

# Colors in Art History

WHAT CAN THE COLORS OF A PAINTING  
TELL ABOUT IT'S TIME CONTEXT?

A COMPUTER VISION APPROACH

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subject: Computer Vision  
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# Expected results

"THE PAINTING SEEM TO BE FROM THE  
PERIOD BETWEEN 1660 AND 1819"



PETER THE GREAT (1672–1725)

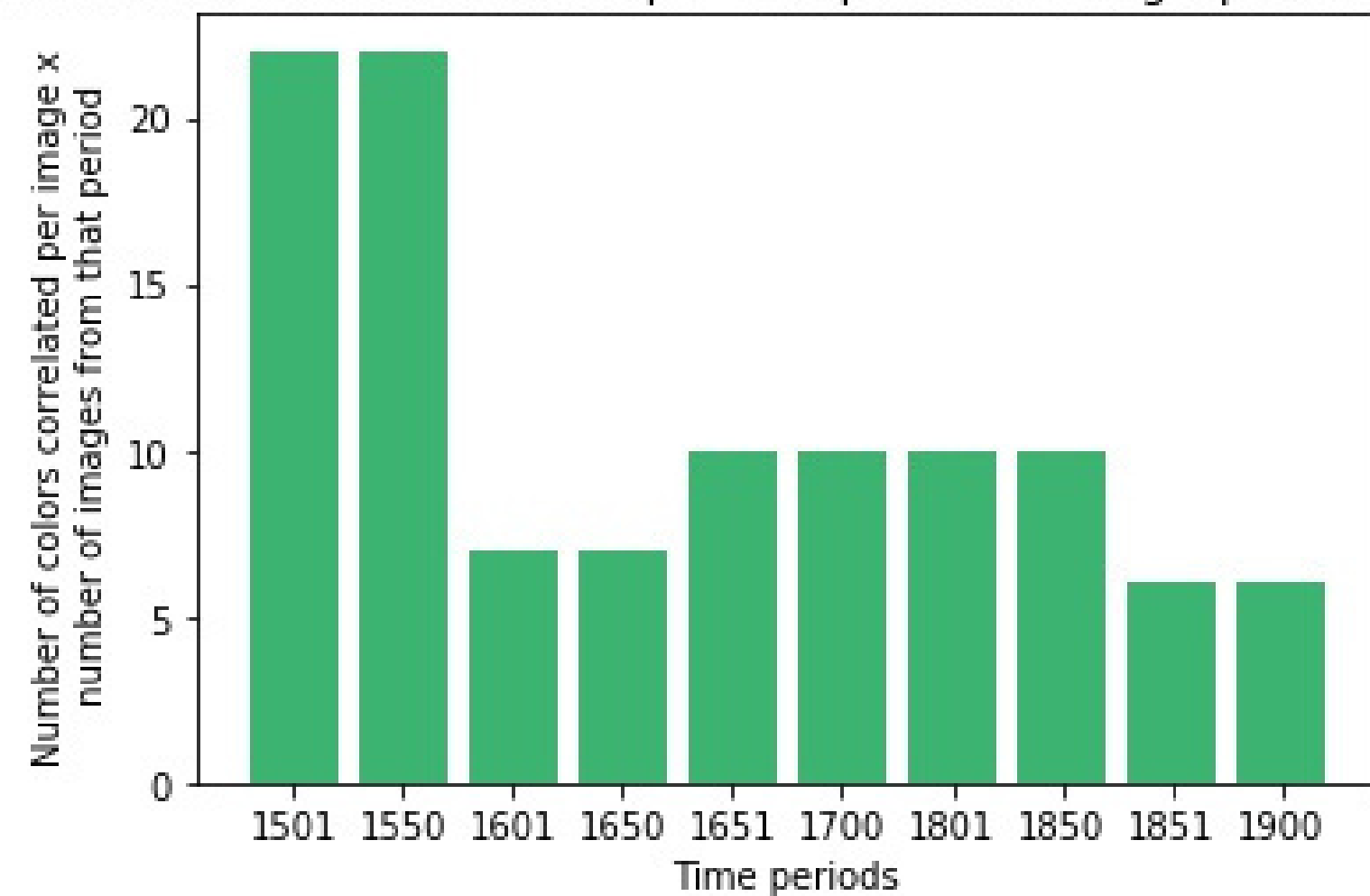
# Results



PETER THE GREAT (1672–1725)



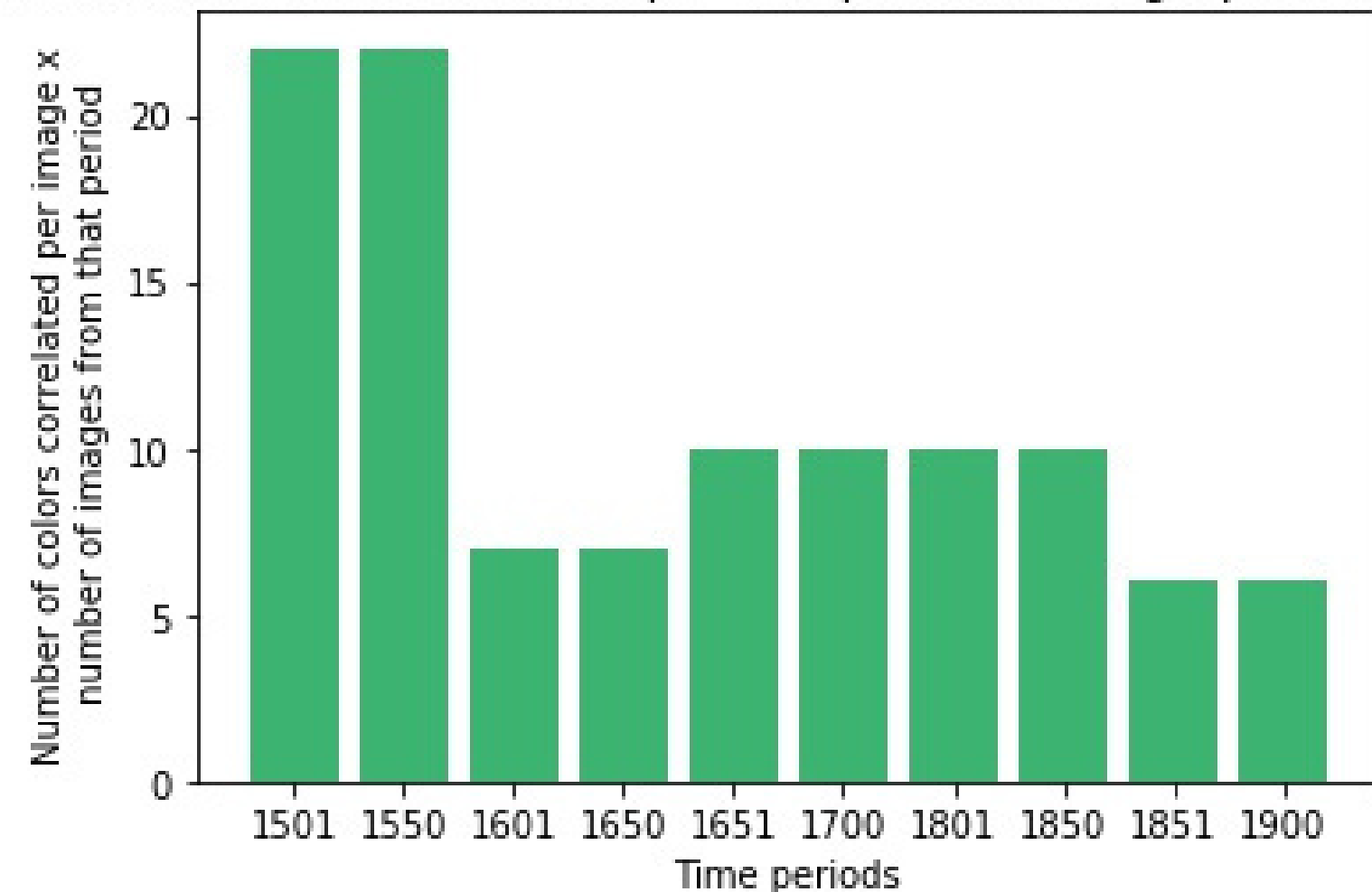
Distribution of color correlation per time period for image 'painting/0068.jpg'



# Comparison

"THE PAITING SEEM TO BE  
FROM THE PERIOD  
BETWEEN 1660 AND  
1819"

Distribution of color correlation per time period for image 'painting/0068.jpg'



# Another example

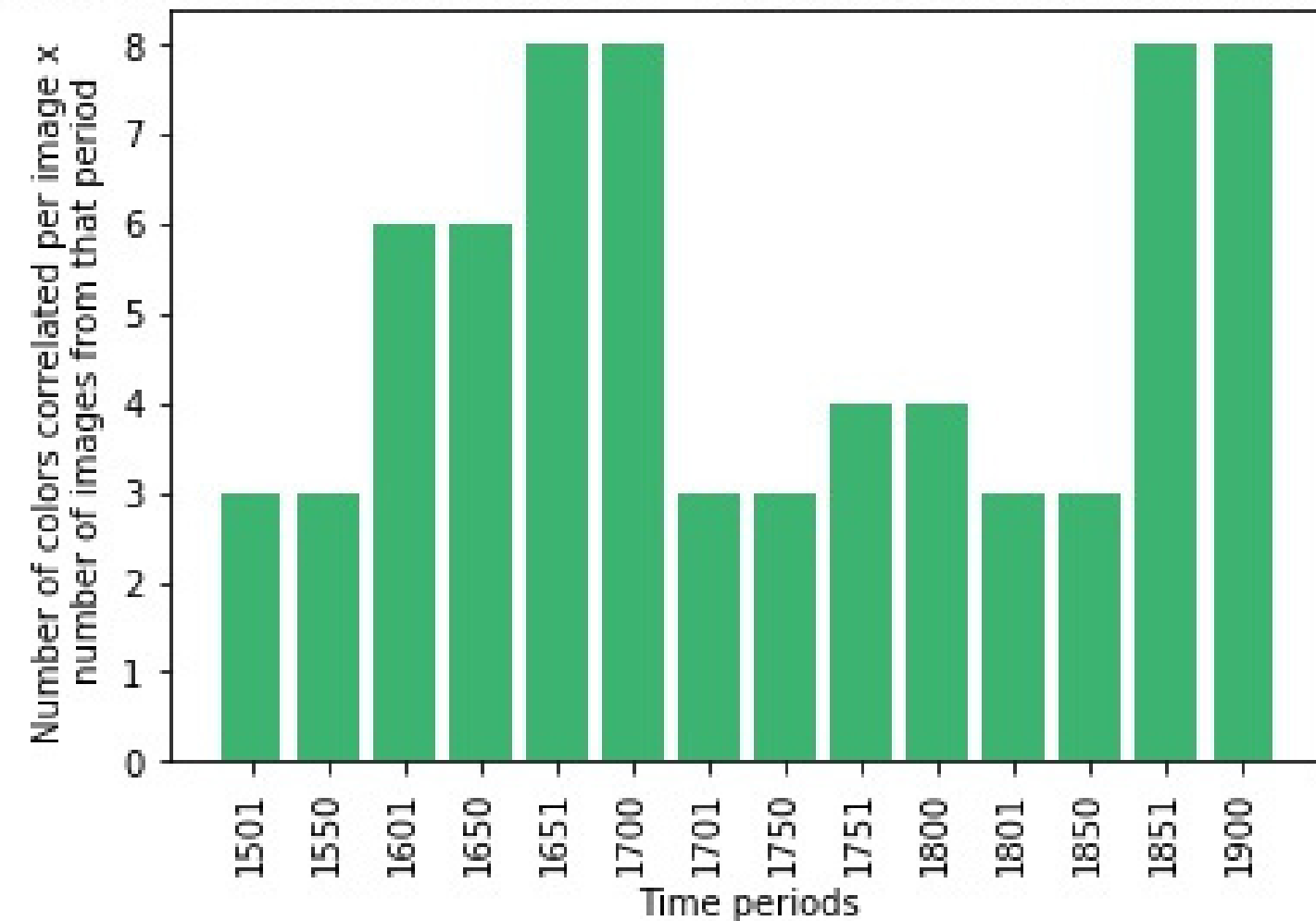


YOUTH. MORNING - ARKADY PLASTOV  
(1953-1954)

# Results



Distribution of color correlation per time period for image 'painting/2333.jpg'



YOUTH. MORNING - ARKADY PLASTOV  
(1953-1954)

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# Conclusion

ART ANALYSIS IS A COMPLICATED SUBJECT, WITH MULTIPLE  
VARIABLES AND NUANCES HARD TO PREDICT THROUGH  
MACHINE ALGORITHMS. THE USE OF ONLY ONE PARAMETER (FOR  
EXAMPLE IN THIS WORK, COLOR) CAN GIVE US A STARTING POINT  
BUT IS FAR FROM AN IDEAL RESPONSE

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