George Mason University NGA DatathonTeam



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Art History
Computational Social Sciences



Gautham Vadekkaptt
Marketing



Laurie Meamber
Marketing

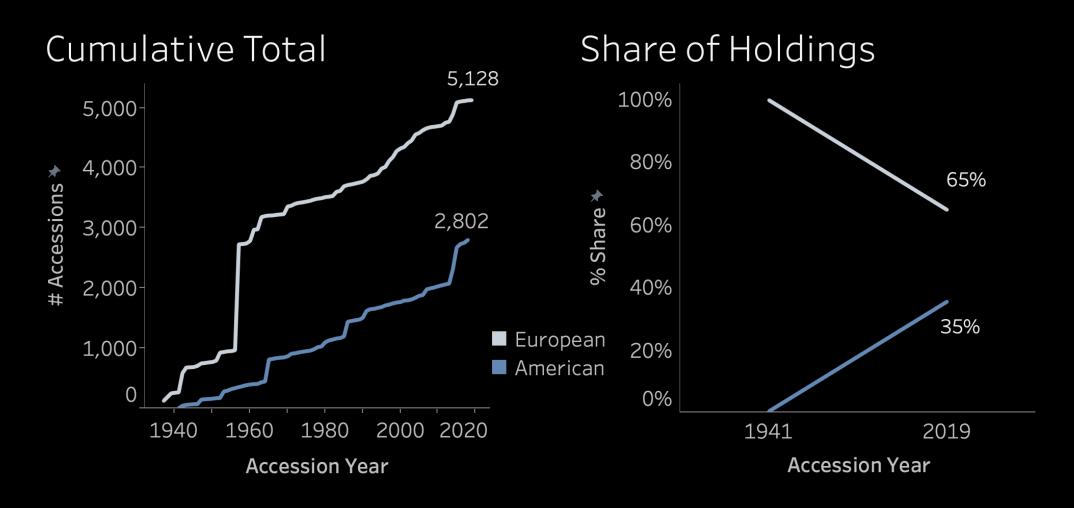


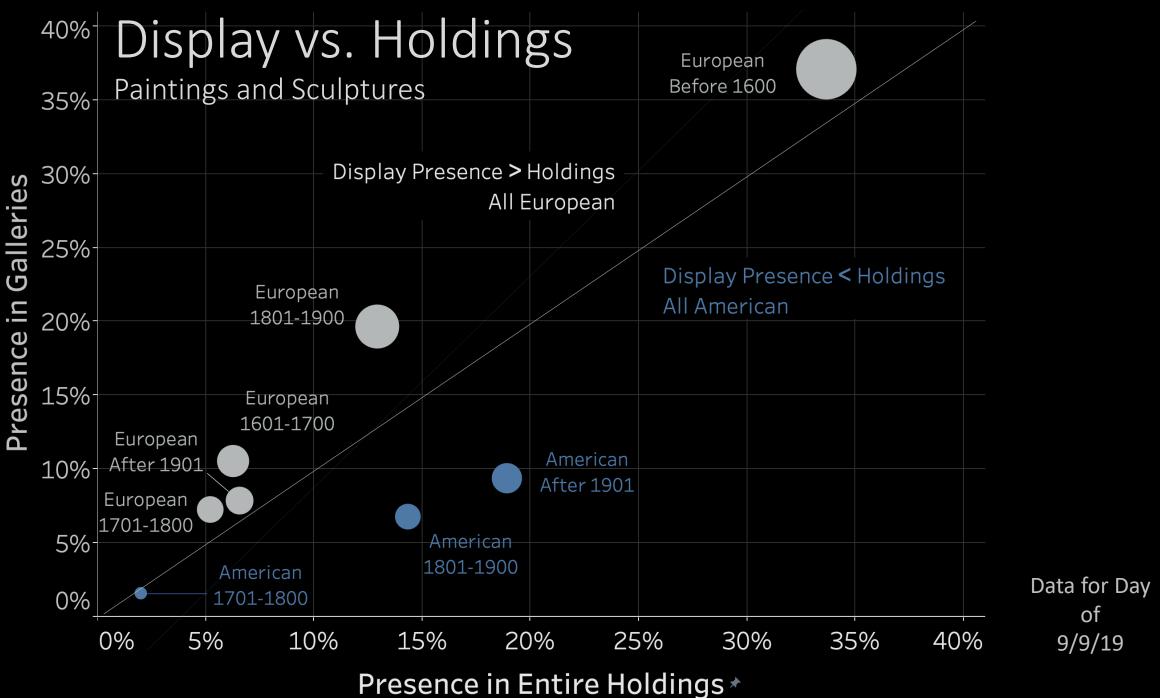
"The National Gallery of Art needs to both reflect America and attract America"

Kaywin Feldman NGA Director

NGA Accessions and Share of Holdings

Paintings and Sculptures





Top 100 Artists by Engagement Score (Wikipedia Views)

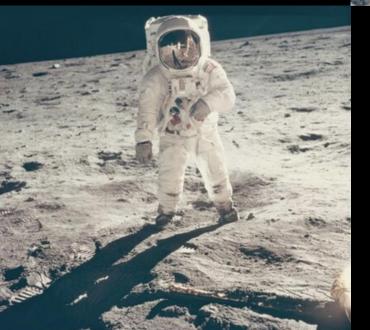




Leonardo Da Vinci

Florentine, 1452 – 1519 Ginevra de' Benci c. 1474/1478

Artist Engagement Score: 17.1M

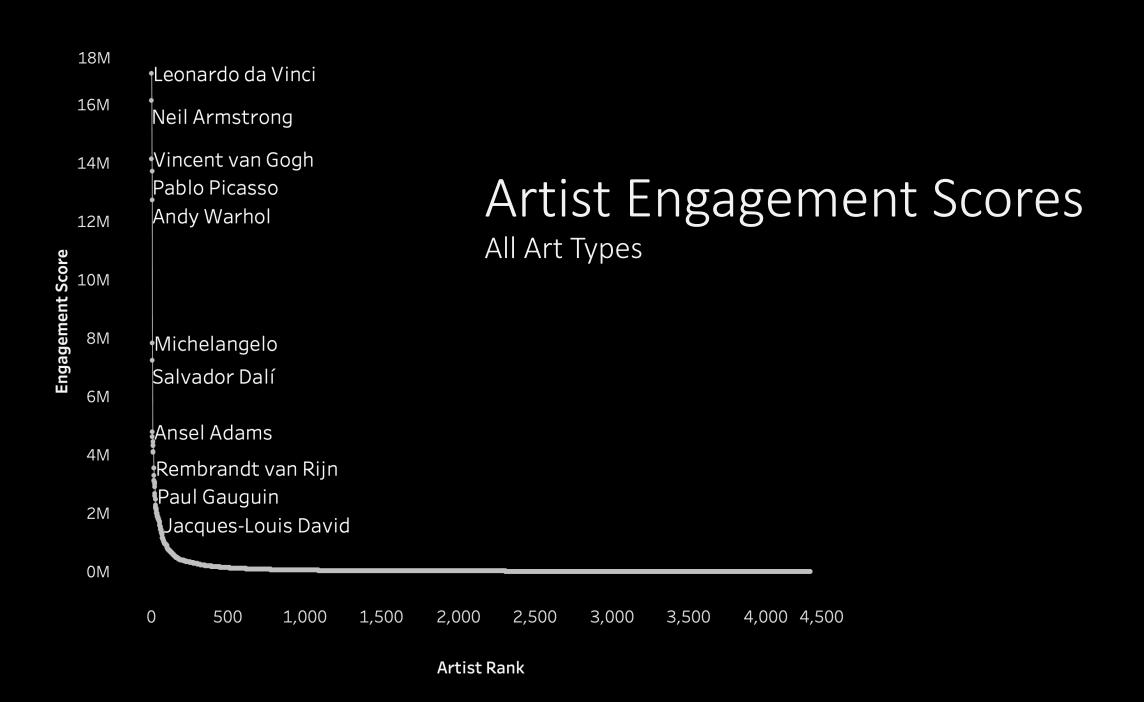




Neil Armstrong

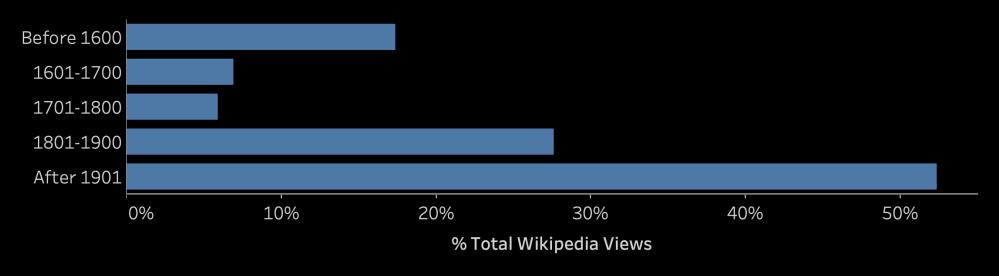
American, 1930 – 2012 Buzz Aldrin, Moon Walk Reflection Buzz Aldrin Poses With Flag July 20, 1969

Artist Engagement Score: 16.2M



NGA Artist Engagement Score by Timespan

Just Paintings and Sculptures



1801-1900

After 1901



Giorgio Morandi Thomas Eakins Barbara Hepworth Chuck Close Francis Bacon Jean Dubuffet Laszlo Morboly-Nagy Augustus Saint-Gaudens Thomas Hart Benton Lee Kräsner Odilon Redon (Max Ernst Auguste Rodin Paul Cézanne Louise Bourgeois Jasper Johns Edward Hopper Paul Klee Frank Stella Barbara Kruger

Joan Miró Andy Goldsworthy Marcel Duchamp Giorgio De Chirico René Magritte Andrew Wyeth

Jim Dine Fernand Léger Georgia O'Keeffe Gerhard Richter Paul Gauguin Jenny Holzer Mark Rothko Jackson Pollock

Claude Monet Cy Twombly Pablo Picasso Grant Wood Andy Warhol

Juan Gris Jean Arp Gustav Klimt Wassily Kandinsky Egon Schiele Salvador Dalí Henri Matisse

Roy Lichtenstein Piet Mondrian Amedeo Modigliani

André Derain Henry Moore Frederic Remington

Anselm Klefer Oskar Schlemmer Joseph Cornell Willem de Kooning Josef Albers

SolleWitt Nam June Palk Georges Braque Richard Serra

Louise Baurgett Laszlo Mohorly-Nagy Augustus Saint-Gaudens Thomas Hart Benton Lee Kräsner

Ernst Ludwig Kirchner Isamu Noguchi Claes Oldenburg

Jasper Johns Edward Hopper Paul Klee

Barnett Newman Pierse Bonnard Andrew Wyeth

Jasper Johns Edward Hopper Paul Klee

Frenzent Legen Kandre Wyeth

Jasper Johns Edward Hopper Paul Klee

Andre Wyeth Jasper Johns Edward Hopper Paul Klee

Fernand Léger Magritte Andrew Wyeth

Jasper Johns Edward Hopper Paul Klee

Frenzent Newman Pierse Bonnard Andrew Wyeth

Barnett Newman Pierse Bonnard Andrew Wyeth

Jasper Johns Edward Hopper Paul Klee

Frenzent Newman Pierse Bonnard Andrew Wyeth

Jasper Johns Edward Hopper Paul Klee

Frenzent Newman Pierse Laszlo Mondre Paul Klee

Frederic Remington Andrew Wyeth

Andre Desain Henry Moore Paul Klee

Frederic Remington Andre Paul Klee

Andre Desain Henry Beard Series Saint Wyen Thiebaud Alexander Calder Mary Cassatt

Winslow Horner Helen Frankenthaler Franz Kline

Frederic Remington Henry Ossawa Tanner

Palazzo Strozzi

National Gallery of Art

Verrocchio, Master of Leonardo

Verrocchio: Sculptor and Painter of Renaissance Florence





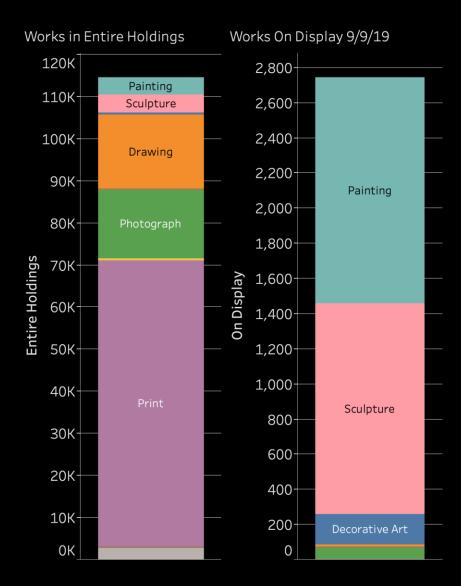
"The National Gallery of Art needs to both reflect America and attract America"

Kaywin Feldman NGA Director

http://bit.ly/GMU-NGA

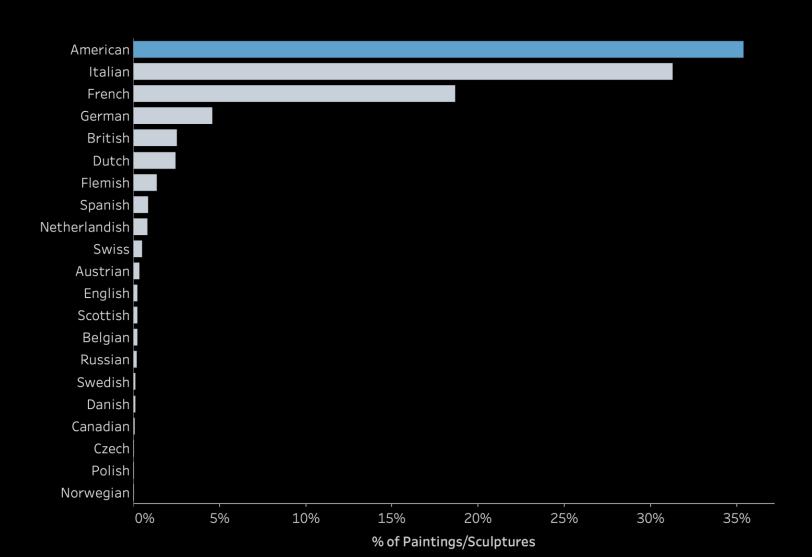
Backup Slides

What is Collected vs. What is Displayed



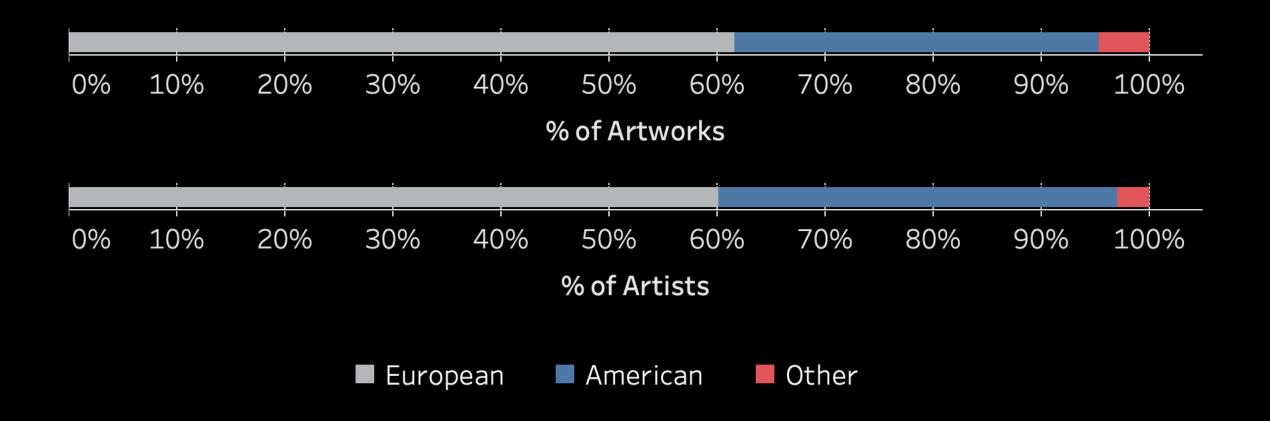
American Works Lead by Specific Nationality

Just Paintings and Sculptures



American/Europeans Dominate NGA Collection

Just Paintings and Sculptures



World Consensus on Top Artist Ranking

http://bit.ly/GMU-NGA

Introduction NGA Collections
Exploratory Dash

NGA Collections NGA Artis Exploratory Dashboard Explorato

NGA Artist Popularity Is the NGA more Exploratory Dashboard conservative?

Does the world agree on artist popularity?

Does the world agree on museum popularity?

Signifi not in Collect

Do People Around the World Agree on the Most Famous Painters/Scuptors?

This chart compares artist popularity ranking across different Wikipedia languages. Popularity (engagement score) is determined by the number of page views each artist received between 7/1/15 and 9/9/19 (over 765M total page views).

Artists are then placed in the same order for each line based on their descending Total Popularity Rank (top line). The circle for the artist is then sized according to the artist's rank for that language (the bigger the circle, the higher the rank (less views).

The resulting visualization makes it easy to pick out situations where an artist got a higher rank in a particual Wikipedia project than the artist's overal ranking. The less "lumpy" the distribution, the greater that language's distribution agrees with the overall artist rank distribution for the world.

What we see is a remarkable agreement among the different Wikipedia languages in which artists make it into top 10% of popularity (as measured by Wikipedia page views).

Hover over the circles below to learn more

