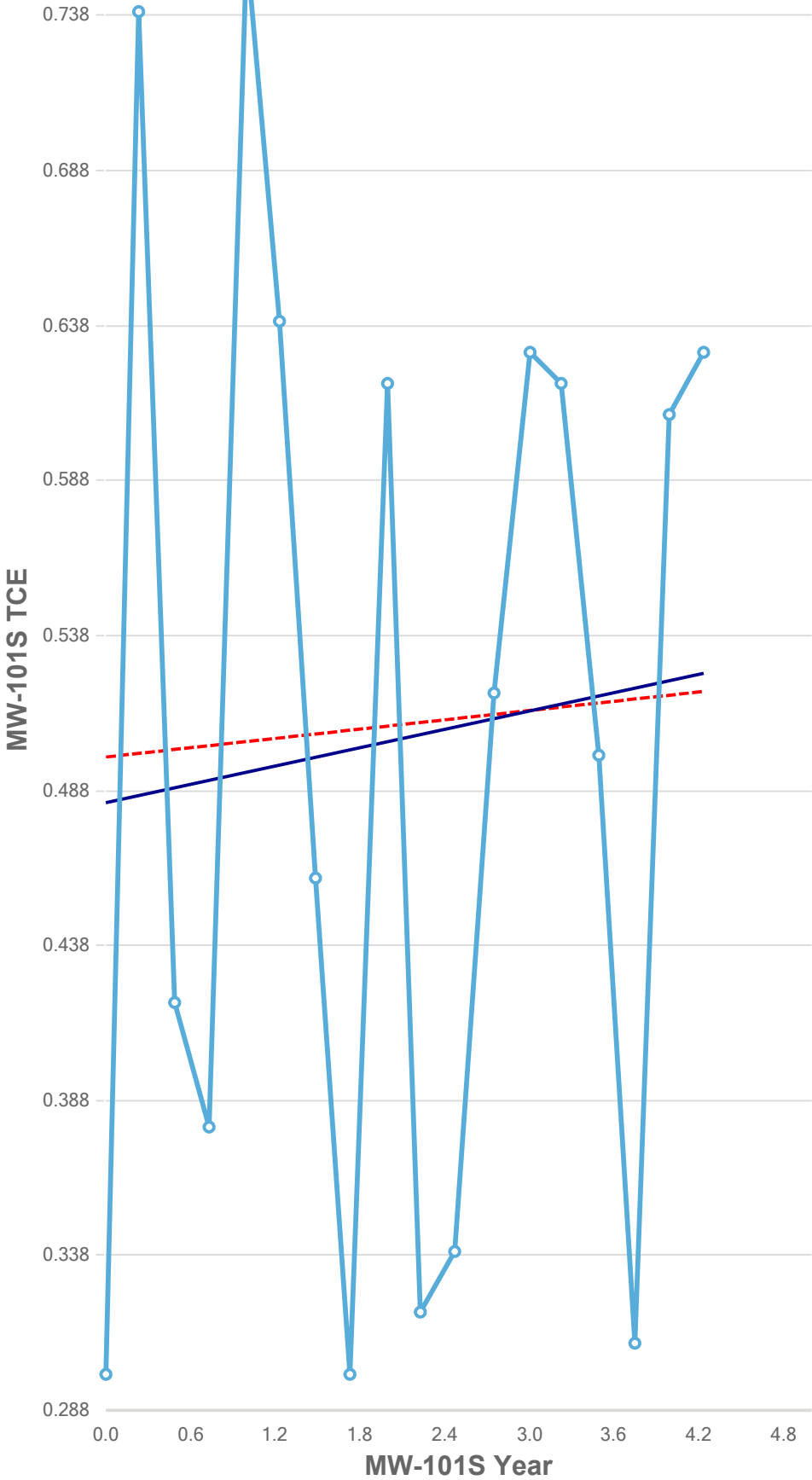


Mann-Kendall Trend Test



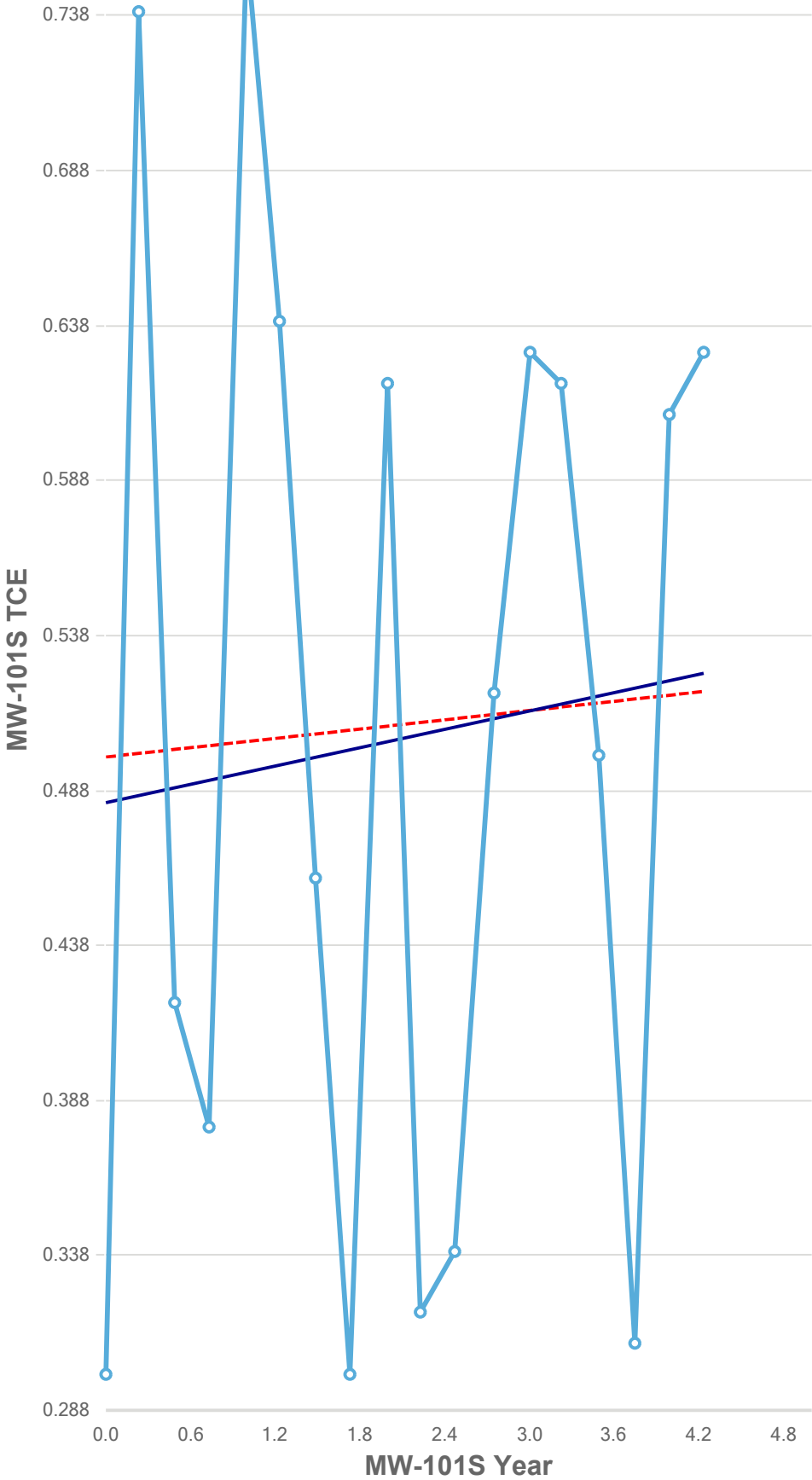
Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	26.3439
Standardized Value of S	0.2657
M-K Test Value (S)	8
Tabulated p-value	0.3830
Approximate p-value	0.3952

OLS Regression Line (Blue)	
OLS Regression Slope	0.0099
OLS Regression Intercept	0.4847

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0050
Theil-Sen Intercept	0.4995

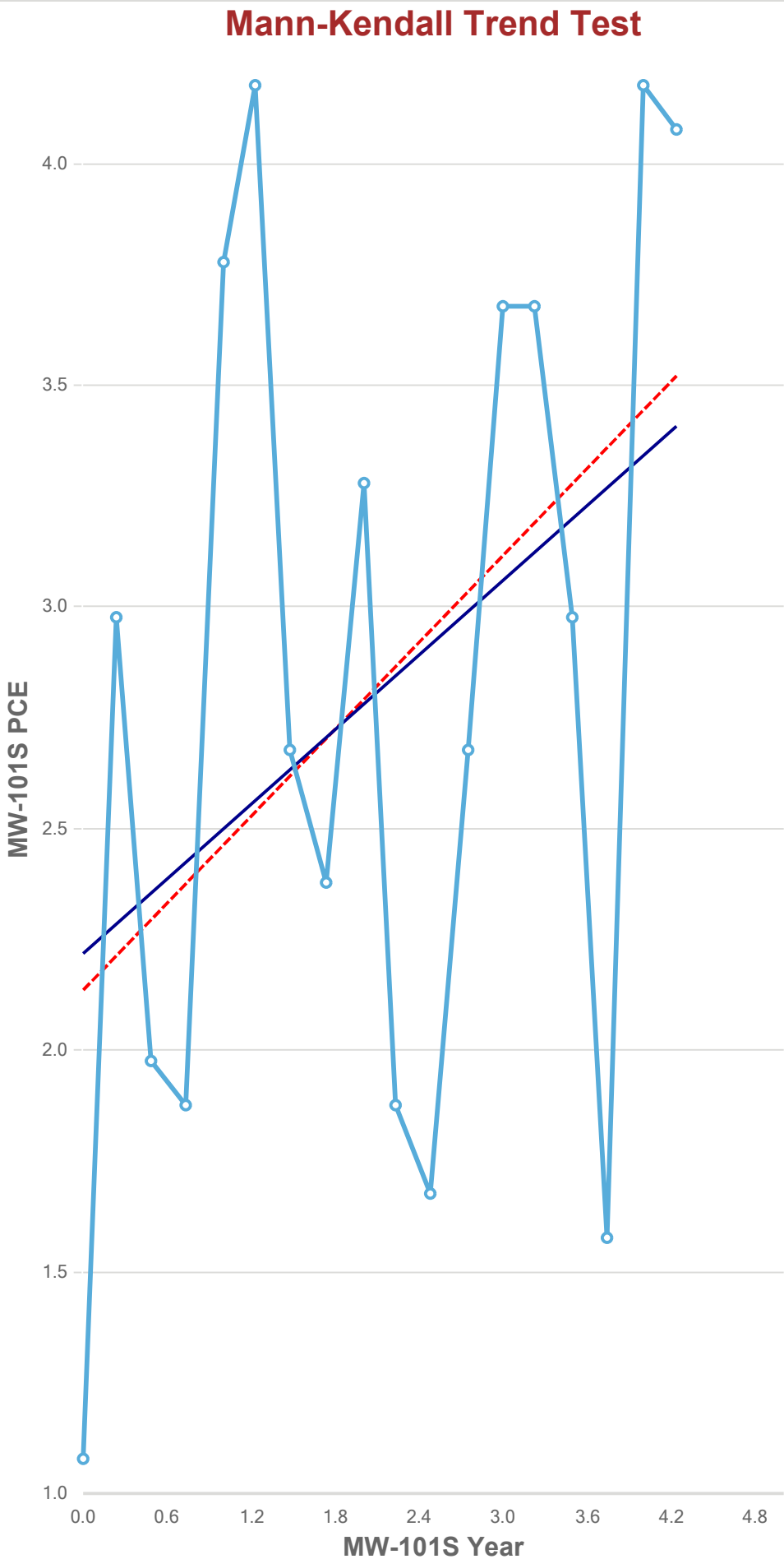
Insufficient statistical evidence
of a significant trend at the
specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	26.3439
Standardized Value of S	0.2657
M-K Test Value (S)	8
Tabulated p-value	0.3830
Approximate p-value	0.3952
OLS Regression Line (Blue)	
OLS Regression Slope	0.0099
OLS Regression Intercept	0.4847
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0050
Theil-Sen Intercept	0.4995
Insufficient statistical evidence of a significant trend at the specified level of significance.	

Mann-Kendall Trend Test



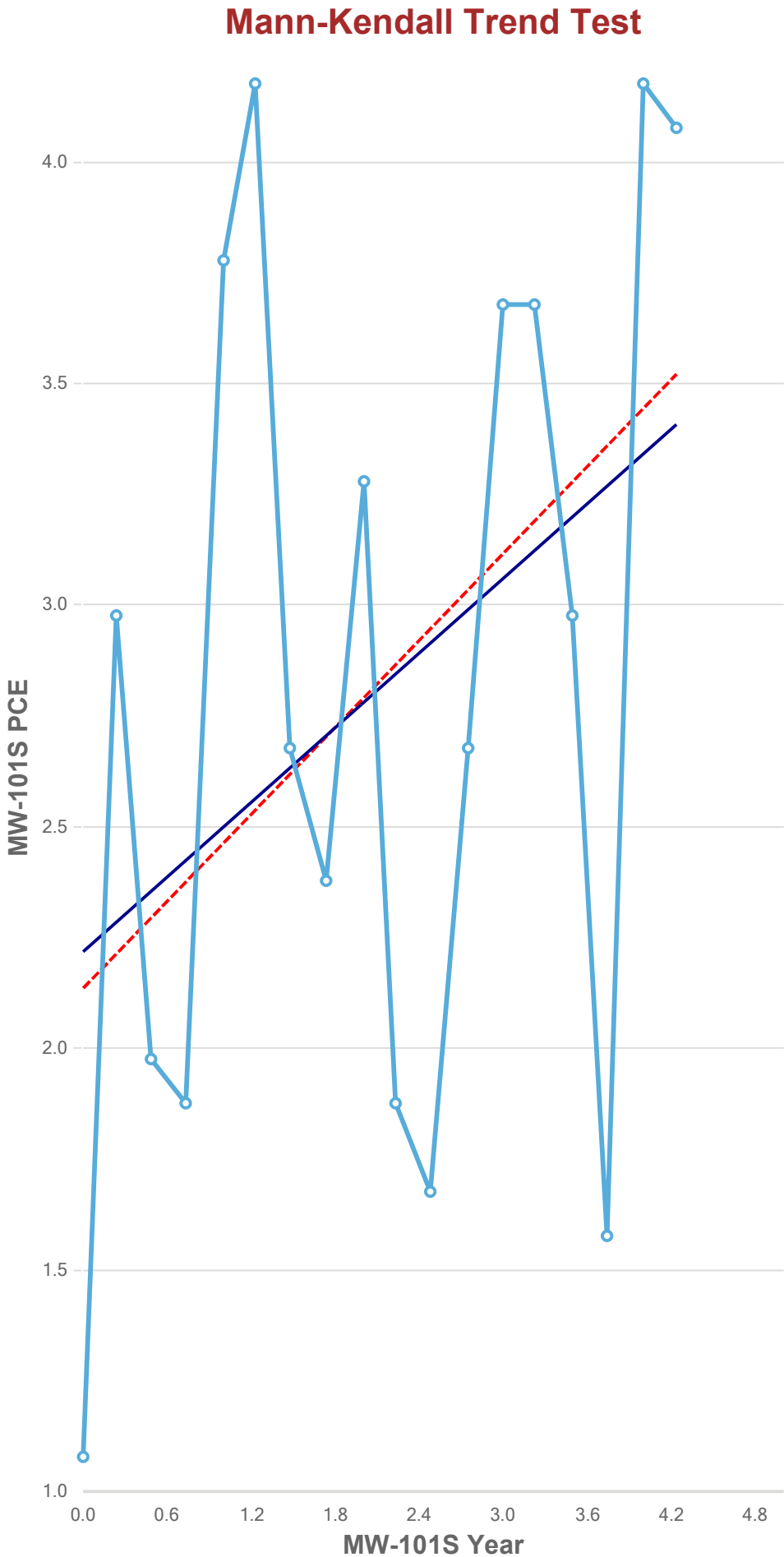
Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	26.3059
Standardized Value of S	1.2545
M-K Test Value (S)	34
Tabulated p-value	0.1000
Approximate p-value	0.1048

OLS Regression Line (Blue)	
OLS Regression Slope	0.2811
OLS Regression Intercept	2.2392

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.3266
Theil-Sen Intercept	2.1596

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test



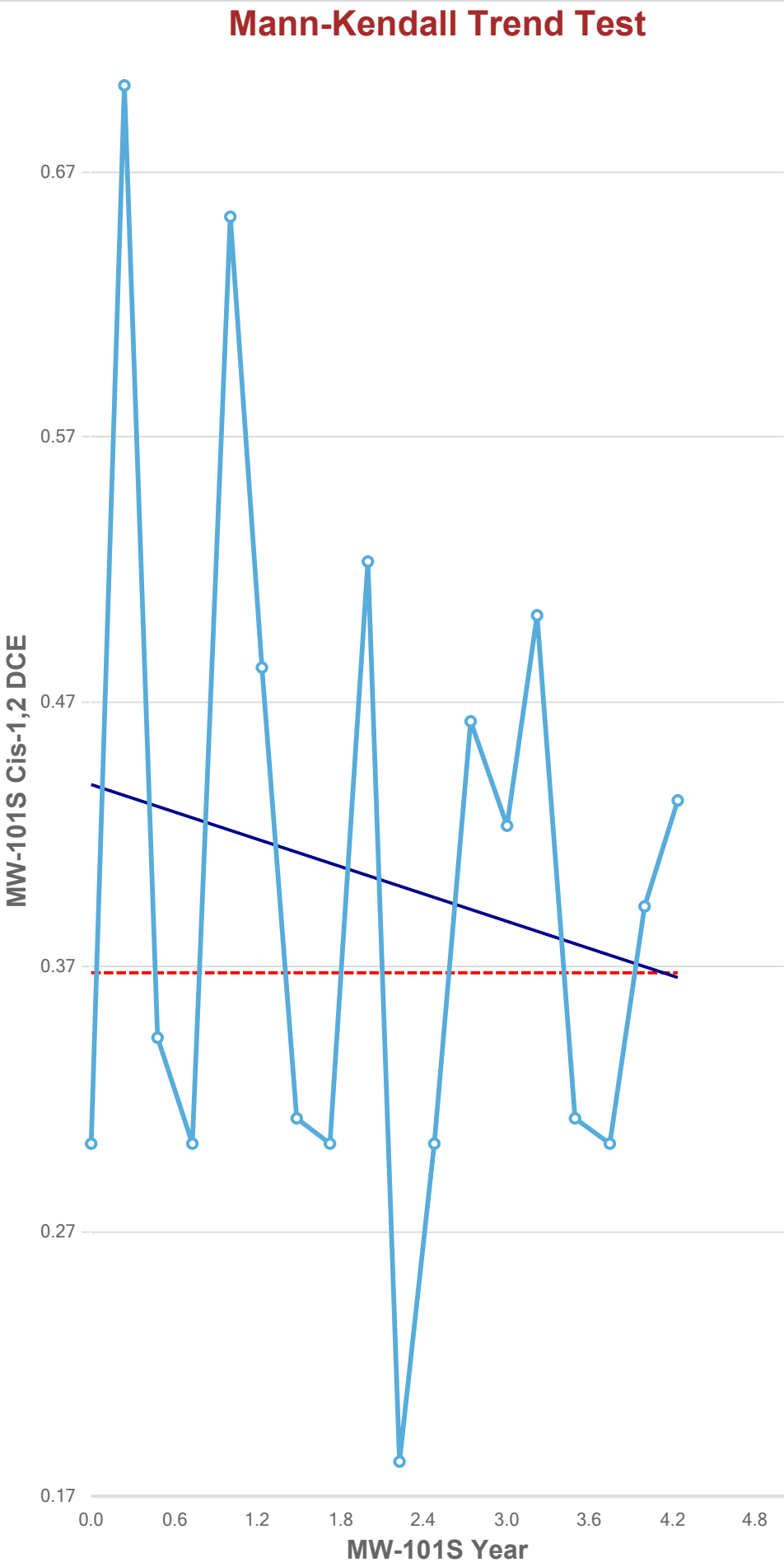
Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	26.3059
Standardized Value of S	1.2545
M-K Test Value (S)	34
Tabulated p-value	0.1000
Approximate p-value	0.1048

OLS Regression Line (Blue)	
OLS Regression Slope	0.2811
OLS Regression Intercept	2.2392

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.3266
Theil-Sen Intercept	2.1596

Insufficient statistical evidence of a significant trend at the specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	26.0640
Standardized Value of S	-0.2686
M-K Test Value (S)	-8
Tabulated p-value	0.3830
Approximate p-value	0.3941
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0172
OLS Regression Intercept	0.4357
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0000
Theil-Sen Intercept	0.3650
Insufficient statistical evidence of a significant trend at the specified level of significance.	

Mann-Kendall Trend Test

MW-101S Cis-1,2 DCE

0.67

0.57

0.47

0.37

0.27

0.17

0.0 0.6 1.2 1.8 2.4 3.0 3.6 4.2 4.8

MW-101S Year

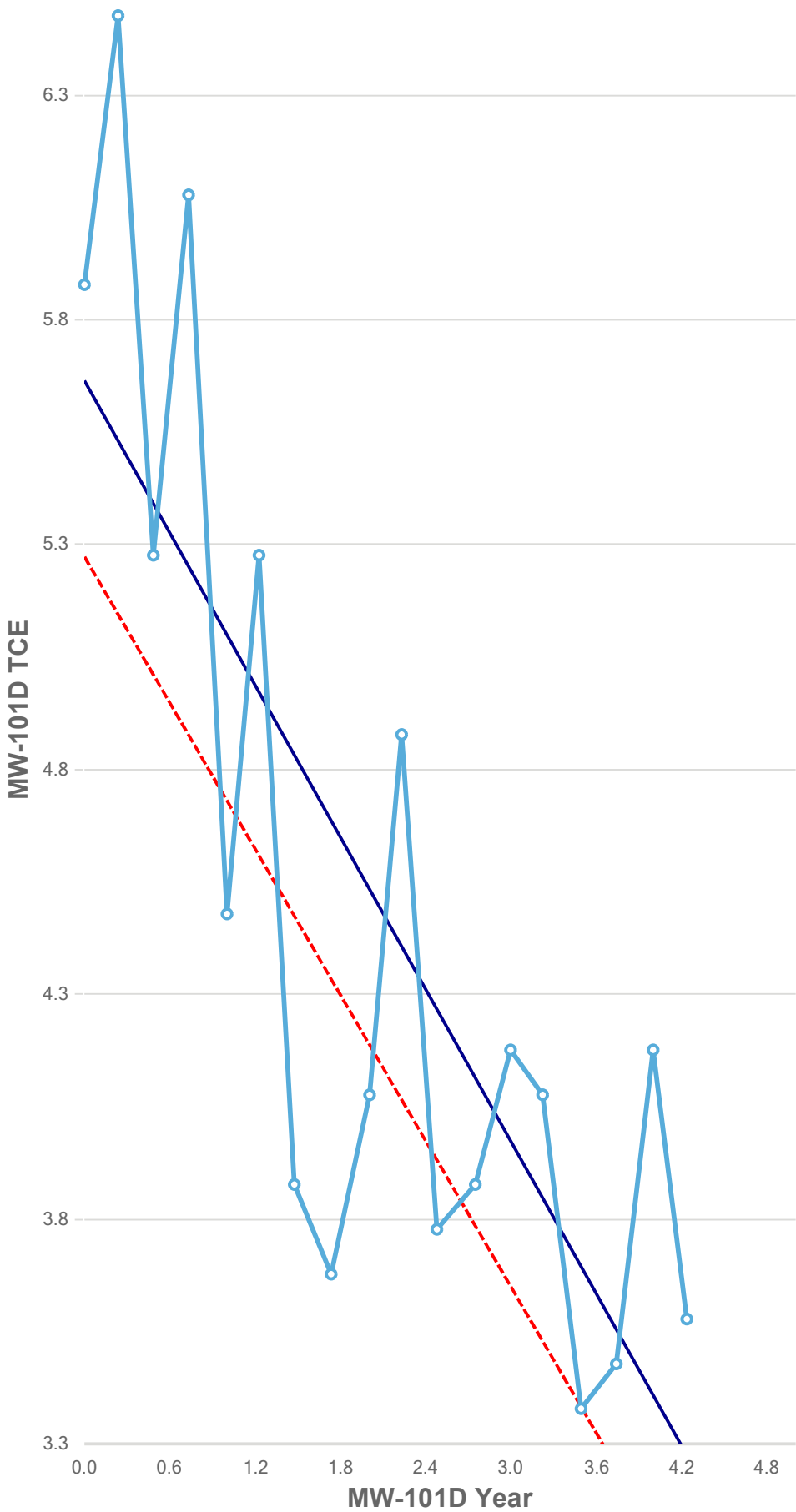
Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	26.0640
Standardized Value of S	-0.2686
M-K Test Value (S)	-8
Tabulated p-value	0.3830
Approximate p-value	0.3941

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0172
OLS Regression Intercept	0.4357

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0000
Theil-Sen Intercept	0.3650

Insufficient statistical evidence
of a significant trend at the
specified level of significance.

Mann-Kendall Trend Test



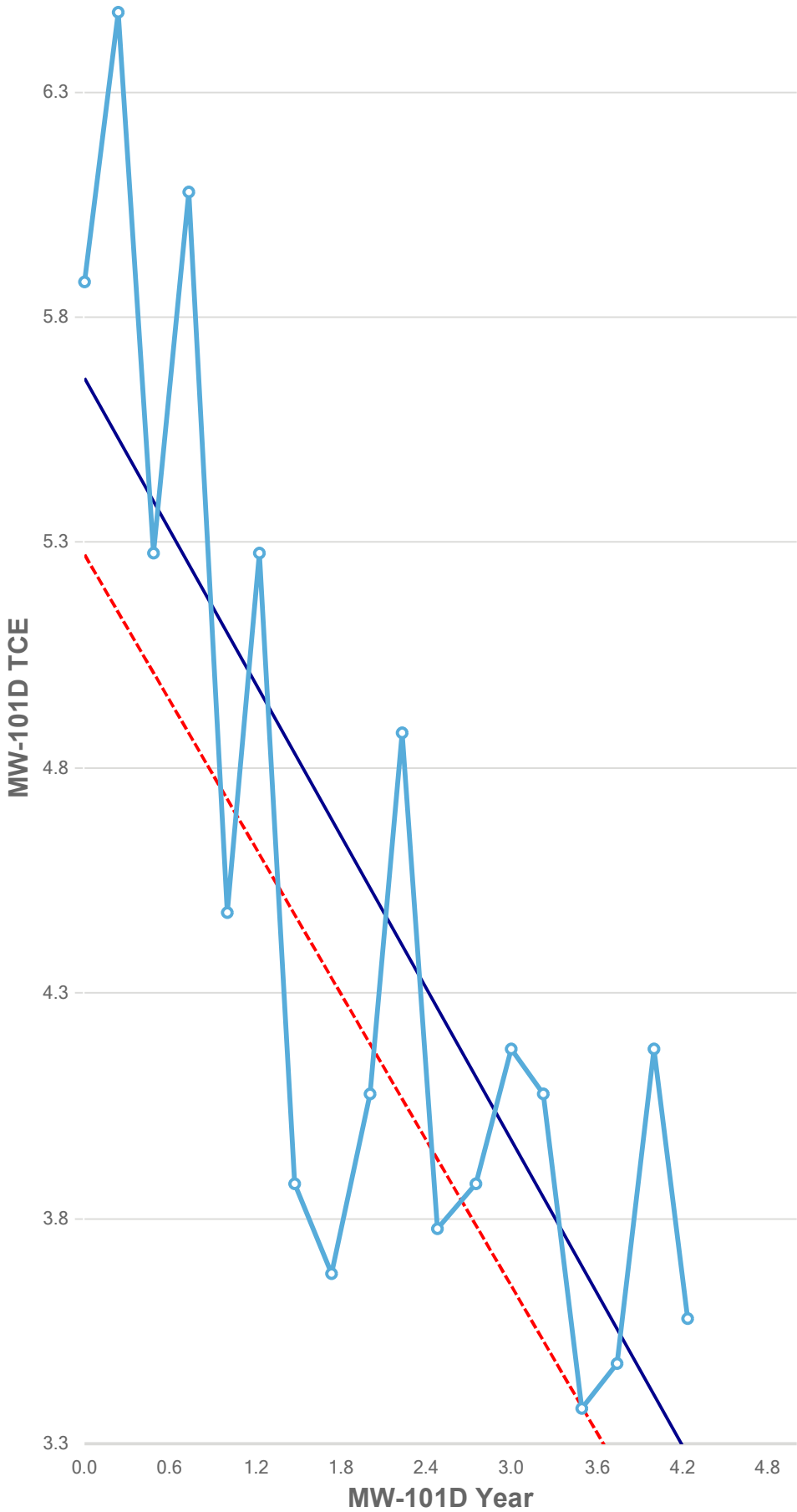
Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	26.3249
Standardized Value of S	-3.1149
M-K Test Value (S)	-83
Tabulated p-value	0.0010
Approximate p-value	0.0009

OLS Regression Line (Blue)	
OLS Regression Slope	-0.5648
OLS Regression Intercept	5.6881

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.5427
Theil-Sen Intercept	5.2970

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



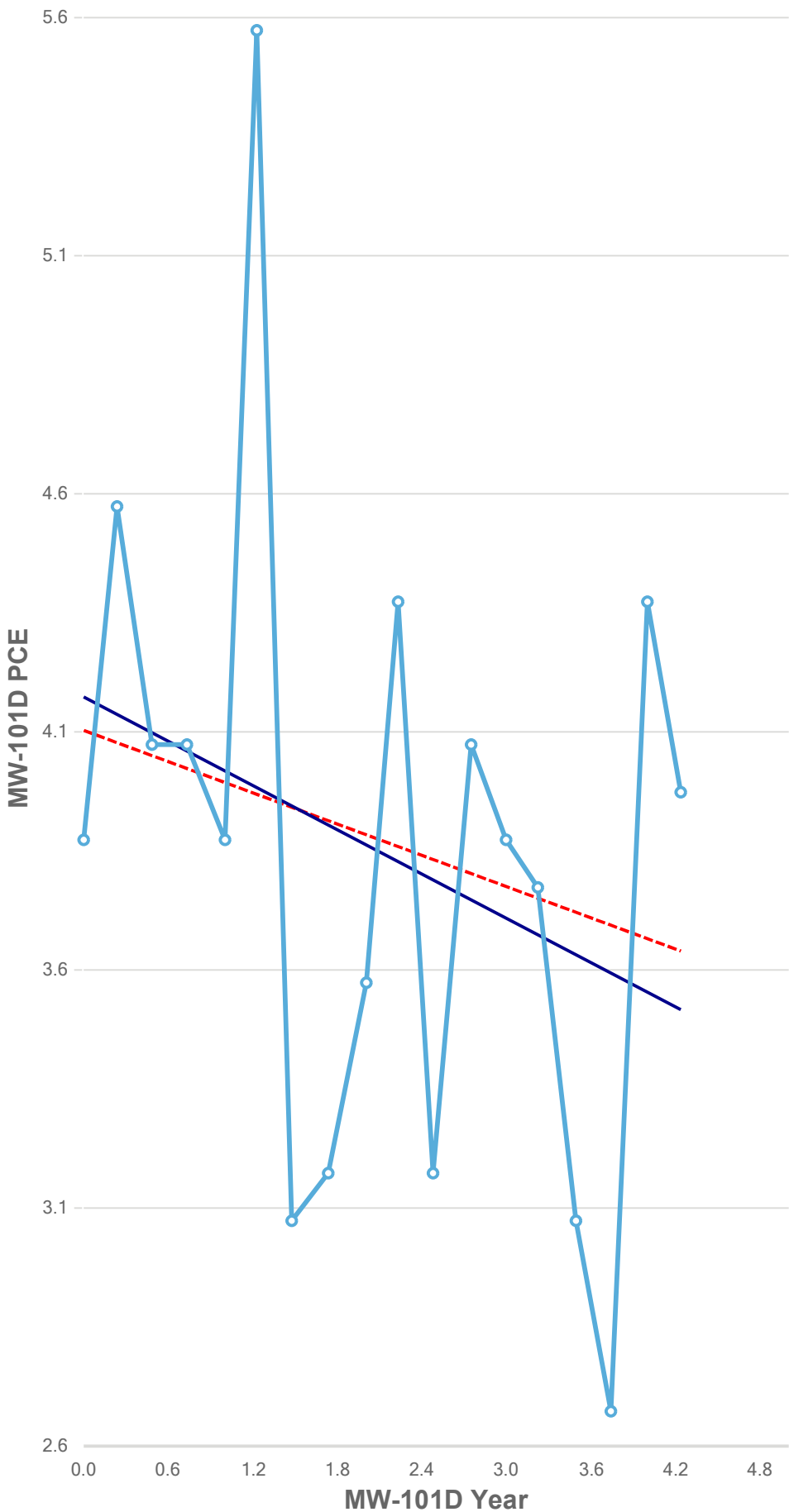
Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	26.3249
Standardized Value of S	-3.1149
M-K Test Value (S)	-83
Tabulated p-value	0.0010
Approximate p-value	0.0009

OLS Regression Line (Blue)	
OLS Regression Slope	-0.5648
OLS Regression Intercept	5.6881

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.5427
Theil-Sen Intercept	5.2970

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



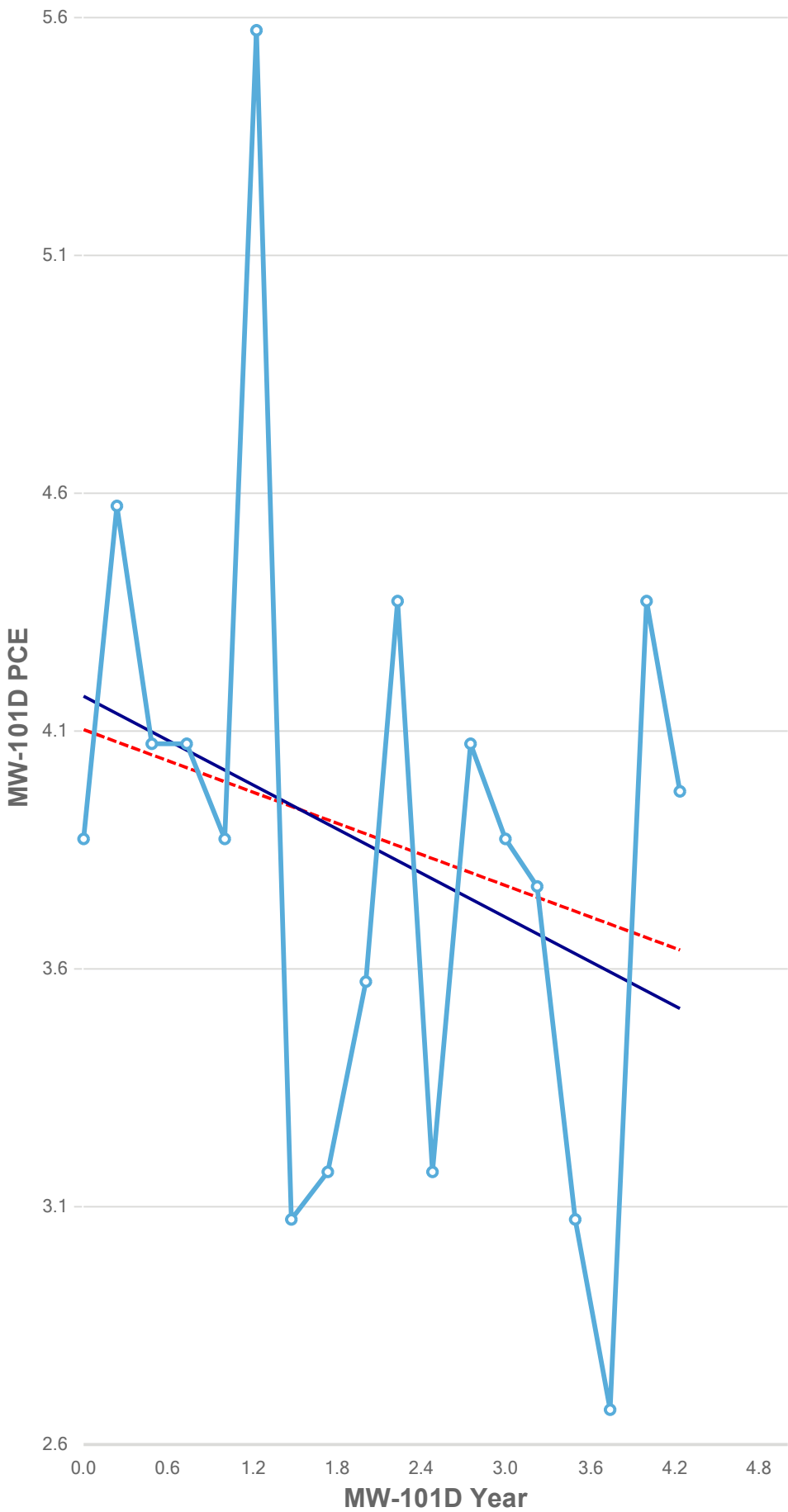
Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	26.2043
Standardized Value of S	-1.1830
M-K Test Value (S)	-32
Tabulated p-value	0.1150
Approximate p-value	0.1184

OLS Regression Line (Blue)	
OLS Regression Slope	-0.1550
OLS Regression Intercept	4.1997

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.1095
Theil-Sen Intercept	4.1315

Statistically significant evidence of a decreasing trend at the specified level of significance.

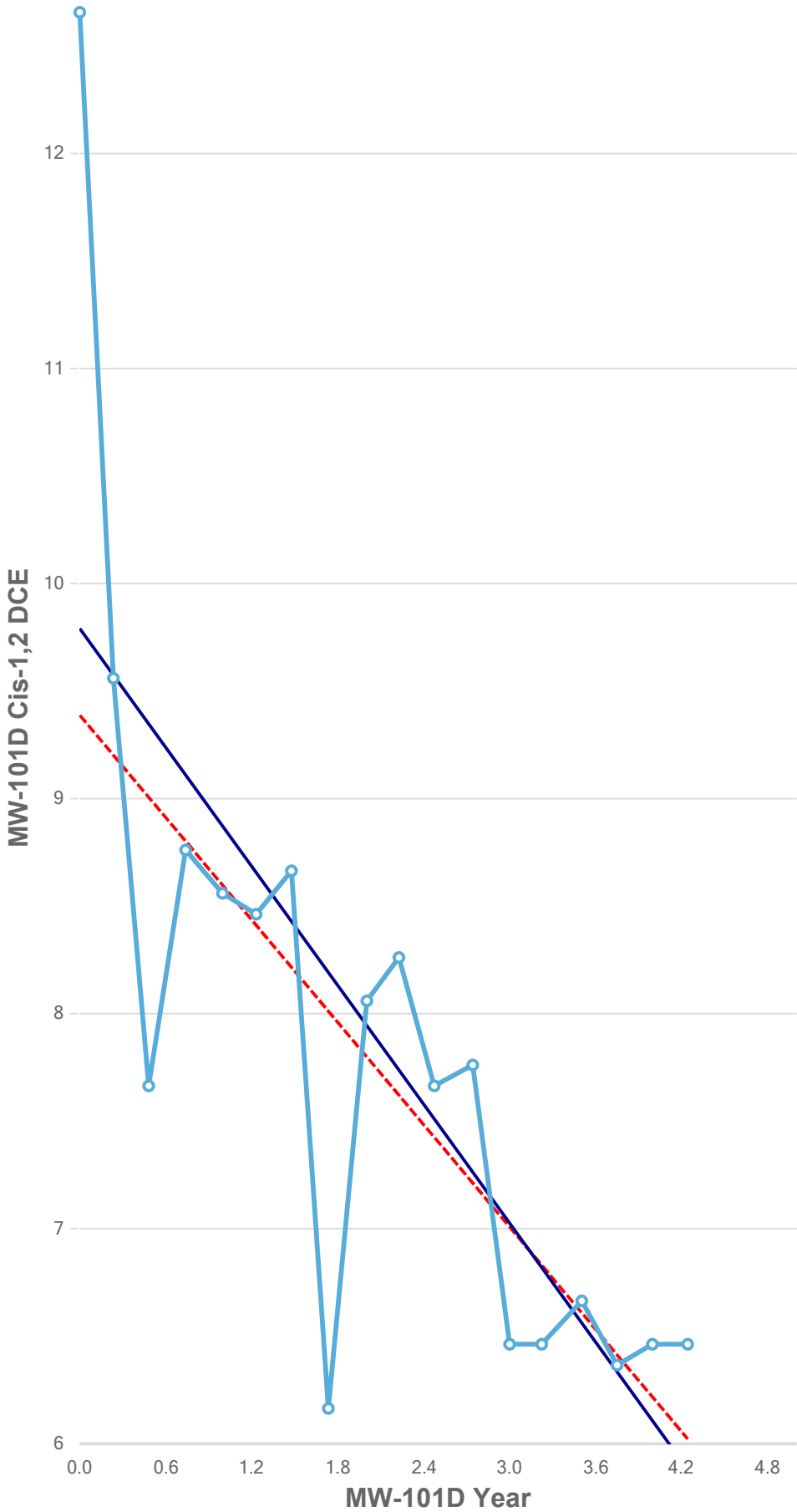
Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	26.2043
Standardized Value of S	-1.1830
M-K Test Value (S)	-32
Tabulated p-value	0.1150
Approximate p-value	0.1184
OLS Regression Line (Blue)	
OLS Regression Slope	-0.1550
OLS Regression Intercept	4.1997
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.1095
Theil-Sen Intercept	4.1315
Insufficient statistical evidence of a significant trend at the specified level of significance.	

Mann-Kendall Trend Test

MW-101D Cis-1,2 DCE



Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	26.2170
Standardized Value of S	-3.6236
M-K Test Value (S)	-96
Tabulated p-value	0.0000
Approximate p-value	0.0001

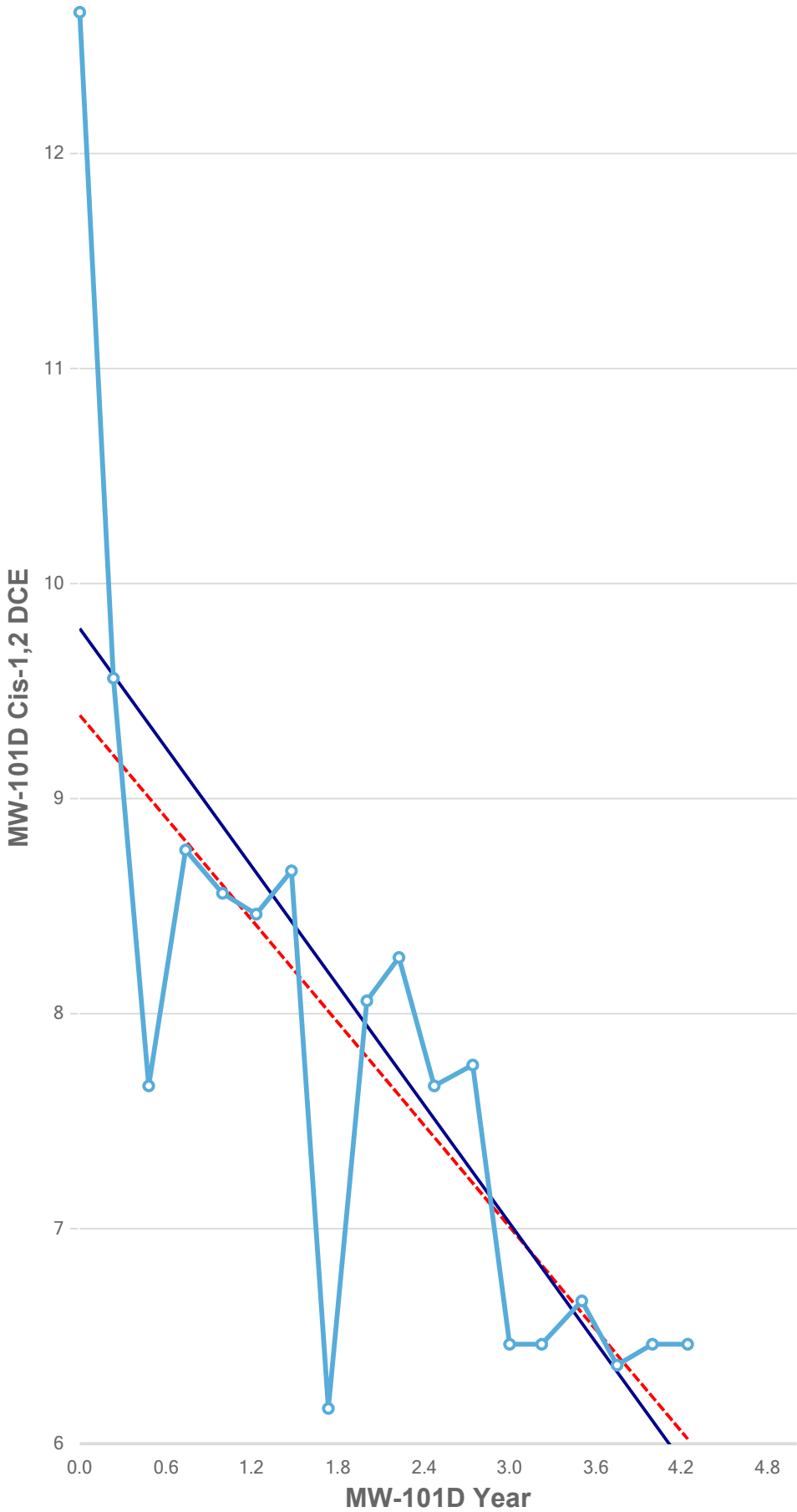
OLS Regression Line (Blue)	
OLS Regression Slope	-0.9249
OLS Regression Intercept	10.1322

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.7944
Theil-Sen Intercept	9.7292

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test

MW-101D Cis-1,2 DCE



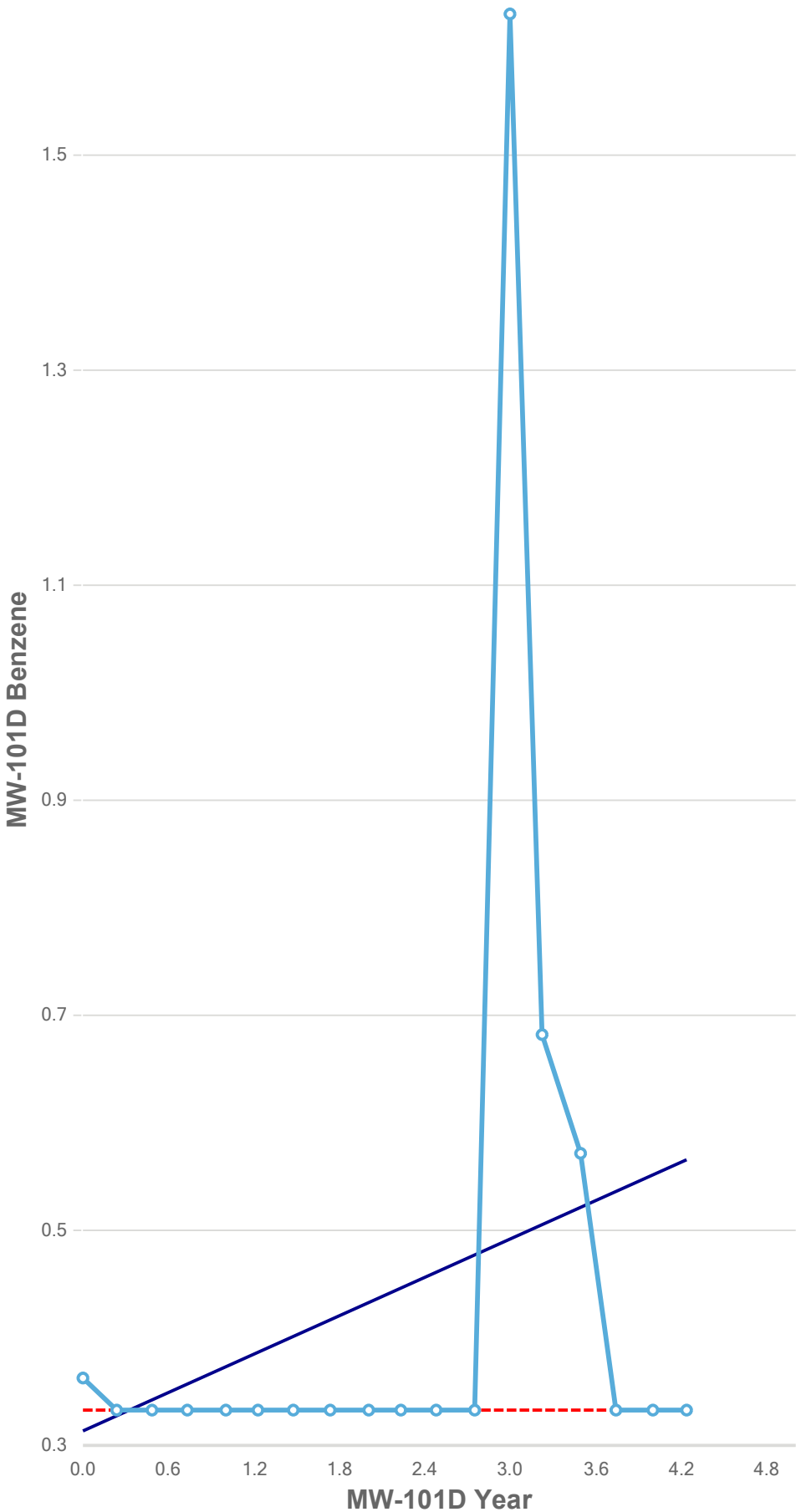
Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	26.2170
Standardized Value of S	-3.6236
M-K Test Value (S)	-96
Tabulated p-value	0.0000
Approximate p-value	0.0001

OLS Regression Line (Blue)	
OLS Regression Slope	-0.9249
OLS Regression Intercept	10.1322

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.7944
Theil-Sen Intercept	9.7292

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



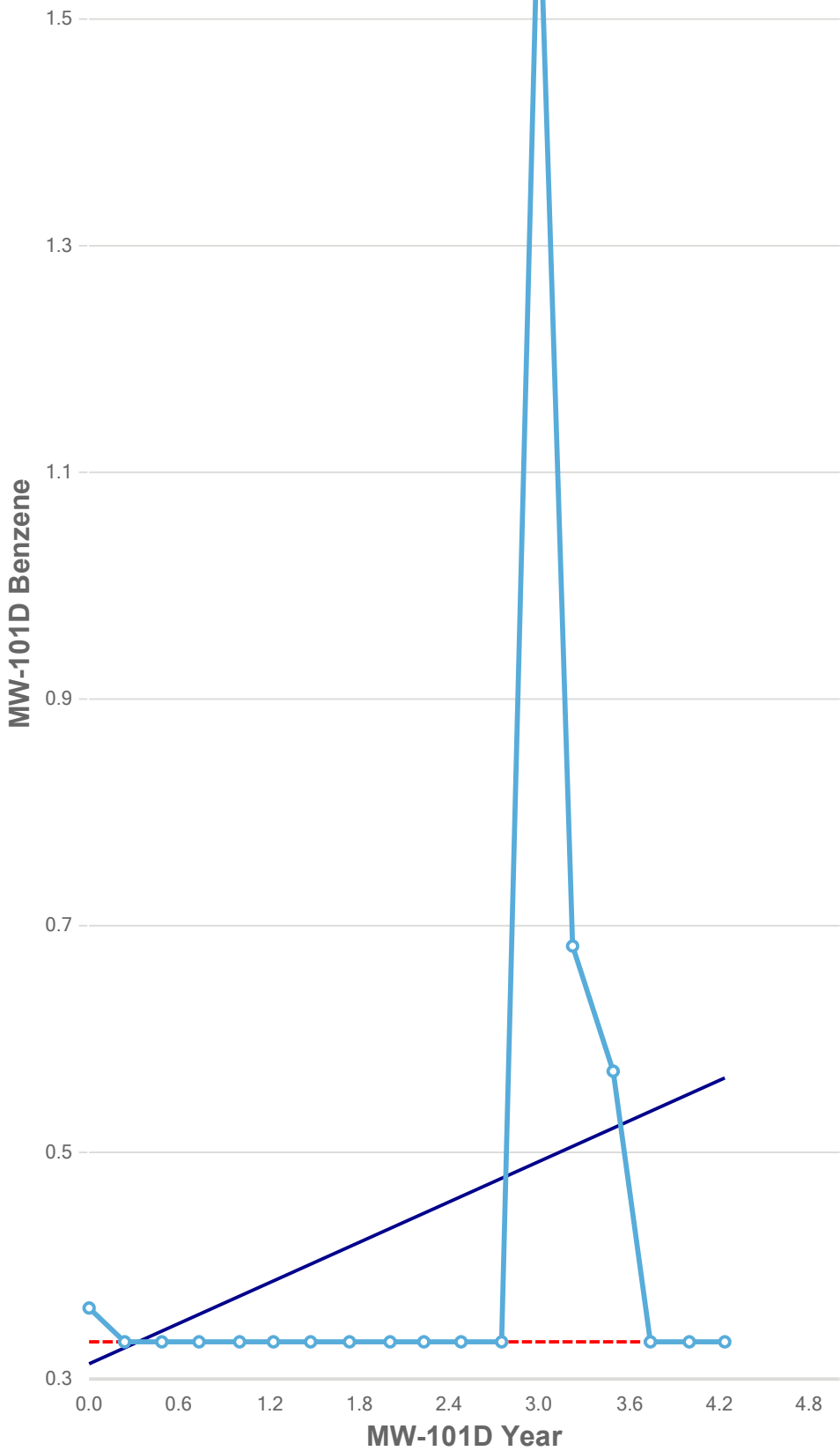
Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	19.0613
Standardized Value of S	0.4722
M-K Test Value (S)	10
Tabulated p-value	0.3540
Approximate p-value	0.3184

OLS Regression Line (Blue)	
OLS Regression Slope	0.0597
OLS Regression Intercept	0.2805

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0000
Theil-Sen Intercept	0.3000

Insufficient statistical evidence
of a significant trend at the
specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	18
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	19.0613
Standardized Value of S	0.4722
M-K Test Value (S)	10
Tabulated p-value	0.3540
Approximate p-value	0.3184
OLS Regression Line (Blue)	
OLS Regression Slope	0.0597
OLS Regression Intercept	0.2805
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0000
Theil-Sen Intercept	0.3000
Insufficient statistical evidence of a significant trend at the specified level of significance.	