

Survey Instrument: Overview

1. Occupational characteristics, work schedule, work history, specific job tasks
2. Direct contact with ill cows after bird flu was detected on farm
3. Symptoms (fever, feverishness, cough, fatigue, sore throat, runny/stuffy nose, sneezing, nausea/vomiting, diarrhea, headache, rash, muscle/body aches, red/draining or itching eyes, shortness of breath, seizures, other):
 - Around the time cows were sick (follow-up testing question)
 - Day of data collection ('Today, do you feel ...')
1. Exposure to other animals
2. PPE use, access, and training
3. Bird flu awareness and knowledge
4. Health information sources
5. Vaccination history and willingness to receive a “bird flu vaccine” if provided free of charge





Participant Demographics

- 36.9 (SD 12.5) Range 18 – 77
- Male (79.2%)
- Hispanic (95.5%)
- Primary language – Spanish (75.5%), K'iche' (8.5%)
- House/trailer (68.3%); employer housing (22.8%)
- Household size 3.9 (SD 1.7) Range 1 – 11
- 39.2% live with other dairy farm workers
- 7.2% diabetes, 12.9% hypertension, 8.3% hypercholesterolemia

1. Occupational Characteristics

Characteristic	N = 625 ¹
Occupation	
Breeder	28 (4.5%)
Calf caretaker	35 (5.6%)
Farm cleaning	13 (2.1%)
Feeder	45 (7.2%)
Hoof trimmer	4 (0.6%)
Maintenance	29 (4.6%)
Maternity pens	40 (6.4%)
Mechanic	10 (1.6%)
Milker	127 (20%)
Multiple	91 (15%)
Office staff	12 (1.9%)
Other	43 (6.9%)
Other herd health	5 (0.8%)
Owner	5 (0.8%)
Parlor shift lead	4 (0.6%)
Pusher	18 (2.9%)
Ranch/crop production	16 (2.6%)
Sick pens	36 (5.8%)
Supervisor	25 (4.0%)
Tractor driver	38 (6.1%)
Vet or vet tech	1 (0.2%)
Estimated time working on farms (years)	4 (2, 10)
Unknown	86
Days worked per week, mode (%)	6 (77%)
Hours worked per day, median (IQR)	10 (8, 11)
¹ n (%); Median (IQR)	

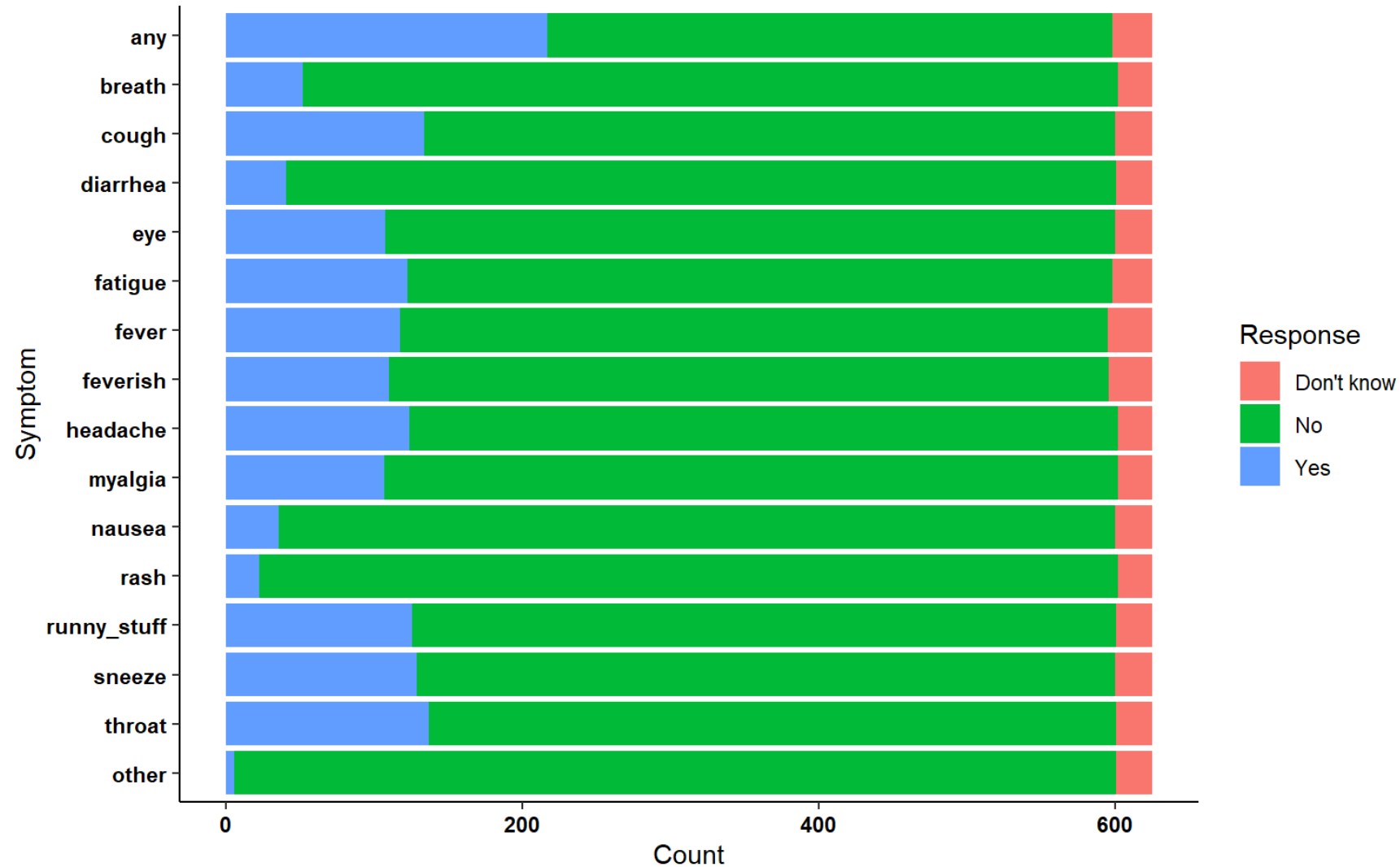
20% milkers, 15%
multiple farm
duties, 13.3%
feeders/tractor
drivers

2. Direct contact with sick cows after bird flu was identified on farms

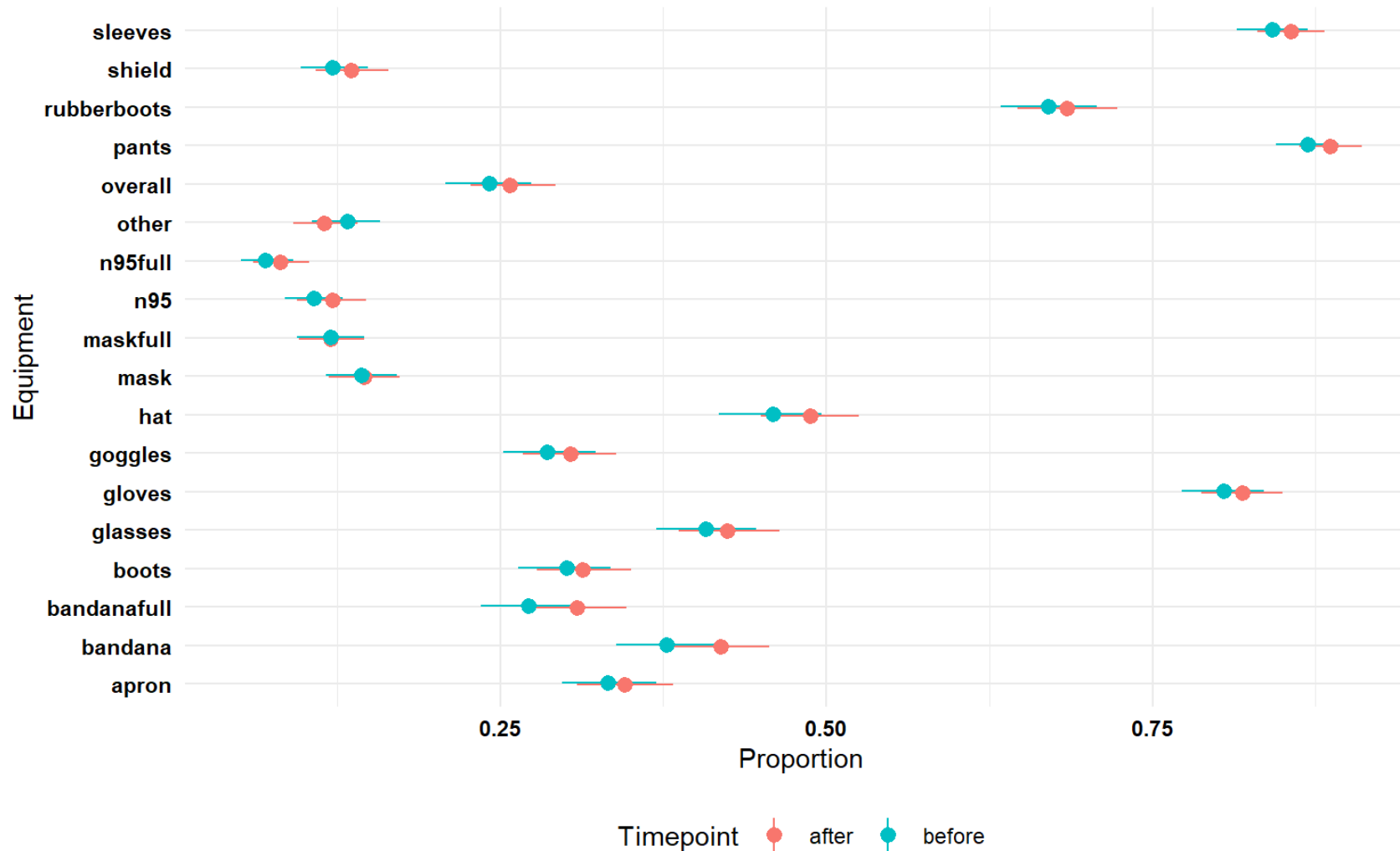
During the time the farm was experiencing bird flu (or the week before), [insert dates]

Characteristic	N = 625 ¹
...did you work with any sick cows?	
No	318 (51%)
Yes	252 (40%)
Don't know/don't remember	55 (8.8%)
...did you handle or care for any sick cows or calves?	
No	394 (63%)
Yes	192 (31%)
Don't know/don't remember	39 (6.2%)
¹ n (%)	

3. Symptoms: During farm outbreak



4. PPE use and access



Overall use of **any PPE** during farm outbreak (25.9%)

Where do you get PPE?
 Bought it myself (93.8%);
 Given to me by farm (51.4%)

64.6% reported NOT changing out of work clothes