

Statistical Analysis of Burial Ground Landscapes

In preparation for my book '*Death & Burial in Colonial North America: Exploring Interment Practices and Landscapes in 17th-Century British Settlements*' with Emerald Publishing (forthcoming, 2020), I re-evaluated the 60 settlements that were examined as part of my original MA research. With additional research, some site data was adjusted, and the statistics were redone in SPSS. This means that the statistical data in my MA thesis is out of date as of May 2020, due to the re-evaluation. Please refer to the below tables of the results, which contain the updated data.

For more information, and a discussion of these data, please see my book!

Frequency analysis of 17th-century settlements (40 sites)

Fortified:	77.5% no (31)	22.5% yes (9)
Burials inside Fortifications:	33.3% no (3)	66.7% yes (6)
Church association:	61.5% no (24)	38.5% (15)
Elevated:	37.5% no (15)	62.5% yes (25)
Direction: (1 unknown)	43.6% centre (17) 56.4% N/S/E/W (22) 15.4% north (6)	10.3% south (4) 15.4% east (6) 15.4% west (6)
Water:	52.5% Atlantic (21)	47.5% rivers (19)

Frequency analysis for comparison between regions (31 sites)

Massachusetts (15):			Connecticut (11):		Virginia (5):	
Fortified:	80% no	20% yes	90.9% no	9.1% yes	60% no	40% yes
Burials inside:	66.7% no	33.3% yes (of 3 sites)	0% no	100% yes (of 1 site)	0% no	100% yes (of 2 sites)
Elevated:	26.7% no	73.3% yes	45.5% no	54.5% yes	80% no	20% yes
Church:	85.7% no	14.3% yes (1 missing)	72.7% no	27.3% yes	0% no	100% yes
Direction:	40% centre 26.7% north		45.5% centre 9.1% north		60% centre 20% east	
	60% 20% west		54.6% 18.2% west		0% south 20% west	
	N/S/E/W 13.3% east		N/S/E/W 27.3% south			

Frequency analysis of settlements in Newfoundland, 17th and 18th century (20 sites)

<i>Newfoundland (20):</i>		
Fortified:	95% no (19)	5% yes (1)
Elevated: (1 unknown)	5.3% no (1)	94.7% yes (18)
Church association:	65% no (13)	35% yes (7)
Direction: (1 unknown)	31.6% centre (6)	10.5% north (2)
	15.8% south (3)	21.1% east (4)
	21.1% west (4)	68.4% N/S/E/W (13)