Figure 1. The content of questionnaire and the hypothesis of our study
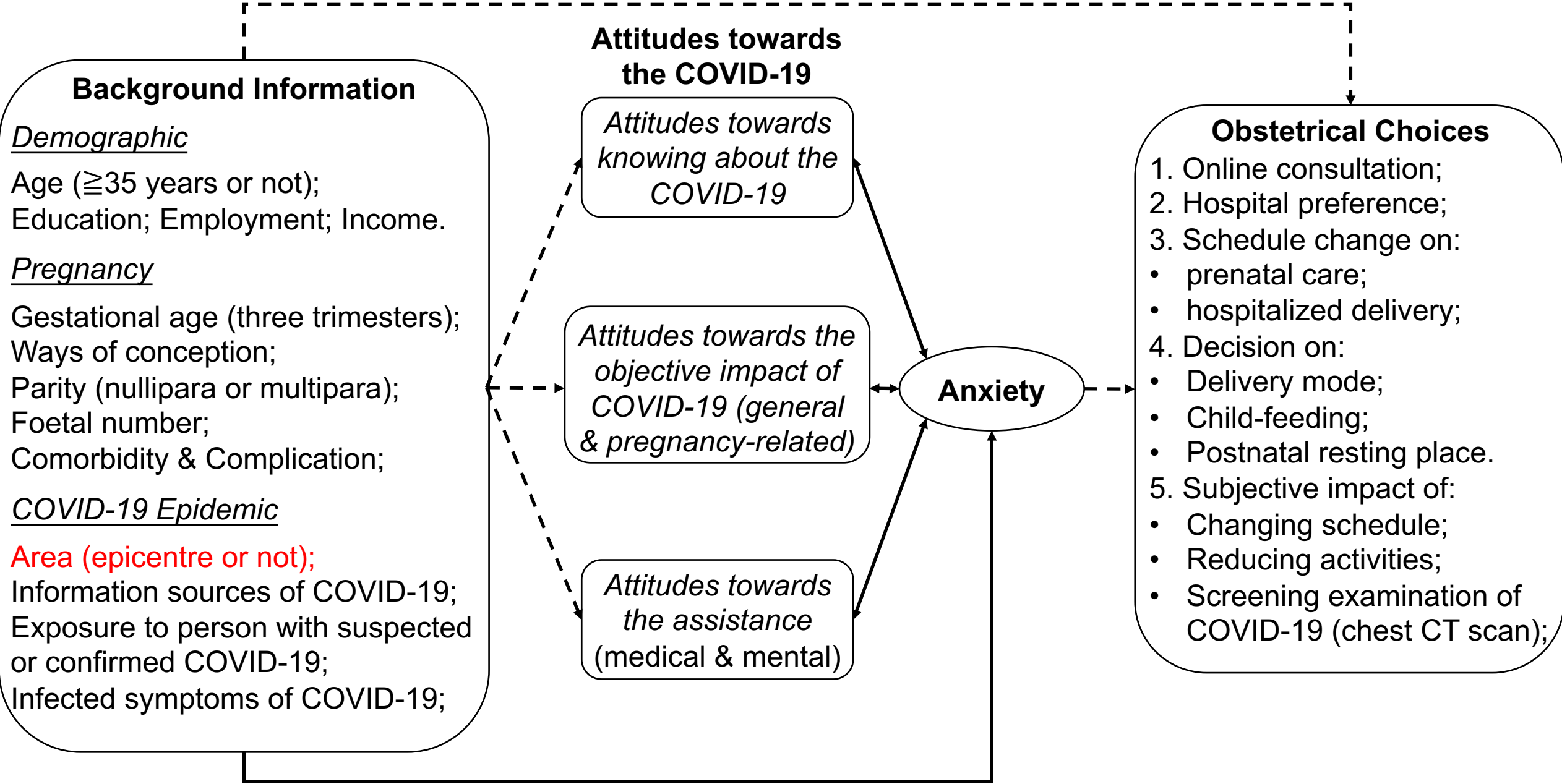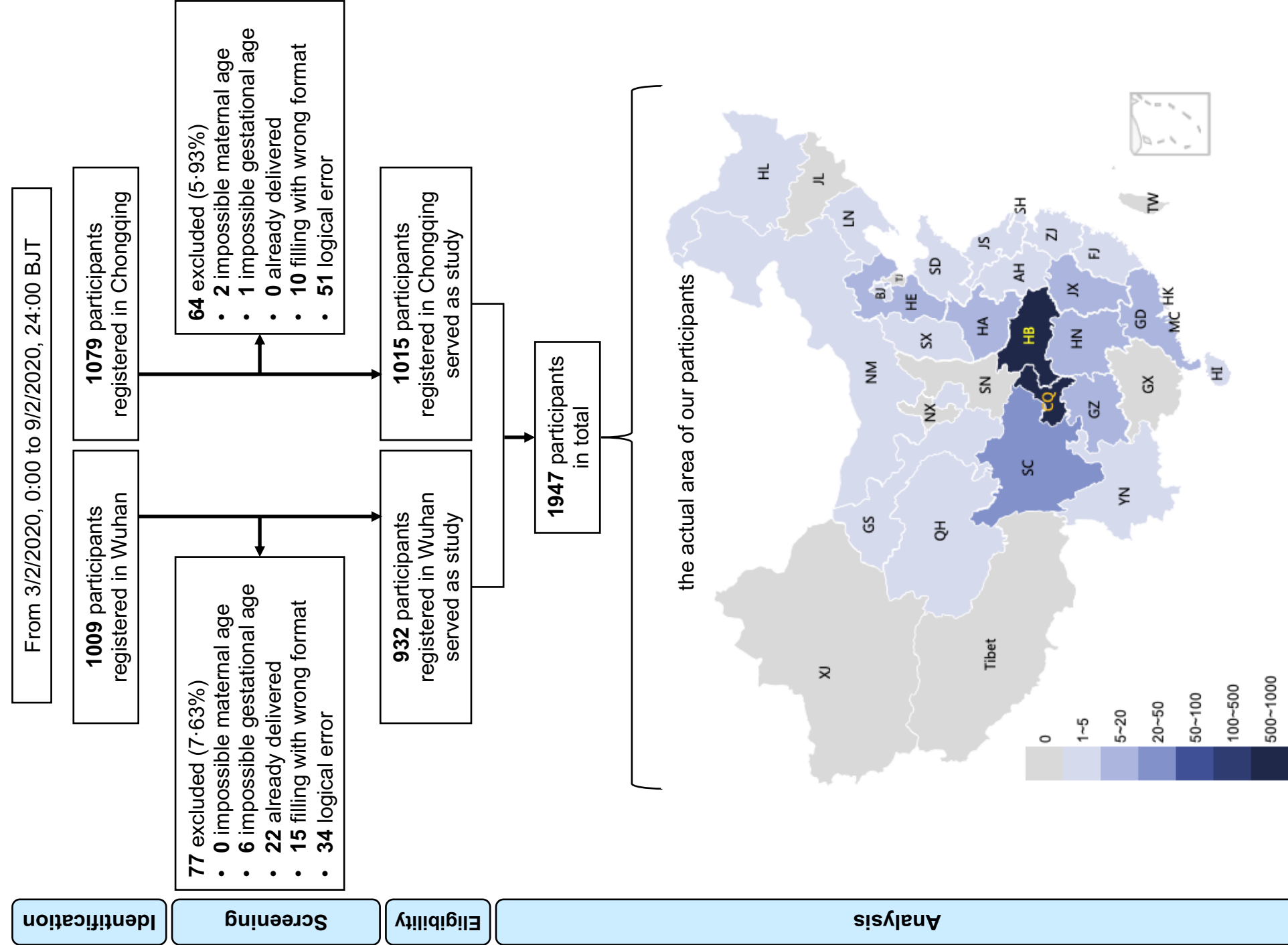
Figure 2. The flow chart of our study sample selection

Identification

From 3/2/2020, 0:00 to 9/2/2020, 24:00 BJT

1079 participants registered in Chongqing

1009 participants registered in Wuhan

Screening

64 excluded (5·93%)
- **2** impossible maternal age
- **1** impossible gestational age
- **0** already delivered
- **10** filling with wrong format
- **51** logical error

77 excluded (7·63%)
- **0** impossible maternal age
- **6** impossible gestational age
- **22** already delivered
- **15** filling with wrong format
- **34** logical error

Eligibility

1015 participants registered in Chongqing served as study

932 participants registered in Wuhan served as study

1947 participants in total

Analysis

the actual area of our participants

HB, Hubei province, the capital city of which is Wuhan.
CQ, Chongqing, an adjacent province-level municipality of Hubei province.
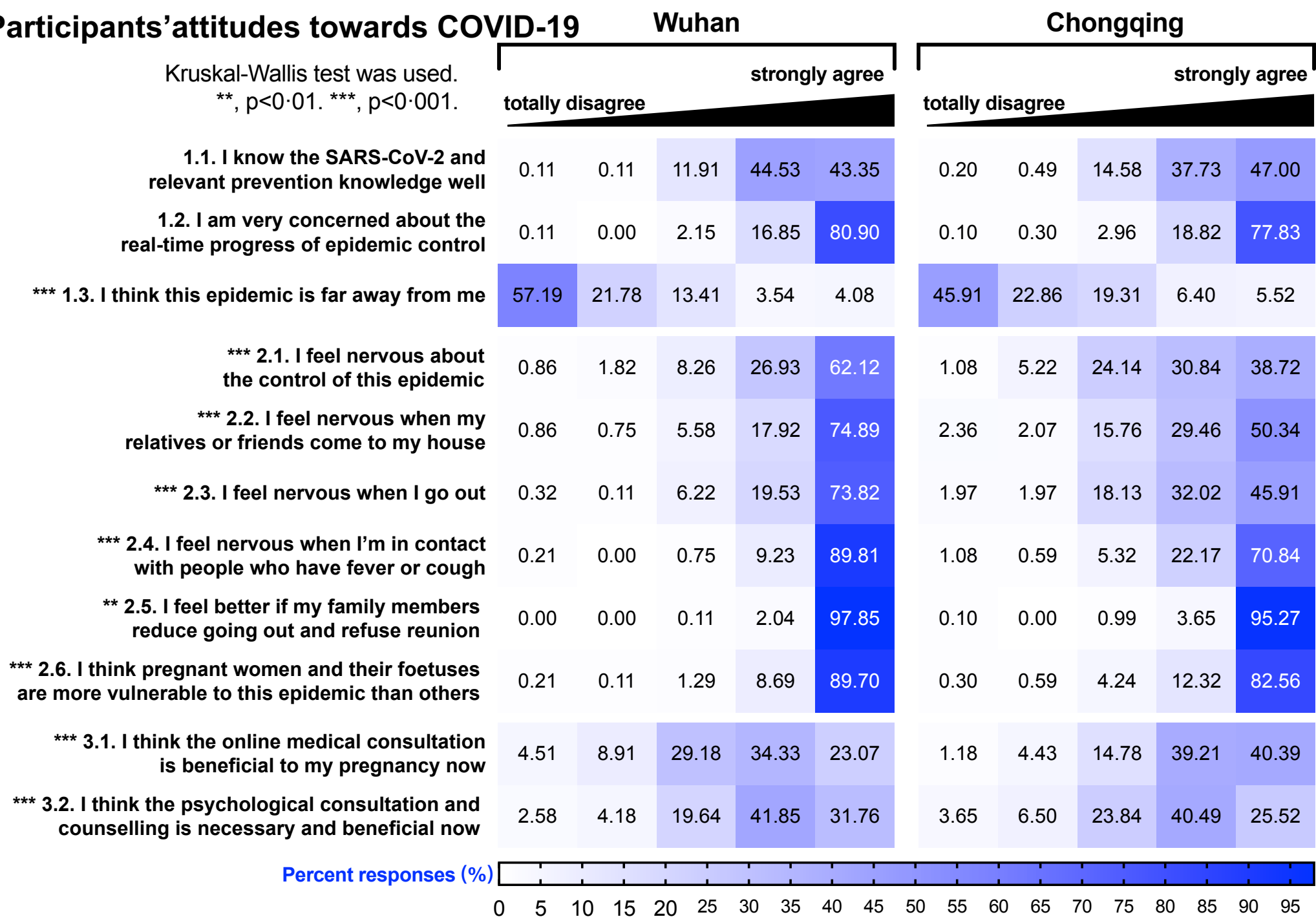
Figure 3. Participants'attitudes towards COVID-19

Kruskal-Wallis test was used.
**, p<0·01. ***, p<0·001.

	Wuhan					Chongqing				
	totally disagree → strongly agree					totally disagree → strongly agree				
1.1. I know the SARS-CoV-2 and relevant prevention knowledge well	0.11	0.11	11.91	44.53	43.35	0.20	0.49	14.58	37.73	47.00
1.2. I am very concerned about the real-time progress of epidemic control	0.11	0.00	2.15	16.85	80.90	0.10	0.30	2.96	18.82	77.83
*** 1.3. I think this epidemic is far away from me	57.19	21.78	13.41	3.54	4.08	45.91	22.86	19.31	6.40	5.52
*** 2.1. I feel nervous about the control of this epidemic	0.86	1.82	8.26	26.93	62.12	1.08	5.22	24.14	30.84	38.72
*** 2.2. I feel nervous when my relatives or friends come to my house	0.86	0.75	5.58	17.92	74.89	2.36	2.07	15.76	29.46	50.34
*** 2.3. I feel nervous when I go out	0.32	0.11	6.22	19.53	73.82	1.97	1.97	18.13	32.02	45.91
*** 2.4. I feel nervous when I'm in contact with people who have fever or cough	0.21	0.00	0.75	9.23	89.81	1.08	0.59	5.32	22.17	70.84
** 2.5. I feel better if my family members reduce going out and refuse reunion	0.00	0.00	0.11	2.04	97.85	0.10	0.00	0.99	3.65	95.27
*** 2.6. I think pregnant women and their foetuses are more vulnerable to this epidemic than others	0.21	0.11	1.29	8.69	89.70	0.30	0.59	4.24	12.32	82.56
*** 3.1. I think the online medical consultation is beneficial to my pregnancy now	4.51	8.91	29.18	34.33	23.07	1.18	4.43	14.78	39.21	40.39
*** 3.2. I think the psychological consultation and counselling is necessary and beneficial now	2.58	4.18	19.64	41.85	31.76	3.65	6.50	23.84	40.49	25.52

Percent responses (%)

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95

Figure 4. SAS Scale

Alpha coefficient for the SAS was 0·78.

Item (available data, n=1947) — **Percent responses**

Legend: A, B, C, D

Item	A	B	C	D
I feel more nervous and anxious than usual	32.56	47.82	14.54	5.08
I feel afraid for no reason at all	45.51	41.65	10.32	2.52
I get upset easily or feel panicky	45.04	41.19	11.09	2.67
I feel like I'm falling apart and going to pieces	73.81	20.44	4.16	1.59
§ I feel that everything is all right and nothing bad will happen	18.95	32.87	31.28	16.90
My arms and legs shake and tremble	93.94	4.67	0.98	0.41
I am bothered by headaches neck and back pains	69.29	24.09	5.44	1.18
I feel weak and get tired easily	60.14	31.38	7.40	1.08
§ I feel calm and can sit still easily	12.12	19.52	41.86	26.50
I can feel my heart beating fast	64.97	29.69	4.52	0.82
I am bothered by dizzy spells	81.82	16.28	1.49	0.41
I have fainting spells or feel like it	92.40	6.83	0.46	0.31
§ I can breathe in and out easily	19.93	7.34	25.99	46.74
I get feelings of numbness and tingling in my fingers toes	82.43	14.95	1.80	0.82
I am bothered by stomachaches or indigestion	68.26	23.06	7.40	1.28
I have to empty my bladder often	10.58	27.84	47.71	13.87
§ My hands are usually dry and warm	10.73	12.28	40.99	36.00
My face gets hot and blushes	68.31	26.76	4.01	0.92
§ I fall asleep easily and get a good night's rest	13.25	36.93	36.00	13.82
I have nightmares	57.58	35.59	5.75	1.08

§ , the 5 items (i.e., 5, 9, 13, 17, 19) stated positively.

A, None or a little of the time (In the past week, there have been such cases no more than one day.)

B, Some of the time (In the past week, there have been such cases in 1-2 days.)

C, Good part of the time (In the past week, there have been such cases in 3-4 days.)

D, Most or all of the time (In the past week, there have been such cases in 5-7 days.)