20180125 - Subjective Probability Intervals

For each of the following numeric quantities, write down two intervals:

- a 50% interval: you think there is a 50% probability that the quantity lies in this interval
- a 90% interval: you think there is a 90% probability that the quantity lies in this interval

The person with the best calibrated intervals wins (for example, if 5 of your 50% intervals and 9 of your 90% intervals contain the truth, you're doing great).

1. In years, how old was the oldest woman to parachute from a plane? (as of 2013)

2. In feet, how tall is Godzilla in the original Japanese movie? (In case you don't think in feet, there are about 3.28 feet in 1 meter)

3. In what year was the very first email sent?

4. What percent of American adults volunteered at least once in the past year? (as of 2011)

5. In hours, what is the record for covering 23 miles on a pogo stick?

6. What percent of American adults average more than 8 hours of sleep per night?

7. How many people could be seated in the ancient Roman Colosseum?

8. The Hercules beetle can carry an object that is how many tims its own weight?

9. In what year did a woman first orbit the Earth?

10. What percent of Americans wash their hands after using a public restroom?