

# Social Science Research Project

Fife/Puyallup, Washington

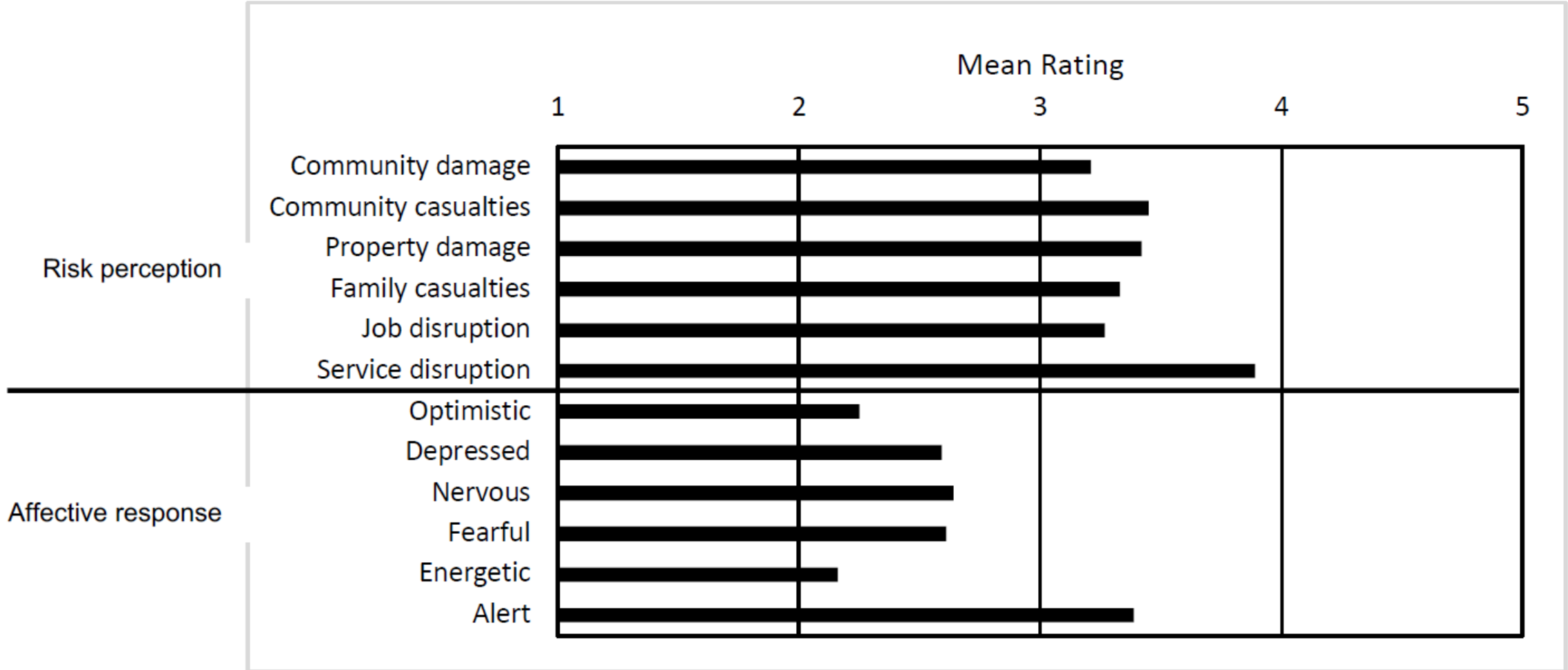
Lincoln City, Oregon

Eureka, California

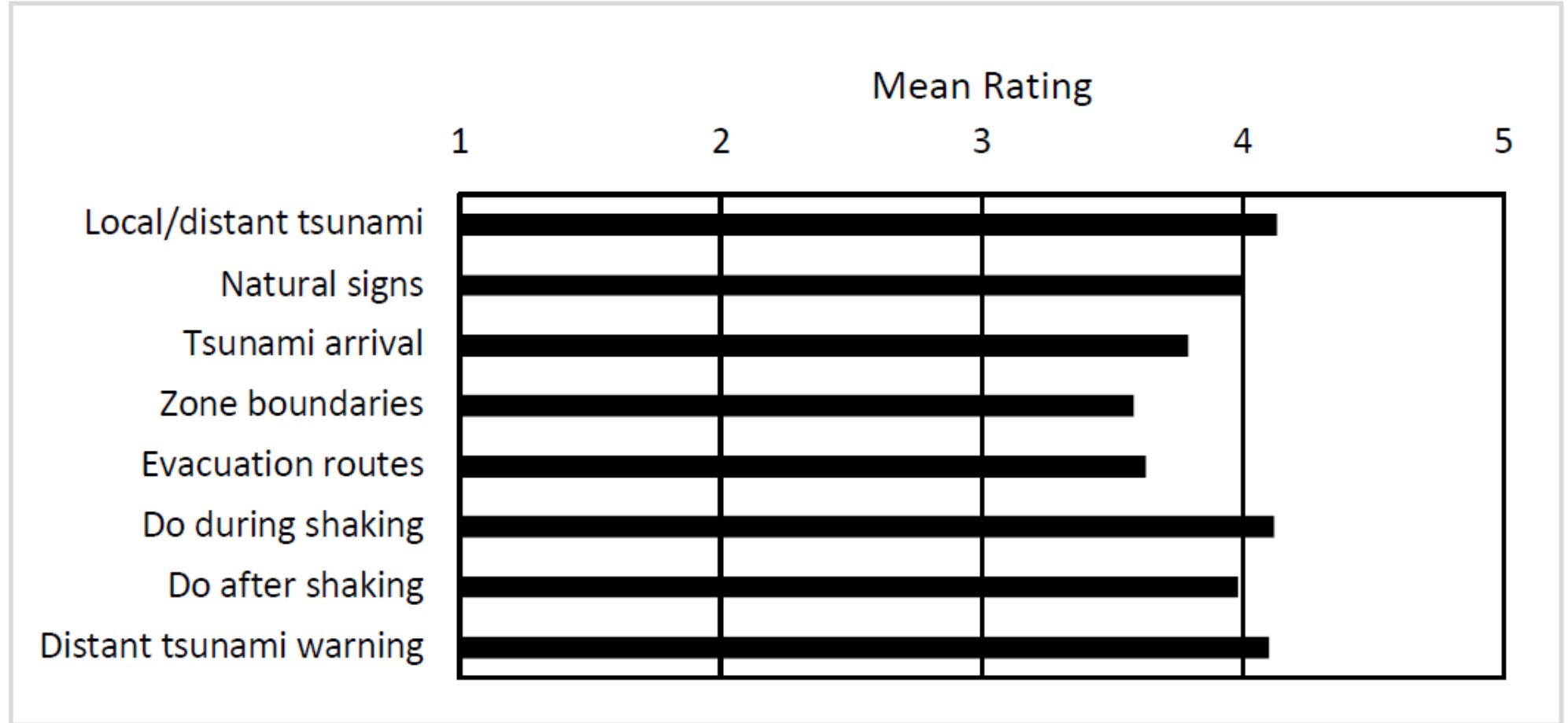
## **Table 1. Tsunami evacuation product topics.**

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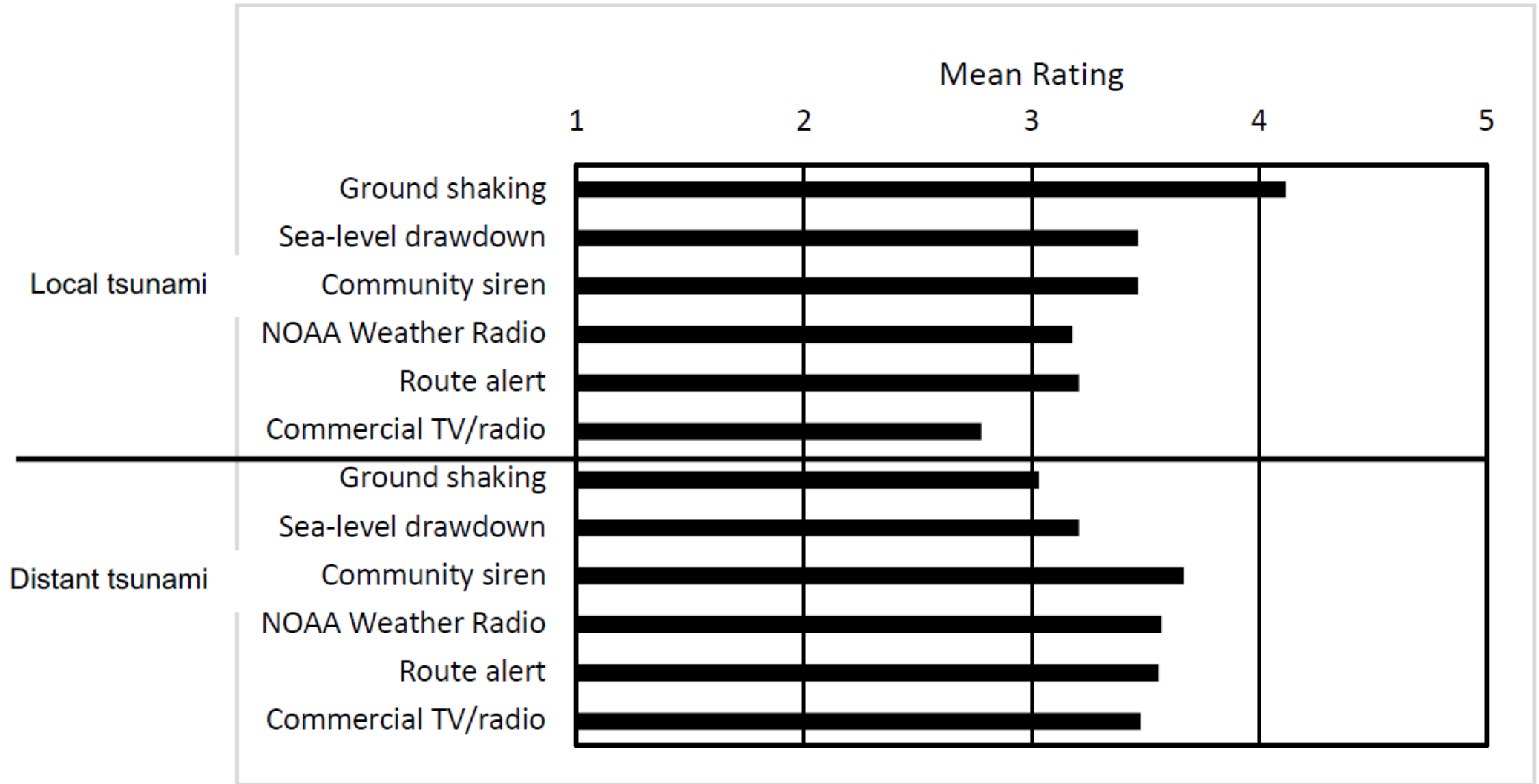
1. What is a tsunami?
  2. What is the difference between a ‘distant’ and a ‘local’ tsunami?
  3. What do tsunami hazard zone signs mean?
  4. What do tsunami evacuation route signs mean?
  5. How will I know when to evacuate (which addressed the distinction between *official warnings* and *natural warnings*)?
  6. What should I do when a major earthquake strikes my community?
  7. What else should I do for a local or distant tsunami?
  8. Where can I stay until the danger is over?
  9. What can I do to prepare before a tsunami?
  10. What should I have in my emergency kit?
  11. How can I help with tsunami awareness in my community?
  12. Who can I contact for more information?
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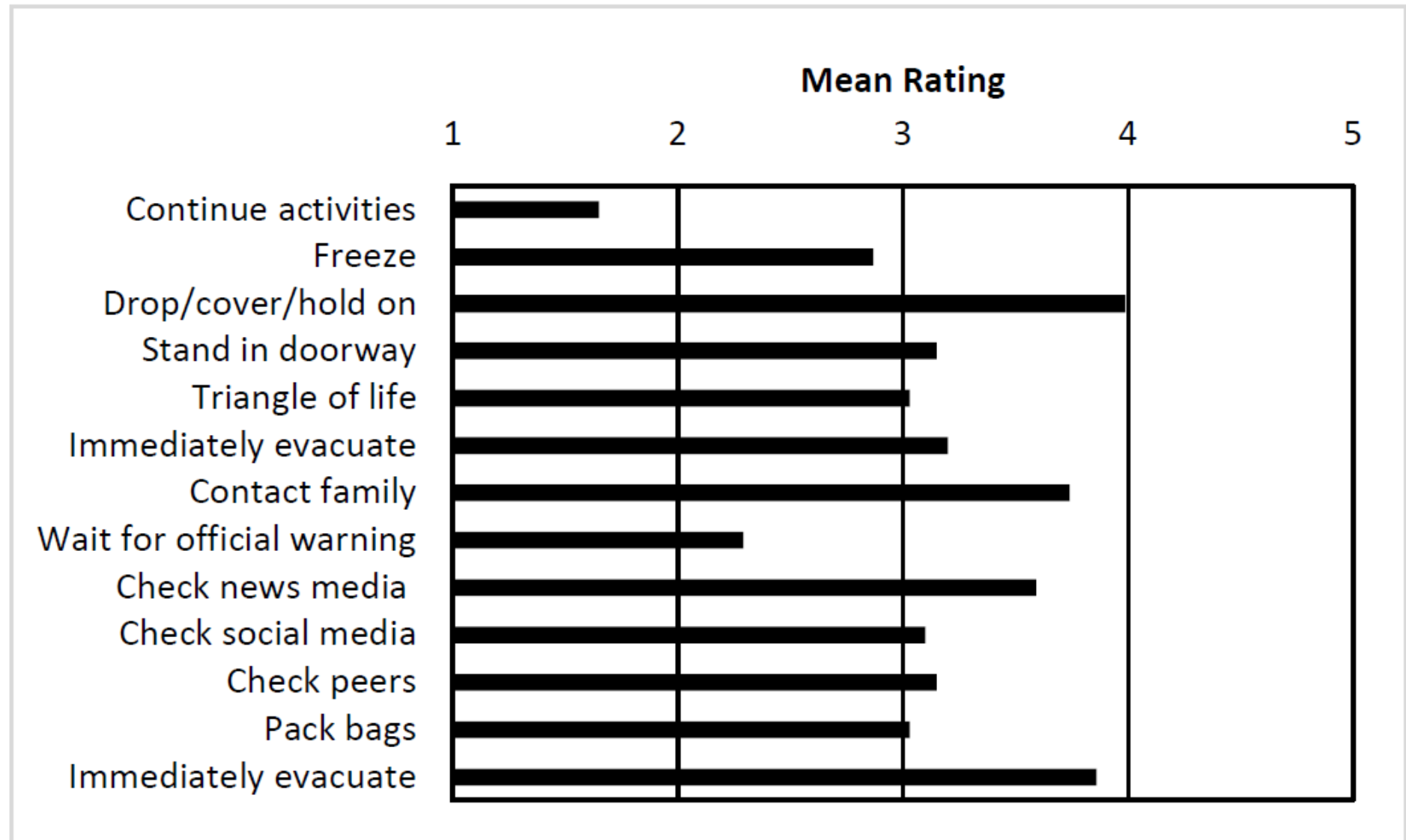
**Figure 4. Mean ratings of confidence in understanding of tsunami phenomena.**



**Figure 5. Mean ratings of expected warning sources for local and distant tsunamis.**



**Figure 7. Mean ratings of expected response actions during and after earthquake shaking**

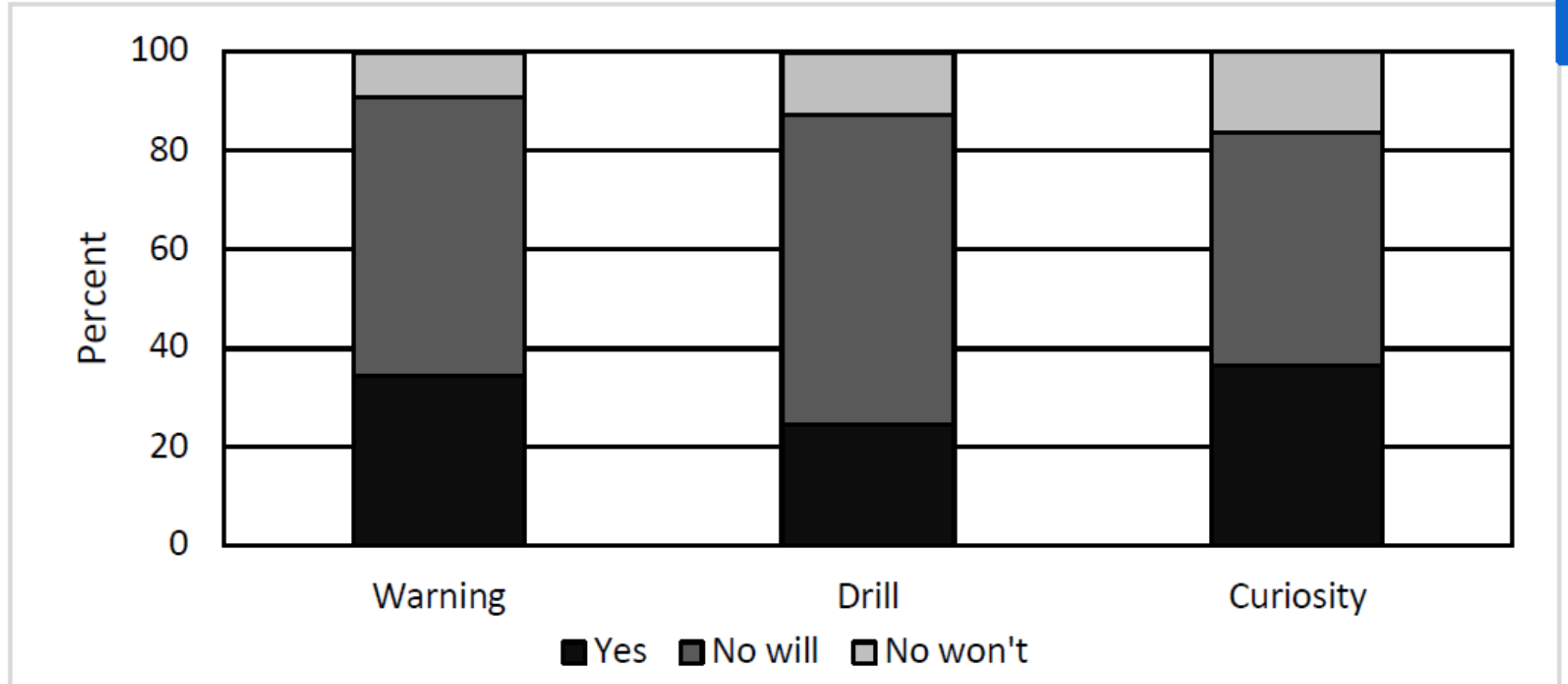


# Evacuation

There are minimal differences among states in the respondents' expected logistics of evacuation. There are 4% who expect to not evacuate, 54% who expect to evacuate by car, and 36% who expect to evacuate on foot. Of those expecting to take a car, 92% expect to take one car and the remaining 8% expect to take two cars. There are 77% of the respondents who have already identified an expected evacuation destination and 76% who have already planned which route they would use to evacuate.

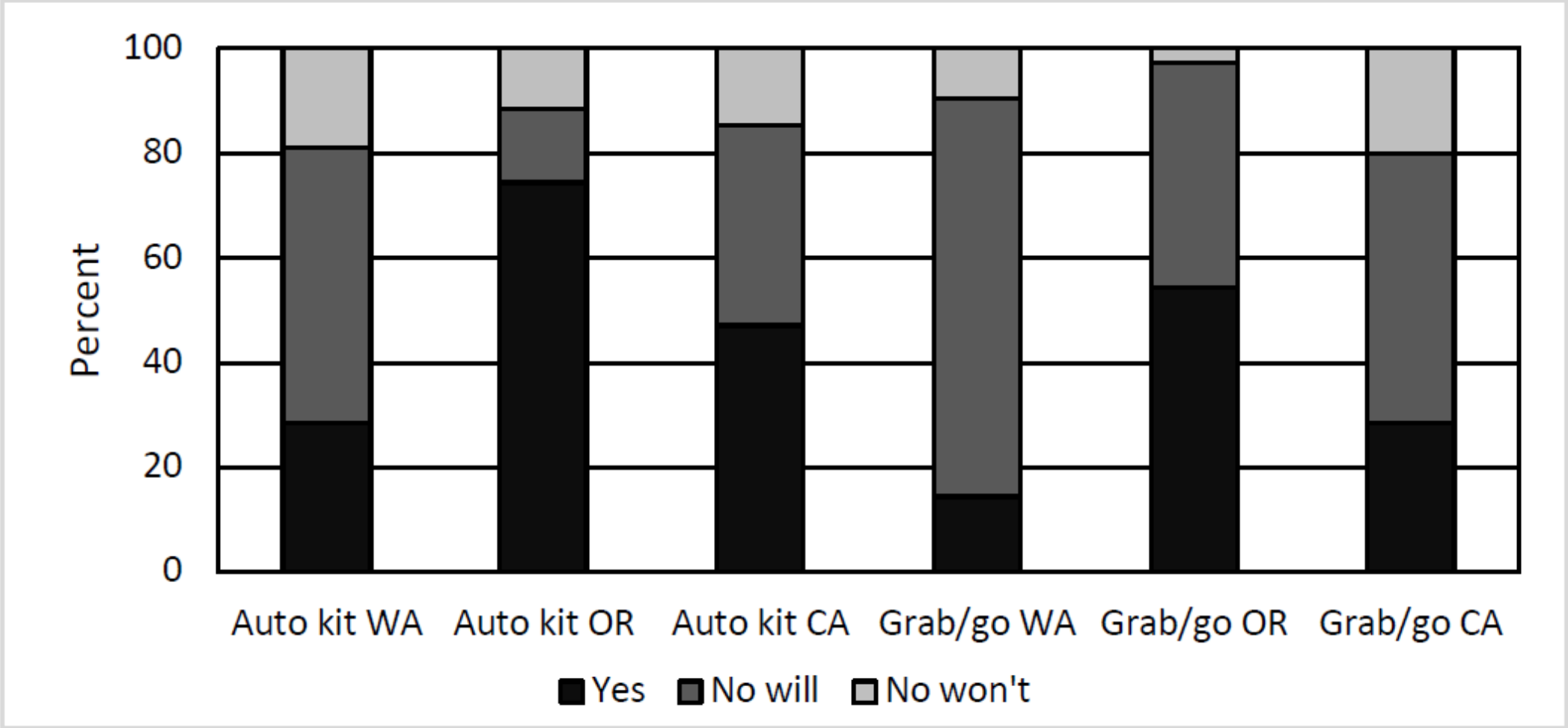
Over 80% of the respondents expect the first tsunami wave to arrive within 15 minutes after earthquake shaking stops, over 95% expect the first wave within 30 minutes, and almost all expect it within 60 minutes.

**Figure 9. Actual and expected participation in following official evacuation routes.**





**Figure 11. Actual and expected possession of emergency preparedness items (continued).**



**Figure 12. Actual and expected possession of emergency kit contents.**

