

Here are the questions from [5.6 Measurement models - Quiz]

1. You have seen two examples of a measurement model. Which of the following statements are false regarding the measurement model?

Optional Answers:

1. For it to work in a filter it needs to be an exact representation of the observations!
2. It models how the observations relates to our state vector.
3. The measurement noise process should both describe the noise in our observations as well as uncertainty due to model simplifications.
4. It is only a model and will never be exact! We should strive to make it sufficiently accurate and to try to capture our uncertainty well!

Thank You