in past | Little or none      | 3000                     |
| 3  |        | 47  | M   | White     | No             | 21  | 6.81     | Frozen     | No                | Sudden          | Yes                      | Little or none   | Little or none      | 0                        |
| 3  |        | 45  | M   | White     | No             | 29  | 6.94     | Fixed      | No                | Sudden          | Yes                      | Social           | Little or none      | 0                        |
| 3  |        | 34  | F   | White     | No             | 24  | 6.87     | Fixed      | No                | Sudden          | Unknown                  | Little or none   | Little or none      | 0                        |
| 3  |        | 42  | M   | White     | No             | 37  | 6.91     | Frozen     | No                | Sudden          | Yes                      | Heavy in past    | Moderate in present | 0                        |
| 3  |        | 44  | F   | White     | No             | 10  | 6.2      | Fixed      | No                | Sudden          | No                       | Little or none   | Little or none      | 0                        |
| 3  |        | 45  | M   | White     | No             | 18  | 6.81     | Frozen     | No                | Sudden          | No                       | Little or none   | Little or none      | 0                        |
| 1  | 296.74 | 44  | F   | White     | No             | 37  | 6.37     | Fixed      | Yes               | Sudden          | Unknown                  | Little or none   | Little or none      | 30000                    |
| 1  | 296.89 | 56  | F   | White     | No             | 26  | 6.58     | Frozen     | Unknown           | Sudden          | Unknown                  | Heavy in present | Heavy in past       | 25000                    |

|   |        |    |   |       |     |    |      |        |         |                 |         |                  |                     |        |
|---|--------|----|---|-------|-----|----|------|--------|---------|-----------------|---------|------------------|---------------------|--------|
| 1 | 296.64 | 43 | F | White | Yes | 39 | 6.74 | Frozen | Unknown | Sudden          | No      | Moderate in past | Social              | 4500   |
| 1 | 296.74 | 35 | M | White | No  | 22 | 6.58 | Fixed  | Yes     | Sudden          | Yes     | Moderate in past | Moderate in past    | 2000   |
| 3 |        | 49 | F | White | No  | 45 | 6.72 | Frozen | No      | Sudden          | Yes     | Little or none   | Little or none      | 0      |
| 1 | 296.54 | 49 | F | White | No  | 38 | 6.39 | Fixed  | Yes     | Sudden          | Yes     | Heavy in present | Social              | 0      |
| 4 | 295.9  | 54 | M | White | No  | 38 | 6.17 | Fixed  | Yes     | Sudden          | Yes     | Moderate in past | Unknown             | 120000 |
| 1 | 296.53 | 33 | F | White | Yes | 24 | 6.51 | Frozen | No      | Sudden          | Unknown | Heavy in present | Moderate in past    | 3000   |
| 4 | 295.9  | 54 | F | White | No  | 42 | 6.65 | Fixed  | Yes     | Possible anoxia | Yes     | Little or none   | Little or none      | 400000 |
| 1 | 296.72 | 41 | F | White | No  | 28 | 6.44 | Frozen | No      | Sudden          | Yes     | Heavy in past    | Heavy in present    | 3000   |
| 3 |        | 33 | F | White | No  | 29 | 6.52 | Frozen | No      | Sudden          | Unknown | Little or none   | Social              | 0      |
| 4 | 295.9  | 44 | F | White | No  | 26 | 6.58 | Frozen | Yes     | Sudden          | Yes     | Little or none   | Little or none      | 50000  |
| 3 |        | 48 | M | White | No  | 31 | 6.86 | Fixed  | No      | Sudden          | Unknown | Little or none   | Little or none      | 0      |
| 3 |        | 50 | M | White | No  | 49 | 6.75 | Fixed  | No      | Sudden          | Yes     | Social           | Little or none      | 0      |
| 4 | 295.9  | 47 | F | White | No  | 30 | 6.47 | Fixed  | Yes     | Sudden          | Yes     | Social           | Little or none      | 15000  |
| 4 | 295.9  | 39 | M | White | Yes | 26 | 6.8  | Fixed  | Yes     | Sudden          | No      | Little or none   | Little or none      | 48000  |
| 3 |        | 32 | M | White | No  | 13 | 6.57 | Fixed  | No      | Sudden          | Unknown | Little or none   | Little or none      | 0      |
| 3 |        | 47 | M | White | No  | 11 | 6.6  | Frozen | No      | Sudden          | No      | Little or none   | Social              | 0      |
| 3 |        | 46 | M | White | No  | 31 | 6.67 | Frozen | No      | Sudden          | Unknown | Social           | Little or none      | 0      |
| 4 | 295.9  | 41 | M | White | No  | 54 | 6.18 | Frozen | Yes     | Sudden          | No      | Little or none   | Little or none      | 115000 |
| 4 | 295.9  | 43 | M | White | Yes | 65 | 6.67 | Fixed  | Yes     | Sudden          | Unknown | Social           | Social              | 70000  |
| 1 | 296.8  | 43 | F | White | No  | 57 | 5.92 | Frozen | Yes     | Sudden          | Yes     | Heavy in past    | Heavy in past       | 10000  |
| 3 |        | 40 | M | White | No  | 38 | 6.67 | Frozen | No      | Sudden          | Yes     | Social           | Little or none      | 0      |
| 3 |        | 51 | M | White | No  | 22 | 6.71 | Frozen | No      | Sudden          | Unknown | Social           | Little or none      | 0      |
| 4 | 295.3  | 47 | F | White | No  | 35 | 6.5  | Frozen | Yes     | Sudden          | Yes     | Social           | Unknown             | 90000  |
| 4 | 295.3  | 42 | M | White | No  | 19 | 6.48 | Fixed  | Yes     | Sudden          | Yes     | Heavy in past    | Heavy in past       | 18000  |
| 3 |        | 31 | M | White | No  | 11 | 6.13 | Fixed  | No      | Sudden          | Unknown | Social           | Social              | 0      |
| 3 |        | 48 | M | White | No  | 24 | 6.91 | Fixed  | No      | Sudden          | Unknown | Social           | Social              | 0      |
| 4 | 295.9  | 46 | M | White | No  | 30 | 6.72 | Frozen | Yes     | Possible anoxia | Yes     | Moderate in past | Moderate in present | 200000 |
| 3 |        | 39 | F | White | No  | 58 | 6.46 | Fixed  | No      | Sudden          | Yes     | Heavy in past    | Little or none      | 0      |