

✔ Congratulations! You passed!

Grade received 100%

Latest Submission Grade 100%

To pass 80% or higher

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1. If the Maximum Likelihood Estimate of the mean of a likelihood distribution that is normally distributed is 5, what is the Maximum Aposteriori Estimate for the same for a uniform prior? **1 / 1 point**
- ☒ 5
- ☐ 10
- ☒ **Correct**
2. One of the concerns with using a histogram is the choice of bin width that needs to be empirically determined **1 / 1 point**
- ☒ True
- ☐ False
- ☒ **Correct**
3. Large bin widths result in spiky distributions **1 / 1 point**
- ☐ True
- ☒ False
- ☒ **Correct**

4. The choice of bin placement can change what a histogram looks like

1 / 1 point

☒ True

☐ False

☒ Correct

5. Kernel Density Estimation does not depend on bin width

1 / 1 point

☒ True

☐ False

☒ Correct

6. The width of the kernel in KDE has an impact on the shape of the distribution represented by the KDE

1 / 1 point

☒ True

☐ False

☒ Correct