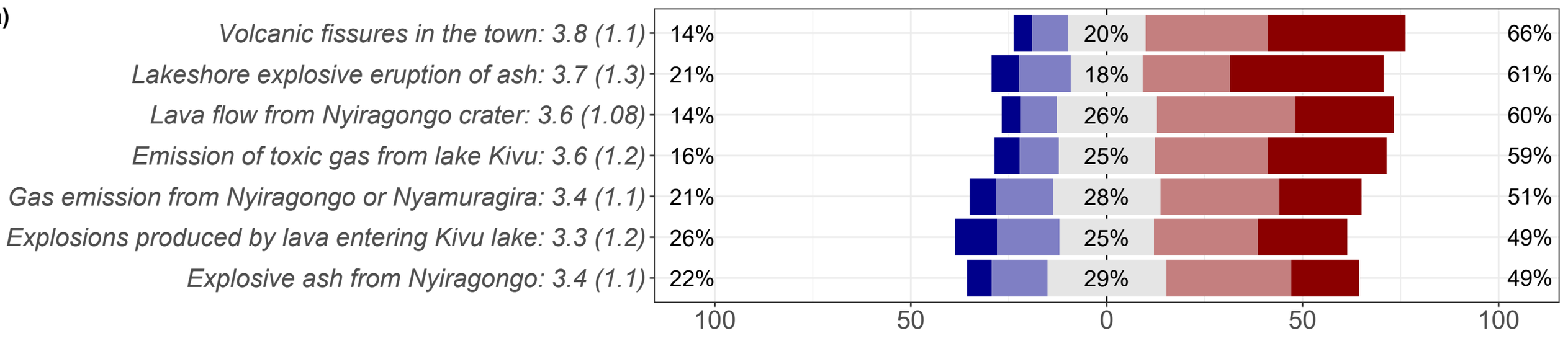
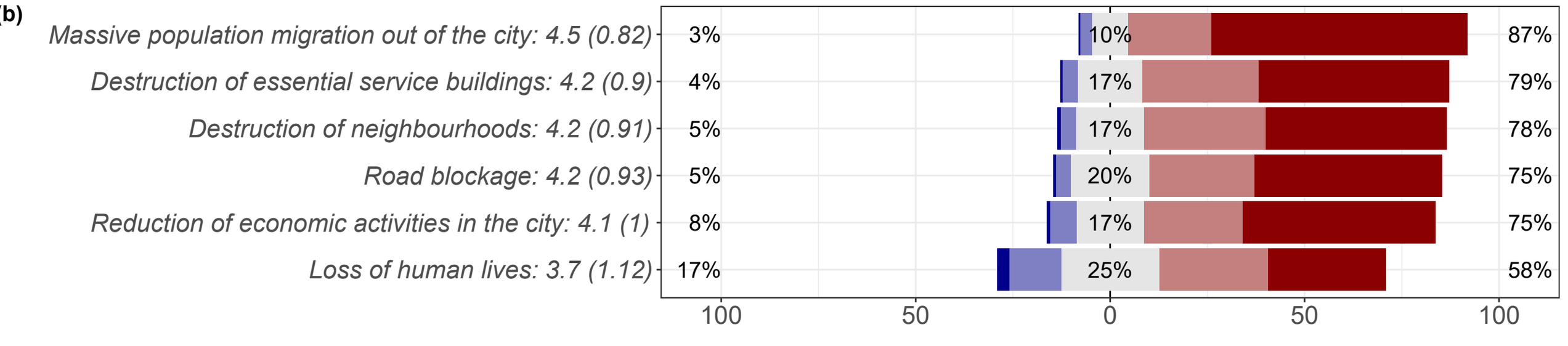
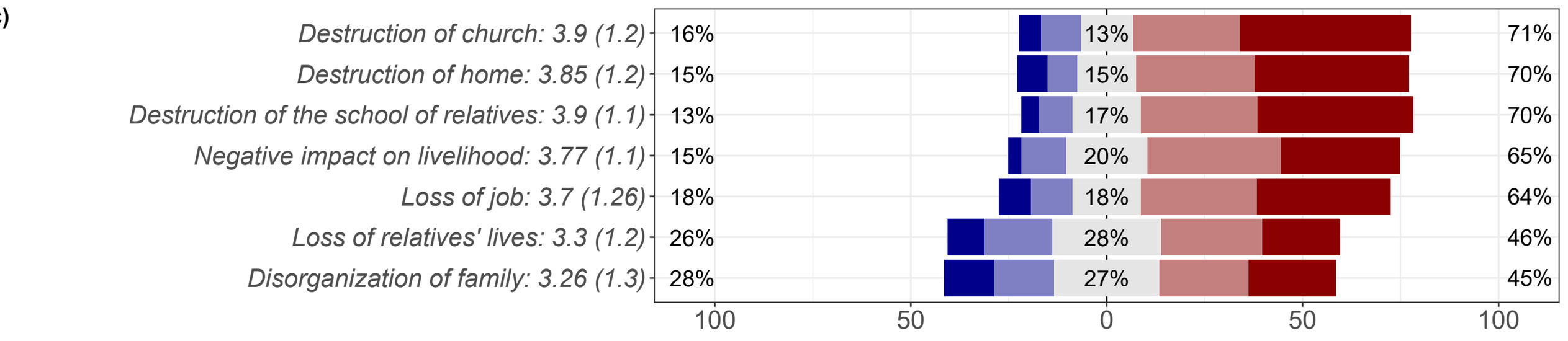
(a)


Volcanic fissures in the town: 3.8 (1.1)
14%
20%
66%
Lakeshore explosive eruption of ash: 3.7 (1.3)
21%
18%
61%
Lava flow from Nyiragongo crater: 3.6 (1.08)
14%
26%
60%
Emission of toxic gas from lake Kivu: 3.6 (1.2)
16%
25%
59%
Gas emission from Nyiragongo or Nyamuragira: 3.4 (1.1)
21%
28%
51%
Explosions produced by lava entering Kivu lake: 3.3 (1.2)
26%
25%
49%
Explosive ash from Nyiragongo: 3.4 (1.1)
22%
29%
49%
100
50
0
50
100

(b)


Massive population migration out of the city: 4.5 (0.82)
3%
10%
87%
Destruction of essential service buildings: 4.2 (0.9)
4%
17%
79%
Destruction of neighbourhoods: 4.2 (0.91)
5%
17%
78%
Road blockage: 4.2 (0.93)
5%
20%
75%
Reduction of economic activities in the city: 4.1 (1)
8%
17%
75%
Loss of human lives: 3.7 (1.12)
17%
25%
58%
100
50
0
50
100

(c)


Destruction of church: 3.9 (1.2)
16%
13%
71%
Destruction of home: 3.85 (1.2)
15%
15%
70%
Destruction of the school of relatives: 3.9 (1.1)
13%
17%
70%
Negative impact on livelihood: 3.77 (1.1)
15%
20%
65%
Loss of job: 3.7 (1.26)
18%
18%
64%
Loss of relatives' lives: 3.3 (1.2)
26%
28%
46%
Disorganization of family: 3.26 (1.3)
28%
27%
45%
100
50
0
50
100

(d)

Perceived likelihood of hazards: 3.58 (0.92)
10%
34
56%
Perceived severity of impacts on the city: 4.3 (0.72)
1%
12%
87%
Perceived severity: 3.91 (0.67)
2%
23%
75%
Perceived vulnerability: 3.7 (1)
13%
22%
65%
Risk perception: 3.79 (0.74)
5%
26%
69%
100
50
0
50
100
Percentage of respondents
Mean
Standard deviation
Very low
Low
Intermediate
High
Very high