

## **Here are the questions from [2.1 An introduction to Bayesian statistics - Quiz]**

1. *Why is it reasonable to model the motion of the vehicles as random? (Chose one alternative)*

Optional Answers:

1. It is much easier than deterministically modelling when and how the driver presses the accelerator pedal or turns the steering wheel.
2. This way we can model typical vehicle motion as more probable than unreasonable manoeuvres.
3. By also describing observations statistically, we can determine how much we should trust new observations over our previous measurements.
4. All of the above.

2. *MUD Card:*

*Must Unclear Discussion or "Muddiest point of the lecture"*

Optional Answers:

3. *Which of the following statements are INCORRECT:*

Optional Answers:

1. Bayesian methods can be used to solve many types of decision making problems including estimation, detection and classification.
2. In Bayesian statistics we describe what we know about theta (the quantity of interest) before observing any measurements.
3. We can model the height of the Eiffel tower as random only if we think that there are many similar towers with different heights.

Thank You