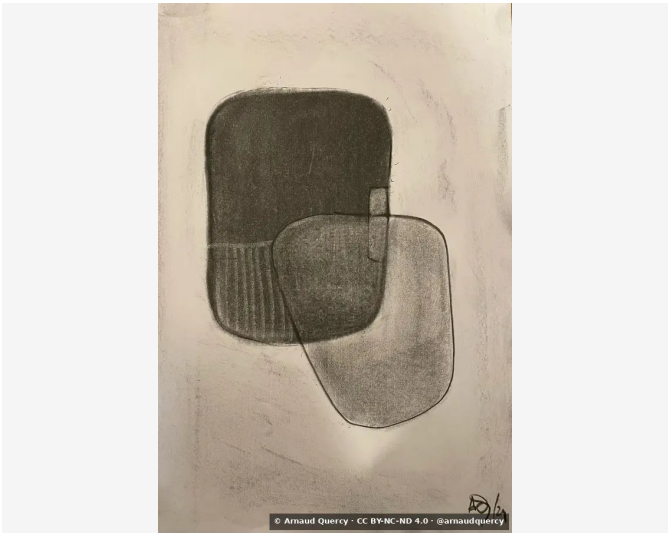


Nanopublication – Computational Image Analysis –
AQC0575

by Arnaud Quercy · Speed dating · 2024



CLAIM 1: COMPUTATIONAL IMAGE ANALYSIS - AQC0575

The artwork Speed [1] dating (AQC0575) [2] by Arnaud Quercy [2] underwent comprehensive computational analysis [3] on 2026-02-04. Method: k-means clustering with 10 colors extracted. Metrics documented: color distribution, texture analysis, brightness/contrast, spatial patterns.

CONTEXT

Analysis performed according to MMIDS-CMP-2025 [3] includes four metric categories: (1) Color distribution via k-means (10 colors), (2) Texture analysis using Haralick features, (3) Brightness and contrast measurements, (4) Spatial pattern characterization. Source image [5]: 2551x3827 pixels. Analysis date: 2026-02-04.

COLOR ANALYSIS

Rank	Color	Hex	%	Family	Name
1		D5C4B1	18.7	yellow-orange	silver
2		E0D2BD	14.9	yellow-orange	lightgray
3		A69685	13.2	orange	rosybrown
4		B4A593	10.7	yellow-orange	steel gray
5		C4B4A3	9.8	orange	tan
6		514939	8.3	yellow-orange	dark brown
7		403828	7.9	yellow-orange	darkslategray
8		958776	6.6	yellow-orange	gray
9		665D4C	5.2	yellow-orange	dimgray
10		7E7362	4.6	yellow-orange	dimgrey

Color Families:

Family	%
yellow-orange	77.0
orange	23.0

TEXTURE ANALYSIS

Metric	Value
Global Roughness	0.199
Mean Local Roughness	0.018
Roughness Uniformity	0.017
Edge Density	0.089
Mean Gradient Magnitude	0.144
Gradient Variance	0.03
Gradient Smoothness	0.0
Directional Coherence	0.031
Pattern Complexity	0.122
Pattern Repetition	1.0
Detail Frequency Ratio	0.64
Spatial Variation	0.125
Texture Consistency	0.484

BRIGHTNESS & CONTRAST ANALYSIS

Metric	Value
Mean Brightness	0.609
Brightness Variance	0.199
Brightness Uniformity	0.673
Brightness Skewness	-0.688
Brightness Entropy	7.211
Rms Contrast	0.199
Michelson Contrast	1.0
Weber Contrast	0.667
Mean Local Contrast	0.019
Contrast Uniformity	0.066
Dynamic Range	0.996
Effective Dynamic Range	0.6
Shadow Percentage	16.369
Midtone Percentage	35.834
Highlight Percentage	47.798
Shadow Clipping	0.0
Highlight Clipping	0.0
Tonal Balance	0.0
Fine Contrast	0.01
Medium Contrast	0.024
Coarse Contrast	0.033
Multiscale Contrast Ratio	0.291
Edge Contrast	0.144
Contrast Clustering	0.516

SPATIAL DISTRIBUTION ANALYSIS

Metric	Value
Spatial Coherence	0.752
Color Clustering	0.92
Color Transition Smoothness	0.626
Transition Uniformity	0.794
Sharp Transition Ratio	0.1
Transition Directionality	0.038
Mean Saturation	0.21
Saturation Variance	0.005
Low Saturation Ratio	0.874
Medium Saturation Ratio	0.125
High Saturation Ratio	0.0
Saturation Clustering	1.0
Hue Concentration	0.995
Complementary Balance	0.0
Analogous Dominance	1.0
Temperature Bias	1.0

Methodology

This analysis employs standardized computational methods for objective image characterization. Color extraction uses k-means clustering algorithm. Texture analysis applies Haralick feature extraction. Brightness metrics include mean, variance, and distribution analysis. Spatial patterns are characterized through coherence and clustering measurements. All methods are deterministic and reproducible. Analysis performed by Multimodal Institute's computational imaging systems.

REFERENCES

[1] Arnaud Quercy (2024). Speed dating – Catalog raisonné. <https://arnaudquercy.art/en/catalogue-raisonne/AQC0575.html>

[2] Quercy, A. (2025). Untitled – Gallery. https://artquamanima.com/en/artworks/2024/01/speed-dating_6fu.html

[3] Quercy, A. (2025). Computational Image Analysis Standard – MMIDS-CMP-2025 <https://multimodal.institute/en/publications/2025/11/mmids-cmp-2025-computational-image-analysis-standard-dg1.html>

WHERE THIS WORK LIVES

THEMATIC ELEMENTS

charcoal drawing

monochromatic abstraction

Research on Tensions

contemporary drawing

social dynamics

brief encounters

gray tones

paper artwork

EPISTEMIC PROFILE

Claim type	computational analysis
Voice	third person
Epistemic status	empirical measurement
Methodology	computational analysis
Certainty	high

CHECKSUM (SHA-256)

d40231c9b6e575fed643e0be0a058616956dd0c6ef29caea1100e0b73c04798e

Licensed under Creative Commons Attribution 4.0 International (CC BY 4.0)

Artist	Arnaud Quercy
Date	2024
Collection	Research on Tensions
Certificate	20240505-0071
Asset code	AQC0575
Identifier	NAN-COL000499
Version	1
Published	2026-03-04

ISSN: [pending – Library of Congress]

© 2026 Multimodal Institute

Published by Art Quam Anima Publishing New York,
an imprint of AQA PUBLISHING LLC

c/o Northwest Registered Agent, 418 Broadway Ste N
Albany, NY 12207, USA
+1 917-764-5470

publishing.artquamanima.com

Last updated: 2026-06-03

Persistent URI: <https://multimodal.institute/en/nanopubs/2026/03/AQC0575-computational-image-analysis-aqc0575.pdf>