## Supplementary Tables

### Supplementary Table 1: Absenteeism Characteristics, August 31 2020-February 19 2021

| Characteristics                          | Workers with no absence (n=695) | Workers with any absence (n=736) | p-value* |
|------------------------------------------|---------------------------------|---------------------------------|----------|
| **Worker Demographics**                  |                                 |                                 |          |
| Age: mean (SD)                           | 32.7 (9.1)                      | 30.0 (8.0)                      | <0.01    |
| Male sex, n (%)                          | 611 (87.9)                      | 593 (80.6)                      | <0.01    |
| Ethnicity: Ladino                        | 312 (44.9)                      | 315 (42.8)                      | 0.82     |
| Indigenous                               | 47 (6.8)                        | 50 (6.8)                        |          |
| other                                    | 1 (0.1)                         | 2 (0.3)                         |          |
| don’t know                                | 335 (48.2)                      | 369 (50.1)                      |          |
| **Worker Health, n (%)**                 |                                 |                                 |          |
| Asthma                                   | 1 (0.1)                         | 7 (1.0)                         | 0.04     |
| Pulmonary disease                        | 4 (0.6)                         | 5 (0.7)                         | 0.80     |
| Kidney disease                           | 27 (3.9)                        | 22 (3.0)                        | 0.35     |
| Cardiovascular disease                   | 10 (1.4)                        | 10 (1.4)                        | 0.90     |
| Diabetes                                 | 13 (1.9)                        | 7 (1.0)                         | 0.14     |
| Blood disorder (sickle cell)             | 8 (1.2)                         | 14 (1.9)                        | 0.25     |
| Neurologic disease (stroke)              | 3 (0.4)                         | 5 (0.7)                         | 0.53     |
| Liver disease                            | 5 (0.7)                         | 10 (1.4)                        | 0.24     |
| Obesity (BMI≥30 kg/m²), n=773            | 67 (15.6)                       | 15 (4.4)                        | <0.01    |
| Taking medications?                      | 83 (11.9)                       | 95 (12.9)                       | 0.57     |
| Ever received influenza vaccine           | 50 (7.2)                        | 41 (5.6)                        | 0.21     |
| **Work Conditions**                      |                                 |                                 |          |
| # of absences/person, median (IQR)       | 0 (0, 0)                        | 5.3 (2, 7)                      | <0.01    |
| Type of Work, n (%)                      |                                 |                                 |          |
| Administration                           | 43 (6.2)                        | 0 (0)                           |          |
| Field worker                             | 42 (66.5)                       | 528 (71.7)                      | <0.01    |
| Field manager                            | 54 (7.8)                        | 3 (0.4)                         |          |
| Packer (factory worker)                  | 120 (17.3)                      | 205 (27.9)                      |          |
| Factory manager                          | 16 (2.3)                        | 0 (0)                           |          |
| How long worked at farm, n (%)           |                                 |                                 |          |
| ≤2 years                                 | 346 (49.8)                      | 453 (61.5)                      | <0.01    |
| 3-4 years                                | 104 (14.9)                      | 113 (15.4)                      |          |
| ≥5 years                                 | 245 (35.3)                      | 170 (23.1)                      |          |
| Monthly income, $USD, median (IQR)       | 337.2 (311.3, 389.1)            | 337.2 (311.3, 363.2)            | <0.01    |
| **Household Conditions**                 |                                 |                                 |          |
| # adults in house, mean (SD)             | 3.2 (1.6)                       | 3.4 (1.8)                       | 0.01     |
| # children in house, mean (SD)           | 2.3 (1.6)                       | 2.5 (1.7)                       | <0.01    |
| Concern about food insecurity in last year, n (%) | 401 (57.7) | 464 (63.0) | 0.04 |
| Lacked money for food in the last 12 months, n (%) | 506 (72.8) | 505 (68.6) | 0.08 |
| Household monthly income, $USD, median (IQR): | 363.2 (324.3, 466.9) | 376.1 (324.3, 466.9) | 0.06 |
| $USD spent in the last 7 days, median (IQR): | | |
| Meat, fish, and seafood                  | 22.7 (13.0, 32.4)               | 19.5 (13.0, 38.9)               | 0.68     |
| Milk, eggs, and other dairy products     | 13.0 (9.1, 24.9)                | 15.6 (9.7, 25.9)                | 0.07     |
| Greens, vegetables, and fruit            | 13.0 (6.5, 19.5)                | 13.0 (6.5, 19.5)                | 0.83     |
| Alcoholic drinks and tobacco             | 0 (0, 0)                        | 0 (0, 0)                        | 0.16     |

*p-values are from t-tests for continuous variables, and chi-square test for categorical variables.

Abbreviations: SD=standard deviation, BMI=body mass index, IQR=interquartile range, USD=US dollars
### Supplementary Table 2. Comparing Self-Reported Outcomes in ILI vs Asymptomatic Controls

| Clinical Symptom                  | Day 0 ILI (n=169) | D7 ILI (n=157) | D7 Control (n=623) | p-value* | D28 ILI (n=149) | D28 Control (n=588) | p-value* |
|-----------------------------------|-------------------|---------------|-------------------|----------|----------------|-------------------|----------|
| # days of cough (if cough), mean (SD) | 3.5 (2.1)         | 5.3 (2.6)     | 3.4 (2.6)         | 0.05     | 5.0 (3.5)      | 3.7 (2.0)         | 0.32     |
| # days of fever (if fever), mean (SD) | 2.6 (1.8)         | 3.6 (2.6)     | 1.5 (0.6)         | <0.01    | 2.6 (2.3)      | 3.5 (3.0)         | 0.55     |
| Have you felt the following (last 24 hours), n (%): |                    |               |                   |          |               |                   |          |
| Fever                             | 96 (57.5)         | 14 (9.0)      | 4 (0.7)           | <0.01    | 8 (5.4)        | 3 (0.5)           | <0.01    |
| Nasal Congestion                  | 60 (35.9)         | 23 (14.7)     | 16 (2.7)          | <0.01    | 9 (6.1)        | 6 (1.1)           | <0.01    |
| Myalgia                           | 73 (43.7)         | 14 (9.0)      | 23 (3.9)          | 0.01     | 11 (7.5)       | 11 (2.0)          | <0.01    |
| Headache                          | 89 (53.3)         | 37 (23.7)     | 22 (3.7)          | <0.01    | 25 (17.0)      | 14 (2.5)          | <0.01    |
| Cough                             | 69 (41.3)         | 22 (14.2)     | 2 (0.34)          | <0.01    | 10 (6.8)       | 1 (0.2)           | <0.01    |
| Sore Throat                       | 66 (39.5)         | 20 (12.8)     | 7 (1.2)           | <0.01    | 12 (8.2)       | 10 (1.8)          | <0.01    |
| Dysgeusia                         | 51 (30.5)         | 15 (9.6)      | 2 (0.3)           | <0.01    | 6 (4.1)        | 2 (0.4)           | <0.01    |
| Expectoration                     | 62 (37.1)         | 30 (19.2)     | 4 (0.7)           | <0.01    | 12 (8.2)       | 2 (0.4)           | <0.01    |
| Fatigue                           | 58 (34.7)         | 19 (12.2)     | 18 (3.0)          | <0.01    | 11 (7.5)       | 19 (3.4)          | 0.03     |
| Anosmia                           | 40 (24.0)         | 13 (8.3)      | 1 (0.2)           | <0.01    | 6 (4.1)        | 2 (0.4)           | <0.01    |
| Loss of Appetite                  | 49 (29.3)         | 10 (6.4)      | 6 (1.0)           | <0.01    | 3 (2.0)        | 7 (1.3)           | 0.44     |
| Dyspnea                           | 41 (24.7)         | 10 (6.4)      | 1 (0.2)           | <0.01    | 5 (3.4)        | 1 (0.2)           | <0.01    |
| Neck Pain                         | 34 (20.5)         | 11 (7.1)      | 8 (1.3)           | <0.01    | 8 (5.4)        | 8 (1.4)           | <0.01    |
| Interrupted Sleep                 | 33 (19.8)         | 15 (9.6)      | 7 (1.2)           | <0.01    | 7 (4.8)        | 6 (1.1)           | <0.01    |
| Wheezing                          | 19 (11.5)         | 6 (3.9)       | 1 (0.2)           | <0.01    | 5 (3.4)        | 0 (0)             | <0.01    |

### Well-Being**

| Have you had difficulty with (last 24 hrs), n (%): | Day 0 ILI (n=169) | D7 ILI (n=157) | D7 Control (n=623) | p-value* | D28 ILI (n=149) | D28 Control (n=588) | p-value* |
|---------------------------------------------------|-------------------|---------------|-------------------|----------|----------------|-------------------|----------|
| Getting out of bed                               | 44 (26.4)         | 10 (6.4)      | 7 (1.2)           | <0.01    | 7 (4.8)        | 6 (1.1)           | <0.01    |
| Preparing meals...                                | 18 (10.8)         | 4 (2.6)       | 3 (0.5)           | 0.04     | 4 (2.7)        | 1 (0.2)           | 0.01     |
| Performing usual...                               | 45 (27.0)         | 9 (5.8)       | 4 (0.7)           | <0.01    | 6 (4.1)        | 2 (0.4)           | <0.01    |
| Leaving the home...                               | 27 (16.2)         | 6 (3.9)       | 2 (0.3)           | <0.01    | 4 (2.7)        | 1 (0.2)           | 0.01     |
| Concentrating on...                               | 43 (25.8)         | 9 (5.8)       | 7 (1.2)           | <0.01    | 7 (4.8)        | 1 (0.2)           | <0.01    |
| Taking care of...                                 | 31 (18.6)         | 4 (2.6)       | 3 (0.5)           | 0.04     | 6 (4.1)        | 1 (0.2)           | <0.01    |
| Leave the room                                    | 23 (13.8)         | 4 (2.6)       | 2 (0.3)           | 0.02     | 4 (2.7)        | 0 (0)             | <0.01    |
| Have you felt the following (last 24 hours), n (%): |                    |               |                   |          |               |                   |          |
| Irritable                                         | 66 (39.5)         | 13 (8.3)      | 10 (1.7)          | <0.01    | 10 (6.8)       | 5 (0.9)           | <0.01    |
| Defenseless                                       | 40 (24.0)         | 12 (7.7)      | 9 (1.5)           | <0.01    | 6 (4.1)        | 4 (0.7)           | 0.01     |
| Worried                                           | 59 (35.3)         | 23 (14.7)     | 13 (2.2)          | <0.01    | 15 (10.2)      | 20 (3.6)          | <0.01    |
| Frustrated                                        | 34 (20.4)         | 10 (6.4)      | 7 (1.2)           | <0.01    | 7 (4.8)        | 8 (1.4)           | 0.01     |
| People worrying...                                | 93 (55.7)         | 40 (25.6)     | 56 (9.4)          | <0.01    | 29 (19.7)      | 69 (12.4)         | 0.02     |
| Being a burden                                    | 47 (28.1)         | 20 (12.8)     | 12 (2.0)          | <0.01    | 14 (9.5)       | 15 (2.7)          | <0.01    |
| People being...                                   | 38 (22.6)         | 16 (10.3)     | 16 (2.7)          | <0.01    | 15 (10.2)      | 15 (2.7)          | <0.01    |
| Needing to depend...                              | 42 (25.2)         | 19 (12.2)     | 20 (3.4)          | <0.01    | 16 (10.9)      | 19 (3.4)          | <0.01    |
| People having to do extra...                      | 37 (22.2)         | 21 (13.5)     | 22 (3.7)          | <0.01    | 16 (10.9)      | 20 (3.6)          | <0.01    |

**Flu-iIQ Severity Scores**
| Systemic Score | Respiratory Score | Impact on daily activities | Impact on Emotions Score | Impact on Others Score | # in house w/ similar illness (last 2 weeks) | Index case in house, n (%) |
|----------------|-------------------|---------------------------|--------------------------|------------------------|---------------------------------------------|--------------------------|
| 0.60 (0.47)    | 0.46 (0.44)       | 0.28 (0.49)               | 0.39 (0.51)              | 0.49 (0.65)            | 0.17 (0.45)                                | Self                      |
| 0.14 (0.28)    | 0.15 (0.11)       | 0.05 (0.22)               | 0.11 (0.28)              | 0.21 (0.43)            | 0.21 (0.52)                                | Spouse                    |
| 0.02 (0.09)    | 0.01 (0.07)       | 0.01 (0.06)               | 0.02 (0.09)              | 0.06 (0.22)            | 0.01 (0.10)                                | Parent                    |
| <0.01          | <0.01             | <0.01                     | <0.01                    | <0.01                  | 0.17 (0.41)                                | Sibling                   |
| 0.10 (0.28)    | 0.09 (0.27)       | 0.04 (0.19)               | 0.07 (0.22)              | 0.17 (0.41)            | 0.12 (0.38)                                | Cousin                    |
| 0.02 (0.07)    | 0.01 (0.05)       | 0.004 (0.03)              | 0.02 (0.09)              | 0.06 (0.19)            | 0.01 (0.15)                                | Child                     |
| <0.01          | <0.01             | 0.02                      | <0.01                    | <0.01                  | <0.01                                      |

| Self          | 145 (86.8)        | 142 (91.0)                | 1 (14.3)                 | 135 (91.8)             | 3 (42.9)                                   |
| Spouse        | 5 (3.0)           | 2 (1.3)                   | 2 (28.6)                 | 2 (1.4)                | 1 (14.3)                                   |
| Parent        | 2 (1.2)           | 2 (1.3)                   | 1 (14.3)                 | 1 (0.7)                | 0 (0)                                      |
| Sibling       | 6 (3.6)           | 5 (3.2)                   | 0 (0)                    | 6 (4.1)                | 0 (0)                                      |
| Cousin        | 1 (0.6)           | 1 (0.6)                   | 0 (0)                    | 0 (0)                  | 0 (0)                                      |
| Child         | 4 (2.4)           | 1 (0.6)                   | 3 (42.9)                 | 2 (1.4)                | 2 (28.6)                                   |

*p-values are from t-tests for continuous variables, and chi-square test for categorical variables.

** Items truncated per Flu-iiQ licensing agreement; full items available from the author.

Abbreviations: ILI = influenza-like illness case, D7 = day 7, D28 = day 28.