

Online Appendix for
Being Ranked in a Material World: The Visual Originality of an Artwork and Its
Effects on the Artist's Canonization

In this supplementary material we provide additional results using alternate settings for each ranking considered. A short description for each setting, variable and ranking is provided below.

Setting (Section Title):

- *Max Average Year* denotes the setting in which the focal artist maximum originality averaged through all artworks produced in a year is used for its representation.

Temporal Slicing (Section Title Suffix; if any):

- If not presented as section title suffix then no condition is applied for artworks produced in prior years.
- *(10 years)* denotes the setting in which for a focal artwork we computed the respective cosine distance to all prior artworks that were created at most 10 years before the focal artwork's creation year.
- *(20 years)* denotes the setting in which for a focal artwork we computed the respective cosine distance to all prior artworks that were created between 10 and at most 20 years before the focal artwork's creation year.
- *(50 years)* denotes the setting in which for a focal artwork we computed the respective cosine distance to all prior artworks that were created between 20 and at most 50 years before the focal artwork's creation year.
- *(100 years)* denotes the setting in which for a focal artwork we computed the respective cosine distance to all prior artworks that were created between 50 and at most 100 years before the focal artwork's creation year.
- *(More than 100 years)* denotes the setting in which for a focal artwork we computed the respective cosine distance to all prior artworks that were created at least 100 years before the focal artwork's creation year.

Dependent Variables (DVs):

The following 3 rankings in total are considered (we refer readers to the main manuscript for more details on these rankings):

1. Expert Selection System (aggregate of eBooks, Wikipedia Mentions, The New York Times, Google Ngram & Artfacts).
2. Peer Selection System.
3. Market Selection System (aggregate of Wikipedia Pageviews, Google Trends & Artprice).

Independent Variables (IVs):

- *VISUAL ORIGINALITY* denotes the maximum distance as obtained when comparing a focal artwork with prior artworks (according to the respective setting) without any stylistic movement restriction.
- *VISUAL ORIGINALITY (DOMINANT STYLE)* denotes the maximum distance as obtained when comparing a focal artwork with prior artworks according to the respective setting with style restriction (artworks that belong to the same stylistic movement as the focal artist's dominant style).

Control Variables (CVs):

- *CAREER STAGE* denotes the time period in the focal artist's career when the (setting-specific) maximum visual originality is reached (0 = career start; 1 = career end).
- *STYLE STAGE* denotes the time period in the focal artist's dominant stylistic movement when the (setting-specific) maximum visual originality is reached (0 = movement start; 1 = movement end).
- *GENDER* denotes the gender of the focal artist (male or female; binary).
- *ACTIVE YEARS* denotes the number of years between the focal artist's first and last dated artworks in WikiArt.
- *# OF STYLES* denotes the number of stylistic movements a focal artist is a member of.
- *# OF PAINTINGS* denotes the total number of paintings a focal artist has in the dataset.

Statistical Significance:

In the following tables the asterisk (*) character denotes the statistical significance for each of the IVs and CVs considered for each setting and ranking, with * denoting $p < 0.10$, ** denoting $p < 0.05$, *** denoting $p < 0.01$ and **** denoting $p < 0.001$.

Tables:

Table A1.1. shows the top 10 artists per ranking. Tables with prefix A2 show the results using the *Max Average Year* setting for each ranking.

Note. ♦ denotes Expert Selection System, ♣ Peer Selection System and ♠ Market Selection System.

A1 Rankings

Table A1.1. Top-10 artists per ranking collection.

| eBooks♦ | The New York Times♦ | Wikipedia Mentions♦ | Wikipedia Pageviews♣ | Google Ngram♦ | Google Trends♣ | Artfacts♦ | Artprice♣ | Expert Selection System♦ | Peer Selection System♣ | Market Selection System♣ |
|-------------------|---------------------|---------------------|----------------------|-------------------|-------------------|------------------|-------------------|--------------------------|------------------------|--------------------------|
| Michelangelo | Andy Warhol | Pablo Picasso | Winston Churchill | Titian | Vincent van Gogh | Andy Warhol | Pablo Picasso | Pablo Picasso | Vincent van Gogh | Pablo Picasso |
| Raphael | Michelangelo | Michelangelo | Leonardo da Vinci | Raphael | Pablo Picasso | Pablo Picasso | Andy Warhol | Andy Warhol | Rembrandt | Andy Warhol |
| Leonardo da Vinci | Roy Lichtenstein | Henri Matisse | Vincent van Gogh | Rembrandt | Salvador Dali | Bruce Nauman | Claude Monet | Jackson Pollock | Claude Monet | Claude Monet |
| Paul Cézanne | John Russell | Raphael | Pablo Picasso | Winston Churchill | Andy Warhol | Gerhard Richter | Gerhard Richter | Vincent van Gogh | Paul Cézanne | Salvador Dalí |
| Pablo Picasso | Willem de Kooning | Titian | Andy Warhol | Leonardo da Vinci | Leonardo da Vinci | Sol LeWitt | Roy Lichtenstein | Paul Klee | Henri Matisse | Wassily Kandinsky |
| Vincent van Gogh | Richard Serra | Jackson Pollock | Michelangelo | Michelangelo | Michelangelo | Man Ray | Marc Chagall | Man Ray | Albrecht Dürer | Henri Matisse |
| Claude Monet | Jackson Pollock | Paul Cézanne | Salvador Dalí | Joshua Reynolds | Claude Monet | Roy Lichtenstein | Joan Miró | Henri Matisse | Pablo Picasso | René Magritte |
| Rembrandt | David Smith | Rembrandt | Claude Monet | Tintoretto | Rembrandt | Marcel Duchamp | Willem de Kooning | Max Ernst | Edgar Degas | Marc Chagall |
| Edouard Manet | Sol LeWitt | Mark Rothko | Jackson Pollock | Donatello | Caravaggio | Richard Serra | Alexander Calder | Claude Monet | Pierre-Auguste Renoir | Vincent van Gogh |
| Edgar Degas | Frank Stella | Fernand Léger | Rembrandt | Le Corbusier | Wassily Kandinsky | Paul Klee | Henri Matisse | Mark Rothko | Camille Pissarro | Rembrandt |

A2.1 Max Average Year

Table A2.1.1. Expert Selection System♦

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|---------------------|----------------------|----------------------|---------------------|----------------------|----------------------|
| VISUAL ORIGINALITY | 0.741*** (0.091) | 0.628*** (0.088) | 0.515*** (0.087) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.776*** (0.100) | 0.463*** (0.108) | 0.286*** (0.107) |
| CAREER STAGE | | -0.059* (0.034) | -0.013 (0.034) | | -0.058* (0.034) | -0.005 (0.034) |
| STYLE STAGE | | -0.219*** (0.035) | -0.229*** (0.034) | | -0.194*** (0.038) | -0.224*** (0.037) |
| GENDER | | | -0.004 (0.033) | | | -0.007 (0.033) |
| ACTIVE YEARS | | | 0.230*** (0.052) | | | 0.255*** (0.053) |
| # OF STYLES | | | 0.005 (0.059) | | | 0.027 (0.060) |
| # OF PAINTINGS | | | 0.660*** (0.132) | | | 0.648*** (0.135) |
| N | | 942 | | | 941 | |
| Ranked | | 866 | | | 865 | |
| Ties | | 52 | | | 52 | |
| Log-Likelihood | -214.5 | -175.6 | -145.3 | -217.7 | -191.2 | -159.0 |
| AIC | 433.0 | 359.2 | 306.5 | 439.5 | 390.4 | 334.0 |
| BIC | 442.7 | 378.6 | 345.3 | 449.2 | 409.8 | 372.7 |
| R^2 | 0.066 | 0.140 | 0.194 | 0.060 | 0.111 | 0.170 |

Table A2.1.2. Peer Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|---------------------|----------------------|----------------------|---------------------|----------------------|----------------------|
| VISUAL ORIGINALITY | 0.405*** (0.066) | 0.304*** (0.063) | 0.136*** (0.045) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.580*** (0.071) | 0.303*** (0.075) | -0.029 (0.055) |
| CAREER STAGE | | -0.035 (0.024) | 0.011 (0.018) | | -0.036 (0.024) | 0.016 (0.018) |
| STYLE STAGE | | -0.201*** (0.024) | -0.170*** (0.018) | | -0.178*** (0.026) | -0.182*** (0.019) |
| GENDER | | | -0.059*** (0.017) | | | -0.060*** (0.017) |
| ACTIVE YEARS | | | 0.131*** (0.027) | | | 0.142*** (0.027) |
| # OF STYLES | | | -0.051* (0.031) | | | -0.046 (0.031) |
| # OF PAINTINGS | | | 1.846*** (0.069) | | | 1.864*** (0.070) |
| N | | 942 | | | 941 | |
| Ranked | | 894 | | | 893 | |
| Ties | | 86 | | | 86 | |
| Log-Likelihood | 91.3 | 148.4 | 466.4 | 104.7 | 144.7 | 462.0 |
| AIC | -178.7 | -288.8 | -916.7 | -205.5 | -281.4 | -908.0 |
| BIC | -169.0 | -269.4 | -877.9 | -195.8 | -262.0 | -869.2 |
| R^2 | 0.039 | 0.149 | 0.567 | 0.066 | 0.142 | 0.563 |

Table A2.1.3. Market Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|----------------------|-----------------------|-----------------------|----------------------|----------------------|-----------------------|
| VISUAL ORIGINALITY | 0.832**** (0.085) | 0.744**** (0.083) | 0.607**** (0.079) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.878**** (0.094) | 0.661**** (0.102) | 0.423**** (0.097) |
| CAREER STAGE | | -0.095*** (0.032) | -0.042 (0.031) | | -0.095*** (0.033) | -0.036 (0.031) |
| STYLE STAGE | | -0.153**** (0.033) | -0.153**** (0.031) | | -0.108*** (0.035) | -0.136**** (0.034) |
| GENDER | | | -0.011 (0.030) | | | -0.015 (0.030) |
| ACTIVE YEARS | | | 0.242**** (0.048) | | | 0.267**** (0.048) |
| # OF STYLES | | | -0.059 (0.053) | | | -0.033 (0.054) |
| # OF PAINTINGS | | | 1.073**** (0.120) | | | 1.041**** (0.124) |
| N | | 942 | | | 941 | |
| Ranked | | 941 | | | 940 | |
| Ties | | 68 | | | 68 | |
| Log-Likelihood | -153.1 | -120.3 | -54.7 | -157.0 | -138.1 | -74.1 |
| AIC | 310.2 | 248.7 | 125.5 | 318.1 | 284.2 | 164.2 |
| BIC | 319.9 | 268.1 | 164.3 | 327.8 | 303.6 | 202.9 |
| R^2 | 0.093 | 0.154 | 0.264 | 0.085 | 0.121 | 0.233 |

A2.2 Max Average Year (10 Years)

Table A2.2.1. Expert Selection System♦

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|---------------------|----------------------|----------------------|---------------------|----------------------|----------------------|
| VISUAL ORIGINALITY | 0.480*** (0.100) | 0.422*** (0.098) | 0.279*** (0.096) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.302*** (0.100) | 0.248** (0.097) | 0.044 (0.096) |
| CAREER STAGE | | -0.008 (0.037) | 0.035 (0.036) | | -0.002 (0.037) | 0.044 (0.036) |
| STYLE STAGE | | -0.204*** (0.038) | -0.239*** (0.037) | | -0.213*** (0.038) | -0.251*** (0.037) |
| GENDER | | | 0.004 (0.033) | | | 0.001 (0.033) |
| ACTIVE YEARS | | | 0.292*** (0.054) | | | 0.313*** (0.054) |
| # OF STYLES | | | 0.037 (0.060) | | | 0.029 (0.061) |
| # OF PAINTINGS | | | 0.724*** (0.135) | | | 0.734*** (0.136) |
| N | | 942 | | | 939 | |
| Ranked | | 866 | | | 863 | |
| Ties | | 52 | | | 52 | |
| Log-Likelihood | -235.4 | -209.1 | -167.3 | -242.2 | -215.1 | -171.5 |
| AIC | 474.9 | 426.2 | 350.7 | 488.5 | 438.2 | 359.0 |
| BIC | 484.6 | 445.6 | 389.5 | 498.2 | 457.6 | 397.8 |
| R^2 | 0.024 | 0.077 | 0.155 | 0.010 | 0.065 | 0.148 |

Table A2.2.2. Peer Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|---------------------|----------------------|----------------------|---------------------|----------------------|----------------------|
| VISUAL ORIGINALITY | 0.364*** (0.071) | 0.311*** (0.068) | 0.125** (0.049) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.411*** (0.070) | 0.363*** (0.067) | 0.061 (0.049) |
| CAREER STAGE | | -0.014 (0.026) | 0.028 (0.018) | | -0.012 (0.025) | 0.03 (0.018) |
| STYLE STAGE | | -0.186*** (0.026) | -0.178*** (0.019) | | -0.186*** (0.026) | -0.182*** (0.019) |
| GENDER | | | -0.055*** (0.017) | | | -0.056*** (0.017) |
| ACTIVE YEARS | | | 0.163*** (0.028) | | | 0.169*** (0.028) |
| # OF STYLES | | | -0.04 (0.031) | | | -0.042 (0.031) |
| # OF PAINTINGS | | | 1.859*** (0.069) | | | 1.856*** (0.070) |
| N | | 942 | | | 939 | |
| Ranked | | 894 | | | 891 | |
| Ties | | 86 | | | 86 | |
| Log-Likelihood | 85.5 | 131.4 | 463.8 | 89.5 | 135.5 | 461.4 |
| AIC | -167.0 | -254.7 | -911.7 | -175.1 | -263.0 | -906.7 |
| BIC | -157.3 | -235.3 | -872.9 | -165.4 | -243.6 | -867.9 |
| R^2 | 0.027 | 0.117 | 0.564 | 0.035 | 0.125 | 0.562 |

Table A2.2.3. Market Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|---------------------|----------------------|----------------------|---------------------|----------------------|----------------------|
| VISUAL ORIGINALITY | 0.689*** (0.094) | 0.647*** (0.092) | 0.475*** (0.087) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.587*** (0.093) | 0.547*** (0.092) | 0.296*** (0.088) |
| CAREER STAGE | | -0.014 (0.035) | 0.034 (0.032) | | -0.008 (0.035) | 0.042 (0.033) |
| STYLE STAGE | | -0.148*** (0.036) | -0.174*** (0.034) | | -0.156*** (0.036) | -0.186*** (0.034) |
| GENDER | | | -0.002 (0.030) | | | -0.006 (0.031) |
| ACTIVE YEARS | | | 0.290*** (0.049) | | | 0.306*** (0.050) |
| # OF STYLES | | | -0.017 (0.055) | | | -0.019 (0.055) |
| # OF PAINTINGS | | | 1.134*** (0.122) | | | 1.110*** (0.125) |
| N | | 942 | | | 939 | |
| Ranked | | 941 | | | 938 | |
| Ties | | 68 | | | 68 | |
| Log-Likelihood | -172.4 | -155.6 | -77.9 | -179.3 | -162.1 | -87.0 |
| AIC | 348.8 | 319.1 | 171.9 | 362.7 | 332.1 | 190.1 |
| BIC | 358.5 | 338.5 | 210.7 | 372.4 | 351.5 | 228.9 |
| R^2 | 0.055 | 0.088 | 0.226 | 0.041 | 0.075 | 0.211 |

A2.3 Max Average Year (20 Years)

Table A2.3.1. Expert Selection System♦

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| VISUAL ORIGINALITY | 0.562**** (0.079) | 0.439**** (0.077) | 0.339**** (0.075) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.553**** (0.068) | 0.373**** (0.071) | 0.244**** (0.070) |
| CAREER STAGE | | -0.049 (0.036) | -0.017 (0.035) | | -0.048 (0.036) | -0.015 (0.035) |
| STYLE STAGE | | -0.222**** (0.037) | -0.235**** (0.036) | | -0.198**** (0.038) | -0.225**** (0.038) |
| GENDER | | | -0.001 (0.033) | | | -0.009 (0.033) |
| ACTIVE YEARS | | | 0.258**** (0.052) | | | 0.265**** (0.052) |
| # OF STYLES | | | 0.041 (0.059) | | | 0.022 (0.059) |
| # OF PAINTINGS | | | 0.639**** (0.133) | | | 0.618**** (0.134) |
| N | | 942 | | | 934 | |
| Ranked | | 866 | | | 858 | |
| Ties | | 52 | | | 52 | |
| Log-Likelihood | -221.9 | -183.7 | -148.9 | -214.9 | -185.8 | -152.9 |
| AIC | 447.8 | 375.3 | 313.8 | 433.8 | 379.7 | 321.9 |
| BIC | 457.5 | 394.7 | 352.6 | 443.5 | 399.1 | 360.7 |
| R^2 | 0.052 | 0.126 | 0.188 | 0.066 | 0.121 | 0.181 |

Table A2.3.2. Peer Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| VISUAL ORIGINALITY | 0.431**** (0.056) | 0.326**** (0.054) | 0.165**** (0.039) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.421**** (0.048) | 0.264**** (0.049) | 0.044 (0.036) |
| CAREER STAGE | | -0.028 (0.025) | 0.004 (0.018) | | -0.027 (0.025) | 0.008 (0.018) |
| STYLE STAGE | | -0.196**** (0.026) | -0.168**** (0.019) | | -0.181**** (0.027) | -0.176**** (0.019) |
| GENDER | | | -0.058**** (0.017) | | | -0.060**** (0.017) |
| ACTIVE YEARS | | | 0.137**** (0.027) | | | 0.147**** (0.027) |
| # OF STYLES | | | -0.038 (0.030) | | | -0.045 (0.031) |
| # OF PAINTINGS | | | 1.821**** (0.068) | | | 1.833**** (0.069) |
| N | | 942 | | | 934 | |
| Ranked | | 894 | | | 886 | |
| Ties | | 86 | | | 86 | |
| Log-Likelihood | 101.7 | 156.5 | 477.7 | 109.3 | 152.5 | 469.4 |
| AIC | -199.4 | -305.0 | -939.4 | -214.5 | -297.1 | -922.8 |
| BIC | -189.7 | -285.6 | -900.6 | -204.9 | -277.7 | -884.0 |
| R^2 | 0.060 | 0.163 | 0.577 | 0.075 | 0.156 | 0.569 |

Table A2.3.3. Market Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| VISUAL ORIGINALITY | 0.673**** (0.073) | 0.587**** (0.073) | 0.456**** (0.069) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.583**** (0.064) | 0.463**** (0.068) | 0.293**** (0.065) |
| CAREER STAGE | | -0.054 (0.034) | -0.016 (0.032) | | -0.052 (0.034) | -0.011 (0.032) |
| STYLE STAGE | | -0.148**** (0.035) | -0.152**** (0.033) | | -0.122**** (0.037) | -0.145**** (0.035) |
| GENDER | | | -0.007 (0.030) | | | -0.016 (0.030) |
| ACTIVE YEARS | | | 0.270**** (0.048) | | | 0.282**** (0.048) |
| # OF STYLES | | | -0.018 (0.054) | | | -0.042 (0.055) |
| # OF PAINTINGS | | | 1.063**** (0.121) | | | 1.045**** (0.124) |
| N | | 942 | | | 934 | |
| Ranked | | 941 | | | 933 | |
| Ties | | 68 | | | 68 | |
| Log-Likelihood | -158.4 | -135.4 | -65.4 | -159.2 | -143.6 | -76.7 |
| AIC | 320.9 | 278.8 | 146.7 | 322.4 | 295.2 | 169.3 |
| BIC | 330.6 | 298.2 | 185.5 | 332.1 | 314.6 | 208.1 |
| R^2 | 0.082 | 0.126 | 0.247 | 0.081 | 0.111 | 0.228 |

A2.4 Max Average Year (50 Years)

Table A2.4.1. Expert Selection System♦

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| VISUAL ORIGINALITY | 0.717**** (0.081) | 0.578**** (0.082) | 0.468**** (0.080) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.414**** (0.060) | 0.290**** (0.062) | 0.143** (0.063) |
| CAREER STAGE | | -0.017 (0.035) | 0.015 (0.034) | | -0.026 (0.036) | 0.016 (0.035) |
| STYLE STAGE | | -0.207**** (0.038) | -0.220**** (0.038) | | -0.214**** (0.040) | -0.245**** (0.040) |
| GENDER | | | 0.009 (0.033) | | | 0.002 (0.033) |
| ACTIVE YEARS | | | 0.260**** (0.052) | | | 0.272**** (0.054) |
| # OF STYLES | | | 0.022 (0.059) | | | 0.028 (0.060) |
| # OF PAINTINGS | | | 0.628**** (0.134) | | | 0.639**** (0.137) |
| N | | 942 | | | 902 | |
| Ranked | | 866 | | | 827 | |
| Ties | | 52 | | | 52 | |
| Log-Likelihood | -208.8 | -186.4 | -153.4 | -223.9 | -200.2 | -167.6 |
| AIC | 421.6 | 380.8 | 322.8 | 451.8 | 408.4 | 351.3 |
| BIC | 431.3 | 400.2 | 361.6 | 461.5 | 427.8 | 390.1 |
| R^2 | 0.078 | 0.120 | 0.180 | 0.047 | 0.094 | 0.155 |

Table A2.4.2. Peer Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| VISUAL ORIGINALITY | 0.501**** (0.058) | 0.345**** (0.056) | 0.168**** (0.041) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.407**** (0.042) | 0.278**** (0.042) | 0.044 (0.032) |
| CAREER STAGE | | 0.012 (0.024) | 0.033* (0.017) | | -0.001 (0.024) | 0.034* (0.018) |
| STYLE STAGE | | -0.246**** (0.026) | -0.202**** (0.019) | | -0.228**** (0.027) | -0.212**** (0.020) |
| GENDER | | | -0.052*** (0.017) | | | -0.055*** (0.017) |
| ACTIVE YEARS | | | 0.150**** (0.027) | | | 0.155**** (0.027) |
| # OF STYLES | | | -0.042 (0.030) | | | -0.039 (0.031) |
| # OF PAINTINGS | | | 1.795**** (0.068) | | | 1.802**** (0.070) |
| N | | 942 | | | 902 | |
| Ranked | | 894 | | | 854 | |
| Ties | | 86 | | | 86 | |
| Log-Likelihood | 109.1 | 163.8 | 481.8 | 117.2 | 166.5 | 474.3 |
| AIC | -214.2 | -319.5 | -947.5 | -230.4 | -325.0 | -932.6 |
| BIC | -204.5 | -300.1 | -908.8 | -220.7 | -305.6 | -893.8 |
| R^2 | 0.075 | 0.176 | 0.581 | 0.090 | 0.181 | 0.574 |

Table A2.4.3. Market Selection System♠

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|---------------------|----------------------|----------------------|---------------------|----------------------|----------------------|
| VISUAL ORIGINALITY | 0.799*** (0.075) | 0.679*** (0.076) | 0.541*** (0.072) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.474*** (0.057) | 0.374*** (0.059) | 0.191*** (0.057) |
| CAREER STAGE | | -0.059* (0.033) | -0.024 (0.031) | | -0.071** (0.033) | -0.025 (0.032) |
| STYLE STAGE | | -0.162*** (0.036) | -0.161*** (0.034) | | -0.163*** (0.038) | -0.185*** (0.036) |
| GENDER | | | 0.002 (0.030) | | | -0.007 (0.030) |
| ACTIVE YEARS | | | 0.274*** (0.047) | | | 0.284*** (0.049) |
| # OF STYLES | | | -0.04 (0.054) | | | -0.035 (0.055) |
| # OF PAINTINGS | | | 1.025*** (0.121) | | | 1.028*** (0.125) |
| N | | 942 | | | 902 | |
| Ranked | | 941 | | | 901 | |
| Ties | | 68 | | | 68 | |
| Log-Likelihood | -145.8 | -123.3 | -55.6 | -165.1 | -141.3 | -77.4 |
| AIC | 295.6 | 254.6 | 127.2 | 334.2 | 290.7 | 170.8 |
| BIC | 305.3 | 274.0 | 166.0 | 343.9 | 310.1 | 209.6 |
| R^2 | 0.107 | 0.148 | 0.262 | 0.069 | 0.115 | 0.227 |

A2.5 Max Average Year (100 Years)

Table A2.5.1. Expert Selection System♦

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|----------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|
| VISUAL ORIGINALITY | 0.885**** (0.108) | 0.818**** (0.109) | 0.604**** (0.107) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | -0.006 (0.041) | 0.115** (0.047) | -0.026 (0.047) |
| CAREER STAGE | | 0.023 (0.036) | 0.028 (0.035) | | 0.042 (0.038) | 0.065* (0.036) |
| STYLE STAGE | | -0.142**** (0.037) | -0.190**** (0.036) | | -0.212**** (0.038) | -0.229**** (0.037) |
| GENDER | | | 0.01 (0.033) | | | 0.005 (0.034) |
| ACTIVE YEARS | | | 0.321**** (0.055) | | | 0.369**** (0.057) |
| # OF STYLES | | | -0.022 (0.060) | | | -0.003 (0.061) |
| # OF PAINTINGS | | | 0.708**** (0.133) | | | 0.797**** (0.137) |
| N | | 937 | | | 670 | |
| Ranked | | 861 | | | 602 | |
| Ties | | 52 | | | 52 | |
| Log-Likelihood | -214.3 | -202.3 | -160.2 | -246.8 | -227.0 | -175.9 |
| AIC | 432.5 | 412.5 | 336.4 | 497.6 | 461.9 | 367.7 |
| BIC | 442.2 | 431.9 | 375.2 | 507.3 | 481.3 | 406.5 |
| R^2 | 0.067 | 0.090 | 0.168 | 0.000 | 0.041 | 0.140 |

Table A2.5.2. Peer Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| VISUAL ORIGINALITY | 0.642**** (0.077) | 0.577**** (0.077) | 0.262**** (0.055) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.167**** (0.029) | 0.336**** (0.031) | 0.165**** (0.024) |
| CAREER STAGE | | 0.029 (0.026) | 0.026 (0.018) | | -0.008 (0.025) | 0.007 (0.018) |
| STYLE STAGE | | -0.136**** (0.026) | -0.148**** (0.019) | | -0.227**** (0.025) | -0.189**** (0.018) |
| GENDER | | | -0.051*** (0.017) | | | -0.054*** (0.017) |
| ACTIVE YEARS | | | 0.190**** (0.028) | | | 0.161**** (0.028) |
| # OF STYLES | | | -0.074** (0.031) | | | -0.036 (0.031) |
| # OF PAINTINGS | | | 1.865**** (0.069) | | | 1.826**** (0.068) |
| N | | 937 | | | 670 | |
| Ranked | | 889 | | | 629 | |
| Ties | | 86 | | | 86 | |
| Log-Likelihood | 106.4 | 126.6 | 462.2 | 89.3 | 153.3 | 475.0 |
| AIC | -208.8 | -245.1 | -908.4 | -174.6 | -298.6 | -933.9 |
| BIC | -199.1 | -225.7 | -869.6 | -164.9 | -279.2 | -895.2 |
| R^2 | 0.069 | 0.108 | 0.563 | 0.035 | 0.158 | 0.574 |

Table A2.5.3. Market Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|---------------------|---------------------|----------------------|---------------------|----------------------|----------------------|
| VISUAL ORIGINALITY | 1.013*** (0.101) | 0.983*** (0.102) | 0.729*** (0.097) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.156*** (0.039) | 0.315*** (0.044) | 0.159*** (0.043) |
| CAREER STAGE | | -0.019 (0.034) | -0.017 (0.032) | | -0.031 (0.036) | -0.01 (0.033) |
| STYLE STAGE | | -0.075** (0.034) | -0.117*** (0.033) | | -0.188*** (0.035) | -0.190*** (0.033) |
| GENDER | | | 0.001 (0.030) | | | -0.006 (0.031) |
| ACTIVE YEARS | | | 0.322*** (0.050) | | | 0.327*** (0.052) |
| # OF STYLES | | | -0.085 (0.054) | | | -0.03 (0.056) |
| # OF PAINTINGS | | | 1.097*** (0.121) | | | 1.120*** (0.124) |
| N | | 937 | | | 670 | |
| Ranked | | 936 | | | 669 | |
| Ties | | 68 | | | 68 | |
| Log-Likelihood | -150.8 | -143.9 | -65.8 | -190.7 | -163.2 | -86.7 |
| AIC | 305.5 | 295.9 | 147.6 | 385.4 | 334.4 | 189.4 |
| BIC | 315.2 | 315.2 | 186.4 | 395.0 | 353.8 | 228.1 |
| R^2 | 0.097 | 0.110 | 0.246 | 0.017 | 0.073 | 0.212 |

A2.6 Max Average Year (More than 100 Years)

Table A2.6.1. Expert Selection System♦

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| VISUAL ORIGINALITY | 0.450*** (0.081) | 0.452*** (0.080) | 0.373*** (0.077) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | -0.153*** (0.047) | 0.256** (0.104) | 0.064 (0.101) |
| CAREER STAGE | | 0.08 (0.075) | 0.041 (0.071) | | 0.068 (0.076) | 0.032 (0.072) |
| STYLE STAGE | | -0.209*** (0.065) | -0.224*** (0.062) | | -0.345*** (0.087) | -0.253*** (0.083) |
| GENDER | | | -0.012 (0.033) | | | -0.007 (0.034) |
| ACTIVE YEARS | | | 0.302*** (0.054) | | | 0.319*** (0.055) |
| # OF STYLES | | | -0.064 (0.061) | | | -0.02 (0.062) |
| # OF PAINTINGS | | | 0.880*** (0.133) | | | 0.883*** (0.136) |
| N | | 915 | | | 180 | |
| Ranked | | 839 | | | 153 | |
| Ties | | 52 | | | 52 | |
| Log-Likelihood | -231.5 | -218.5 | -169.7 | -241.6 | -231.3 | -181.1 |
| AIC | 466.9 | 445.0 | 355.4 | 487.2 | 470.6 | 378.3 |
| BIC | 476.6 | 464.4 | 394.1 | 496.9 | 490.0 | 417.1 |
| R^2 | 0.032 | 0.058 | 0.151 | 0.011 | 0.032 | 0.130 |

Table A2.6.2. Peer Selection System♣

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|--------------------|---------------------|----------------------|------------------|----------------------|----------------------|
| VISUAL ORIGINALITY | 0.143** (0.058) | 0.144** (0.058) | 0.053 (0.042) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.046 (0.034) | 0.408*** (0.074) | 0.099* (0.054) |
| CAREER STAGE | | 0.101* (0.054) | 0.068* (0.039) | | 0.088 (0.054) | 0.064* (0.038) |
| STYLE STAGE | | -0.106** (0.047) | -0.112*** (0.033) | | -0.327*** (0.062) | -0.164*** (0.044) |
| GENDER | | | -0.061*** (0.018) | | | -0.059*** (0.018) |
| ACTIVE YEARS | | | 0.137*** (0.029) | | | 0.135*** (0.029) |
| # OF STYLES | | | -0.069** (0.033) | | | -0.058* (0.033) |
| # OF PAINTINGS | | | 1.989*** (0.072) | | | 1.970*** (0.073) |
| N | | 915 | | | 180 | |
| Ranked | | 867 | | | 162 | |
| Ties | | 86 | | | 86 | |
| Log-Likelihood | 75.6 | 78.1 | 407.9 | 73.5 | 90.3 | 408.8 |
| AIC | -147.1 | -148.3 | -799.7 | -143.0 | -172.6 | -801.5 |
| BIC | -137.5 | -128.9 | -760.9 | -133.3 | -153.2 | -762.8 |
| R^2 | 0.006 | 0.012 | 0.509 | 0.002 | 0.037 | 0.510 |

Table A2.6.3. Market Selection System♠

| | <i>Model 1</i> | <i>Model 2</i> | <i>Model 3</i> | <i>Model 4</i> | <i>Model 5</i> | <i>Model 6</i> |
|-------------------------------------|----------------------|----------------------|----------------------|------------------|-----------------------|----------------------|
| VISUAL ORIGINALITY | 0.365**** (0.077) | 0.365**** (0.077) | 0.275**** (0.072) | | | |
| VISUAL ORIGINALITY (DOMINANT STYLE) | | | | 0.032 (0.045) | 0.521**** (0.098) | 0.283*** (0.093) |
| CAREER STAGE | | -0.014 (0.072) | -0.056 (0.066) | | -0.032 (0.072) | -0.069 (0.066) |
| STYLE STAGE | | -0.042 (0.063) | -0.058 (0.057) | | -0.323**** (0.082) | -0.207*** (0.076) |
| GENDER | | | -0.015 (0.031) | | | -0.01 (0.031) |
| ACTIVE YEARS | | | 0.304**** (0.050) | | | 0.306**** (0.050) |
| # OF STYLES | | | -0.09 (0.057) | | | -0.044 (0.057) |
| # OF PAINTINGS | | | 1.272**** (0.123) | | | 1.223**** (0.125) |
| N | | 915 | | | 180 | |
| Ranked | | 914 | | | 180 | |
| Ties | | 68 | | | 68 | |
| Log-Likelihood | -187.7 | -186.0 | -99.0 | -198.6 | -183.2 | -101.6 |
| AIC | 379.4 | 379.9 | 213.9 | 401.2 | 374.5 | 219.3 |
| BIC | 389.1 | 399.3 | 252.7 | 410.8 | 393.9 | 258.1 |
| R^2 | 0.023 | 0.027 | 0.191 | 0.001 | 0.033 | 0.186 |