

Supplement 2 to *Background Check: Cross-Cultural Differences in the Spatial Context of Comic Scenes*

This material contains the full statistics from post-hoc tests performed for the (simple) main effects of Country or Background type on background proportions (Table 1 to 10) and re-establishing length (Table 11), presented as a matrix with significant comparisons highlighted.

Table 1. *Pairwise comparisons of global background proportions.*

Country	Mean	SD	t-statistic, p-value			
			Depicted	Amorphic	Empty	Backfix
Depicted	0.653	0.168				
Amorphic	0.075	0.071	31.594, < .001			
Empty	0.211	0.135	24.163, < .001	-7.43, < .001		
Backfix	0.037	0.065	33.648, < .001	2.054, 0.412	9.484, < .001	
Impossible	0.023	0.029	34.423, < .001	2.829, 0.051	10.26, < .001	-0.775, 1

Table 2. *Pairwise country comparisons for Depicted background proportions.*

Country	Mean	SD	t-statistic, p-value				
			Japan	China	Russia	Nigeria	Spain
Japan	0.532	0.088					
China	0.592	0.187	0.968, 1				
Russia	0.548	0.094	-0.250, 1	0.718, 1			
Nigeria	0.702	0.102	-2.742, 0.124	-1.774, 1	2.492, 0.237		
Spain	0.811	0.128	-4.496, <.001	-3.528, 0.013	-4.246, 0.001	-1.754, 1	
USA	0.734	0.192	-3.260, 0.029	-2.293, 0.387	-3.010, 0.059	-0.519, 1	1.235, 1

Table 3. *Pairwise country comparisons for Amorphic background proportions.*

Country	Mean	SD	t-statistic, p-value				
			Japan	China	Russia	Nigeria	Spain
Japan	0.056	0.033					
China	0.168	0.099	3.405, 0.050				
Russia	0.082	0.065	1.127, 0.862	2.317, 0.245			
Nigeria	0.063	0.049	-0.362, 0.999	3.027, 0.082	-0.745, 0.973		
Spain	0.042	0.028	0.997, 0.913	3.878, 0.025	1.780, 0.511	1.149, 0.853	
USA	0.04	0.045	0.894, 0.943	3.732, 0.025	1.677, 0.564	1.076, 0.885	0.126, 1

Table 4. *Pairwise country comparisons for Empty background proportions.*

Country	Mean	SD	t-statistic, p-value				
			Japan	China	Russia	Nigeria	Spain
Japan	0.335	0.075					
China	0.208	0.163	-2.496, 0.235				
Russia	0.29	0.111	0.892, 1	-1.604, 1			
Nigeria	0.132	0.077	4.002, 0.003	1.505, 1	-3.109, 0.045		
Spain	0.113	0.103	4.385, <.001	1.889, 0.965	3.493, 0.014	0.383, 1	
USA	0.189	0.125	2.887, 0.084	0.390, 1	1.994, 0.767	-1.115, 1	-1.498, 1

Table 5. *Pairwise background comparisons for Japan.*

Country	Mean	SD	t-statistic, p-value			
			Depicted	Amorphic	Empty	Backfix
Depicted	0.532	0.088				
Amorphic	0.056	0.033	14.832, <.001			
Empty	0.335	0.075	6.148, <.001	-8.683, <.001		
Backfix	0.061	0.078	14.682, <.001	-0.150, 1	8.533, <.001	
Impossible	0.017	0.012	16.047, <.001	1.215, 1	9.898, <.001	-1.365, 1

Table 6. *Pairwise background comparisons for China.*

Country	Mean	SD	t-statistic, p-value			
			Depicted	Amorphic	Empty	Backfix
Depicted	0.592	0.187				
Amorphic	0.168	0.099	7.046, <.001			
Empty	0.208	0.163	6.380, <.001	-0.665, 1		
Backfix	0.012	0.022	9.650, <.001	2.605, 0.133	3.270, 0.024	
Impossible	0.019	0.024	9.519, <.001	2.474, 0.182	3.139, 0.034	0.131, 1

Table 7. *Pairwise background comparisons for Russia.*

Country	Mean	SD	t-statistic, p-value			
			Depicted	Amorphic	Empty	Backfix
Depicted	0.548	0.094				
Amorphic	0.082	0.065	12.225, <.001			
Empty	0.29	0.111	6.772, <.001	-5.453, <.001		
Backfix	0.058	0.056	12.843, <.001	0.618, 1	6.071, <.001	
Impossible	0.023	0.023	13.765, <.001	1.539, 1	6.992, <.001	-0.922, 1

Table 8. *Pairwise background comparisons for Nigeria.*

Country	Mean	SD	t-statistic, p-value			
			Depicted	Amorphic	Empty	Backfix
Depicted	0.702	0.102				
Amorphic	0.063	0.049	15.450, <.001			
Empty	0.132	0.077	13.768, <.001	-1.682, 1		
Backfix	0.068	0.113	15.330, <.001	-0.121, 1	1.561, 1	
Impossible	0.036	0.053	16.100, <.001	0.650, 1	2.332, 0.254	-0.771, 1

Table 9. *Pairwise background comparisons for Spain.*

Country	Mean	SD	t-statistic, p-value			
			Depicted	Amorphic	Empty	Backfix
Depicted	0.811	0.128				
Amorphic	0.042	0.028	20.174, <.001			
Empty	0.113	0.103	18.318, <.001	-1.856, 0.717		
Backfix	0.014	0.023	20.917, <.001	0.743, 1	2.599, 0.135	
Impossible	0.021	0.027	20.734, <.001	0.561, 1	2.417, 0.209	0.183, 1

Table 10. *Pairwise background comparisons for the United States.*

Country	Mean	SD	t-statistic, p-value			
			Depicted	Amorphic	Empty	Backfix
Depicted	0.734	0.192				
Amorphic	0.04	0.045	13.154, <.001			
Empty	0.189	0.125	10.337, <.001	-2.816, 0.078		
Backfix	0.013	0.026	13.661, <.001	0.507, 1	3.324, 0.020	
Impossible	0.024	0.023	13.454, <.001	0.301, 1	3.117, 0.036	0.207, 1

Table 11. *Pairwise country comparisons for re-establishing length.*

Country	Mean	SD	t-statistic, p-value				
			Japan	China	Russia	Nigeria	Spain
Japan	0.732	0.262					
China	0.377	0.355	-2.479, 0.245				
Russia	0.64	0.302	0.639, 1	-1.840, 1			
Nigeria	0.351	0.276	2.657, 0.155	0.178, 1	-2.018, 0.728		
Spain	0.199	0.191	3.721, 0.007	1.242, 1	3.082, 0.049	1.064, 1	
USA	0.378	0.467	2.471, 0.250	-0.007, 1	1.832, 1	-0.186, 1	-1.250, 1