

National Gallery of Art

Data Visualization Review

Sarah Bacharach

Beyond the Canvas

Beyond the Canvas - Size and Sensibility

Sarah Bacharach

Description

The golden ratio, a mathematical concept represented as 1.618, has been employed by artists for centuries. It's use often blurs the line between subconscious intuition and conscious design strategy. Explore and unveil recurring patterns and preferences in the application of this mathematical harmony.

Type: Quantitative

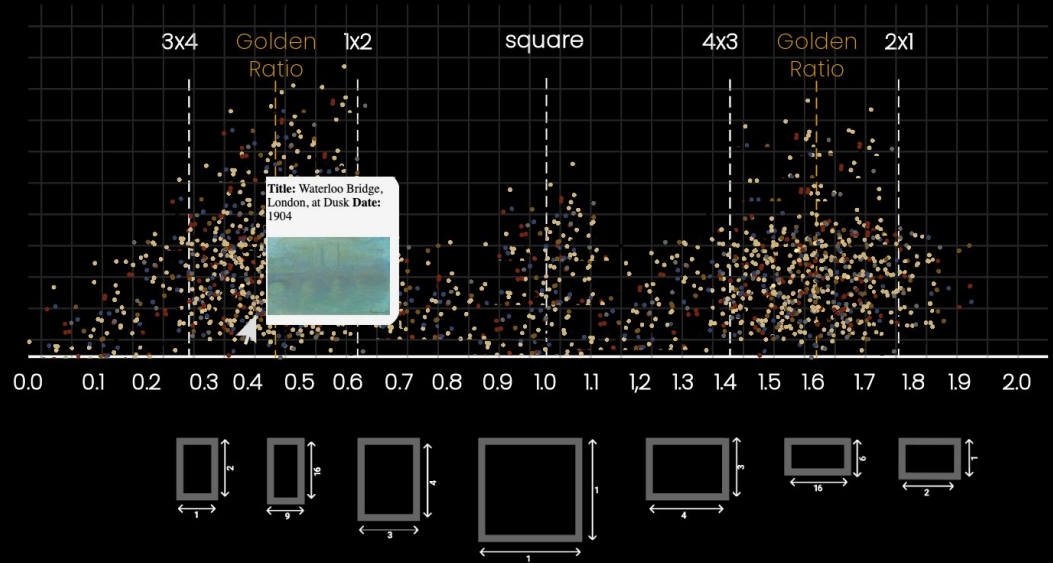
The data: dimensions w/o frame for all paintings in NGA archives

Size and Sensibility

Explore and unveil recurring patterns and preferences in the application of this mathematical harmony within the National Gallery of Art's collection

Painting Count: 3845

- ☒ Ancient Art (500-1200)
- ☒ Medieval Gothic (1200-1430)
- ☒ Italian Renaissance (1430-1510)
- ☒ Northern Renaissance (1510-1550)
- ☒ Mannerism (1550-1600)
- ☒ Baroque (1600-1705)
- ☒ Rococo (1705-1750)
- ☒ Neoclassicism (1750-1805)
- ☒ Romanticism (1805-1850)
- ☒ Realism (1850-1899)
- ☒ Modern Art (1899-1960)
- ☒ Contemporary Art (1960-2023)



Beyond the Canvas - Hues of History

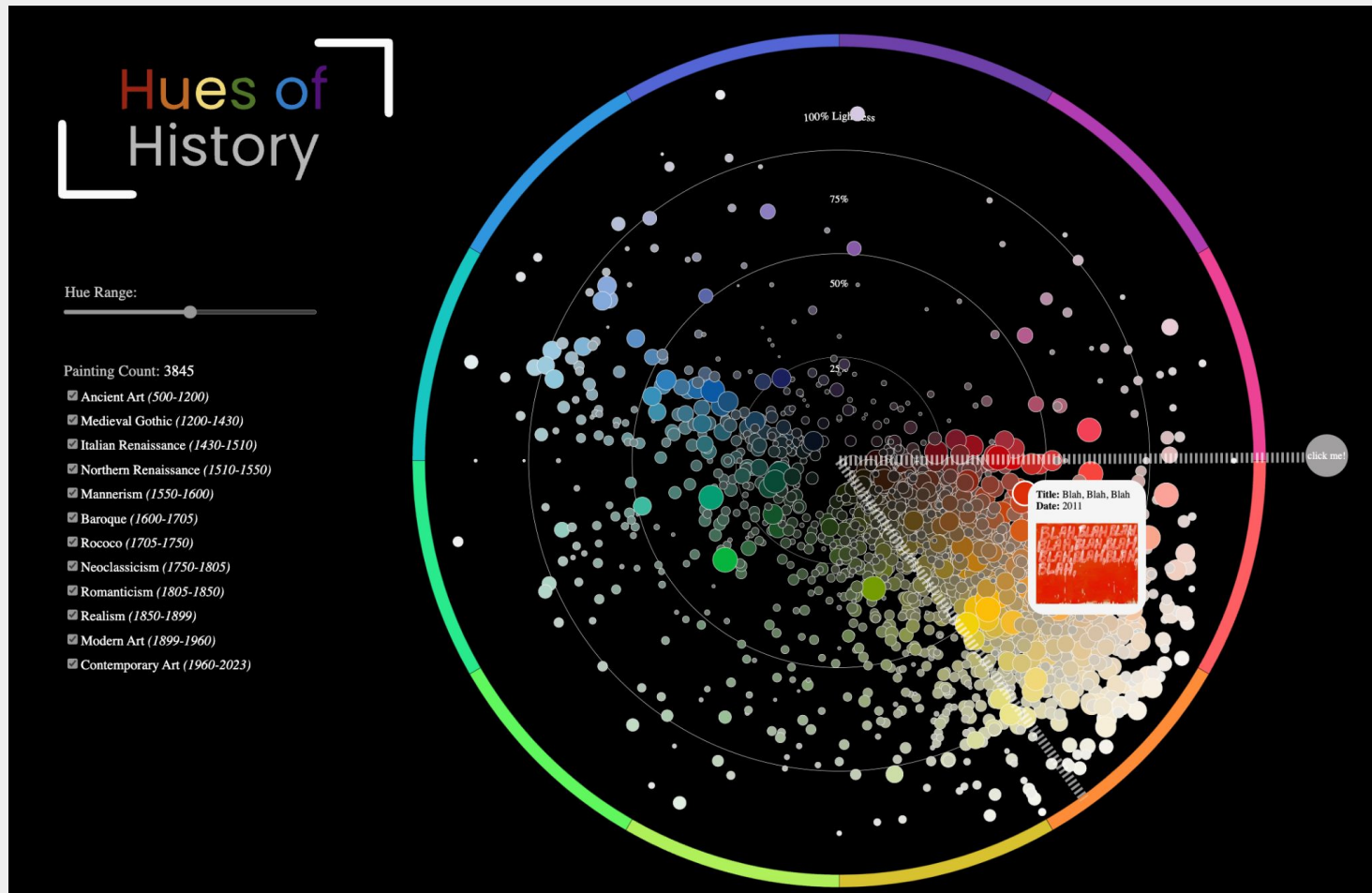
Sarah Bacharach

Description

Humans possess an innate connection to colors which can evoke profound emotional and psychological responses. Through this exploration, we seek to understand which colors are most prevalent and how they influence our attraction to art.

Type: Qualitative

The data: rgb, webcolors, HSL, from jpg URLs of all paintings in NGA archives (excluding ~30 due to broken links)



Beyond the Canvas: Hues of History

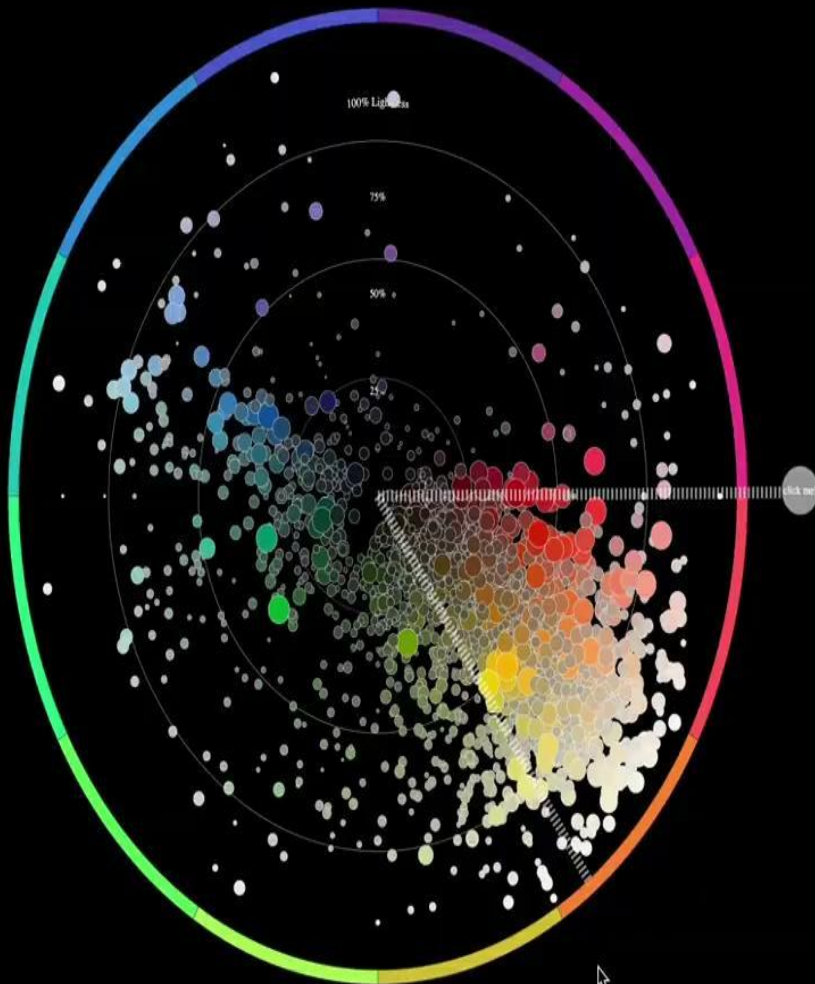
Hues of History

Hue Range:



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Current State

Hues of History

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