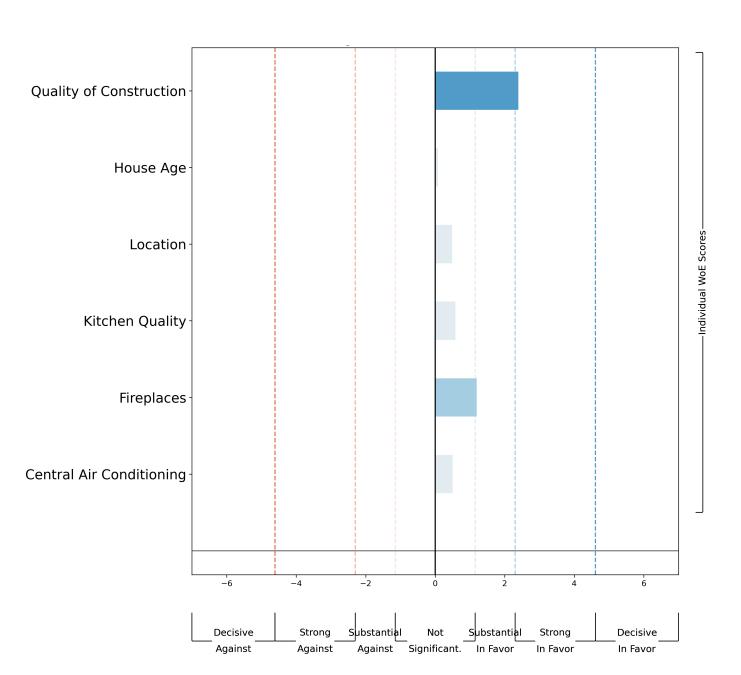House features:

1. Quality of Construction: 5 out of 10 (10 is the best score)
2. House Age: 58 years
3. Location: 2 out of 4 (4 is the best score)
4. Kitchen Quality: Not good
5. Fireplaces: 2
6. Central Air Conditioning: Available

Using the below evidence of a hidden decision aid's prediction (low/medium/high), assign the likelihood for each option (Low, Medium, High) where 100 is the most likely, 0 is the least likely. Please total the choices to 100. You will not be able to continue unless you do so.

Answer: We don't know about the decision aid's prediction, we can only see its evidence. Looking at the evidence provided, the evidence is positive in all features, which shows that they all support this prediction. Especially, the quality of construction and fireplaces significantly support this prediction. As in the house features provided, the quality of construction is average and we have 2 fireplaces. Therefore, we can argue that this prediction cannot be *high* because of the quality of construction. Also, we have a house age of 58 years, and the evidence of the hidden prediction says that the house age doesn't significantly support this prediction. So this prediction cannot be *low* because if it was low, we could have a stronger evidence in house age and also negative evidence in the number of fireplaces.

Therefore, we can set **medium** with the highest likelihood and this is the decision aid's prediction and also the correct answer.