

Online-Only Supplements

List of Online-Only material:

eText 1: Survey Instrument

eTable 1: Variables obtained from Statistics Denmark

eTable 2. Comparison of Baseline Characteristics Between Respondents and Non-respondents

eTable 3. Subgroup Analysis of Professions: Without High Risk

eTable 4. Subgroup Analysis of Professions: High Risk

eTable 5. Subgroup Analysis of Sex: Males

eTable 6. Subgroup Analysis of Sex: Females

eTable 7. Subgroup Analysis of Age Group 18-30 years

eTable 8. Subgroup Analysis of Age Group 30-60 years

eTable 9. Subgroup Analysis of Age Group >60 years

eTable 10. Subgroup Analysis of education level: ISCED group 0-1

eTable 11. Subgroup Analysis of Education Level: ISCED 2-4

eTable 12. Subgroup Analysis of Household Size: 1-2 Members

eTable 13. Subgroup Analysis of Household Size: 3-4 Members

eTable 14. Subgroup Analysis of Household Size: >5 Members

eTable 15. Subgroup Analysis of Ethnicity: Danish

eTable 16. Subgroup Analysis of Ethnicity: Other

eTable 17. Cases infected in the household compared to negative controls

eTable 18. Main analysis adjusted for wearing a mask

eTable 19. Main analysis adjusted for handwashing

eTable 20. Main analysis adjusted for wearing a mask and handwashing

eTable 21. Symptomatic cases compared to symptomatic NC

eTable 22. Cases with unknown source of infection compared to NC and UC

eText 1: Survey Instrument (The original Danish questionnaire is here translated into English.)**Regarding transmission and transmission event**

This page contains questions regarding a potential transmission event. There are also questions regarding contact with people with known infection. It is important that you answer accordingly to the period prior to the date provided in the survey. Even though it can be difficult to remember past events; it is important that you answer as accurately as possible.

Regarding your test on [date], what was the primary reason that you were tested:

- I had symptoms compatible with COVID
- I had an appointment at a hospital or elsewhere where a test was required (e.g. planned surgery or dentist appointment)
- I had been in contact with a person with known infection
- Due to professional reasons, e.g. as part of routine testing or business trip
- I had planned to visit a vulnerable person (e.g. at an institution)
- I had returned from or was going abroad (except business trips)
- I wanted a test prior to participating in an event (e.g. wedding, sports event or similar)
- I suspected that I could have been infected (e.g. after participating in a large event, e.g. concert, sports event)
- I had received a notification from SmitteStop app (Danish national contact-tracing app) notifying me that I had been in contact with one or more people with known infection
- Other reason

From whom do you think you have most likely caught the infection?

- Person in my household
- Family member/close friend
- Colleague/peripheral acquaintance
- I do not know from whom I was infected

If a person was identified in the question above:

Which distance have you kept to the person in question?

- Less than 2 meters
- More than 2 meters
- Do not know

How long have you been in contact with the person in question?

- Less than 30 minutes
- More than 30 minutes
- Do not know

Which of the following are relevant for your contact? (You may choose more than one answer)

- Share bedroom
- Share bathroom/toilet
- Taken meals together
- Travelled together by car
- Been in same room and had a conversation
- Been in same room where the person in question has spoken
- Used personal protective equipment such as face mask or shield
- None of the above

When do you think you were most likely infected?

- [Provide date]

Where do you think you were most likely infected?

- At home
- During daily activities, e.g. shopping, public transport or similar
- At work
- Private event
- Leisure activity
- Public event

- Public event with singing, loud speech, yelling
- Do not know

If a place was identified in the question above:

Did the event take place indoors or outdoors?

- Predominantly indoors
- Predominantly outdoors

How many people were present at this event?

- Less than 5 people
- 5-9 people
- 10-29 people
- 30-49 people
- 50-99 people
- More than 100 people

Apart from yourself, are you aware of others having been infected at this event?

- Yes
- No
- Do not know

If yes, how many people were infected?

- [Provide number]
- Do not know

Have you experienced symptoms in relation to your COVID infection?

- Yes
- No

If yes, when did you first experience symptoms

- [provide date]

Which symptoms did you experience during the first 1-2 weeks of infection (i.e. not long-effects)? (You may choose more than one answer)

- Fever/chills
- Tiredness or exhaustion
- Headache
- Dizziness
- Runny or congested nose
- Change or loss of smell/taste
- Sore throat
- Cough
- Dyspnea at rest
- Dyspnea at activity
- Chest pain or discomfort
- Loss of appetite
- Colored mucus from cough
- Nausea/vomiting
- Constipation
- Diarrhea
- Stomachache
- Muscle or joint pain
- Prickling sensation in hands or feet
- Concentration difficulty
- Difficulty with long term memory
- Difficulty with short term memory
- Sensibility to light or sound
- Screen fatigue
- Other

When would you say, you felt well again?

- [provide date]
- I am not well yet

Have you taken any sick leave due to COVID symptoms?

- Yes, 1-2 days
- Yes, 3-5 days (up to one work week)
- Yes, 6-10 days (up to two work weeks)
- Yes, 3-4 working weeks
- Yes, more than 4 weeks
- Yes, I am still on sick leave
- No, I have not needed sick leave
- No, I am not working/on leave/retired

Have you experienced symptoms, which you suspect are long-term effects of COVID?

- Yes, I am still experiencing long-term effects
- Yes, but I am not experiencing long-term effects any longer
- No

If yes, but no longer, please provide your best estimate of when you no longer experienced symptoms.

- [provide date]

Which symptoms are you or have you experienced that you consider to be long-term effects of COVID? (You may choose more than one answer)

- Fever/chills
- Tiredness or exhaustion
- Headache
- Dizziness
- Runny or congested nose
- Change or loss of smell/taste
- Sore throat
- Cough
- Dyspnea at rest
- Dyspnea at activity
- Chest pain or discomfort
- Loss of appetite
- Colored mucus from cough
- Nausea/vomiting
- Constipation
- Diarrhea
- Stomachache
- Muscle or joint pain
- Prickling sensation in hands or feet
- Concentration difficulty
- Difficulty with long term memory
- Difficulty with short term memory
- Sensibility to light or sound
- Screen fatigue
- Other

Are you aware or do you suspect that you have infected others (you may choose more than one answer)?

- Yes, people in my household
- Yes, family members/close friends
- Yes, colleagues/peripheral acquaintances
- No, I do not think I have infected others

If yes, how many people do you think you have infected?

- [provide number]

- Do not know

Please answer the following questions in regard to the person you are most certain that you have passed the infection on to.

Which distance have you kept to the person in question?

- Less than 2 meters
- More than 2 meters
- Do not know

How long have you been in contact with the person in question?

- Less than 30 minutes
- More than 30 minutes
- Do not know

Which of the following are relevant for your contact? (You may choose more than one answer)

- Share bedroom
- Share bathroom/toilet
- Taken meals together
- Travelled together by car
- Been in same room and had a conversation
- Been in same room where the person in question has spoken
- Used personal protective equipment such as face mask or shield
- None of the above

When did you most likely pass on the infection?

- [provide date]

Under which circumstances have you most likely passed on the infection?

- At home
- During daily activities, e.g. shopping, public transport or similar
- At work
- Private event
- Leisure activity
- Public event
- Public event with singing, loud speech, yelling
- Do not know

If a place was identified in the question above:

Did the event take place indoors or outdoors?

- Predominantly indoors
- Predominantly outdoors

How many people were present at this event?

- Less than 5 people
- 5-9 people
- 10-29 people
- 30-49 people
- 50-99 people
- More than 100 people

During the 1-14 days period prior to being tested positive on the [date provided], are you aware of having been in contact with a person with known infection? (During a period where the person could have been contagious)

- Yes
- No, not to my knowledge

What is your relation to this person? (If there is more than one, please answer in relation to the closest contact)

- Person in my household
- Family member/close friend
- Colleague/peripheral acquaintance
- Other

Which distance have you kept to the person in question?

- Less than 2 meters
- More than 2 meters
- Do not know

How long have you been in contact with the person in question?

- Less than 30 minutes
- More than 30 minutes
- Do not know

Which of the following are relevant for your contact? (You may choose more than one answer)

- Share bedroom
- Share bathroom/toilet
- Taken meals together
- Travelled together by car
- Been in same room and had a conversation
- Been in same room where the person in question has spoken
- Used personal protective equipment such as face mask or shield
- None of the above

Under which circumstances have you been in contact with a person with known infection?

- At home
- During daily activities, e.g. shopping, public transport or similar
- At work
- Private event
- Leisure activity
- Public event
- Public event with singing, loud speech, yelling
- Do not know

If a place was identified in the question above:

Did the event take place indoors or outdoors?

- Predominantly indoors
- Predominantly outdoors

How many people were present at this event?

- Less than 5 people
- 5-9 people
- 10-29 people
- 30-49 people
- 50-99 people
- More than 100 people

During the 15-28 days period prior to being tested positive on the [date provided], are you aware of having been in contact with a person with known infection? (During a period where the person could have been contagious)

- Yes
- No, not to my knowledge

What is your relation to this person? (If there is more than one, please answer in relation to the closest contact)

- Person in my household
- Family member/close friend
- Colleague/peripheral acquaintance
- Other

Which distance have you kept to the person in question?

- Less than 2 meters
- More than 2 meters
- Do not know

How long have you been in contact with the person in question?

- Less than 30 minutes
- More than 30 minutes
- Do not know

Which of the following are relevant for your contact? (You may choose more than one answer)

- Share bedroom
- Share bathroom/toilet
- Taken meals together
- Travelled together by car
- Been in same room and had a conversation
- Been in same room where the person in question has spoken
- Used personal protective equipment such as face mask or shield
- None of the above

Under which circumstances have you been in contact with a person with known infection?

- At home
- During daily activities, e.g. shopping, public transport or similar
- At work
- Private event
- Leisure activity
- Public event
- Public event with singing, loud speech, yelling
- Do not know

If a place was identified in the question above:

Did the event take place indoors or outdoors?

- Predominantly indoors
- Predominantly outdoors

How many people were present at this event?

- Less than 5 people
- 5-9 people
- 10-29 people
- 30-49 people
- 50-99 people
- More than 100 people
-

Regarding activities and precautions taken against COVID-19 infection

This page contains questions regarding your activities and the precautions you have taken to avoid Coronavirus infection. It is important that you answer accordingly to the period prior to the date provided in the survey. Even though it can be difficult to remember past events; it is important that you answer as accurately as possible.

Have you in the period prior to being tested positive for Coronavirus on the [date provided] participated in any large events? (Provide one answer for each period. If you have participated in more than one event during the same period, please answer in relation to the event with the highest number of participants.

0-14 days prior to the [date provided]

- Yes, more than 30 people
- Yes, more than 50 people
- Yes, more than 100 people
- No

Was the event predominantly indoors or outdoors?

- Predominantly indoors
- Predominantly outdoors

Which type of event was it?

- Private event
- Work related event
- Leisure time event
- Public event
- Public event with singing/loud speech/yelling

15-28 days prior to the [date provided]

- Yes, more than 30 people
- Yes, more than 50 people
- Yes, more than 100 people
- No

Was the event predominantly indoors or outdoors?

- Predominantly indoors
- Predominantly outdoors

Which type of event was it?

- Private event
- Work related event
- Leisure time event
- Public event
- Public event with singing/loud speech/yelling

Which precautions have you taken against Coronavirus since March 1st 2020?

- Frequent handwashing
- Frequent use of hand sanitizer
- Cough/sneeze in sleeve
- Avoided shaking hands
- Avoided hugging/cheek kissing
- Kept 1-2 meters distance to strangers as recommended by the Danish Health Authority
- Limited use of public transport
- Stayed at home/canceled social events
- Worked more from home
- Avoided places with many people
- Avoided sport/leisure time activities with other people
- Limited travel within the country and abroad
- Changed shopping habits
- Other

Have you adhered to the public requirement of using face masks/shields?

- No
- Yes
- Yes, I use it more than what is required

During the period 0-14 days prior to being tested positive for Coronavirus on the [date provided], how often have you on average...?

- Traveled by bus
- Traveled by train/subway
- Traveled with ferry
- Traveled with plane
- Participated in indoor sports/ leisure time activities
- Participated in outdoor sports/ leisure time activities
- Been to a fitness center
- Been to a public swimming pool
- Been grocery shopping
- Dined at cafés/restaurants
- Been to a bar

During the period 15-28 days prior to being tested positive for Coronavirus on the [date provided], how often have you on average....?

- Traveled by bus
- Traveled by train/subway
- Traveled with ferry
- Traveled with plane
- Participated in indoor sports/ leisure time activities
- Participated in outdoor sports/ leisure time activities
- Been to a fitness center
- Been to a public swimming pool
- Been grocery shopping
- Dined at cafés/restaurants
- Been to a bar

During the period prior to being tested positive for Coronavirus on the [date provided] travelled abroad?

- Yes, 0-14 days prior to [test date provided]
- Yes, 15-28 days prior to [test date provided]
- No

If yes, please provide

- Date of departure
- Destination
- Duration of stay

Regarding general health and working situation

This page contains questions regarding your general health and working situation

It is important that you answer accordingly to the period prior to the date provided in the survey. Even though it can be difficult to remember past events; it is important that you answer as accurately as possible.

In general, how do you perceive your own health?

- Really good – I do not experience any limitations due to health issues in my everyday life
- Good – I only rarely experience limitations due to health issues in my everyday life
- OK – I can do most things, but I do to some extent experience limitations due to health issues in my everyday life
- Poor – I experience limitations due to health issues for the most part in my everyday life

How would you describe your physical condition?

- Really good – I exercise several times a week
- Good – I generally have a high level of physical activity
- OK – I do not exercise regularly, but I can do moderate physical activity without shortness of breath
- Not good – I experience shortness of breath if I do anything above light physical activity
- Poor – I experience shortness of breath with even slight physical activity

How tall are you (centimeters)?

How much do you weigh (kilograms)?

Do you smoke?

- No, I have never smoked
- No, not any more
- Yes, I smoke

What is your average weekly alcohol consumption?

- I never drink
- ≤ 7 units per week
- ≤ 14 unites per week
- > 14 units per week

What is your primary occupation?

- Student
- Public employee
- Private employee
- Independent business owner
- Out of the labor force
- Other

Are you primarily working?

- From home
- Your own office (including mobile offices, such as truck driver, delivery service)
- Open office
- Public space, e.g. shop, library, factory or similar
- In an institution, e.g. school, nursing home or similar
- In the health sector, e.g. general practice or hospital
- With public transport, e.g. taxi driver, bus driver, train driver or similar
- Outdoors, e.g. gardener, builder or similar
- I am out of the labor force
- Other

Does your work entail contact with customers/patients/clients or similar?

- Yes, close contact
- Yes, some contact, but not close
- No, no contact
- I am out of the labor force

During the period 0-14 days prior to being tested positive for Coronavirus on the [date provided], how many people were you typically in contact with daily, i.e. you were in the same room?

- Less than 10
- 10-29
- 30-49
- 50-69
- 70-99
- More than 100

During the period 15-28 days prior to being tested positive for Coronavirus on the [date provided], how many people were you typically in contact with daily, i.e. you were in the same room?

- Less than 10
- 10-29
- 30-49
- 50-69
- 70-99
- More than 100

This is the end of the questionnaire. If you have any questions or additional comments you may add them here. Thank you for your participation!

eTable 1: Variables obtained from Statistics Denmark

Variable	Description
Education level	The participants' highest achieved education level was obtained in 2020 and categorized into 4 groups in accordance with the International Standard Classification of Education (ISCED). First category refers to early childhood, primary education, and lower secondary education ISCED levels 0–2. Second category refers to general upper secondary education and vocational upper secondary education ISCED level 3. Third category refers to short-cycle tertiary, medium-length tertiary and bachelor's-level education or equivalent ISCED levels 5–6. Fourth category refers to second-cycle, master's level or the equivalent and PhD ISCED levels 7–8. In Denmark, no education is classified as ISCED level 4.
Income	Participant's income was assessed in 2020 using the measurement equivalized income provided by Statistics Denmark. This income measure ensures comparability between different households as it accounts for family size. The equivalized income measure is based on the Organization for Economic Cooperation and Development modified scale, where a family's total income is weighted and redistributed equally among all family members assigning the same equivalized income to each member. The populations income was divided into quartiles. 1 st quartile contains the population with the lowest quartile of income and the 4 th with the highest income.
Ethnicity	Participants ethnic background was categorized into either ethnic Danes or other. In this study, ethnic Danes are defined as having at least one parent who originates from Denmark and has Danish citizenship. Other reference to participants who are either born in- or outside Denmark, but have no parents born in Denmark. The categorization was performed in accordance with Statistics Denmark's definition.
Household size	Household size refers to the total number of family members in a household assessed in 2020.

eTable 2. Comparison of Baseline Characteristics Between Respondents and Non-respondents

Characteristics	Nonrespondents (n=130,062)	Respondents (n=93,121)	Total (n=223,183)
Age, median [IQR]	33 [25, 48]	45 [30, 56]	38 [27, 52]
Missing	739	172	911
Sex, No. (%)			
Female	59,914 (46.3)	53,742 (57.8)	113,656 (51.1)
Male	69,409 (53.7)	39,207 (42.2)	108,616 (48.9)
Missing	739	172	911
Ethnicity, No. (%)			
Danish	101,653 (78.2)	84,818 (91.1)	186,471 (83.6)
Other	28,409 (21.8)	8,303 (8.9)	36,712 (16.4)
Household size, No. (%)			
1 to 2 persons	75,309 (59.4)	54,939 (59.8)	130,248 (59.6)
3 to 4 persons	41,457 (32.7)	31,474 (34.3)	72,931 (33.4)
≥ 5 persons	9,916 (7.8)	5,434 (5.9)	15,350 (7.0)
Missing	3,380	1,274	4,654

eTable 3. Subgroup Analysis of Professions (Without High Risk)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.64 [1.51;1.79]	<0.001	12.22 [10.85;13.75]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	2.98 [2.77;3.21]	<0.001	32.12 [28.25;36.51]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.04 [0.97;1.12]	0.276	1.42 [1.31;1.53]	<0.001
	>50	1.20 [1.01;1.41]	0.035	1.18 [1.00;1.39]	0.048
Bus travel	No	Ref	Ref	Ref	Ref
	Yes	0.81 [0.75;0.88]	<0.001	0.83 [0.77;0.90]	<0.001
Train travel	No	Ref	Ref	Ref	Ref
	Yes	0.85 [0.79;0.91]	<0.001	0.98 [0.92;1.05]	0.66
Ferry travel	No	Ref	Ref	Ref	Ref
	Yes	0.76 [0.65;0.89]	<0.001	0.84 [0.72;0.99]	0.032
Airplane travel	No	Ref	Ref	Ref	Ref
	Yes	0.68 [0.55;0.85]	<0.001	1.38 [1.09;1.76]	0.0083
Indoor sports	No	Ref	Ref	Ref	Ref
	Yes	1.16 [1.08;1.25]	<0.001	1.60 [1.48;1.73]	<0.001
Outdoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.79 [0.72;0.87]	<0.001	1.03 [0.94;1.14]	0.52
Visiting a gym	No	Ref	Ref	Ref	Ref
	Yes	1.29 [1.20;1.39]	<0.001	1.64 [1.52;1.77]	<0.001
Use of public swimming pool or sauna	No	Ref	Ref	Ref	Ref
	Yes	0.88 [0.78;1.00]	0.045	1.12 [0.99;1.27]	0.08
Grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.47 [0.41;0.54]	<0.001	0.59 [0.51;0.68]	<0.001
Restaurants/cafés	No	Ref	Ref	Ref	Ref
	Yes	1.11 [1.04;1.19]	0.0014	1.55 [1.45;1.66]	<0.001
Bar	No	Ref	Ref	Ref	Ref
	Yes	1.39 [1.28;1.50]	<0.001	1.84 [1.69;2.00]	<0.001
Wearing a mask	No	Ref	Ref	Ref	Ref
	Yes	1.13 [0.77;1.65]	0.54	1.75 [1.19;2.57]	0.0043
Frequent handwashing	No	Ref	Ref	Ref	Ref
	Yes	0.98 [0.91;1.05]	0.52	1.05 [0.97;1.13]	0.21
Frequent hand sanitizer use	No	Ref	Ref	Ref	Ref
	Yes	0.73 [0.67;0.79]	<0.001	0.77 [0.71;0.84]	<0.001
Sneezing in elbow	No	Ref	Ref	Ref	Ref
	Yes	0.90 [0.84;0.97]	0.0039	0.98 [0.91;1.05]	0.55
Avoiding handshakes	No	Ref	Ref	Ref	Ref
	Yes	0.68 [0.63;0.74]	<0.001	0.62 [0.58;0.67]	<0.001
Avoiding hugs	No	Ref	Ref	Ref	Ref
	Yes	0.81 [0.76;0.87]	<0.001	0.80 [0.75;0.86]	<0.001
Physical distancing	No	Ref	Ref	Ref	Ref
	Yes	0.74 [0.69;0.79]	<0.001	0.69 [0.64;0.74]	<0.001
Limiting public transport	No	Ref	Ref	Ref	Ref
	Yes	0.92 [0.87;0.98]	0.0084	0.89 [0.84;0.95]	<0.001
Avoiding social events	No	Ref	Ref	Ref	Ref
	Yes	0.77 [0.73;0.82]	<0.001	0.74 [0.70;0.79]	<0.001
Staying more at home	No	Ref	Ref	Ref	Ref
	Yes	0.74 [0.69;0.78]	<0.001	0.86 [0.81;0.92]	<0.001

eTable 3. Subgroup Analysis of Professions (Without High Risk) (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.82 [0.77;0.87]	<0.001	0.80 [0.76;0.85]	<0.001
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.84 [0.80;0.89]	<0.001	0.73 [0.69;0.78]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	0.89 [0.83;0.95]	<0.001	0.77 [0.72;0.82]	<0.001
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.99 [0.93;1.05]	0.71	0.95 [0.89;1.01]	0.096
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.58 [1.39;1.79]	<0.001	2.42 [2.10;2.78]	<0.001
	Yes, >50	1.88 [1.66;2.13]	<0.001	2.41 [2.11;2.76]	<0.001
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.75 [1.59;1.92]	<0.001	2.58 [2.33;2.87]	<0.001
	Outdoor	1.41 [1.05;1.90]	0.023	1.42 [1.05;1.91]	0.021
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.25 [1.11;1.40]	<0.001	1.55 [1.38;1.75]	<0.001
	Yes, other	1.10 [1.03;1.19]	0.0073	1.17 [1.09;1.26]	<0.001
	Non-employed	0.91 [0.81;1.01]	0.0798	0.61 [0.55;0.68]	<0.001
Household size	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.92 [0.85;0.99]	0.022	1.27 [1.17;1.37]	<0.001
	>5 persons	1.12 [0.98;1.28]	0.09	1.88 [1.64;2.16]	<0.001
Education level	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.00 [0.90;1.11]	0.9886	1.23 [1.10;1.37]	<0.001
	ISCED 2	1.01 [0.90;1.13]	0.9273	1.42 [1.27;1.59]	<0.001
	ISCED 3&4	0.84 [0.74;0.94]	0.0039	1.25 [1.11;1.41]	<0.001
Income	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.83 [0.76;0.91]	<0.001	0.94 [0.86;1.03]	0.18
	3rd quartile	0.85 [0.78;0.93]	<0.001	1.05 [0.96;1.15]	0.26
	4th quartile	0.82 [0.75;0.90]	<0.001	1.05 [0.96;1.15]	0.31
Contact to people at work	Danish	Ref	Ref	Ref	Ref
	Other	1.39 [1.28;1.52]	<0.001	3.25 [2.95;3.59]	<0.001

eTable 4. Subgroup Analysis of Professions (High Risk)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	2.03 [1.78;2.32]	<0.001	8.77 [6.91;11.13]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	2.96 [2.59;3.40]	<0.001	26.46 [18.80;37.23]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	0.92 [0.82;1.04]	0.17	1.00 [0.85;1.17]	0.96
Bus travel	>50	1.15 [0.94;1.41]	0.17	1.19 [0.90;1.56]	0.21
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.83 [0.73;0.95]	0.0045	0.75 [0.64;0.88]	<0.001
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.87 [0.77;0.98]	0.023	0.85 [0.73;0.99]	0.04
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.83 [0.61;1.12]	0.23	0.93 [0.63;1.37]	0.71
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.71 [0.41;1.24]	0.23	0.92 [0.45;1.88]	0.83
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.21 [1.05;1.39]	0.0079	1.35 [1.11;1.63]	0.0021
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.64 [0.53;0.78]	<0.001	0.76 [0.59;0.98]	0.035
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.23 [1.08;1.41]	0.0027	1.24 [1.04;1.49]	0.019
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.84 [0.67;1.04]	0.11	0.86 [0.65;1.13]	0.27
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.68 [0.50;0.92]	0.013	0.58 [0.37;0.89]	0.013
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.05 [0.94;1.18]	0.38	1.08 [0.92;1.25]	0.34
	No	Ref	Ref	Ref	Ref
Wearing a mask	Yes	1.11 [0.94;1.31]	0.22	1.33 [1.07;1.66]	0.0097
	No	Ref	Ref	Ref	Ref
Frequent handwashing	Yes	1.32 [0.65;2.68]	0.44	1.25 [0.55;2.82]	0.59
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	2.05 [1.62;2.61]	<0.001	2.62 [1.95;3.52]	<0.001
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	2.14 [1.36;3.36]	0.001	3.92 [2.33;6.59]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	2.19 [1.69;2.83]	<0.001	2.73 [2.00;3.74]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	1.22 [0.95;1.56]	0.12	1.44 [1.06;1.96]	0.018
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	1.17 [1.00;1.35]	0.043	1.41 [1.16;1.70]	<0.001
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	1.04 [0.86;1.27]	0.68	1.60 [1.25;2.05]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	1.38 [1.23;1.56]	<0.001	1.63 [1.39;1.90]	<0.001
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	1.23 [1.08;1.39]	0.002	1.37 [1.16;1.62]	<0.001
	No	Ref	Ref	Ref	Ref
	Yes	0.87 [0.76;0.99]	0.042	0.67 [0.56;0.79]	<0.001

eTable 4. Subgroup Analysis of Professions (High Risk) (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	1.18 [1.05;1.34]	0.006	1.43 [1.22;1.67]	<0.001
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	1.09 [0.98;1.21]	0.13	1.04 [0.90;1.20]	0.58
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.43 [1.23;1.66]	<0.001	1.29 [1.05;1.58]	0.015
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.36 [1.21;1.51]	<0.001	1.46 [1.26;1.69]	<0.001
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.18 [0.95;1.47]	0.1319	1.28 [0.96;1.71]	0.093
	Yes, >50	1.40 [1.09;1.81]	0.0089	1.49 [1.07;2.08]	0.018
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.32 [1.10;1.57]	0.0022	1.45 [1.15;1.83]	0.0019
	Outdoor	0.84 [0.46;1.55]	0.5808	0.80 [0.37;1.70]	0.5535
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.04 [0.80;1.35]	0.76	1.51 [1.11;2.06]	0.0086
	Yes, other	1.00 [0.76;1.33]	0.97	1.14 [0.82;1.58]	0.4466
	Non-employed	0.80 [0.42;1.52]	0.5	0.46 [0.21;1.01]	0.0534
Household size	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.99 [0.87;1.13]	0.91	1.09 [0.92;1.30]	0.32
	>5 persons	1.17 [0.93;1.48]	0.19	1.28 [0.94;1.75]	0.12
Education level	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.01 [0.79;1.29]	0.92	1.69 [1.24;2.29]	<0.001
	ISCED 2	1.16 [0.91;1.48]	0.23	1.36 [1.00;1.84]	0.047
	ISCED 3&4	1.06 [0.80;1.39]	0.69	1.32 [0.93;1.87]	0.115
Income	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	1.01 [0.86;1.18]	0.93	1.01 [0.82;1.24]	0.93
	3rd quartile	1.06 [0.90;1.25]	0.49	1.00 [0.79;1.25]	0.97
Contact to people at work	4th quartile	1.07 [0.89;1.30]	0.47	0.94 [0.73;1.21]	0.62
	Danish	Ref	Ref	Ref	Ref
	Other	1.20 [1.01;1.41]	0.036	2.07 [1.60;2.67]	<0.001

eTable 5. Subgroup Analysis of Sex: Males

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Questions	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.56 [1.41;1.73]	<0.001	10.78 [9.25;12.57]	<0.001
	Close (<2 meter, >30 min.)	2.77 [2.51;3.05]	<0.001	29.31 [24.47;35.10]	<0.001
Daily contacts	<10	Ref	Ref	Ref	Ref
	10 to 50	1.04 [0.95;1.13]	0.392	1.68 [1.53;1.85]	<0.001
	>50	1.22 [1.02;1.46]	0.027	1.59 [1.31;1.92]	<0.001
Bus travel	No	Ref	Ref	Ref	Ref
	Yes	0.87 [0.79;0.96]	0.0062	0.93 [0.83;1.03]	0.15
Train travel	No	Ref	Ref	Ref	Ref
	Yes	0.82 [0.75;0.89]	<0.001	0.98 [0.89;1.08]	0.69
Ferry travel	No	Ref	Ref	Ref	Ref
	Yes	0.78 [0.64;0.93]	0.0077	0.95 [0.78;1.15]	0.59
Airplane travel	No	Ref	Ref	Ref	Ref
	Yes	0.75 [0.58;0.97]	0.029	1.41 [1.04;1.90]	0.027
Indoor sports	No	Ref	Ref	Ref	Ref
	Yes	1.16 [1.05;1.27]	0.003	1.60 [1.44;1.78]	<0.001
Outdoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.79 [0.71;0.89]	<0.001	1.08 [0.96;1.22]	0.21
Visiting a gym	No	Ref	Ref	Ref	Ref
	Yes	1.36 [1.23;1.50]	<0.001	1.76 [1.58;1.95]	<0.001
Use of public swimming pool	No	Ref	Ref	Ref	Ref
	Yes	0.93 [0.79;1.08]	0.34	1.19 [1.00;1.40]	0.045
Grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.52 [0.43;0.62]	<0.001	0.62 [0.51;0.74]	<0.001
Restaurants/cafés	No	Ref	Ref	Ref	Ref
	Yes	1.03 [0.95;1.12]	0.45	1.47 [1.34;1.60]	<0.001
Bar	No	Ref	Ref	Ref	Ref
	Yes	1.29 [1.17;1.43]	<0.001	1.72 [1.54;1.92]	<0.001
Wearing a mask	No	Ref	Ref	Ref	Ref
	Yes	1.01 [0.64;1.59]	0.96	1.81 [1.13;2.88]	0.013
Frequent handwashing	No	Ref	Ref	Ref	Ref
	Yes	1.08 [0.98;1.19]	0.15	1.32 [1.20;1.47]	<0.001
Frequent hand sanitizer use	No	Ref	Ref	Ref	Ref
	Yes	0.78 [0.70;0.87]	<0.001	1.01 [0.90;1.13]	0.83
Sneezing in elbow	No	Ref	Ref	Ref	Ref
	Yes	0.97 [0.89;1.07]	0.6	1.27 [1.15;1.40]	<0.001
Avoiding handshakes	No	Ref	Ref	Ref	Ref
	Yes	0.76 [0.69;0.84]	<0.001	0.79 [0.71;0.88]	<0.001
Avoiding hugs	No	Ref	Ref	Ref	Ref
	Yes	0.88 [0.80;0.96]	0.0037	0.92 [0.84;1.01]	0.098
Physical distancing	No	Ref	Ref	Ref	Ref
	Yes	0.80 [0.73;0.88]	<0.001	0.86 [0.77;0.95]	0.0026
Limiting public transport	No	Ref	Ref	Ref	Ref
	Yes	0.95 [0.88;1.03]	0.22	0.98 [0.91;1.07]	0.71
Avoiding social events	No	Ref	Ref	Ref	Ref
	Yes	0.80 [0.74;0.87]	<0.001	0.86 [0.79;0.93]	<0.001
Staying more at home	No	Ref	Ref	Ref	Ref
	Yes	0.73 [0.67;0.79]	<0.001	0.81 [0.75;0.88]	<0.001

eTable 5. Subgroup Analysis of Sex: Males (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Questions	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.86 [0.79;0.93]	<0.001	0.90 [0.83;0.97]	0.0098
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.83 [0.77;0.89]	<0.001	0.76 [0.70;0.82]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	0.93 [0.86;1.01]	0.08	0.88 [0.81;0.96]	0.0036
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.02 [0.94;1.10]	0.67	1.02 [0.94;1.11]	0.65
Attending large events	No	Ref	Ref	Ref	Ref
	Yes, >30	1.35 [1.15;1.58]	<0.001	2.01 [1.68;2.41]	<0.001
	Yes, >50	1.63 [1.39;1.92]	<0.001	2.06 [1.72;2.48]	<0.001
Indoor/outdoor events	No	Ref	Ref	Ref	Ref
	Indoor	1.50 [1.33;1.70]	<0.001	2.15 [1.87;2.48]	<0.001
	Outdoor	1.29 [0.93;1.78]	0.13	1.50 [1.06;2.11]	0.021
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.21 [0.95;1.53]	0.1158	2.75 [2.16;3.51]	<0.001
	Public employee	1.35 [1.12;1.64]	0.0018	4.18 [3.44;5.08]	<0.001
	Private employee	1.28 [1.07;1.54]	0.0077	2.30 [1.91;2.76]	<0.001
	Self-employed	1.31 [1.06;1.62]	0.0129	2.09 [1.69;2.60]	<0.001
	Other	1.27 [0.97;1.65]	0.0824	1.47 [1.12;1.93]	0.0054
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.84 [0.71;1.01]	0.0637	1.41 [1.18; 1.69]	<0.001
	Own office	1.22 [1.00;1.49]	0.0467	2.43 [1.98; 2.98]	<0.001
	Shared office	1.25 [1.04;1.49]	0.0181	2.46 [2.04; 2.96]	<0.001
	Retail, library or factory worker	1.39 [1.12;1.73]	0.003	1.91 [1.54; 2.38]	<0.001
	Social care or education	1.33 [1.09;1.62]	0.0042	5.85 [4.72; 7.25]	<0.001
	Healthcare sector	1.26 [0.99;1.59]	0.0561	7.68 [5.76;10.23]	<0.001
	Transport (e.g. bus/taxi-driver)	1.31 [0.91;1.87]	0.1482	2.05 [1.40; 2.99]	<0.001
	Outdoors (e.g. gardener)	1.18 [0.93;1.50]	0.1843	1.37 [1.08; 1.74]	0.011
	Other	1.22 [0.99;1.50]	0.0609	2.03 [1.65; 2.51]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.18 [1.05;1.33]	0.0043	2.28 [2.00;2.60]	<0.001
	Yes, other	1.10 [1.00;1.21]	0.0433	1.15 [1.04;1.27]	0.005
Household size	Non-employed	0.97 [0.82;1.14]	0.6912	0.57 [0.48;0.67]	<0.001
	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.88 [0.80;0.97]	0.0073	1.32 [1.20;1.46]	<0.001
Education level	>5 persons	1.12 [0.95;1.33]	0.1667	1.99 [1.66;2.38]	<0.001
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.03 [0.89;1.18]	0.726	1.29 [1.12;1.49]	<0.001
	ISCED 2	1.06 [0.91;1.23]	0.453	1.63 [1.40;1.90]	<0.001
Income	ISCED 3&4	0.87 [0.75;1.02]	0.085	1.44 [1.23;1.69]	<0.001
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.87 [0.77;0.98]	0.018	1.16 [1.03;1.31]	0.0131
	3rd quartile	0.89 [0.79;1.00]	0.042	1.21 [1.07;1.37]	0.0018
Ethnicity	4th quartile	0.86 [0.76;0.97]	0.013	1.16 [1.02;1.31]	0.0198
	Danish	Ref	Ref	Ref	Ref

	Other	1.37 [1.23;1.53]	<0.001	3.42 [2.98;3.93]	<0.001
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eTable 6. Subgroup Analysis of Sex: Females

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Questions	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.90 [1.74;2.07]	<0.001	15.53 [13.66;17.66]	<0.001
	Close (<2 meter, >30 min.)	3.15 [2.90;3.42]	<0.001	35.10 [30.40;40.51]	<0.001
Daily contacts	<10	Ref	Ref	Ref	Ref
	10 to 50	1.06 [0.99;1.15]	0.09	1.94 [1.80;2.10]	<0.001
	>50	1.25 [1.07;1.46]	0.0045	1.88 [1.59;2.21]	<0.001
Bus travel	No	Ref	Ref	Ref	Ref
	Yes	0.80 [0.74;0.87]	<0.001	0.83 [0.76;0.90]	<0.001
Train travel	No	Ref	Ref	Ref	Ref
	Yes	0.89 [0.82;0.96]	0.0017	0.97 [0.90;1.04]	0.4
Ferry travel	No	Ref	Ref	Ref	Ref
	Yes	0.77 [0.63;0.93]	0.0066	0.73 [0.60;0.89]	0.0018
Airplane travel	No	Ref	Ref	Ref	Ref
	Yes	0.64 [0.48;0.86]	0.0035	1.08 [0.78;1.48]	0.65
Indoor sports	No	Ref	Ref	Ref	Ref
	Yes	1.16 [1.06;1.26]	<0.001	1.48 [1.35;1.61]	<0.001
Outdoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.71 [0.63;0.81]	<0.001	0.85 [0.75;0.96]	0.0089
Visiting a gym	No	Ref	Ref	Ref	Ref
	Yes	1.20 [1.10;1.30]	<0.001	1.42 [1.31;1.55]	<0.001
Use of public swimming pool or sauna	No	Ref	Ref	Ref	Ref
	Yes	0.84 [0.74;0.96]	0.013	1.01 [0.88;1.16]	0.89
Grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.52 [0.44;0.62]	<0.001	0.64 [0.54;0.76]	<0.001
Restaurants/cafés	No	Ref	Ref	Ref	Ref
	Yes	1.10 [1.02;1.18]	0.011	1.33 [1.24;1.43]	<0.001
Bar	No	Ref	Ref	Ref	Ref
	Yes	1.29 [1.17;1.43]	<0.001	1.59 [1.43;1.76]	<0.001
Wearing a mask	No	Ref	Ref	Ref	Ref
	Yes	1.06 [0.68;1.66]	0.8	1.49 [0.96;2.30]	0.073
Frequent handwashing	No	Ref	Ref	Ref	Ref
	Yes	1.11 [1.01;1.22]	0.026	1.28 [1.16;1.41]	<0.001
Frequent hand sanitizer use	No	Ref	Ref	Ref	Ref
	Yes	0.80 [0.72;0.89]	<0.001	0.95 [0.85;1.06]	0.34
Sneezing in elbow	No	Ref	Ref	Ref	Ref
	Yes	1.02 [0.93;1.12]	0.65	1.14 [1.03;1.25]	0.011
Avoiding handshakes	No	Ref	Ref	Ref	Ref
	Yes	0.72 [0.66;0.79]	<0.001	0.75 [0.68;0.83]	<0.001
Avoiding hugs	No	Ref	Ref	Ref	Ref
	Yes	0.89 [0.83;0.96]	0.0039	0.97 [0.90;1.05]	0.48
Physical distancing	No	Ref	Ref	Ref	Ref
	Yes	0.79 [0.72;0.86]	<0.001	0.79 [0.72;0.87]	<0.001
Limiting public transport	No	Ref	Ref	Ref	Ref
	Yes	1.05 [0.98;1.12]	0.19	1.02 [0.95;1.09]	0.64
Avoiding social events	No	Ref	Ref	Ref	Ref
	Yes	0.89 [0.83;0.96]	0.0019	0.85 [0.79;0.92]	<0.001
Staying more at home	No	Ref	Ref	Ref	Ref
	Yes	0.77 [0.72;0.82]	<0.001	0.60 [0.56;0.64]	<0.001

eTable 6. Subgroup Analysis of Sex: Females (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Questions	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.93 [0.86;0.99]	0.026	0.91 [0.85;0.98]	0.0094
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.95 [0.89;1.01]	0.11	0.86 [0.80;0.91]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.00 [0.93;1.08]	1	0.91 [0.84;0.98]	0.016
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.11 [1.04;1.18]	0.0027	1.05 [0.98;1.13]	0.15
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.60 [1.39;1.84]	<0.001	2.33 [2.00;2.73]	<0.001
	Yes, >50	1.78 [1.54;2.05]	<0.001	2.28 [1.96;2.66]	<0.001
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.72 [1.54;1.91]	<0.001	2.45 [2.18;2.76]	<0.001
	Outdoor	1.18 [0.78;1.80]	0.43	1.07 [0.70;1.64]	0.74
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.15 [0.95;1.39]	0.1426	2.74 [2.27;3.31]	<0.001
	Public employee	1.29 [1.11;1.50]	0.0012	4.49 [3.84;5.25]	<0.001
	Private employee	1.17 [1.00;1.37]	0.0492	2.00 [1.71;2.34]	<0.001
	Self employed	1.40 [1.14;1.72]	0.0016	2.11 [1.71;2.59]	<0.001
	Other	0.87 [0.70;1.08]	0.2142	1.30 [1.05;1.61]	0.018
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	1.00 [0.86;1.16]	0.9946	1.46 [1.25;1.69]	<0.001
	Own office	1.19 [0.98;1.45]	0.0728	2.00 [1.64;2.43]	<0.001
	Shared office	1.42 [1.21;1.66]	<0.001	2.13 [1.81;2.49]	<0.001
	Retail, library or factory worker	1.51 [1.26;1.83]	<0.001	1.77 [1.47;2.13]	<0.001
	Social care or education	1.61 [1.38;1.86]	<0.001	6.57 [5.62;7.68]	<0.001
	Healthcare sector	1.24 [1.06;1.46]	0.0079	7.96 [6.65;9.52]	<0.001
	Transport (e.g. bus/taxi-driver)	1.41 [0.76;2.60]	0.2759	2.47 [1.30;4.69]	0.0057
Outdoors (e.g. gardener)	Outdoors (e.g. gardener)	0.69 [0.38;1.23]	0.2102	1.23 [0.68;2.23]	0.4874
	Other	1.27 [1.06;1.52]	0.0086	1.82 [1.53;2.18]	<0.001
	Other	1.27 [1.06;1.52]	0.0086	1.82 [1.53;2.18]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.28 [1.17;1.39]	<0.001	3.59 [3.26;3.95]	<0.001
	Yes, other	1.13 [1.03;1.23]	0.011	1.44 [1.31;1.58]	<0.001
	Non-employed	0.86 [0.75;0.98]	0.026	0.63 [0.55;0.72]	<0.001
Household size	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	1.01 [0.93;1.10]	0.864	1.25 [1.15;1.37]	<0.001
	>5 persons	1.17 [1.01;1.36]	0.035	1.73 [1.48;2.02]	<0.001
Education level	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.00 [0.88;1.13]	0.97	1.29 [1.13;1.46]	<0.001
	ISCED 2	1.03 [0.91;1.18]	0.622	1.68 [1.47;1.92]	<0.001
	ISCED 3&4	0.87 [0.75;1.00]	0.057	1.10 [0.95;1.28]	0.2
Income	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.87 [0.79;0.95]	0.0034	0.96 [0.87;1.05]	0.363
	3rd quartile	0.89 [0.81;0.99]	0.0248	1.01 [0.92;1.12]	0.787
	4th quartile	0.88 [0.79;0.97]	0.0146	0.91 [0.81;1.01]	0.069
Ethnicity	Danish	Ref	Ref	Ref	Ref
	Other	1.32 [1.19;1.45]	<0.001	2.82 [2.52;3.15]	<0.001

eTable 7. Subgroup Analysis of Age Group 18-30 years

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Questions	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.78 [1.57;2.02]	<0.001	14.14 [11.64;17.18]	<0.001
	Close (<2 meter, >30 min.)	2.95 [2.64;3.29]	<0.001	31.13 [25.49;38.02]	<0.001
Daily contacts	<10	Ref	Ref	Ref	Ref
	10 to 50	1.13 [1.02;1.25]	0.021	1.97 [1.76;2.20]	<0.001
	>50	1.20 [0.99;1.46]	0.064	1.53 [1.24;1.88]	<0.001
Bus travel	No	Ref	Ref	Ref	Ref
	Yes	0.84 [0.76;0.93]	<0.001	0.87 [0.78;0.97]	0.012
Train travel	No	Ref	Ref	Ref	Ref
	Yes	0.92 [0.82;1.02]	0.11	1.08 [0.97;1.21]	0.16
Ferry travel	No	Ref	Ref	Ref	Ref
	Yes	0.66 [0.49;0.88]	0.0053	0.76 [0.56;1.04]	0.084
Airplane travel	No	Ref	Ref	Ref	Ref
	Yes	0.64 [0.44;0.91]	0.015	0.97 [0.65;1.45]	0.89
Indoor sports	No	Ref	Ref	Ref	Ref
	Yes	1.20 [1.07;1.34]	0.0025	1.80 [1.58;2.05]	<0.001
Outdoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.90 [0.78;1.05]	0.19	1.20 [1.02;1.42]	0.028
Visiting a gym	No	Ref	Ref	Ref	Ref
	Yes	1.27 [1.15;1.41]	<0.001	1.70 [1.52;1.90]	<0.001
Use of public swimming pool or sauna	No	Ref	Ref	Ref	Ref
	Yes	1.01 [0.83;1.23]	0.91	1.18 [0.95;1.45]	0.14
Grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.57 [0.45;0.74]	<0.001	0.80 [0.62;1.04]	0.094
Restaurants/cafés	No	Ref	Ref	Ref	Ref
	Yes	1.22 [1.10;1.36]	<0.001	1.79 [1.60;2.00]	<0.001
Bar	No	Ref	Ref	Ref	Ref
	Yes	1.39 [1.25;1.54]	<0.001	2.06 [1.83;2.31]	<0.001
Wearing a mask	No	Ref	Ref	Ref	Ref
	Yes	1.16 [0.60;2.23]	0.66	2.13 [1.13;4.02]	0.02
Frequent handwashing	No	Ref	Ref	Ref	Ref
	Yes	1.30 [1.16;1.46]	<0.001	1.61 [1.44;1.82]	<0.001
Frequent hand sanitizer use	No	Ref	Ref	Ref	Ref
	Yes	0.99 [0.86;1.13]	0.84	1.17 [1.02;1.35]	0.028
Sneezing in elbow	No	Ref	Ref	Ref	Ref
	Yes	1.11 [0.98;1.25]	0.088	1.39 [1.22;1.57]	<0.001
Avoiding handshakes	No	Ref	Ref	Ref	Ref
	Yes	0.86 [0.77;0.96]	0.0081	0.88 [0.78;0.99]	0.037
Avoiding hugs	No	Ref	Ref	Ref	Ref
	Yes	0.89 [0.81;0.98]	0.019	0.94 [0.85;1.04]	0.21
Physical distancing	No	Ref	Ref	Ref	Ref
	Yes	0.93 [0.83;1.04]	0.22	0.98 [0.87;1.11]	0.8
Limiting public transport	No	Ref	Ref	Ref	Ref
	Yes	1.08 [0.98;1.18]	0.12	1.03 [0.94;1.14]	0.51
Avoiding social events	No	Ref	Ref	Ref	Ref
	Yes	0.81 [0.73;0.89]	<0.001	0.82 [0.74;0.91]	<0.001
Staying more at home	No	Ref	Ref	Ref	Ref
	Yes	0.78 [0.71;0.86]	<0.001	0.78 [0.71;0.86]	<0.001

eTable 7. Subgroup Analysis of Age Group 18-30 years (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Questions	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.97 [0.89;1.07]	0.55	1.00 [0.90;1.10]	0.94
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.88 [0.81;0.97]	0.0094	0.79 [0.72;0.87]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.16 [1.04;1.28]	0.0057	1.15 [1.03;1.28]	0.01
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.05 [0.95;1.17]	0.34	0.95 [0.85;1.07]	0.41
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.44 [1.20;1.74]	<0.001	2.29 [1.85;2.85]	<0.001
	Yes, >50	1.47 [1.21;1.80]	<0.001	2.63 [2.06;3.34]	<0.001
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.44 [1.24;1.67]	<0.001	2.64 [2.21;3.16]	<0.001
	Outdoor	1.65 [1.09;2.51]	0.019	1.47 [0.95;2.29]	0.085
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.36 [1.00;1.83]	0.0474	3.02 [2.26;4.04]	<0.001
	Public employee	1.54 [1.13;2.10]	0.0062	4.76 [3.51;6.46]	<0.001
	Private employee	1.44 [1.06;1.95]	0.018	2.38 [1.77;3.19]	<0.001
	Self employed	1.49 [0.94;2.36]	0.0885	1.95 [1.23;3.10]	0.0047
	Other	1.12 [0.72;1.76]	0.6135	1.28 [0.82;1.98]	0.2741
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.95 [0.775;1.17]	0.6523	1.44 [1.17;1.78]	<0.001
	Own office	1.31 [0.979;1.75]	0.0696	2.22 [1.64;3.01]	<0.001
	Shared office	1.39 [1.113;1.73]	0.0036	2.16 [1.72;2.70]	<0.001
	Retail, library or factory worker	1.49 [1.181;1.87]	<0.001	1.57 [1.25;1.98]	<0.001
	Social care or education	1.49 [1.205;1.85]	<0.001	4.69 [3.73;5.90]	<0.001
	Healthcare sector	1.43 [1.113;1.83]	0.005	6.91 [5.19;9.21]	<0.001
	Transport (e.g. bus/taxi-driver)	0.44 [0.098;1.95]	0.2775	0.67 [0.15;2.99]	0.6
	Outdoors (e.g. gardener)	1.10 [0.720;1.69]	0.65	1.04 [0.67;1.60]	0.88
	Other	1.42 [1.104;1.82]	0.0062	2.15 [1.67;2.77]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.27 [1.12;1.45]	<0.001	2.44 [2.11;2.83]	<0.001
	Yes, other	1.10 [0.97;1.25]	0.12	1.10 [0.97;1.25]	0.15
Household size	Non-employed	0.90 [0.76;1.08]	0.26	0.64 [0.54;0.76]	<0.001
	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.97 [0.84;1.12]	0.7	0.94 [0.81;1.09]	0.403
Education level	>5 persons	1.17 [0.93;1.46]	0.18	1.34 [1.06;1.70]	0.016
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.12 [0.93;1.35]	0.2299	1.54 [1.29;1.85]	<0.001
	ISCED 2	1.37 [1.09;1.71]	0.0058	1.83 [1.47;2.28]	<0.001
Income	ISCED 3&4	1.23 [0.92;1.64]	0.1691	1.72 [1.29;2.31]	<0.001
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.93 [0.82;1.06]	0.27	0.95 [0.83;1.08]	0.405
	3rd quartile	0.95 [0.82;1.11]	0.53	1.11 [0.95;1.29]	0.198
Ethnicity	4th quartile	1.00 [0.84;1.20]	0.96	1.22 [1.02;1.47]	0.031
	Danish	Ref	Ref	Ref	Ref

	Other	1.40 [1.22;1.62]	<0.001	2.58 [2.19;3.05]	<0.001
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eTable 8. Subgroup Analysis of Age Group 30-60 years

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.65 [1.52;1.80]	<0.001	12.34 [10.92;13.96]	<0.001
	Close (<2 meter, >30 min.)	2.80 [2.57;3.04]	<0.001	30.66 [26.50;35.47]	<0.001
Daily contacts	<10	Ref	Ref	Ref	Ref
	10 to 50	1.01 [0.94;1.09]	0.752	1.77 [1.64;1.91]	<0.001
	>50	1.25 [1.07;1.46]	0.0057	1.91 [1.62;2.26]	<0.001
Bus travel	No	Ref	Ref	Ref	Ref
	Yes	0.82 [0.75;0.89]	<0.001	0.85 [0.77;0.93]	<0.001
Train travel	No	Ref	Ref	Ref	Ref
	Yes	0.81 [0.75;0.87]	<0.001	0.89 [0.82;0.96]	0.0032
Ferry travel	No	Ref	Ref	Ref	Ref
	Yes	0.77 [0.65;0.92]	0.0039	0.80 [0.67;0.95]	0.012
Airplane travel	No	Ref	Ref	Ref	Ref
	Yes	0.76 [0.59;0.99]	0.04	1.38 [1.04;1.83]	0.027
Indoor sports	No	Ref	Ref	Ref	Ref
	Yes	1.14 [1.05;1.24]	0.0016	1.42 [1.30;1.55]	<0.001
Outdoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.69 [0.62;0.77]	<0.001	0.86 [0.77;0.96]	0.0082
Visiting a gym	No	Ref	Ref	Ref	Ref
	Yes	1.29 [1.19;1.41]	<0.001	1.48 [1.35;1.61]	<0.001
Use of public swimming pool or sauna	No	Ref	Ref	Ref	Ref
	Yes	0.81 [0.71;0.92]	0.0011	1.01 [0.88;1.15]	0.92
Grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.46 [0.39;0.55]	<0.001	0.46 [0.39;0.55]	<0.001
Restaurants/cafés	No	Ref	Ref	Ref	Ref
	Yes	1.00 [0.93;1.08]	0.93	1.20 [1.12;1.29]	<0.001
Bar	No	Ref	Ref	Ref	Ref
	Yes	1.21 [1.10;1.34]	<0.001	1.36 [1.22;1.51]	<0.001
Wearing a mask	No	Ref	Ref	Ref	Ref
	Yes	1.02 [0.69;1.52]	0.92	1.51 [1.01;2.25]	0.045
Frequent handwashing	No	Ref	Ref	Ref	Ref
	Yes	1.01 [0.92;1.11]	0.78	1.21 [1.10;1.34]	<0.001
Frequent hand sanitizer use	No	Ref	Ref	Ref	Ref
	Yes	0.70 [0.63;0.78]	<0.001	0.93 [0.84;1.03]	0.16
Sneezing in elbow	No	Ref	Ref	Ref	Ref
	Yes	0.94 [0.86;1.03]	0.22	1.16 [1.06;1.28]	0.0016
Avoiding handshakes	No	Ref	Ref	Ref	Ref
	Yes	0.69 [0.63;0.76]	<0.001	0.75 [0.68;0.83]	<0.001
Avoiding hugs	No	Ref	Ref	Ref	Ref
	Yes	0.90 [0.83;0.97]	0.0066	1.00 [0.92;1.08]	0.94
Physical distancing	No	Ref	Ref	Ref	Ref
	Yes	0.75 [0.68;0.81]	<0.001	0.80 [0.73;0.88]	<0.001
Limiting public transport	No	Ref	Ref	Ref	Ref
	Yes	1.01 [0.94;1.08]	0.77	1.07 [1.00;1.15]	0.064
Avoiding social events	No	Ref	Ref	Ref	Ref
	Yes	0.83 [0.78;0.90]	<0.001	0.87 [0.80;0.93]	<0.001

Staying more at home	No	Ref	Ref	Ref	Ref
	Yes	0.73 [0.68;0.78]	<0.001	0.60 [0.56;0.65]	<0.001

eTable 8. Subgroup Analysis of Age Group 30-60 years (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.89 [0.83;0.95]	<0.001	0.95 [0.89;1.02]	0.18
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.91 [0.85;0.97]	0.0032	0.85 [0.80;0.91]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	0.91 [0.84;0.98]	0.0098	0.85 [0.78;0.92]	<0.001
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.08 [1.01;1.15]	0.019	1.10 [1.03;1.18]	0.0067
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.55 [1.35;1.79]	<0.001	2.10 [1.80;2.46]	<0.001
	Yes, >50	1.77 [1.54;2.03]	<0.001	2.00 [1.73;2.32]	<0.001
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.71 [1.54;1.90]	<0.001	2.16 [1.93;2.43]	<0.001
	Outdoor	1.15 [0.81;1.62]	0.44	1.23 [0.86;1.76]	0.26
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.29 [0.94;1.77]	0.122	2.50 [1.80;3.46]	<0.001
	Public employee	1.39 [1.15;1.68]	<0.001	4.71 [3.91;5.68]	<0.001
	Private employee	1.27 [1.05;1.54]	0.012	2.31 [1.92;2.78]	<0.001
	Self employed	1.46 [1.18;1.81]	<0.001	2.37 [1.92;2.93]	<0.001
	Other	1.24 [0.94;1.63]	0.124	1.86 [1.42;2.44]	<0.001
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.94 [0.78;1.14]	0.5499	1.57 [1.30; 1.90]	<0.001
	Own office	1.23 [1.00;1.51]	0.0492	2.42 [1.97; 2.97]	<0.001
	Shared office	1.32 [1.09;1.60]	0.0046	2.51 [2.08; 3.03]	<0.001
	Retail, library or factory worker	1.47 [1.17;1.85]	0.0011	2.15 [1.71; 2.69]	<0.001
	Social care or education	1.50 [1.24;1.82]	<0.001	7.65 [6.29; 9.29]	<0.001
	Healthcare sector	1.19 [0.97;1.45]	0.1011	9.77 [7.84;12.17]	<0.001
	Transport (e.g. bus/taxi-driver)	1.37 [0.95;1.99]	0.0937	2.79 [1.89; 4.11]	<0.001
	Outdoors (e.g. gardener)	1.24 [0.94;1.63]	0.1343	1.62 [1.23; 2.14]	<0.001
	Other	1.19 [0.96;1.48]	0.1119	2.08 [1.68; 2.59]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.24 [1.13;1.35]	<0.001	3.27 [2.97;3.61]	<0.001
	Yes, other	1.11 [1.03;1.21]	0.011	1.37 [1.26;1.49]	<0.001
Household size	Non-employed	0.86 [0.72;1.03]	0.104	0.52 [0.44;0.62]	<0.001
	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.94 [0.88;1.01]	0.099	1.37 [1.27;1.48]	<0.001
Education level	>5 persons	1.14 [1.00;1.29]	0.051	1.99 [1.74;2.28]	<0.001
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	0.95 [0.83;1.08]	0.4486	1.14 [0.99;1.30]	0.06
	ISCED 2	0.96 [0.84;1.09]	0.5068	1.57 [1.37;1.79]	<0.001
Income	ISCED 3&4	0.80 [0.70;0.91]	0.0011	1.10 [0.96;1.26]	0.18
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.79 [0.72;0.88]	<0.001	1.02 [0.92;1.13]	0.72
	3rd quartile	0.83 [0.75;0.91]	<0.001	1.06 [0.96;1.17]	0.276
Ethnicity	4th quartile	0.79 [0.71;0.87]	<0.001	0.90 [0.80;1.00]	0.041
	Danish	Ref	Ref	Ref	Ref

	Other	1.36 [1.24;1.49]	<0.001	3.44 [3.09;3.84]	<0.001
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eTable 9. Subgroup Analysis of Age Group >60 years

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	2.16 [1.76;2.65]	<0.001	17.99 [12.52;25.85]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	4.51 [3.69;5.50]	<0.001	57.68 [36.74;90.56]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.02 [0.85;1.24]	0.818	1.89 [1.53;2.33]	<0.001
Bus travel	>50	1.48 [0.93;2.37]	0.099	1.93 [1.16;3.19]	0.011
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.84 [0.70;1.01]	0.065	0.94 [0.78;1.15]	0.56
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	1.00 [0.84;1.18]	0.98	1.17 [0.98;1.39]	0.076
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.96 [0.69;1.33]	0.81	1.26 [0.90;1.76]	0.17
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.55 [0.29;1.01]	0.055	1.43 [0.71;2.88]	0.32
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.15 [0.95;1.38]	0.14	1.59 [1.31;1.93]	<0.001
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.74 [0.57;0.96]	0.021	0.97 [0.74;1.26]	0.81
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.02 [0.81;1.28]	0.86	1.48 [1.17;1.88]	0.0013
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	1.02 [0.75;1.38]	0.89	1.28 [0.94;1.76]	0.12
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.64 [0.47;0.87]	0.0043	0.94 [0.70;1.27]	0.71
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.11 [0.95;1.30]	0.18	1.67 [1.42;1.97]	<0.001
	No	Ref	Ref	Ref	Ref
Wearing a mask	Yes	1.35 [1.00;1.82]	0.052	1.81 [1.33;2.47]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent handwashing	Yes	0.84 [0.32;2.17]	0.71	1.52 [0.59;3.88]	0.38
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	0.87 [0.71;1.07]	0.19	0.80 [0.64;0.99]	0.044
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	0.72 [0.59;0.90]	0.0029	0.79 [0.64;0.99]	0.042
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	0.95 [0.79;1.14]	0.59	1.02 [0.84;1.23]	0.87
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.57 [0.46;0.70]	<0.001	0.49 [0.39;0.62]	<0.001
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	0.79 [0.65;0.95]	0.014	0.75 [0.62;0.92]	0.0051
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.66 [0.55;0.81]	<0.001	0.56 [0.45;0.69]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	0.81 [0.70;0.94]	0.0055	0.68 [0.58;0.79]	<0.001
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	1.03 [0.89;1.19]	0.7	0.83 [0.72;0.97]	0.018
	No	Ref	Ref	Ref	Ref
	Yes	0.82 [0.68;0.97]	0.024	0.88 [0.74;1.06]	0.17

eTable 9. Subgroup Analysis of Age Group >60 years (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls		
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value	
Avoiding crowds	No	Ref	Ref	Ref	Ref	
	Yes	0.73 [0.63;0.85]	<0.001	0.55 [0.47;0.64]	<0.001	
Avoiding sports with others	No	Ref	Ref	Ref	Ref	
	Yes	0.83 [0.72;0.95]	0.0074	0.68 [0.59;0.79]	<0.001	
Limiting traveling	No	Ref	Ref	Ref	Ref	
	Yes	0.84 [0.72;0.97]	0.022	0.65 [0.55;0.76]	<0.001	
Limiting grocery shopping	No	Ref	Ref	Ref	Ref	
	Yes	1.05 [0.92;1.21]	0.45	0.87 [0.76;1.01]	0.061	
Attending large event	No	Ref	Ref	Ref	Ref	
	Yes, >30	1.27 [0.93;1.73]	0.14	2.38 [1.65;3.44]	<0.001	
	Yes, >50	2.08 [1.52;2.85]	<0.001	2.37 [1.67;3.36]	<0.001	
	Indoor/outdoor event	No	Ref	Ref	Ref	
Indoor/outdoor event	Indoor	1.68 [1.33;2.13]	<0.001	2.57 [1.96;3.38]	<0.001	
	Outdoor	0.69 [0.26;1.83]	0.46	1.00 [0.41;2.47]	0.99	
	Primary employment	Non-employed	Ref	Ref	Ref	
Primary employment	Public employee	1.18 [0.95;1.48]	0.142	4.74 [3.68;6.11]	<0.001	
	Private employee	1.26 [0.99;1.61]	0.06	1.93 [1.50;2.48]	<0.001	
	Self employed	1.02 [0.75;1.37]	0.916	1.68 [1.24;2.27]	<0.001	
	Other	0.80 [0.61;1.04]	0.099	1.06 [0.81;1.38]	0.67	
Type of occupation	Non-employed	Ref	Ref	Ref	Ref	
	At home	0.81 [0.61;1.07]	0.1429	1.20 [0.90; 1.60]	0.2034	
	Own office	1.19 [0.84;1.69]	0.3233	2.36 [1.62; 3.44]	<0.001	
	Shared office	1.39 [1.01;1.91]	0.0414	2.63 [1.87; 3.71]	<0.001	
	Retail, library or factory worker	1.45 [0.94;2.25]	0.0944	2.23 [1.42; 3.52]	<0.001	
	Social care or education	1.50 [1.14;1.97]	0.0041	8.30 [5.87;11.73]	<0.001	
	Healthcare sector	1.03 [0.74;1.43]	0.8752	6.88 [4.49;10.54]	<0.001	
	Transport (e.g. bus/taxi-driver)	1.64 [0.79;3.43]	0.1869	1.68 [0.78; 3.63]	0.1827	
	Outdoors (e.g. gardener)	0.83 [0.46;1.47]	0.5176	1.24 [0.69; 2.23]	0.4643	
	Other	1.17 [0.88;1.57]	0.2737	1.46 [1.10; 1.96]	0.0099	
	Contact to people at work	No contact	Ref	Ref	Ref	Ref
		Yes, close	1.15 [0.88;1.50]	0.32	4.22 [3.07;5.79]	<0.001
		Yes, other	1.08 [0.84;1.38]	0.54	1.75 [1.35;2.25]	<0.001
Non-employed		0.94 [0.75;1.19]	0.62	0.74 [0.58;0.93]	0.012	
Household size	1 to 2 persons	Ref	Ref	Ref	Ref	
	3 to 4 persons	1.11 [0.82;1.50]	0.51	1.62 [1.16;2.28]	0.0048	
	>5 persons	1.97 [0.61;6.35]	0.26	1.71 [0.39;7.64]	0.4792	
Education level	ISCED 0	Ref	Ref	Ref	Ref	
	ISCED 1	1.07 [0.87;1.33]	0.52	1.38 [1.10;1.73]	0.005	
	ISCED 2	1.05 [0.84;1.31]	0.68	1.59 [1.26;2.00]	<0.001	
	ISCED 3&4	0.92 [0.71;1.19]	0.54	1.48 [1.13;1.94]	0.004	
Income	1st quartile	Ref	Ref	Ref	Ref	
	2nd quartile	0.97 [0.78;1.21]	0.77	1.24 [1.00;1.54]	0.054	
	3rd quartile	0.95 [0.76;1.19]	0.66	1.28 [1.02;1.60]	0.033	
	4th quartile	0.96 [0.77;1.19]	0.71	1.43 [1.16;1.77]	0.001	
Ethnicity	Danish	Ref	Ref	Ref	Ref	
	Other	1.06 [0.82;1.37]	0.65	2.13 [1.58;2.88]	<0.001	

eTable 10. Subgroup Analysis of education level (ISCED group 0-1)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.60 [1.44;1.77]	<0.001	10.97 [9.41;12.78]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	2.95 [2.69;3.23]	<0.001	30.43 [25.75;35.95]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.01 [0.92;1.09]	0.9	1.82 [1.66;1.99]	<0.001
Bus travel	>50	1.01 [0.85;1.20]	0.92	1.18 [0.98;1.41]	0.074
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.83 [0.76;0.91]	<0.001	0.89 [0.81;0.98]	0.014
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.89 [0.81;0.97]	0.012	1.01 [0.92;1.11]	0.85
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.64 [0.51;0.81]	<0.001	0.80 [0.64;1.01]	0.061
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.63 [0.45;0.88]	0.0061	1.16 [0.81;1.68]	0.42
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.13 [1.02;1.25]	0.019	1.54 [1.38;1.72]	<0.001
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.78 [0.68;0.89]	<0.001	1.06 [0.93;1.22]	0.39
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.28 [1.17;1.41]	<0.001	1.66 [1.51;1.84]	<0.001
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.93 [0.79;1.11]	0.42	1.26 [1.05;1.51]	0.013
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.51 [0.43;0.61]	<0.001	0.65 [0.54;0.78]	<0.001
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.10 [1.01;1.20]	0.027	1.52 [1.40;1.66]	<0.001
	No	Ref	Ref	Ref	Ref
Wearing a mask	Yes	1.33 [1.20;1.48]	<0.001	1.85 [1.66;2.06]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent handwashing	Yes	1.10 [0.70;1.72]	0.68	1.91 [1.23;2.95]	0.0037
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	1.07 [0.98;1.18]	0.15	1.25 [1.14;1.38]	<0.001
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	0.81 [0.73;0.89]	<0.001	0.95 [0.86;1.06]	0.36
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	0.98 [0.89;1.07]	0.6	1.11 [1.00;1.22]	0.041
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.72 [0.66;0.79]	<0.001	0.75 [0.68;0.82]	<0.001
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	0.83 [0.76;0.90]	<0.001	0.87 [0.80;0.95]	0.0014
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.77 [0.70;0.84]	<0.001	0.75 [0.69;0.83]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	0.99 [0.92;1.07]	0.84	0.94 [0.87;1.02]	0.14
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	0.86 [0.80;0.93]	<0.001	0.83 [0.77;0.90]	<0.001
	No	Ref	Ref	Ref	Ref
	Yes	0.80 [0.74;0.87]	<0.001	0.76 [0.70;0.82]	<0.001

eTable 10. Subgroup Analysis of education level (ISCED group 0-1) (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.90 [0.83;0.97]	0.0051	0.85 [0.79;0.92]	<0.001
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.87 [0.80;0.93]	<0.001	0.77 [0.71;0.83]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.01 [0.93;1.09]	0.81	0.92 [0.85;1.00]	0.059
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.04 [0.96;1.13]	0.28	1.01 [0.93;1.10]	0.77
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.47 [1.26;1.73]	<0.001	2.27 [1.89;2.72]	<0.001
	Yes, >50	1.54 [1.31;1.82]	<0.001	2.29 [1.89;2.76]	<0.001
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.53 [1.36;1.74]	<0.001	2.49 [2.16;2.87]	<0.001
	Outdoor	1.29 [0.89;1.87]	0.19	1.27 [0.86;1.86]	0.23
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.26 [1.03;1.53]	0.0215	3.06 [2.51;3.72]	<0.001
	Public employee	1.35 [1.13;1.62]	<0.001	5.61 [4.65;6.77]	<0.001
	Private employee	1.28 [1.07;1.52]	0.0066	2.16 [1.81;2.57]	<0.001
	Self employed	1.35 [1.08;1.69]	0.0095	2.03 [1.61;2.55]	<0.001
	Other	0.95 [0.75;1.21]	0.7004	1.25 [0.98;1.59]	0.069
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.97 [0.82;1.14]	0.6946	1.44 [1.22;1.70]	<0.001
	Own office	1.36 [1.09;1.68]	0.0052	1.96 [1.57;2.43]	<0.001
	Shared office	1.39 [1.17;1.65]	<0.001	2.42 [2.03;2.88]	<0.001
	Retail, library or factory worker	1.45 [1.21;1.73]	<0.001	1.60 [1.34;1.92]	<0.001
	Social care or education	1.45 [1.23;1.71]	<0.001	6.62 [5.52;7.93]	<0.001
	Healthcare sector	1.25 [1.03;1.52]	0.0257	7.67 [6.10;9.66]	<0.001
	Transport (e.g. bus/taxi-driver)	1.33 [0.92;1.94]	0.1304	1.75 [1.19;2.58]	0.0048
	Outdoors (e.g. gardener)	1.18 [0.93;1.51]	0.1705	1.36 [1.07;1.73]	0.0135
	Other	1.30 [1.09;1.56]	0.0041	1.89 [1.58;2.26]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.13 [1.01;1.26]	0.027	2.39 [2.12;2.69]	<0.001
	Yes, other	1.04 [0.94;1.15]	0.463	1.12 [1.01;1.24]	0.033
	Non-employed	0.89 [0.77;1.02]	0.093	0.58 [0.50;0.66]	<0.001
Household size	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.99 [0.90;1.09]	0.888	1.26 [1.14;1.39]	<0.001
	>5 persons	1.28 [1.09;1.50]	0.0028	1.92 [1.61;2.29]	<0.001
Education level	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.03 [0.93;1.13]	0.62	1.28 [1.16;1.42]	<0.001
Income	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.88 [0.79;0.97]	0.014	0.99 [0.89;1.10]	0.86
	3rd quartile	0.91 [0.82;1.02]	0.107	1.09 [0.97;1.22]	0.15
	4th quartile	0.98 [0.86;1.10]	0.691	1.11 [0.98;1.25]	0.1
Ethnicity	Danish	Ref	Ref	Ref	Ref
	Other	1.60 [1.42;1.80]	<0.001	2.69 [2.35;3.08]	<0.001

eTable 11. Subgroup Analysis of Education Level (ISCED 2-4)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.90 [1.73;2.09]	<0.001	15.28 [13.18;17.70]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	3.04 [2.77;3.33]	<0.001	34.91 [29.21;41.72]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.09 [1.01;1.19]	0.035	1.86 [1.70;2.03]	<0.001
Bus travel	>50	1.55 [1.30;1.84]	<0.001	3.07 [2.51;3.76]	<0.001
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.84 [0.76;0.92]	<0.001	0.85 [0.77;0.94]	0.0015
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.86 [0.79;0.93]	<0.001	0.93 [0.85;1.01]	0.1
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.85 [0.71;1.02]	0.078	0.85 [0.70;1.02]	0.088
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.83 [0.63;1.09]	0.18	1.34 [0.98;1.82]	0.063
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.16 [1.06;1.26]	0.0017	1.44 [1.31;1.59]	<0.001
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.73 [0.65;0.83]	<0.001	0.87 [0.77;0.99]	0.033
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.29 [1.18;1.42]	<0.001	1.53 [1.39;1.69]	<0.001
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.83 [0.72;0.95]	0.0068	0.94 [0.82;1.09]	0.44
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.52 [0.42;0.64]	<0.001	0.60 [0.48;0.74]	<0.001
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.06 [0.98;1.15]	0.13	1.27 [1.16;1.38]	<0.001
	No	Ref	Ref	Ref	Ref
Wearing a mask	Yes	1.26 [1.13;1.40]	<0.001	1.50 [1.34;1.69]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent handwashing	Yes	1.14 [0.67;1.92]	0.63	1.57 [0.88;2.81]	0.12
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	1.16 [1.04;1.30]	0.008	1.46 [1.30;1.64]	<0.001
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	0.78 [0.68;0.89]	<0.001	1.10 [0.96;1.25]	0.18
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	1.06 [0.95;1.18]	0.33	1.37 [1.22;1.54]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.78 [0.69;0.88]	<0.001	0.83 [0.73;0.95]	0.0057
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	1.00 [0.91;1.10]	0.93	1.09 [0.98;1.20]	0.11
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.84 [0.75;0.94]	0.0022	0.99 [0.88;1.11]	0.82
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	1.06 [0.98;1.15]	0.17	1.10 [1.01;1.20]	0.026
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	0.84 [0.77;0.92]	<0.001	0.90 [0.82;0.98]	0.016
	No	Ref	Ref	Ref	Ref
	Yes	0.72 [0.67;0.78]	<0.001	0.56 [0.52;0.61]	<0.001

eTable 11. Subgroup Analysis of Education Level (ISCED 2-4) (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.91 [0.84;0.98]	0.014	1.00 [0.92;1.09]	0.97
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.90 [0.84;0.97]	0.004	0.86 [0.79;0.93]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	0.91 [0.83;0.99]	0.034	0.88 [0.80;0.97]	0.01
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.10 [1.02;1.19]	0.011	1.10 [1.01;1.19]	0.021
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.49 [1.28;1.74]	<0.001	2.06 [1.73;2.45]	<0.001
	Yes, >50	1.89 [1.63;2.21]	<0.001	2.10 [1.78;2.47]	<0.001
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.70 [1.51;1.91]	<0.001	2.14 [1.88;2.43]	<0.001
	Outdoor	1.34 [0.90;1.99]	0.15	1.41 [0.94;2.11]	0.1
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.11 [0.78;1.58]	0.572	2.20 [1.53;3.18]	<0.001
	Public employee	1.28 [1.06;1.54]	0.0097	3.72 [3.06;4.52]	<0.001
	Private employee	1.16 [0.96;1.41]	0.1137	2.00 [1.64;2.43]	<0.001
	Self employed	1.30 [1.04;1.62]	0.0218	2.12 [1.69;2.67]	<0.001
Type of occupation	Other	1.17 [0.88;1.55]	0.2776	1.82 [1.36;2.44]	<0.001
	Non-employed	Ref	Ref	Ref	Ref
	At home	0.86 [0.71;1.04]	0.1254	1.36 [1.12; 1.66]	0.0021
	Own office	1.15 [0.93;1.42]	0.1958	2.31 [1.85; 2.89]	<0.001
	Shared office	1.25 [1.02;1.52]	0.0275	2.04 [1.67; 2.50]	<0.001
	Retail, library or factory worker	1.61 [1.20;2.17]	0.0017	2.55 [1.89; 3.46]	<0.001
	Social care or education	1.49 [1.22;1.81]	<0.001	5.98 [4.85; 7.38]	<0.001
	Healthcare sector	1.08 [0.87;1.33]	0.4852	7.71 [6.09; 9.77]	<0.001
	Transport (e.g. bus/taxi-driver)	1.29 [0.63;2.63]	0.4894	4.59 [1.97;10.72]	<0.001
	Outdoors (e.g. gardener)	1.03 [0.60;1.76]	0.9282	1.47 [0.79; 2.74]	0.2198
Contact to people at work	Other	1.14 [0.90;1.45]	0.2872	1.99 [1.54; 2.57]	<0.001
	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.31 [1.19;1.45]	<0.001	3.78 [3.38;4.24]	<0.001
Household size	Yes, other	1.19 [1.08;1.31]	<0.001	1.58 [1.43;1.74]	<0.001
	Non-employed	0.90 [0.75;1.09]	0.28	0.62 [0.51;0.75]	<0.001
	1 to 2 persons	Ref	Ref	Ref	Ref
Education level	3 to 4 persons	0.90 [0.82;0.99]	0.029	1.23 [1.12;1.36]	<0.001
	>5 persons	1.07 [0.91;1.26]	0.441	1.60 [1.34;1.91]	<0.001
	ISCED 2	Ref	Ref	Ref	Ref
Income	ISCED 3&4	0.84 [0.77;0.90]	<0.001	0.73 [0.67;0.79]	<0.001
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.84 [0.75;0.95]	0.0052	1.06 [0.94;1.20]	0.354
	3rd quartile	0.84 [0.74;0.94]	0.0033	1.02 [0.90;1.15]	0.783
Ethnicity	4th quartile	0.78 [0.69;0.89]	<0.001	0.85 [0.75;0.97]	0.015
	Danish	Ref	Ref	Ref	Ref
	Other	1.15 [1.03;1.29]	0.012	2.70 [2.35;3.09]	<0.001

eTable 12. Subgroup Analysis of Household Size: 1-2 Members

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.69 [1.54;1.85]	<0.001	13.15 [11.49;15.05]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	3.10 [2.85;3.37]	<0.001	33.35 [28.62;38.86]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.05 [0.97;1.13]	0.225	1.82 [1.68;1.97]	<0.001
Bus travel	>50	1.22 [1.04;1.44]	0.013	1.69 [1.43;2.00]	<0.001
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.83 [0.76;0.89]	<0.001	0.86 [0.79;0.94]	<0.001
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.88 [0.81;0.95]	<0.001	1.02 [0.94;1.10]	0.66
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.82 [0.69;0.97]	0.022	0.92 [0.77;1.10]	0.35
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.64 [0.50;0.83]	<0.001	1.09 [0.82;1.45]	0.55
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.16 [1.07;1.27]	<0.001	1.64 [1.50;1.79]	<0.001
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.78 [0.70;0.88]	<0.001	1.03 [0.91;1.16]	0.65
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.24 [1.14;1.35]	<0.001	1.54 [1.41;1.68]	<0.001
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.97 [0.84;1.11]	0.63	1.21 [1.04;1.40]	0.011
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.53 [0.45;0.64]	<0.001	0.68 [0.57;0.80]	<0.001
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.10 [1.02;1.18]	0.012	1.53 [1.42;1.65]	<0.001
	No	Ref	Ref	Ref	Ref
Wearing a mask	Yes	1.26 [1.15;1.38]	<0.001	1.71 [1.56;1.89]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent handwashing	Yes	1.36 [0.86;2.14]	0.19	1.98 [1.26;3.11]	0.0032
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	1.18 [1.07;1.29]	<0.001	1.41 [1.28;1.55]	<0.001
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	0.89 [0.81;0.99]	0.034	1.11 [1.00;1.23]	0.055
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	1.10 [1.00;1.20]	0.051	1.33 [1.21;1.46]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.83 [0.76;0.92]	<0.001	0.85 [0.77;0.93]	<0.001
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	0.96 [0.89;1.04]	0.32	0.99 [0.91;1.07]	0.72
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.84 [0.77;0.92]	<0.001	0.84 [0.77;0.93]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	1.07 [0.99;1.14]	0.071	1.00 [0.93;1.07]	0.9
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	0.96 [0.89;1.03]	0.22	0.91 [0.84;0.98]	0.011
	No	Ref	Ref	Ref	Ref
	Yes	0.82 [0.77;0.88]	<0.001	0.74 [0.69;0.80]	<0.001

eTable 12. Subgroup Analysis of Household Size: 1-2 Members (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.96 [0.90;1.03]	0.3	0.94 [0.87;1.01]	0.087
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.91 [0.85;0.97]	0.0046	0.81 [0.75;0.86]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.03 [0.96;1.11]	0.43	0.92 [0.85;1.00]	0.044
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.09 [1.01;1.16]	0.019	1.02 [0.95;1.10]	0.56
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.55 [1.35;1.79]	<0.001	2.27 [1.94;2.66]	<0.001
	Yes, >50	1.72 [1.49;1.98]	<0.001	2.33 [2.00;2.73]	<0.001
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.67 [1.50;1.85]	<0.001	2.44 [2.16;2.75]	<0.001
	Outdoor	1.30 [0.92;1.82]	0.13	1.42 [1.00;2.01]	0.048
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.09 [0.91;1.30]	0.364	2.72 [2.27;3.27]	<0.001
	Public employee	1.29 [1.12;1.49]	<0.001	4.56 [3.94;5.28]	<0.001
	Private employee	1.28 [1.11;1.47]	<0.001	2.32 [2.01;2.68]	<0.001
	Self employed	1.25 [1.04;1.51]	0.017	2.06 [1.71;2.48]	<0.001
	Other	0.96 [0.78;1.17]	0.68	1.35 [1.11;1.65]	0.0032
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.95 [0.82;1.09]	0.452	1.54 [1.34; 1.78]	<0.001
	Own office	1.36 [1.14;1.62]	<0.001	2.48 [2.07; 2.96]	<0.001
	Shared office	1.41 [1.21;1.63]	<0.001	2.33 [2.01; 2.70]	<0.001
	Retail, library or factory worker	1.53 [1.27;1.84]	<0.001	1.89 [1.58; 2.27]	<0.001
	Social care or education	1.45 [1.25;1.69]	<0.001	6.75 [5.74; 7.94]	<0.001
	Healthcare sector	1.16 [0.99;1.37]	0.071	8.50 [7.00;10.32]	<0.001
	Transport (e.g. bus/taxi-driver)	0.98 [0.63;1.54]	0.938	1.50 [0.93; 2.41]	0.0926
	Outdoors (e.g. gardener)	1.20 [0.92;1.57]	0.186	1.47 [1.12; 1.91]	0.0048
	Other	1.20 [1.01;1.42]	0.038	1.91 [1.61; 2.27]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.14 [1.04;1.25]	0.0065	3.02 [2.72;3.36]	<0.001
	Yes, other	1.09 [1.00;1.20]	0.0504	1.29 [1.17;1.41]	<0.001
	Non-employed	0.84 [0.74;0.96]	0.0103	0.55 [0.48;0.63]	<0.001
Education level	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.02 [0.91;1.16]	0.7	1.36 [1.20;1.53]	<0.001
	ISCED 2	1.09 [0.96;1.24]	0.17	1.74 [1.53;1.97]	<0.001
	ISCED 3&4	0.95 [0.83;1.10]	0.51	1.38 [1.20;1.59]	<0.001
Income	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.93 [0.84;1.02]	0.11	1.05 [0.96;1.16]	0.28
	3rd quartile	1.03 [0.92;1.14]	0.63	1.22 [1.10;1.36]	<0.001
	4th quartile	0.98 [0.88;1.09]	0.71	1.20 [1.08;1.34]	<0.001

Ethnicity	Danish	Ref	Ref	Ref	Ref
	Other	1.27 [1.14;1.40]	<0.001	3.22 [2.85;3.64]	<0.001

eTable 13. Subgroup Analysis of Household Size: 3-4 Members

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.77 [1.57;2.00]	<0.001	12.79 [10.62;15.39]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	2.81 [2.51;3.15]	<0.001	28.68 [23.17;35.49]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.04 [0.94;1.15]	0.4353	1.85 [1.66;2.07]	<0.001
Bus travel	>50	1.36 [1.11;1.68]	0.0038	1.87 [1.49;2.35]	<0.001
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.76 [0.67;0.86]	<0.001	0.91 [0.80;1.05]	0.19
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.83 [0.74;0.92]	<0.001	0.93 [0.83;1.04]	0.23
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.82 [0.63;1.06]	0.12	0.80 [0.62;1.04]	0.093
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	1.03 [0.70;1.52]	0.87	1.56 [1.01;2.41]	0.044
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.20 [1.07;1.35]	0.0015	1.40 [1.23;1.58]	<0.001
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.73 [0.63;0.84]	<0.001	0.87 [0.75;1.02]	0.079
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.29 [1.15;1.45]	<0.001	1.60 [1.41;1.82]	<0.001
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.77 [0.65;0.93]	0.0062	0.93 [0.77;1.13]	0.49
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.55 [0.43;0.69]	<0.001	0.62 [0.49;0.80]	<0.001
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.06 [0.96;1.17]	0.24	1.18 [1.06;1.31]	0.002
	No	Ref	Ref	Ref	Ref
Wearing a mask	Yes	1.38 [1.20;1.59]	<0.001	1.69 [1.45;1.97]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent handwashing	Yes	0.88 [0.50;1.57]	0.67	1.19 [0.68;2.10]	0.54
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	1.06 [0.94;1.20]	0.33	1.22 [1.08;1.39]	0.0021
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	0.72 [0.62;0.82]	<0.001	0.82 [0.71;0.95]	0.0073
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	0.91 [0.80;1.03]	0.12	0.99 [0.87;1.13]	0.89
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.66 [0.58;0.75]	<0.001	0.66 [0.58;0.76]	<0.001
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	0.79 [0.71;0.88]	<0.001	0.90 [0.81;1.01]	0.066
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.76 [0.68;0.86]	<0.001	0.78 [0.69;0.88]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	0.98 [0.89;1.08]	0.74	1.00 [0.91;1.11]	0.96
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	0.76 [0.69;0.83]	<0.001	0.77 [0.70;0.86]	<0.001
	No	Ref	Ref	Ref	Ref
	Yes	0.68 [0.62;0.75]	<0.001	0.56 [0.51;0.62]	<0.001

eTable 13. Subgroup Analysis of Household Size: 3-4 Members (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.85 [0.78;0.94]	<0.001	0.90 [0.81;0.99]	0.031
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.92 [0.84;1.01]	0.078	0.86 [0.78;0.94]	0.0013
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	0.91 [0.82;1.01]	0.091	0.85 [0.76;0.95]	0.0055
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.11 [1.01;1.22]	0.029	1.05 [0.95;1.15]	0.38
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.46 [1.20;1.77]	<0.001	2.06 [1.64;2.57]	<0.001
	Yes, >50	1.76 [1.44;2.16]	<0.001	1.89 [1.52;2.36]	<0.001
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.64 [1.41;1.91]	<0.001	2.08 [1.76;2.47]	<0.001
	Outdoor	1.04 [0.63;1.72]	0.88	1.11 [0.66;1.88]	0.69
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.45 [1.01;2.06]	0.0421	2.56 [1.80;3.66]	<0.001
	Public employee	1.45 [1.07;1.97]	0.0161	3.47 [2.54;4.72]	<0.001
	Private employee	1.23 [0.91;1.67]	0.1828	1.58 [1.16;2.15]	0.0034
	Self employed	1.66 [1.18;2.33]	0.0037	1.81 [1.28;2.55]	<0.001
	Other	1.50 [0.99;2.27]	0.0558	1.36 [0.89;2.06]	0.1532
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.93 [0.72;1.20]	0.5732	1.20 [0.92;1.55]	0.1728
	Own office	1.02 [0.76;1.36]	0.9005	1.70 [1.26;2.29]	<0.001
	Shared office	1.28 [0.99;1.66]	0.062	1.89 [1.44;2.47]	<0.001
	Retail, library or factory worker	1.45 [1.08;1.93]	0.0133	1.61 [1.19;2.17]	0.0019
	Social care or education	1.52 [1.18;1.95]	0.0012	5.41 [4.14;7.08]	<0.001
	Healthcare sector	1.29 [0.98;1.71]	0.0711	6.88 [5.01;9.44]	<0.001
	Transport (e.g. bus/taxi-driver)	1.89 [1.07;3.34]	0.028	3.38 [1.73;6.60]	<0.001
	Outdoors (e.g. gardener)	0.92 [0.61;1.39]	0.6955	1.23 [0.81;1.87]	0.329
	Other	1.31 [0.98;1.75]	0.0674	1.82 [1.35;2.46]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.46 [1.29;1.66]	<0.001	3.30 [2.87;3.80]	<0.001
	Yes, other	1.21 [1.07;1.36]	0.0018	1.44 [1.27;1.64]	<0.001
Education level	Non-employed	1.07 [0.85;1.34]	0.5659	0.78 [0.62;0.98]	0.031
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.04 [0.85;1.26]	0.73	1.15 [0.94;1.40]	0.19
	ISCED 2	1.01 [0.82;1.24]	0.92	1.45 [1.17;1.80]	<0.001
Income	ISCED 3&4	0.84 [0.68;1.04]	0.11	0.99 [0.80;1.23]	0.95
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.77 [0.67;0.90]	<0.001	0.82 [0.70;0.96]	0.0162
	3rd quartile	0.76 [0.66;0.88]	<0.001	0.80 [0.69;0.94]	0.0058
Ethnicity	4th quartile	0.76 [0.65;0.88]	<0.001	0.74 [0.63;0.87]	<0.001
	Danish	Ref	Ref	Ref	Ref
	Other	1.25 [1.10;1.43]	<0.001	2.42 [2.06;2.85]	<0.001

eTable 14. Subgroup Analysis of Household Size: >5 Members

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.87 [1.31;2.65]	<0.001	16.24 [8.45; 31.22]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	3.12 [2.22;4.38]	<0.001	45.34 [20.37;100.93]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	0.99 [0.73;1.35]	0.95	1.60 [1.13;2.25]	0.0074
Bus travel	>50	0.89 [0.49;1.62]	0.7	1.24 [0.63;2.45]	0.5343
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.72 [0.50;1.03]	0.073	1.29 [0.85;1.95]	0.23
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.66 [0.49;0.90]	0.008	0.98 [0.70;1.39]	0.93
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.41 [0.15;1.17]	0.095	0.23 [0.051;1.07]	0.062
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.57 [0.17;1.89]	0.36	2.39 [0.37;15.23]	0.36
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.11 [0.80;1.54]	0.52	1.29 [0.87;1.90]	0.2
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.61 [0.41;0.91]	0.015	0.79 [0.51;1.21]	0.28
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.14 [0.81;1.61]	0.46	1.43 [0.98;2.09]	0.067
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.67 [0.40;1.10]	0.11	0.75 [0.44;1.29]	0.3
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.38 [0.21;0.70]	0.0019	0.33 [0.15;0.72]	0.0056
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.00 [0.75;1.34]	0.99	1.23 [0.91;1.67]	0.18
	No	Ref	Ref	Ref	Ref
Wearing a mask	Yes	0.95 [0.63;1.42]	0.79	1.42 [0.88;2.29]	0.15
	No	Ref	Ref	Ref	Ref
Frequent handwashing	Yes	0.72 [0.11;4.87]	0.74	1.77 [0.31;10.18]	0.52
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	0.84 [0.63;1.12]	0.24	1.05 [0.74;1.48]	0.8
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	0.50 [0.36;0.71]	<0.001	0.66 [0.44;0.98]	0.04
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	0.81 [0.60;1.10]	0.17	1.06 [0.74;1.51]	0.76
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.50 [0.36;0.69]	<0.001	0.55 [0.38;0.80]	0.0018
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	0.62 [0.47;0.83]	<0.001	0.85 [0.62;1.16]	0.3
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.57 [0.42;0.78]	<0.001	0.65 [0.46;0.92]	0.016
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	0.90 [0.70;1.15]	0.41	1.00 [0.74;1.34]	0.98
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	0.63 [0.49;0.83]	<0.001	0.58 [0.43;0.79]	<0.001
	No	Ref	Ref	Ref	Ref
	Yes	0.70 [0.54;0.90]	0.0055	0.50 [0.37;0.67]	<0.001

eTable 14. Subgroup Analysis of Household Size: >5 Members (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.72 [0.56;0.92]	0.008	0.85 [0.64;1.13]	0.26
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.84 [0.66;1.09]	0.19	0.70 [0.52;0.93]	0.014
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	0.76 [0.58;1.00]	0.053	0.75 [0.54;1.03]	0.073
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.02 [0.78;1.32]	0.9	1.28 [0.94;1.75]	0.12
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.11 [0.63;1.94]	0.72	2.05 [1.05;4.01]	0.035
	Yes, >50	0.89 [0.49;1.62]	0.71	1.78 [0.85;3.72]	0.125
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	0.94 [0.61; 1.46]	0.79	2.30 [1.29;4.09]	0.0047
	Outdoor	2.28 [0.49;10.60]	0.29	0.63 [0.15;2.66]	0.5258
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	0.24 [0.086;0.69]	0.0077	1.98 [0.72;5.44]	0.186
	Public employee	0.27 [0.106;0.69]	0.006	2.55 [1.08;5.99]	0.032
	Private employee	0.29 [0.113;0.74]	0.0098	1.15 [0.49;2.68]	0.751
	Self employed	0.31 [0.107;0.88]	0.0274	1.05 [0.39;2.82]	0.929
	Other	0.15 [0.034;0.61]	0.0088	1.06 [0.25;4.55]	0.936
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.38 [0.18;0.77]	0.0079	1.23 [0.55; 2.76]	0.621
	Own office	0.73 [0.33;1.62]	0.4331	2.80 [1.16; 6.78]	0.022
	Shared office	0.69 [0.33;1.44]	0.3185	1.86 [0.82; 4.24]	0.137
	Retail, library or factory worker	0.70 [0.30;1.62]	0.4062	1.35 [0.53; 3.45]	0.526
	Social care or education	0.74 [0.37;1.48]	0.3953	4.70 [2.09;10.58]	<0.001
	Healthcare sector	0.40 [0.18;0.86]	0.0198	5.52 [2.16;14.10]	<0.001
	Transport (e.g. bus/taxi-driver)	0.79 [0.18;3.37]	0.7495	4.83 [0.71;32.98]	0.108
	Outdoors (e.g. gardener)	1.27 [0.39;4.17]	0.6932	5.25 [1.25;22.07]	0.024
Contact to people at work	Other	0.58 [0.25;1.33]	0.1986	2.36 [0.95; 5.86]	0.066
	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.49 [1.03;2.14]	0.032	3.22 [2.12;4.88]	<0.001
	Yes, other	1.21 [0.85;1.72]	0.288	1.27 [0.86;1.88]	0.23
Education level	Non-employed	1.80 [0.94;3.43]	0.075	0.72 [0.36;1.45]	0.36
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	0.70 [0.40;1.22]	0.208	0.63 [0.31;1.27]	0.2
	ISCED 2	0.53 [0.30;0.93]	0.028	0.77 [0.38;1.55]	0.466
	ISCED 3&4	0.51 [0.29;0.90]	0.021	0.43 [0.21;0.87]	0.018
Income	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.64 [0.45;0.93]	0.0185	0.82 [0.55;1.23]	0.33
	3rd quartile	0.63 [0.44;0.90]	0.011	0.71 [0.47;1.07]	0.1
	4th quartile	0.48 [0.31;0.75]	0.0011	0.39 [0.24;0.63]	<0.001
Ethnicity	Danish	Ref	Ref	Ref	Ref
	Other	2.04 [1.49;2.81]	<0.001	3.06 [2.03;4.62]	<0.001

eTable 15. Subgroup Analysis of Ethnicity (Danish)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.87 [1.74;2.00]	<0.001	14.41 [12.99;15.99]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	3.11 [2.91;3.33]	<0.001	35.48 [31.49;39.99]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.09 [1.03;1.16]	0.0041	1.91 [1.80;2.04]	<0.001
Bus travel	>50	1.21 [1.07;1.38]	0.0026	1.75 [1.53;2.00]	<0.001
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.82 [0.77;0.88]	<0.001	0.86 [0.80;0.92]	<0.001
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.87 [0.82;0.93]	<0.001	0.99 [0.93;1.05]	0.74
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.79 [0.69;0.91]	<0.001	0.85 [0.73;0.98]	0.023
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.74 [0.59;0.93]	0.0083	1.17 [0.92;1.48]	0.2
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.20 [1.12;1.28]	<0.001	1.59 [1.49;1.71]	<0.001
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.79 [0.72;0.86]	<0.001	0.99 [0.91;1.09]	0.85
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.29 [1.20;1.38]	<0.001	1.61 [1.50;1.73]	<0.001
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.91 [0.82;1.01]	0.089	1.11 [0.99;1.24]	0.065
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.63 [0.55;0.73]	<0.001	0.79 [0.68;0.91]	0.0016
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.08 [1.02;1.15]	0.0076	1.43 [1.34;1.51]	<0.001
	No	Ref	Ref	Ref	Ref
Wearing a mask	Yes	1.28 [1.19;1.38]	<0.001	1.65 [1.52;1.78]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent handwashing	Yes	1.31 [0.88;1.94]	0.18	2.23 [1.51;3.30]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	1.23 [1.14;1.33]	<0.001	1.49 [1.37;1.61]	<0.001
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	0.86 [0.79;0.93]	<0.001	1.15 [1.05;1.26]	0.002
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	1.10 [1.02;1.19]	0.011	1.39 [1.28;1.50]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.81 [0.75;0.87]	<0.001	0.87 [0.81;0.95]	0.0012
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	0.95 [0.89;1.01]	0.088	1.03 [0.96;1.10]	0.4
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.87 [0.81;0.94]	<0.001	0.93 [0.86;1.00]	0.064
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	1.08 [1.02;1.14]	0.0098	1.08 [1.02;1.15]	0.0067
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	0.90 [0.85;0.95]	<0.001	0.92 [0.87;0.98]	0.0076
	No	Ref	Ref	Ref	Ref
	Yes	0.79 [0.75;0.83]	<0.001	0.73 [0.69;0.77]	<0.001
	No	Ref	Ref	Ref	Ref

eTable 15. Subgroup Analysis of Ethnicity (Danish) (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.93 [0.88;0.98]	0.0078	0.93 [0.88;0.99]	0.015
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.90 [0.86;0.95]	<0.001	0.82 [0.78;0.87]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.03 [0.97;1.10]	0.28	0.99 [0.92;1.05]	0.67
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.10 [1.04;1.16]	<0.001	1.08 [1.02;1.14]	0.01
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.54 [1.38;1.73]	<0.001	2.22 [1.96;2.51]	<0.001
	Yes, >50	1.74 [1.55;1.95]	<0.001	2.23 [1.97;2.52]	<0.001
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.66 [1.52;1.81]	<0.001	2.36 [2.15;2.59]	<0.001
	Outdoor	1.35 [1.03;1.77]	0.031	1.32 [1.00;1.74]	0.05
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.24 [1.06;1.45]	0.0079	2.98 [2.54;3.50]	<0.001
	Public employee	1.39 [1.22;1.59]	<0.001	4.77 [4.18;5.44]	<0.001
	Private employee	1.31 [1.15;1.50]	<0.001	2.27 [1.99;2.58]	<0.001
	Self employed	1.43 [1.22;1.68]	<0.001	2.22 [1.89;2.60]	<0.001
	Other	0.97 [0.81;1.17]	0.7688	1.32 [1.10;1.59]	0.0032
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.99 [0.88;1.13]	0.923	1.55 [1.37; 1.76]	<0.001
	Own office	1.31 [1.13;1.52]	<0.001	2.42 [2.09; 2.82]	<0.001
	Shared office	1.45 [1.27;1.65]	<0.001	2.45 [2.15; 2.79]	<0.001
	Retail, library or factory worker	1.48 [1.26;1.72]	<0.001	1.80 [1.54; 2.10]	<0.001
	Social care or education	1.61 [1.42;1.83]	<0.001	6.88 [6.01; 7.87]	<0.001
	Healthcare sector	1.27 [1.10;1.46]	<0.001	8.75 [7.45;10.28]	<0.001
	Transport (e.g. bus/taxi-driver)	0.83 [0.55;1.27]	0.397	1.18 [0.76; 1.83]	0.47
	Outdoors (e.g. gardener)	1.26 [1.02;1.56]	0.032	1.47 [1.19; 1.82]	<0.001
	Other	1.32 [1.13;1.52]	<0.001	2.00 [1.73; 2.32]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.24 [1.15;1.33]	<0.001	3.05 [2.81;3.31]	<0.001
	Yes, other	1.11 [1.04;1.20]	0.0026	1.33 [1.23;1.43]	<0.001
Household size	Non-employed	0.85 [0.75;0.95]	0.0039	0.58 [0.51;0.64]	<0.001
	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.97 [0.90;1.03]	0.33	1.31 [1.22;1.40]	<0.001
Education level	>5 persons	1.08 [0.96;1.22]	0.21	1.77 [1.56;2.02]	<0.001
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.05 [0.95;1.17]	0.322	1.35 [1.22;1.50]	<0.001
	ISCED 2	1.13 [1.01;1.26]	0.029	1.81 [1.62;2.02]	<0.001
Income	ISCED 3&4	0.94 [0.83;1.05]	0.285	1.31 [1.17;1.48]	<0.001
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.95 [0.88;1.03]	0.23	1.16 [1.07;1.26]	<0.001
	3rd quartile	1.01 [0.93;1.10]	0.75	1.28 [1.18;1.39]	<0.001
	4th quartile	1.00 [0.91;1.09]	0.94	1.20 [1.10;1.31]	<0.001

eTable 16. Subgroup Analysis of Ethnicity (Other)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.07 [0.83;1.38]	0.59	7.72 [4.52;13.18]	<0.001
	Close (<2 meter, >30 min.)	2.21 [1.77;2.76]	<0.001	12.87 [7.72;21.45]	<0.001
Daily contacts	<10	Ref	Ref	Ref	Ref
	10 to 50	0.86 [0.70;1.06]	0.164	1.20 [0.89;1.61]	0.22
	>50	1.47 [1.01;2.16]	0.047	2.81 [1.57;5.05]	<0.001
Bus travel	No	Ref	Ref	Ref	Ref
	Yes	0.81 [0.65;0.99]	0.041	0.65 [0.49;0.86]	0.0026
Train travel	No	Ref	Ref	Ref	Ref
	Yes	0.75 [0.62;0.91]	0.0037	0.79 [0.61;1.04]	0.096
Ferry travel	No	Ref	Ref	Ref	Ref
	Yes	0.90 [0.50;1.61]	0.73	1.68 [0.64;4.41]	0.3
Airplane travel	No	Ref	Ref	Ref	Ref
	Yes	0.52 [0.32;0.85]	0.0086	1.96 [0.81;4.70]	0.13
Indoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.86 [0.67;1.12]	0.27	1.38 [0.96;2.00]	0.086
Outdoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.51 [0.36;0.72]	<0.001	0.83 [0.50;1.37]	0.46
Visiting a gym	No	Ref	Ref	Ref	Ref
	Yes	1.34 [1.07;1.69]	0.011	1.22 [0.89;1.66]	0.21
Use of public swimming pool or sauna	No	Ref	Ref	Ref	Ref
	Yes	0.80 [0.54;1.16]	0.24	1.16 [0.66;2.02]	0.61
Grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.27 [0.19;0.39]	<0.001	0.33 [0.21;0.54]	<0.001
Restaurants/cafés	No	Ref	Ref	Ref	Ref
	Yes	1.09 [0.89;1.32]	0.4	1.26 [0.97;1.65]	0.089
Bar	No	Ref	Ref	Ref	Ref
	Yes	1.41 [1.11;1.80]	0.0048	2.99 [2.03;4.40]	<0.001
Wearing a mask	No	Ref	Ref	Ref	Ref
	Yes	0.75 [0.36;1.54]	0.43	1.18 [0.44;3.21]	0.74
Frequent handwashing	No	Ref	Ref	Ref	Ref
	Yes	0.70 [0.58;0.85]	<0.001	0.81 [0.62;1.05]	0.1
Frequent hand sanitizer use	No	Ref	Ref	Ref	Ref
	Yes	0.65 [0.54;0.80]	<0.001	0.73 [0.55;0.95]	0.02
Sneezing in elbow	No	Ref	Ref	Ref	Ref
	Yes	0.76 [0.63;0.91]	0.0024	1.05 [0.82;1.34]	0.7
Avoiding handshakes	No	Ref	Ref	Ref	Ref
	Yes	0.64 [0.53;0.77]	<0.001	0.55 [0.42;0.72]	<0.001
Avoiding hugs	No	Ref	Ref	Ref	Ref
	Yes	0.73 [0.62;0.87]	<0.001	0.72 [0.57;0.92]	0.0078
Physical distancing	No	Ref	Ref	Ref	Ref
	Yes	0.64 [0.53;0.76]	<0.001	0.56 [0.43;0.72]	<0.001
Limiting public transport	No	Ref	Ref	Ref	Ref
	Yes	0.76 [0.64;0.89]	<0.001	0.70 [0.56;0.87]	0.0017
Avoiding social events	No	Ref	Ref	Ref	Ref
	Yes	0.71 [0.60;0.83]	<0.001	0.69 [0.55;0.87]	0.0019
Staying more at home	No	Ref	Ref	Ref	Ref
	Yes	0.59 [0.50;0.70]	<0.001	0.58 [0.46;0.73]	<0.001

eTable 16. Subgroup Analysis of Ethnicity (Other) (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.78 [0.66;0.92]	0.0029	0.87 [0.70;1.09]	0.24
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.86 [0.73;1.01]	0.061	0.77 [0.62;0.96]	0.019
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	0.83 [0.71;0.98]	0.03	0.64 [0.51;0.81]	<0.001
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.99 [0.83;1.18]	0.92	0.89 [0.71;1.12]	0.33
Attending large event	No	Ref	Ref	Ref	Ref
	Yes, >30	1.06 [0.71;1.60]	0.773	1.46 [0.80;2.67]	0.213
	Yes, >50	1.46 [0.95;2.23]	0.085	1.85 [0.92;3.73]	0.087
Indoor/outdoor event	No	Ref	Ref	Ref	Ref
	Indoor	1.43 [1.047;1.95]	0.024	1.77 [1.092;2.87]	0.021
	Outdoor	0.20 [0.047;0.88]	0.033	0.57 [0.061;5.44]	0.629
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	0.69 [0.43;1.12]	0.14	1.46 [0.81;2.63]	0.211
	Public employee	0.95 [0.63;1.42]	0.79	2.87 [1.78;4.63]	<0.001
	Private employee	0.76 [0.51;1.13]	0.17	2.23 [1.40;3.53]	<0.001
	Self employed	1.01 [0.61;1.69]	0.97	2.11 [1.11;3.99]	0.023
	Other	0.88 [0.50;1.54]	0.66	1.09 [0.58;2.05]	0.798
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.55 [0.38;0.81]	0.0023	1.21 [0.76; 1.90]	0.4222
	Own office	0.84 [0.52;1.36]	0.4736	2.12 [1.10; 4.09]	0.0245
	Shared office	0.77 [0.51;1.15]	0.1978	2.59 [1.52; 4.41]	<0.001
	Retail, library or factory worker	1.32 [0.82;2.12]	0.2471	2.35 [1.34; 4.13]	0.0029
	Social care or education	1.02 [0.68;1.53]	0.9096	5.79 [3.30;10.18]	<0.001
	Healthcare sector	0.89 [0.58;1.37]	0.5977	4.83 [2.61; 8.96]	<0.001
	Transport (e.g. bus/taxi-driver)	1.53 [0.77;3.02]	0.2254	2.45 [1.02; 5.86]	0.0439
	Outdoors (e.g. gardener)	0.60 [0.22;1.65]	0.3254	2.15 [0.40;11.70]	0.3754
	Other	0.78 [0.50;1.22]	0.2702	1.40 [0.81; 2.41]	0.227
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.43 [1.13;1.80]	0.0025	2.18 [1.56;3.04]	<0.001
	Yes, other	1.09 [0.86;1.38]	0.4693	1.08 [0.78;1.50]	0.645
Household size	Non-employed	1.27 [0.90;1.79]	0.1725	0.59 [0.39;0.89]	0.011
	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.79 [0.64;0.97]	0.026	0.96 [0.74;1.25]	0.78
Education level	>5 persons	1.37 [1.00;1.87]	0.048	1.17 [0.79;1.73]	0.43
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	0.93 [0.68;1.28]	0.6686	0.72 [0.49;1.06]	0.1
	ISCED 2	0.77 [0.56;1.07]	0.1245	0.93 [0.61;1.41]	0.73
Income	ISCED 3&4	0.59 [0.42;0.83]	0.0022	0.98 [0.64;1.48]	0.91
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.74 [0.59;0.91]	0.0053	0.83 [0.63;1.11]	0.205
	3rd quartile	0.62 [0.48;0.79]	<0.001	0.90 [0.65;1.26]	0.55
	4th quartile	0.53 [0.40;0.70]	<0.001	0.69 [0.47;1.03]	0.068

eTable 17. Cases infected in the household compared to NC

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Questions	Options
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	0.48 [0.36; 0.62]	<0.001	3.44 [2.55; 4.65]	<0.001
	Close (<2 meter, >30 min.)	13.92 [12.39;15.64]	<0.001	143.44 [119.59;172.03]	<0.001
Daily contacts	<10	Ref	Ref	Ref	Ref
	10 to 50	0.66 [0.59;0.73]	<0.001	1.22 [1.09;1.37]	<0.001
	>50	0.70 [0.55;0.90]	0.0047	1.09 [0.85;1.40]	0.49
Bus travel	No	Ref	Ref	Ref	Ref
	Yes	0.64 [0.56;0.72]	<0.001	0.67 [0.59;0.76]	<0.001
Train travel	No	Ref	Ref	Ref	Ref
	Yes	0.54 [0.48;0.60]	<0.001	0.62 [0.56;0.69]	<0.001
Ferry travel	No	Ref	Ref	Ref	Ref
	Yes	0.53 [0.39;0.71]	<0.001	0.61 [0.46;0.82]	0.0011
Airplane travel	No	Ref	Ref	Ref	Ref
	Yes	0.42 [0.27;0.66]	<0.001	0.83 [0.53;1.31]	0.42
Indoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.90 [0.80;1.02]	0.097	1.15 [1.01;1.31]	0.033
Outdoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.80 [0.68;0.92]	0.0028	0.99 [0.85;1.15]	0.87
Visiting a gym	No	Ref	Ref	Ref	Ref
	Yes	1.05 [0.94;1.19]	0.39	1.25 [1.11;1.41]	<0.001
Use of public swimming pool or sauna	No	Ref	Ref	Ref	Ref
	Yes	0.77 [0.63;0.93]	0.0075	0.95 [0.78;1.15]	0.59
Grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.40 [0.32;0.49]	<0.001	0.45 [0.36;0.56]	<0.001
Restaurants/cafés	No	Ref	Ref	Ref	Ref
	Yes	0.79 [0.71;0.87]	<0.001	1.03 [0.93;1.14]	0.57
Bar	No	Ref	Ref	Ref	Ref
	Yes	0.75 [0.65;0.87]	<0.001	0.95 [0.82;1.11]	0.51
Wearing a mask	No	Ref	Ref	Ref	Ref
	Yes	1.33 [0.69;2.56]	0.39	1.91 [1.02;3.58]	0.043
Frequent handwashing	No	Ref	Ref	Ref	Ref
	Yes	1.85 [1.58;2.16]	<0.001	2.22 [1.89;2.60]	<0.001
Frequent hand sanitizer use	No	Ref	Ref	Ref	Ref
	Yes	1.48 [1.23;1.77]	<0.001	1.80 [1.51;2.16]	<0.001
Sneezing in elbow	No	Ref	Ref	Ref	Ref
	Yes	1.70 [1.45;1.98]	<0.001	2.01 [1.72;2.36]	<0.001
Avoiding handshakes	No	Ref	Ref	Ref	Ref
	Yes	1.35 [1.15;1.58]	<0.001	1.33 [1.13;1.57]	<0.001
Avoiding hugs	No	Ref	Ref	Ref	Ref
	Yes	1.44 [1.28;1.63]	<0.001	1.48 [1.31;1.68]	<0.001
Physical distancing	No	Ref	Ref	Ref	Ref
	Yes	1.45 [1.24;1.68]	<0.001	1.43 [1.22;1.66]	<0.001
Limiting public transport	No	Ref	Ref	Ref	Ref
	Yes	1.39 [1.26;1.55]	<0.001	1.36 [1.22;1.51]	<0.001
Avoiding social events	No	Ref	Ref	Ref	Ref
	Yes	1.22 [1.09;1.36]	<0.001	1.19 [1.07;1.33]	0.0018
Staying more at home	No	Ref	Ref	Ref	Ref
	Yes	1.20 [1.09;1.32]	<0.001	1.03 [0.94;1.14]	0.51

eTable 17. Cases infected in the household compared to NC (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	1.09 [0.99;1.21]	0.08	1.11 [1.00;1.23]	0.043
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	1.07 [0.98;1.17]	0.15	0.95 [0.87;1.04]	0.29
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.35 [1.20;1.52]	<0.001	1.26 [1.12;1.42]	<0.001
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.35 [1.23;1.48]	<0.001	1.33 [1.21;1.46]	<0.001
Attending large events	No	Ref	Ref	Ref	Ref
	Yes, >30	0.85 [0.68;1.07]	0.1592	1.40 [1.10;1.77]	0.0057
	Yes, >50	0.64 [0.49;0.85]	0.0016	0.79 [0.60;1.05]	0.1099
Indoor/outdoor events	No	Ref	Ref	Ref	Ref
	Indoor	0.79 [0.65;0.94]	0.0096	1.17 [0.97;1.42]	0.104
	Outdoor	0.34 [0.15;0.77]	0.0101	0.35 [0.15;0.80]	0.013
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	0.89 [0.68;1.17]	0.4174	2.05 [1.57;2.68]	<0.001
	Public employee	0.71 [0.57;0.88]	0.0016	2.45 [1.99;3.03]	<0.001
	Private employee	0.87 [0.70;1.07]	0.1811	1.48 [1.21;1.82]	<0.001
	Self-employed	0.87 [0.67;1.13]	0.3039	1.44 [1.11;1.86]	0.0054
	Other	0.83 [0.61;1.15]	0.2662	1.05 [0.76;1.45]	0.7506
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.90 [0.74;1.10]	0.31	1.44 [1.18;1.76]	<0.001
	Own office	0.89 [0.70;1.13]	0.337	1.72 [1.35;2.20]	<0.001
	Shared office	0.93 [0.75;1.15]	0.485	1.69 [1.37;2.08]	<0.001
	Retail, library or factory worker	0.76 [0.57;1.00]	0.049	0.99 [0.75;1.31]	0.97
	Social care or education	0.69 [0.55;0.86]	<0.001	3.16 [2.53;3.96]	<0.001
	Healthcare sector	0.63 [0.50;0.81]	<0.001	4.48 [3.47;5.80]	<0.001
	Transport (e.g. bus/taxi-driver)	0.83 [0.47;1.47]	0.52	1.19 [0.66;2.17]	0.562
	Outdoors (e.g. gardener)	0.63 [0.41;0.95]	0.026	0.80 [0.53;1.21]	0.289
	Other	0.86 [0.66;1.11]	0.24	1.28 [0.99;1.64]	0.061
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	0.67 [0.59;0.77]	<0.001	1.79 [1.56;2.06]	<0.001
	Yes, other	0.87 [0.77;0.97]	0.014	1.05 [0.93;1.18]	0.43
	Non-employed	1.09 [0.91;1.31]	0.364	0.71 [0.59;0.85]	<0.001
Household size	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	1.85 [1.64;2.08]	<0.001	2.47 [2.20;2.78]	<0.001
	>5 persons	2.90 [2.43;3.47]	<0.001	4.55 [3.78;5.48]	<0.001
Education level	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.01 [0.83;1.23]	0.91	1.28 [1.05;1.55]	0.013
	ISCED 2	1.09 [0.89;1.32]	0.41	1.72 [1.41;2.10]	<0.001
	ISCED 3&4	1.09 [0.89;1.33]	0.42	1.53 [1.24;1.88]	<0.001
Income	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	1.02 [0.88;1.18]	0.7838	1.21 [1.04;1.40]	0.011
	3rd quartile	1.10 [0.95;1.28]	0.2048	1.38 [1.19;1.61]	<0.001
	4th quartile	1.25 [1.07;1.46]	0.0046	1.45 [1.25;1.69]	<0.001
Ethnicity	Danish	Ref	Ref	Ref	Ref
	Other	1.29 [1.13;1.48]	<0.001	2.87 [2.48;3.33]	<0.001

eTable 18. Main analysis adjusted for wearing a mask

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	Options
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.78 [1.66;1.90]	<0.001	14.07 [12.70;15.59]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	2.99 [2.81;3.19]	<0.001	34.38 [30.55;38.68]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.06 [1.00;1.12]	0.046	1.84 [1.73;1.96]	<0.001
Bus travel	>50	1.25 [1.11;1.40]	<0.001	1.81 [1.60;2.05]	<0.001
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.83 [0.78;0.88]	<0.001	0.86 [0.81;0.92]	<0.001
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.86 [0.81;0.91]	<0.001	0.97 [0.92;1.03]	0.37
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.78 [0.68;0.89]	<0.001	0.85 [0.74;0.97]	0.018
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.70 [0.58;0.85]	<0.001	1.28 [1.03;1.59]	0.028
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.16 [1.09;1.23]	<0.001	1.55 [1.44;1.65]	<0.001
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.76 [0.70;0.82]	<0.001	0.96 [0.88;1.05]	0.4
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.27 [1.19;1.35]	<0.001	1.55 [1.45;1.66]	<0.001
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.88 [0.80;0.98]	0.016	1.08 [0.97;1.20]	0.18
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.52 [0.46;0.59]	<0.001	0.62 [0.54;0.70]	<0.001
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.07 [1.02;1.13]	0.012	1.39 [1.31;1.47]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent handwashing	Yes	1.29 [1.20;1.39]	<0.001	1.67 [1.54;1.80]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	1.86 [1.68;2.07]	<0.001	2.59 [2.33;2.88]	<0.001
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	1.32 [1.14;1.54]	<0.001	2.57 [2.20;2.99]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	1.55 [1.40;1.71]	<0.001	2.25 [2.03;2.50]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.91 [0.82;1.00]	0.061	1.12 [1.01;1.24]	0.038
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	1.05 [0.98;1.13]	0.17	1.21 [1.13;1.30]	<0.001
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.99 [0.90;1.09]	0.87	1.18 [1.07;1.29]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	1.14 [1.08;1.21]	<0.001	1.18 [1.11;1.26]	<0.001
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	0.94 [0.88;1.00]	0.034	0.98 [0.92;1.04]	0.56
	No	Ref	Ref	Ref	Ref
	Yes	0.78 [0.74;0.83]	<0.001	0.71 [0.67;0.75]	<0.001

eTable 18. Main analysis adjusted for wearing a mask (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.99 [0.93;1.04]	0.61	1.04 [0.98;1.10]	0.24
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.96 [0.91;1.01]	0.13	0.88 [0.84;0.93]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.14 [1.07;1.22]	<0.001	1.09 [1.02;1.17]	0.015
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.14 [1.08;1.20]	<0.001	1.12 [1.06;1.19]	<0.001
Attending large events	No	Ref	Ref	Ref	Ref
	Yes, >30	1.49 [1.34;1.66]	<0.001	2.24 [1.99;2.52]	<0.001
	Yes, >50	1.72 [1.55;1.92]	<0.001	2.23 [1.98;2.51]	<0.001
Indoor/outdoor events	No	Ref	Ref	Ref	Ref
	Indoor	1.63 [1.51;1.77]	<0.001	2.38 [2.17;2.61]	<0.001
	Outdoor	1.26 [0.97;1.63]	0.086	1.30 [0.99;1.70]	0.055
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.20 [1.03;1.39]	0.016	2.77 [2.38;3.21]	<0.001
	Public employee	1.33 [1.18;1.50]	<0.001	4.37 [3.86;4.93]	<0.001
	Private employee	1.23 [1.09;1.39]	<0.001	2.12 [1.88;2.39]	<0.001
	Self-employed	1.35 [1.17;1.57]	<0.001	2.10 [1.81;2.43]	<0.001
	Other	1.02 [0.86;1.21]	0.818	1.35 [1.14;1.60]	<0.001
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.93 [0.83;1.05]	0.2466	1.42 [1.27;1.60]	<0.001
	Own office	1.24 [1.08;1.43]	0.0018	2.19 [1.90;2.52]	<0.001
	Shared office	1.35 [1.20;1.53]	<0.001	2.25 [2.00;2.54]	<0.001
	Retail, library or factory worker	1.45 [1.26;1.67]	<0.001	1.81 [1.57;2.09]	<0.001
	Social care or education	1.51 [1.35;1.70]	<0.001	6.35 [5.60;7.20]	<0.001
	Healthcare sector	1.23 [1.08;1.41]	0.0016	7.96 [6.86;9.25]	<0.001
	Transport (e.g. bus/taxi-driver)	1.32 [0.97;1.81]	0.0751	1.99 [1.44;2.76]	<0.001
	Outdoors (e.g. gardener)	1.18 [0.96;1.44]	0.1161	1.30 [1.06;1.60]	0.012
	Other	1.26 [1.10;1.45]	<0.001	1.92 [1.68;2.20]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.25 [1.16;1.34]	<0.001	3.08 [2.85;3.34]	<0.001
	Yes, other	1.11 [1.04;1.19]	0.0015	1.31 [1.22;1.40]	<0.001
Household size	Non-employed	0.90 [0.81;0.99]	0.0387	0.61 [0.55;0.68]	<0.001
	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.93 [0.87;1.00]	0.042	1.25 [1.17;1.34]	<0.001
Education level	>5 persons	1.09 [0.97;1.23]	0.160	1.76 [1.55;1.99]	<0.001
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.06 [0.96;1.18]	0.25	1.39 [1.25;1.55]	<0.001
	ISCED 2	1.13 [1.01;1.25]	0.03	1.84 [1.65;2.05]	<0.001
Income	ISCED 3&4	0.94 [0.84;1.06]	0.32	1.37 [1.22;1.54]	<0.001
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.91 [0.84;0.98]	0.013	1.07 [0.99;1.16]	0.10
	3rd quartile	0.94 [0.87;1.02]	0.149	1.15 [1.06;1.25]	<0.001
Ethnicity	4th quartile	0.93 [0.86;1.02]	0.107	1.05 [0.96;1.14]	0.26
	Danish	Ref	Ref	Ref	Ref
	Other	1.23 [1.13;1.33]	<0.001	2.76 [2.51;3.04]	<0.001

eTable 19. Main analysis adjusted for handwashing

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	Options
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.73 [1.61;1.85]	<0.001	13.30 [11.99;14.74]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	2.93 [2.75;3.12]	<0.001	33.03 [29.32;37.22]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.06 [1.00;1.12]	0.057	1.87 [1.75;1.98]	<0.001
Bus travel	>50	1.24 [1.10;1.40]	<0.001	1.80 [1.58;2.05]	<0.001
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.83 [0.78;0.88]	<0.001	0.87 [0.81;0.93]	<0.001
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.85 [0.80;0.90]	<0.001	0.97 [0.91;1.03]	0.31
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.77 [0.67;0.88]	<0.001	0.85 [0.74;0.98]	0.024
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.67 [0.55;0.83]	<0.001	1.26 [1.00;1.58]	0.05
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.16 [1.09;1.24]	<0.001	1.56 [1.45;1.67]	<0.001
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.76 [0.70;0.83]	<0.001	0.97 [0.88;1.05]	0.43
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.28 [1.20;1.37]	<0.001	1.59 [1.49;1.70]	<0.001
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.88 [0.79;0.97]	0.013	1.10 [0.98;1.22]	0.095
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.53 [0.46;0.60]	<0.001	0.63 [0.55;0.72]	<0.001
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.08 [1.02;1.14]	0.005	1.41 [1.33;1.49]	<0.001
	No	Ref	Ref	Ref	Ref
Wearing a mask	Yes	1.32 [1.23;1.42]	<0.001	1.70 [1.57;1.84]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	1.01 [0.72;1.43]	0.93	1.31 [0.94;1.83]	0.12
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	0.71 [0.64;0.79]	<0.001	0.93 [0.84;1.03]	0.17
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	1.04 [0.95;1.13]	0.42	1.26 [1.15;1.37]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.67 [0.62;0.74]	<0.001	0.67 [0.62;0.74]	<0.001
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	0.89 [0.83;0.95]	<0.001	0.93 [0.87;1.00]	0.051
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.76 [0.70;0.82]	<0.001	0.76 [0.70;0.83]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	1.04 [0.98;1.10]	0.22	0.99 [0.94;1.05]	0.82
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	0.84 [0.80;0.89]	<0.001	0.82 [0.77;0.87]	<0.001
	No	Ref	Ref	Ref	Ref
	Yes	0.74 [0.70;0.78]	<0.001	0.65 [0.62;0.69]	<0.001

eTable 19. Main analysis adjusted for handwashing (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.89 [0.84;0.94]	<0.001	0.88 [0.83;0.93]	<0.001
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.90 [0.85;0.94]	<0.001	0.78 [0.74;0.82]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	0.99 [0.93;1.05]	0.69	0.87 [0.81;0.93]	<0.001
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.08 [1.03;1.14]	0.004	1.02 [0.97;1.08]	0.43
Attending large events	No	Ref	Ref	Ref	Ref
	Yes, >30	1.48 [1.33;1.65]	<0.001	2.20 [1.95;2.49]	<0.001
	Yes, >50	1.69 [1.51;1.88]	<0.001	2.22 [1.96;2.51]	<0.001
Indoor/outdoor events	No	Ref	Ref	Ref	Ref
	Indoor	1.61 [1.48;1.75]	<0.001	2.35 [2.14;2.58]	<0.001
	Outdoor	1.24 [0.95;1.61]	0.12	1.28 [0.98;1.69]	0.074
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.19 [1.02;1.38]	0.025	2.77 [2.38;3.23]	<0.001
	Public employee	1.33 [1.18;1.50]	<0.001	4.35 [3.84;4.92]	<0.001
	Private employee	1.23 [1.09;1.39]	<0.001	2.11 [1.86;2.38]	<0.001
	Self-employed	1.36 [1.17;1.58]	<0.001	2.14 [1.84;2.49]	<0.001
Type of occupation	Other	1.04 [0.87;1.24]	0.669	1.35 [1.14;1.61]	<0.001
	Non-employed	Ref	Ref	Ref	Ref
	At home	0.94 [0.84;1.06]	0.3155	1.42 [1.26;1.60]	<0.001
	Own office	1.23 [1.07;1.41]	0.0039	2.27 [1.96;2.62]	<0.001
	Shared office	1.35 [1.19;1.52]	<0.001	2.25 [1.99;2.55]	<0.001
	Retail, library or factory worker	1.47 [1.27;1.70]	<0.001	1.79 [1.55;2.07]	<0.001
	Social care or education	1.49 [1.32;1.68]	<0.001	6.34 [5.58;7.21]	<0.001
	Healthcare sector	1.25 [1.09;1.43]	0.0010	8.04 [6.89;9.37]	<0.001
	Transport (e.g. bus/taxi-driver)	1.38 [1.01;1.89]	0.0450	2.01 [1.44;2.80]	<0.001
	Outdoors (e.g. gardener)	1.20 [0.97;1.47]	0.0932	1.40 [1.14;1.73]	0.0016
Contact to people at work	Other	1.28 [1.12;1.47]	<0.001	1.87 [1.63;2.15]	<0.001
	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.26 [1.17;1.35]	<0.001	3.11 [2.87;3.37]	<0.001
	Yes, other	1.12 [1.05;1.20]	<0.001	1.33 [1.24;1.42]	<0.001
Household size	Non-employed	0.89 [0.80;0.99]	0.038	0.60 [0.54;0.67]	<0.001
	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.95 [0.89;1.01]	0.102	1.28 [1.20;1.37]	<0.001
Education level	>5 persons	1.13 [1.01;1.27]	0.034	1.83 [1.62;2.07]	<0.001
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.02 [0.92;1.12]	0.741	1.32 [1.19;1.46]	<0.001
	ISCED 2	1.06 [0.95;1.17]	0.296	1.73 [1.56;1.92]	<0.001
Income	ISCED 3&4	0.88 [0.79;0.99]	0.027	1.29 [1.15;1.44]	<0.001
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.89 [0.82;0.96]	0.0022	1.05 [0.97;1.13]	0.216
	3rd quartile	0.91 [0.85;0.99]	0.0255	1.10 [1.02;1.20]	0.016
Ethnicity	4th quartile	0.88 [0.81;0.96]	0.0025	1.03 [0.95;1.12]	0.462
	Danish	Ref	Ref	Ref	Ref
	Other	1.31 [1.21;1.41]	<0.001	2.95 [2.69;3.23]	<0.001

eTable 20. Main analysis adjusted for wearing a mask and handwashing

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Qu Rate Ratio [CI]	Options
Contact w/ SARS-Cov-2 positive	None	Ref	Ref	Ref	Ref
	Other	1.74 [1.62;1.86]	<0.001	13.70 [12.32;15.23]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	2.95 [2.77;3.15]	<0.001	33.57 [29.70;37.94]	<0.001
	<10	Ref	Ref	Ref	Ref
	10 to 50	1.06 [1.00;1.12]	0.052	1.87 [1.76;1.99]	<0.001
Bus travel	>50	1.24 [1.10;1.40]	<0.001	1.84 [1.62;2.10]	<0.001
	No	Ref	Ref	Ref	Ref
Train travel	Yes	0.83 [0.78;0.88]	<0.001	0.87 [0.82;0.93]	<0.001
	No	Ref	Ref	Ref	Ref
Ferry travel	Yes	0.85 [0.80;0.90]	<0.001	0.97 [0.91;1.03]	0.36
	No	Ref	Ref	Ref	Ref
Airplane travel	Yes	0.77 [0.67;0.88]	<0.001	0.86 [0.74;0.99]	0.037
	No	Ref	Ref	Ref	Ref
Indoor sports	Yes	0.68 [0.55;0.83]	<0.001	1.26 [1.00;1.58]	0.05
	No	Ref	Ref	Ref	Ref
Outdoor sports	Yes	1.16 [1.08;1.23]	<0.001	1.57 [1.46;1.68]	<0.001
	No	Ref	Ref	Ref	Ref
Visiting a gym	Yes	0.76 [0.70;0.83]	<0.001	0.97 [0.89;1.06]	0.47
	No	Ref	Ref	Ref	Ref
Use of public swimming pool or sauna	Yes	1.29 [1.21;1.37]	<0.001	1.60 [1.49;1.71]	<0.001
	No	Ref	Ref	Ref	Ref
Grocery shopping	Yes	0.88 [0.79;0.98]	0.015	1.10 [0.98;1.22]	0.1
	No	Ref	Ref	Ref	Ref
Restaurants/cafés	Yes	0.53 [0.46;0.60]	<0.001	0.63 [0.55;0.72]	<0.001
	No	Ref	Ref	Ref	Ref
Bar	Yes	1.08 [1.02;1.14]	0.0061	1.41 [1.33;1.50]	<0.001
	No	Ref	Ref	Ref	Ref
Frequent hand sanitizer use	Yes	1.32 [1.22;1.41]	<0.001	1.71 [1.58;1.85]	<0.001
	No	Ref	Ref	Ref	Ref
Sneezing in elbow	Yes	1.14 [0.96;1.35]	0.12	2.12 [1.79;2.50]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding handshakes	Yes	1.39 [1.25;1.55]	<0.001	1.99 [1.78;2.23]	<0.001
	No	Ref	Ref	Ref	Ref
Avoiding hugs	Yes	0.84 [0.75;0.93]	0.0013	0.97 [0.87;1.09]	0.64
	No	Ref	Ref	Ref	Ref
Physical distancing	Yes	1.01 [0.94;1.08]	0.8	1.12 [1.04;1.20]	0.0039
	No	Ref	Ref	Ref	Ref
Limiting public transport	Yes	0.93 [0.84;1.02]	0.12	1.05 [0.95;1.16]	0.32
	No	Ref	Ref	Ref	Ref
Avoiding social events	Yes	1.11 [1.05;1.18]	<0.001	1.10 [1.03;1.17]	0.0031
	No	Ref	Ref	Ref	Ref
Staying more at home	Yes	0.90 [0.85;0.96]	0.0014	0.91 [0.86;0.98]	0.0068
	No	Ref	Ref	Ref	Ref
Avoiding crowds	Yes	0.77 [0.73;0.82]	<0.001	0.69 [0.65;0.73]	<0.001
	No	Ref	Ref	Ref	Ref
	Yes	0.94 [0.89;1.00]	0.053	0.96 [0.90;1.02]	0.15

eTable 20. Main analysis adjusted for wearing a mask and handwashing
(continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.93 [0.88;0.98]	0.004	0.82 [0.77;0.86]	<0.001
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.10 [1.03;1.18]	0.0049	1.02 [0.95;1.10]	0.63
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.10 [1.04;1.16]	<0.001	1.05 [0.99;1.11]	0.1
Attending large events	No	Ref	Ref	Ref	Ref
	Yes, >30	1.48 [1.33;1.65]	<0.001	2.21 [1.96;2.50]	<0.001
	Yes, >50	1.69 [1.51;1.88]	<0.001	2.24 [1.98;2.53]	<0.001
Indoor/outdoor events	No	Ref	Ref	Ref	Ref
	Indoor	1.61 [1.49;1.75]	<0.001	2.38 [2.17;2.61]	<0.001
	Outdoor	1.23 [0.94;1.60]	0.13	1.27 [0.96;1.67]	0.096
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.20 [1.03;1.39]	0.019	2.75 [2.36;3.20]	<0.001
	Public employee	1.34 [1.18;1.51]	<0.001	4.29 [3.79;4.86]	<0.001
	Private employee	1.23 [1.09;1.40]	<0.001	2.08 [1.84;2.35]	<0.001
	Self-employed	1.37 [1.18;1.60]	<0.001	2.14 [1.83;2.49]	<0.001
	Other	1.04 [0.87;1.24]	0.669	1.34 [1.12;1.59]	0.0012
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.94 [0.83;1.06]	0.2887	1.40 [1.24;1.58]	<0.001
	Own office	1.23 [1.07;1.42]	0.0036	2.24 [1.94;2.59]	<0.001
	Shared office	1.35 [1.19;1.53]	<0.001	2.23 [1.97;2.53]	<0.001
	Retail, library or factory worker	1.47 [1.27;1.70]	<0.001	1.77 [1.53;2.06]	<0.001
	Social care or education	1.49 [1.32;1.68]	<0.001	6.28 [5.52;7.15]	<0.001
	Healthcare sector	1.26 [1.10;1.43]	<0.001	7.95 [6.82;9.28]	<0.001
	Transport (e.g. bus/taxi-driver)	1.32 [0.96;1.82]	0.0853	1.90 [1.36;2.66]	<0.001
	Outdoors (e.g. gardener)	1.20 [0.97;1.48]	0.0877	1.37 [1.11;1.70]	0.0033
	Other	1.28 [1.11;1.47]	<0.001	1.87 [1.62;2.15]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	1.26 [1.18;1.36]	<0.001	3.14 [2.90;3.40]	<0.001
	Yes, other	1.12 [1.05;1.20]	0.0011	1.33 [1.24;1.43]	<0.001
Household size	Non-employed	0.89 [0.80;1.00]	0.0412	0.61 [0.55;0.68]	<0.001
	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.93 [0.87;0.99]	0.029	1.26 [1.17;1.35]	<0.001
Education level	>5 persons	1.09 [0.96;1.23]	0.184	1.77 [1.56;2.02]	<0.001
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.07 [0.96;1.18]	0.24	1.38 [1.24;1.54]	<0.001
	ISCED 2	1.12 [1.01;1.25]	0.04	1.82 [1.63;2.04]	<0.001
Income	ISCED 3&4	0.93 [0.83;1.05]	0.25	1.36 [1.21;1.53]	<0.001
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.89 [0.83;0.97]	0.0059	1.07 [0.99;1.16]	0.0997
	3rd quartile	0.94 [0.87;1.02]	0.1402	1.14 [1.05;1.24]	0.0018
Ethnicity	4th quartile	0.92 [0.84;1.00]	0.0617	1.05 [0.97;1.15]	0.2338
	Danish	Ref	Ref	Ref	Ref
	Other	1.22 [1.12;1.32]	<0.001	2.73 [2.47;3.01]	<0.001

eTable 21. Symptomatic cases compared to symptomatic NC

Questions	Options	Cases compared to negative controls		
		Cases/controls	Rate Ratio [CI]	P-value
Contact w/ SARS-Cov-2 positive	None	2104/4979	Ref	Ref
	Other	582/308	4.23 [3.53; 5.06]	<0.001
Daily contacts	Close (<2 meter, >30 min.)	622/166	8.78 [7.01;11.01]	<0.001
	<10	1876/3184	Ref	Ref
	10 to 50	1102/1841	0.98 [0.87;1.10]	0.6881
Bus travel	>50	194/233	1.40 [1.09;1.78]	0.0078
	No	2095/3603	Ref	Ref
Train travel	Yes	834/1450	0.97 [0.86;1.10]	0.67
	No	1533/2651	Ref	Ref
Ferry travel	Yes	1464/2467	1.00 [0.89;1.12]	0.96
	No	2755/4771	Ref	Ref
Airplane travel	Yes	126/219	1.03 [0.78;1.36]	0.81
	No	2818/4922	Ref	Ref
Indoor sports	Yes	54/62	1.40 [0.90;2.19]	0.14
	No	2158/3965	Ref	Ref
Outdoor sports	Yes	775/1061	1.38 [1.21;1.57]	<0.001
	No	2540/4293	Ref	Ref
Visiting a gym	Yes	343/704	0.84 [0.70;1.00]	0.052
	No	2094/3916	Ref	Ref
Use of public swimming pool or sauna	Yes	832/1098	1.43 [1.26;1.63]	<0.001
	No	2630/4510	Ref	Ref
Grocery shopping	Yes	253/484	0.90 [0.74;1.10]	0.3
	No	140/126	Ref	Ref
Restaurants/cafés	Yes	2952/5067	0.56 [0.41;0.77]	<0.001
	No	1167/2298	Ref	Ref
Bar	Yes	1824/2781	1.35 [1.20;1.51]	<0.001
	No	2223/4210	Ref	Ref
Wearing a mask	Yes	677/789	1.66 [1.43;1.93]	<0.001
	No	22/29	Ref	Ref
Frequent handwashing	Yes	3187/5257	0.53 [0.27;1.04]	0.066
	No	276/714	Ref	Ref
Frequent hand sanitizer use	Yes	3047/4757	1.76 [1.47;2.09]	<0.001
	No	183/326	Ref	Ref
Sneezing in elbow	Yes	3140/5145	0.86 [0.63;1.16]	0.32
	No	301/590	Ref	Ref
Avoiding handshakes	Yes	3022/4881	1.05 [0.85;1.30]	0.65
	No	278/444	Ref	Ref
Avoiding hugs	Yes	3045/5027	0.84 [0.67;1.06]	0.15
	No	589/1060	Ref	Ref
Physical distancing	Yes	2734/4411	1.02 [0.88;1.19]	0.76
	No	359/579	Ref	Ref
Limiting public transport	Yes	2964/4892	0.86 [0.71;1.05]	0.15
	No	985/1709	Ref	Ref
Avoiding social events	Yes	2338/3762	1.06 [0.94;1.20]	0.35
	No	875/1267	Ref	Ref
Staying more at home	Yes	2448/4204	0.77 [0.68;0.88]	<0.001
	No	1803/2543	Ref	Ref
	Yes	1520/2928	0.76 [0.68;0.85]	<0.001

eTable 21. Symptomatic sases compared to symptomatic NC (continued)

Questions	Options	Cases compared to negative controls		
		Cases/controls	Rate Ratio [CI]	P-value
Avoiding crowds	No	1022/1630	Ref	Ref
	Yes	2301/3841	0.93 [0.83;1.05]	0.26
Avoiding sports with others	No	1678/2630	Ref	Ref
	Yes	1645/2841	0.90 [0.80;1.00]	0.043
Limiting traveling	No	646/1104	Ref	Ref
	Yes	2677/4367	1.01 [0.87;1.17]	0.91
Limiting grocery shopping	No	2003/3308	Ref	Ref
	Yes	1320/2163	0.99 [0.89;1.11]	0.91
Attending large events	No	2691/4850	Ref	Ref
	Yes, >30	259/236	1.91 [1.52;2.40]	<0.001
	Yes, >50	261/211	2.13 [1.70;2.66]	<0.001
Indoor/outdoor events	No	2691/4850	Ref	Ref
	Indoor	478/404	2.06 [1.73;2.45]	<0.001
	Outdoor	37/42	1.44 [0.83;2.50]	0.19
Primary employment	Non-employed	258/384	Ref	Ref
	Student	409/569	1.24 [0.90;1.70]	0.197
	Public employee	1090/1801	1.39 [1.07;1.81]	0.013
	Private employee	1113/2011	1.18 [0.91;1.54]	0.213
	Self-employed	216/345	1.34 [0.97;1.84]	0.072
	Other	92/155	1.07 [0.70;1.63]	0.754
Type of occupation	Non-employed	299/430	Ref	Ref
	At home	662/1436	0.97 [0.76;1.25]	0.836
	Own office	254/400	1.32 [0.98;1.76]	0.065
	Shared office	558/935	1.28 [0.99;1.66]	0.058
	Retail, library or factory worker	190/281	1.36 [0.98;1.88]	0.063
	Social care or education	575/860	1.39 [1.07;1.79]	0.013
	Healthcare sector	331/419	1.66 [1.25;2.20]	<0.001
	Transport (e.g. bus/taxi-driver)	25/19	2.30 [1.00;5.29]	0.051
	Outdoors (e.g. gardener)	60/111	0.92 [0.57;1.48]	0.736
	Other	215/351	1.22 [0.90;1.65]	0.209
Contact to people at work	No contact	999/1905	Ref	Ref
	Yes, close	856/1227	1.40 [1.21;1.61]	<0.001
	Yes, other	982/1626	1.16 [1.02;1.33]	0.027
	Non-employed	321/485	0.92 [0.73;1.16]	0.473
Household size	1 to 2 persons	1974/2944	Ref	Ref
	3 to 4 persons	1075/2141	0.77 [0.68;0.88]	<0.001
	>5 persons	208/325	1.03 [0.80;1.34]	0.81
Education level	ISCED 0	399/636	Ref	Ref
	ISCED 1	1080/1597	1.17 [0.92;1.51]	0.204
	ISCED 2	1049/1669	1.28 [1.00;1.65]	0.051
	ISCED 3&4	677/1439	0.99 [0.76;1.28]	0.926
Income	1st quartile	911/1326	Ref	Ref
	2nd quartile	775/1385	0.89 [0.76;1.04]	0.156
	3rd quartile	812/1396	0.96 [0.82;1.14]	0.667
	4th quartile	759/1303	0.84 [0.70;1.00]	0.053
Ethnicity	Danish	2823/4955	Ref	Ref
	Other	500/516	1.62 [1.38;1.91]	<0.001

eTable 22. Cases with unknown source of infection compared to NC and UC

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Questions	P-value
Daily contacts	<10	Ref	Ref	Ref	Ref
	10 to 50	0.86 [0.78;0.95]	0.0018	1.56 [1.41;1.72]	<0.001
	>50	0.99 [0.81;1.22]	0.9538	1.36 [1.10;1.68]	0.0049
Bus travel	No	Ref	Ref	Ref	Ref
	Yes	0.93 [0.84;1.03]	0.18	0.97 [0.87;1.08]	0.58
Train travel	No	Ref	Ref	Ref	Ref
	Yes	1.06 [0.96;1.16]	0.26	1.23 [1.12;1.35]	<0.001
Ferry travel	No	Ref	Ref	Ref	Ref
	Yes	0.86 [0.69;1.06]	0.16	0.98 [0.79;1.22]	0.86
Airplane travel	No	Ref	Ref	Ref	Ref
	Yes	0.79 [0.58;1.06]	0.12	1.52 [1.10;2.11]	0.011
Indoor sports	No	Ref	Ref	Ref	Ref
	Yes	1.26 [1.14;1.40]	<0.001	1.68 [1.50;1.87]	<0.001
Outdoor sports	No	Ref	Ref	Ref	Ref
	Yes	0.71 [0.62;0.82]	<0.001	0.90 [0.78;1.04]	0.16
Visiting a gym	No	Ref	Ref	Ref	Ref
	Yes	1.52 [1.37;1.68]	<0.001	1.87 [1.69;2.08]	<0.001
Use of public swimming pool	No	Ref	Ref	Ref	Ref
	Yes	1.10 [0.94;1.28]	0.24	1.31 [1.11;1.54]	0.0011
Grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	0.58 [0.47;0.72]	<0.001	0.71 [0.57;0.88]	0.0018
Restaurants/cafés	No	Ref	Ref	Ref	Ref
	Yes	1.33 [1.22;1.46]	<0.001	1.77 [1.61;1.95]	<0.001
Bar	No	Ref	Ref	Ref	Ref
	Yes	1.67 [1.49;1.87]	<0.001	2.20 [1.96;2.47]	<0.001
Wearing a mask	No	Ref	Ref	Ref	Ref
	Yes	1.26 [0.72;2.22]	0.42	1.25 [0.72;2.17]	0.44
Frequent handwashing	No	Ref	Ref	Ref	Ref
	Yes	2.21 [1.00;4.92]	0.051	2.46 [1.09;5.52]	0.03
Frequent hand sanitizer use	No	Ref	Ref	Ref	Ref
	Yes	1.29 [1.04;1.61]	0.021	1.66 [1.34;2.04]	<0.001
Sneezing in elbow	No	Ref	Ref	Ref	Ref
	Yes	1.36 [1.16;1.60]	<0.001	1.66 [1.42;1.94]	<0.001
Avoiding handshakes	No	Ref	Ref	Ref	Ref
	Yes	1.04 [0.88;1.23]	0.61	1.05 [0.89;1.24]	0.55
Avoiding hugs	No	Ref	Ref	Ref	Ref
	Yes	1.10 [0.98;1.23]	0.11	1.12 [0.99;1.25]	0.063
Physical distancing	No	Ref	Ref	Ref	Ref
	Yes	1.07 [0.92;1.24]	0.37	1.05 [0.91;1.22]	0.51
Limiting public transport	No	Ref	Ref	Ref	Ref
	Yes	1.13 [1.03;1.24]	0.011	1.10 [1.00;1.21]	0.05
Avoiding social events	No	Ref	Ref	Ref	Ref
	Yes	0.89 [0.81;0.98]	0.019	0.85 [0.77;0.94]	0.0014
Staying more at home	No	Ref	Ref	Ref	Ref
	Yes	0.87 [0.79;0.95]	0.0014	0.76 [0.69;0.83]	<0.001
Avoiding crowds	No	Ref	Ref	Ref	Ref
	Yes	0.96 [0.88;1.05]	0.39	0.94 [0.86;1.03]	0.21
Avoiding sports with others	No	Ref	Ref	Ref	Ref
	Yes	0.91 [0.83;0.99]	0.022	0.78 [0.71;0.85]	<0.001

eTable 22. Cases with unknown source of infection compared to NC and UC (continued)

Questions	Options	Cases compared to negative controls		Cases compared to untested controls	
		Rate Ratio [CI]	P-value	Rate Ratio [CI]	P-value
Limiting traveling	No	Ref	Ref	Ref	Ref
	Yes	1.07 [0.97;1.19]	0.19	0.96 [0.86;1.07]	0.48
Limiting grocery shopping	No	Ref	Ref	Ref	Ref
	Yes	1.07 [0.98;1.16]	0.15	1.00 [0.91;1.09]	0.95
Attending large events	No	Ref	Ref	Ref	Ref
	Yes, >30	1.78 [1.52;2.09]	<0.001	2.67 [2.24;3.18]	<0.001
	Yes, >50	2.37 [2.03;2.77]	<0.001	3.22 [2.72;3.81]	<0.001
Indoor/outdoor events	No	Ref	Ref	Ref	Ref
	Indoor	2.09 [1.85;2.35]	<0.001	3.08 [2.70;3.51]	<0.001
	Outdoor	1.69 [1.16;2.45]	0.0057	1.93 [1.33;2.82]	<0.001
Primary employment	Non-employed	Ref	Ref	Ref	Ref
	Student	1.06 [0.84;1.34]	0.629	2.44 [1.93;3.09]	<0.001
	Public employee	1.09 [0.91;1.32]	0.352	3.46 [2.86;4.18]	<0.001
	Private employee	1.08 [0.90;1.31]	0.405	1.88 [1.56;2.27]	<0.001
	Self-employed	1.26 [1.00;1.59]	0.046	1.97 [1.56;2.49]	<0.001
	Other	0.97 [0.74;1.27]	0.807	1.20 [0.92;1.58]	0.18
Type of occupation	Non-employed	Ref	Ref	Ref	Ref
	At home	0.97 [0.81;1.17]	0.7664	1.48 [1.24;1.77]	<0.001
	Own office	1.07 [0.86;1.33]	0.5358	2.08 [1.67;2.59]	<0.001
	Shared office	1.17 [0.97;1.41]	0.1094	2.00 [1.66;2.42]	<0.001
	Retail, library or factory worker	1.20 [0.95;1.52]	0.1293	1.49 [1.18;1.89]	<0.001
	Social care or education	1.00 [0.82;1.21]	0.9855	4.12 [3.37;5.04]	<0.001
	Healthcare sector	1.14 [0.92;1.40]	0.2211	7.45 [5.95;9.34]	<0.001
	Transport (e.g. bus/taxi-driver)	1.82 [1.17;2.84]	0.0078	2.44 [1.52;3.90]	<0.001
Outdoors (e.g. gardener)	Other	1.03 [0.73;1.44]	0.8842	1.18 [0.83;1.67]	0.35
	Other	1.06 [0.85;1.32]	0.6151	1.47 [1.18;1.83]	<0.001
	Other	1.06 [0.85;1.32]	0.6151	1.47 [1.18;1.83]	<0.001
Contact to people at work	No contact	Ref	Ref	Ref	Ref
	Yes, close	0.95 [0.84;1.06]	0.36	2.32 [2.05;2.64]	<0.001
	Yes, other	1.03 [0.93;1.14]	0.58	1.22 [1.09;1.36]	<0.001
Household size	Non-employed	0.92 [0.78;1.08]	0.31	0.61 [0.52;0.72]	<0.001
	1 to 2 persons	Ref	Ref	Ref	Ref
	3 to 4 persons	0.87 [0.78;0.97]	0.013	1.19 [1.07;1.33]	0.0015
Education level	>5 persons	0.95 [0.78;1.17]	0.646	1.57 [1.28;1.94]	<0.001
	ISCED 0	Ref	Ref	Ref	Ref
	ISCED 1	1.07 [0.91;1.27]	0.41	1.43 [1.21;1.70]	<0.001
	ISCED 2	1.15 [0.96;1.37]	0.12	1.89 [1.58;2.25]	<0.001
Income	ISCED 3&4	0.98 [0.82;1.18]	0.85	1.46 [1.21;1.76]	<0.001
	1st quartile	Ref	Ref	Ref	Ref
	2nd quartile	0.78 [0.68;0.88]	<0.001	0.88 [0.78;1.00]	0.048
	3rd quartile	0.80 [0.71;0.92]	<0.001	0.97 [0.86;1.11]	0.693
Ethnicity	4th quartile	0.85 [0.74;0.97]	0.02	0.98 [0.85;1.12]	0.726
	Danish	Ref	Ref	Ref	Ref
	Other	1.45 [1.29;1.64]	<0.001	3.28 [2.86;3.76]	<0.001