Supplementary Figure 1: Heatmap for negative log p values of associations.
Supplementary Figure 2: Bayesian Network topology
Supplementary Table 1: Description of attributes in survey data-set.

| Code   | Attributes Description                                                                 |
|--------|----------------------------------------------------------------------------------------|
| **mental_health_indicators** *(questions related to mental stress in last seven days)* |
| soc5a  | Felt nervous, anxious, or on edge                                                      |
| soc5b  | Felt depressed                                                                         |
| soc5c  | Felt lonely                                                                            |
| soc5d  | Felt hopeless about the future                                                         |
| soc5e  | sweating, trouble breathing, pounding heart, etc                                      |
| **work_from_home_indicators** *(questions related to work and school from home)* |
| phys2_9 | work from home                                                                         |
| phys2_10 | study from home                                                                       |
| phys2_4 | postponed work activities                                                              |
| phys2_5 | postponed school activities                                                            |
| **communication_indicators** *(questions related to communication with friends/neighbour/family)* |
| soc2a  | in-person communication during COVID                                                    |
| soc2b  | in-person communication before COVID                                                    |
| soc3a  | digital communication during COVID                                                      |
| soc3b  | digital communication before COVID                                                      |
| **covid_symptoms_indicators** *(questions on covid symptoms Prescribed by WHO)* |
| phys1a | Fever                                                                                 |
| phys1b | Chills                                                                                |
| phys1c | Runny or stuffy nose                                                                   |
| phys1d | Chest congestion                                                                      |
| phys1e | Skin rash                                                                             |
| phys1f | Cough                                                                                 |
| phys1g | Sore throat                                                                           |
| phys1h | Sneezing                                                                              |
| phys1i | Muscle or body aches                                                                  |
| phys1j | Headaches                                                                             |
| phys1k | Fatigue or tiredness                                                                  |
| phys1l | Shortness of breath                                                                   |
| phys1m | Abdominal discomfort                                                                  |
| phys1n | Nausea or vomiting                                                                    |
| phys1o | Diarrhea                                                                              |
| phys1p | Changed or lost sense of taste or smell                                              |
| phys1q | Loss of appetite                                                                       |
| **clinical_history_indicators** *(questions on prior clinical history of diseases)* |
| phys3a  | Diabetes                              |
| phys3b  | High blood pressure or hypertension  |
| phys3c  | Heart disease, attack, stroke        |
| phys3d  | Asthma                                |
| phys3e  | Chronic lung disease or COPD          |
| phys3f  | Bronchitis or emphysema              |
| phys3g  | Allergies                             |
| phys3h  | A mental health condition             |
| phys3i  | Cystic fibrosis                       |
| phys3j  | Liver disease                         |
| phys3k  | Cancer                                |
| phys3l  | compromised immune system             |
| phys3m  | obesity                               |

**behavioural_indicators**  
*(questions on behavioral changes proposed/enforced by government)*

| phys2_1   | Canceled a doctor appointment       |
| phys2_2   | Worn a face mask                    |
| phys2_3   | Visited a doctor or hospital        |
| phys2_7   | Canceled outside housekeepers       |
| phys2_8   | Avoided restaurants                 |
| phys2_11  | postponed pleasure, social activites|
| phys2_12  | Stockpiled food or water            |
| phys2_13  | Avoided public or crowded places    |
| phys2_16  | Washed or sanitized hands           |

**insurance_assistance_indicators**  
*(questions on insurance and different assistance)*

| econ6a | Unemployment insurance              |
| econ6b | SNAP                                 |
| econ6c | TANF                                 |
| econ6d | Social Security                      |
| econ6e | Supplemental Social Security         |
| econ6f | Health insurance                     |
| econ6g | aid from the government              |

**Other_useful_Indicators**

| phys7_4  | did not fell hot, chilly, sweating  |
| phys2_18 | Stayed home because I felt unwell  |