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# Is the MLB Picking the Right Umpires for the World Series?

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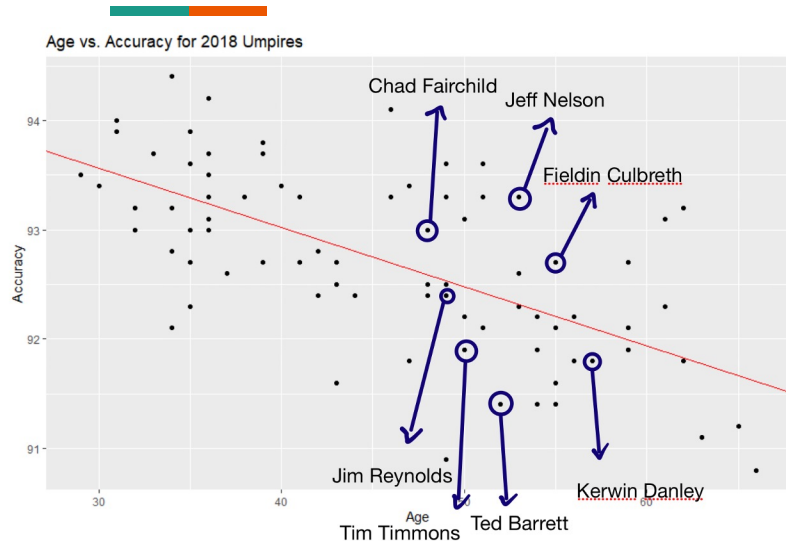


**Hypothesis: The MLB is not picking the right umpires for the World Series: The umpires that they are picking are too old.**

Accuracy vs Consistency

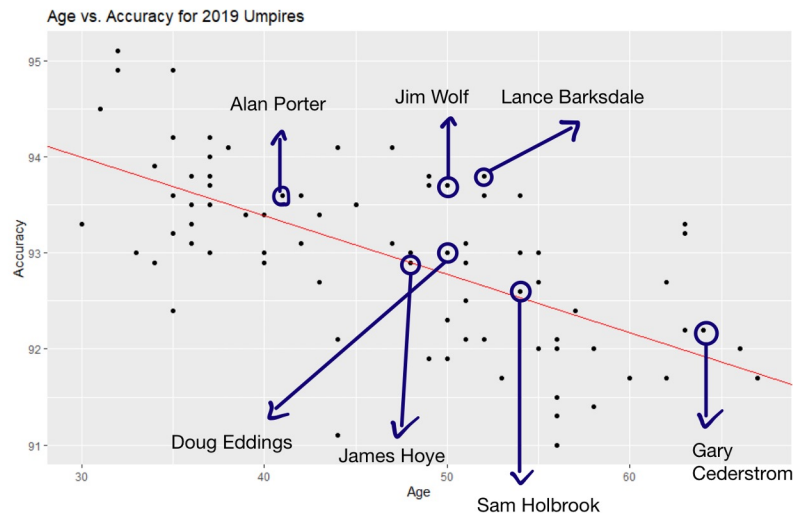


# Age vs Accuracy for 2018 - 2019 Umpires



2018 age vs accuracy  $r = -0.647$

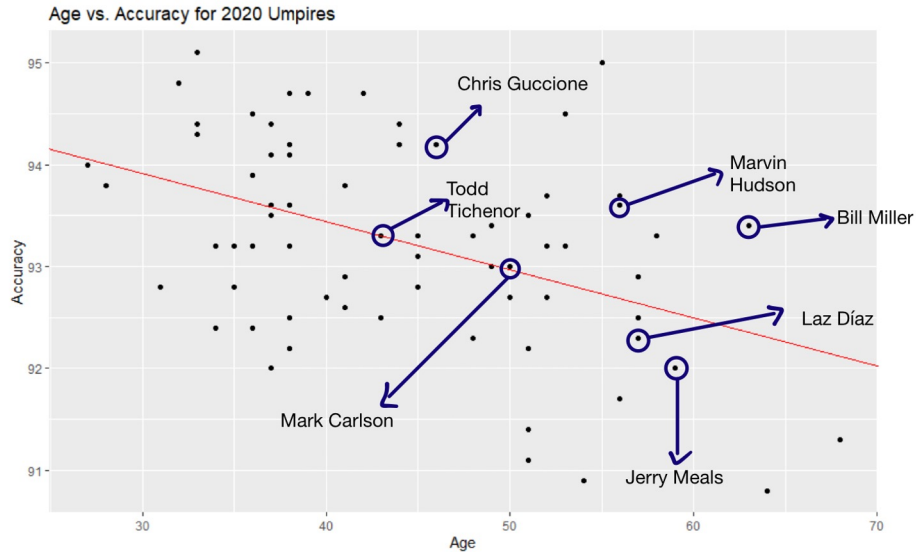
2018 Average Z Score for WS Umps: -0.429



2019 age vs accuracy  $r = -0.650$

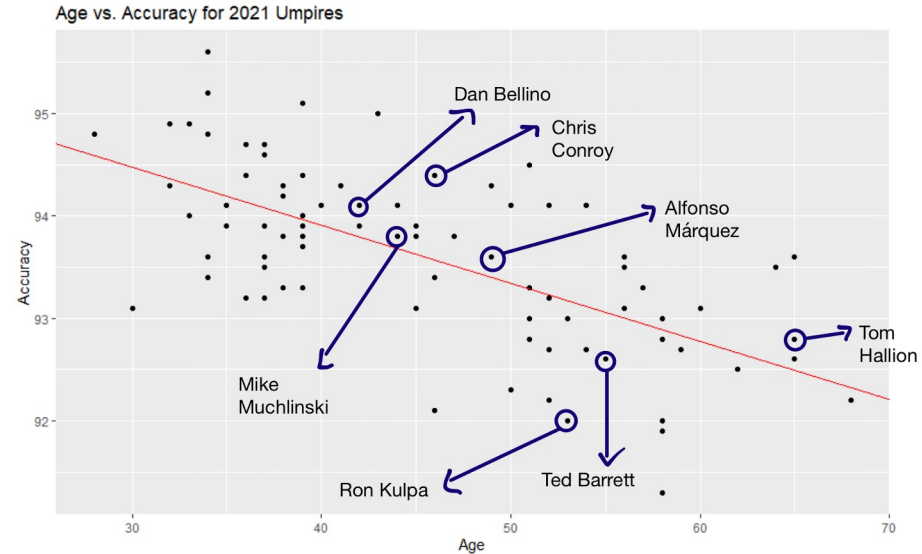
2019 Average Z Score for WS Umps: 0.144

# Age vs Accuracy for 2020 - 2021 Umpires



2020 age vs accuracy  $r = -0.443$

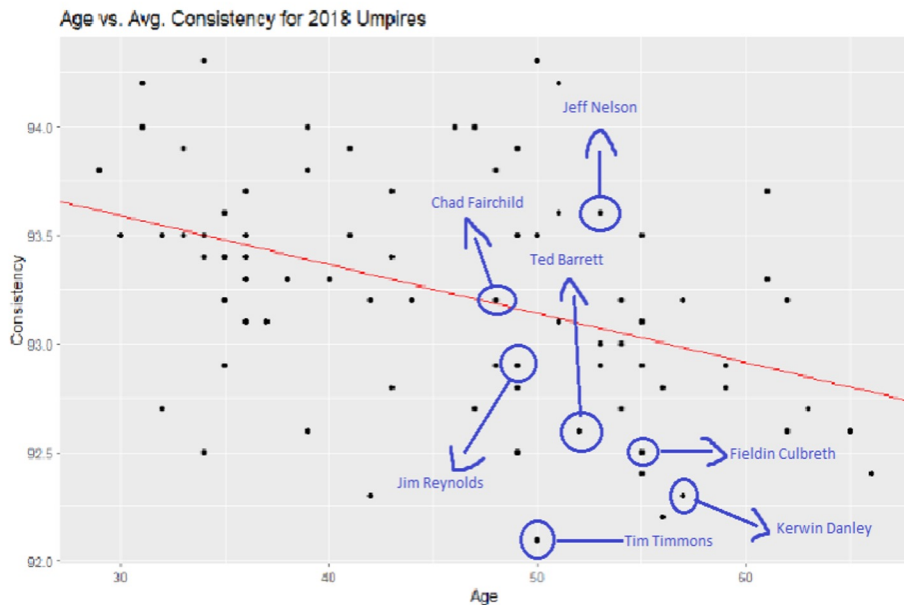
2020 Average Z Score for WS Umps: -0.127



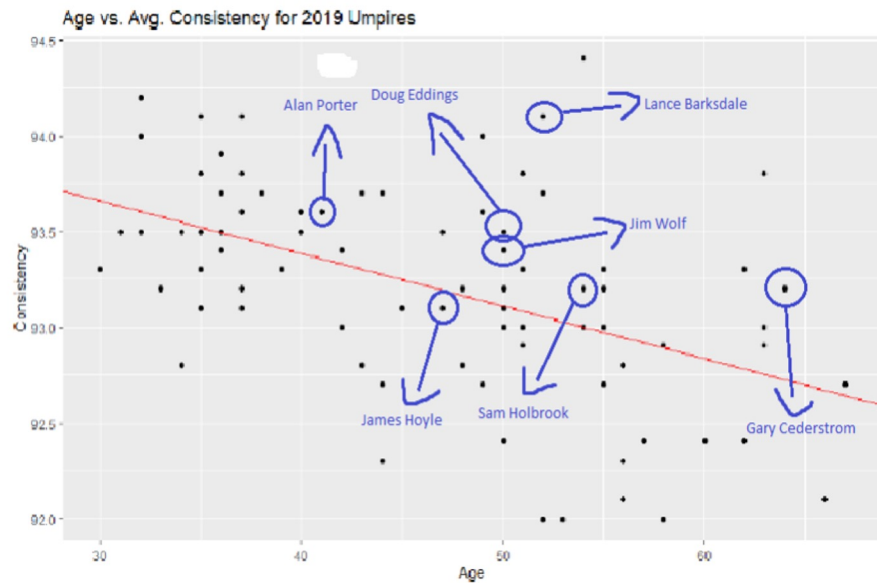
2021 age vs accuracy  $r = -0.649$

2021 Average Z Score for WS Umps: -0.302

# Age vs Consistency for 2018 - 2019 Umpires

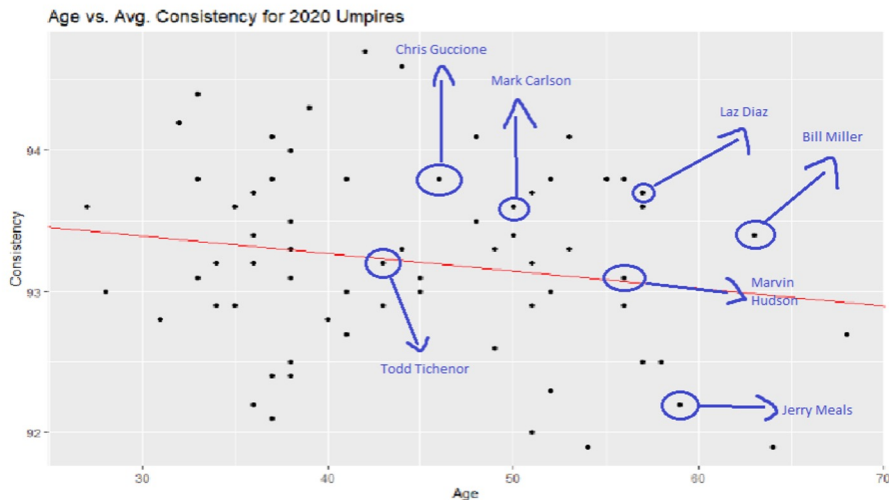


2018 Age vs Consistency:  $R = -0.420$   
2018 Average Z Score for WS Umps: -0.931

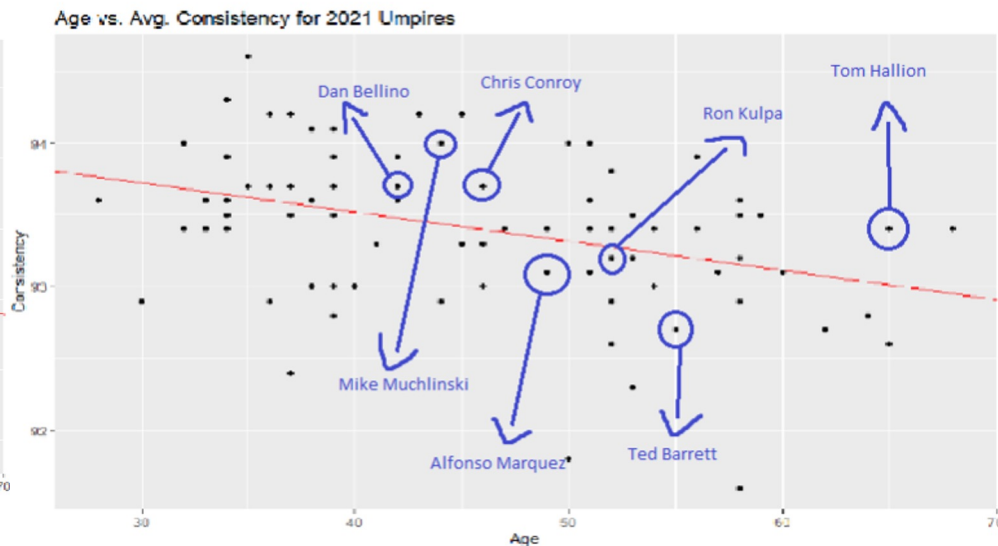


2019 Age vs Consistency:  $R = -0.493$   
2019 Average Z Score for WS Umps: -0.159

# Age vs Consistency for 2020 - 2021 Umpires



2020 Age vs Consistency:  $R = -0.177$   
2020 Average Z Score for WS Umps: -0.150



2021 Age vs Consistency:  $R = -0.375$   
2021 Average Z Score for WS Umps: -0.138

## Conclusion

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While older umpires might still be fairly consistent, overall older umpires are less accurate and should not be chosen for the World Series just because of their “experience”

