

Appendix 4: MHI for Different Transformations

Log Transformations	Graffiti Types	Observed MHI Value	Mean Permutated MHI	SD Permutated MHI	P Value
No Transformation	Masterpiece vs SITS	0.234	0.419	0.036	< 0.001
	Masterpiece vs Tag	0.169	0.432	0.034	< 0.001
	Tag vs SITS	0.722	0.894	0.007	< 0.001
Square Root Transformation	Masterpiece vs SITS	0.179	0.308	0.020	< 0.001
	Masterpiece vs Tag	0.142	0.285	0.017	< 0.001
	Tag vs SITS	0.718	0.829	0.006	< 0.001
Log Transformation + 0.5	Masterpiece vs SITS	0.156	0.319	0.021	< 0.001
	Masterpiece vs Tag	0.103	0.247	0.016	< 0.001
	Tag vs SITS	0.663	0.781	0.007	< 0.001
Log Transformation + 1	Masterpiece vs SITS	0.163	0.305	0.020	< 0.001
	Masterpiece vs Tag	0.118	0.252	0.015	< 0.001
	Tag vs SITS	0.688	0.799	0.007	< 0.001