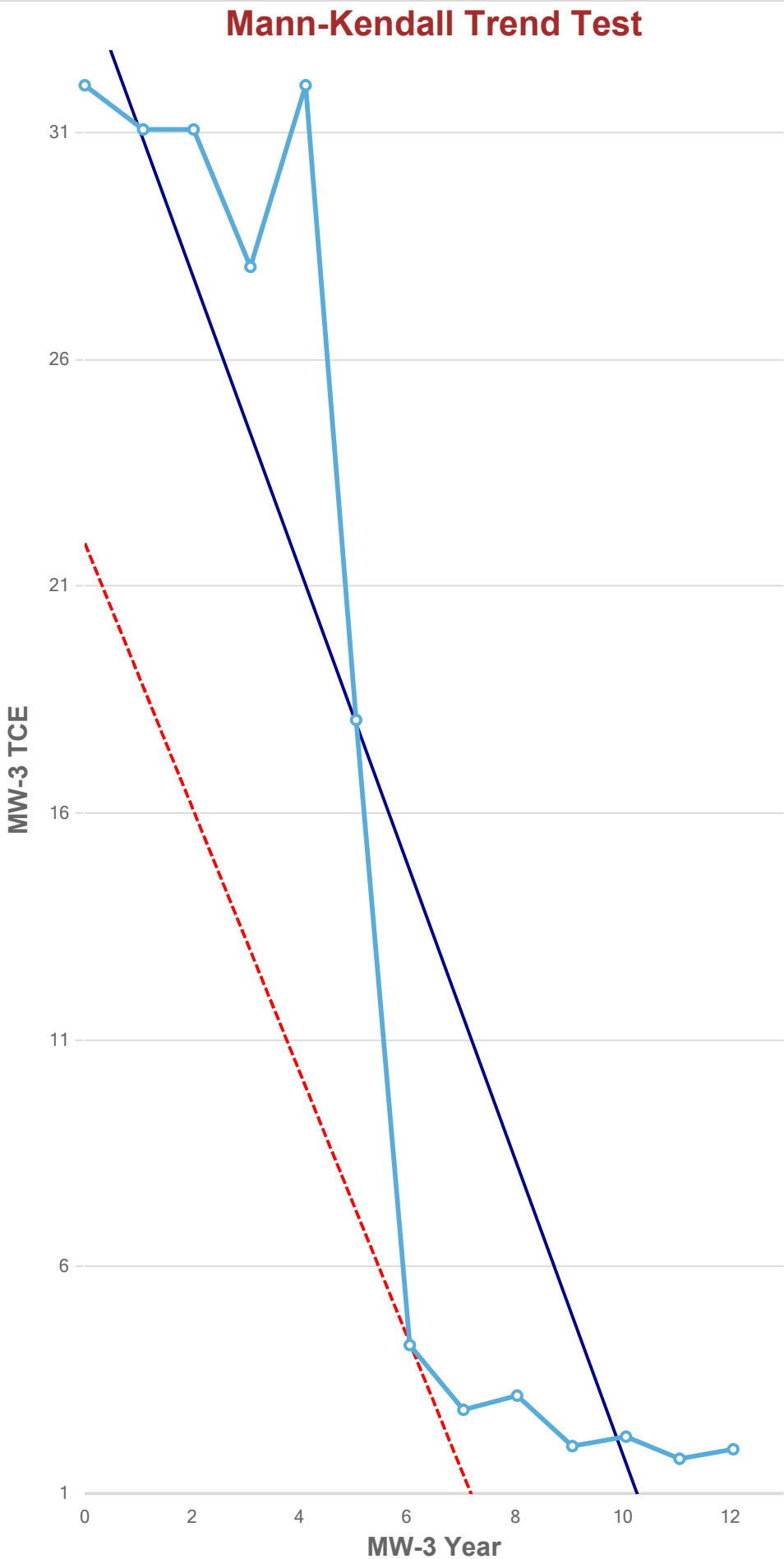
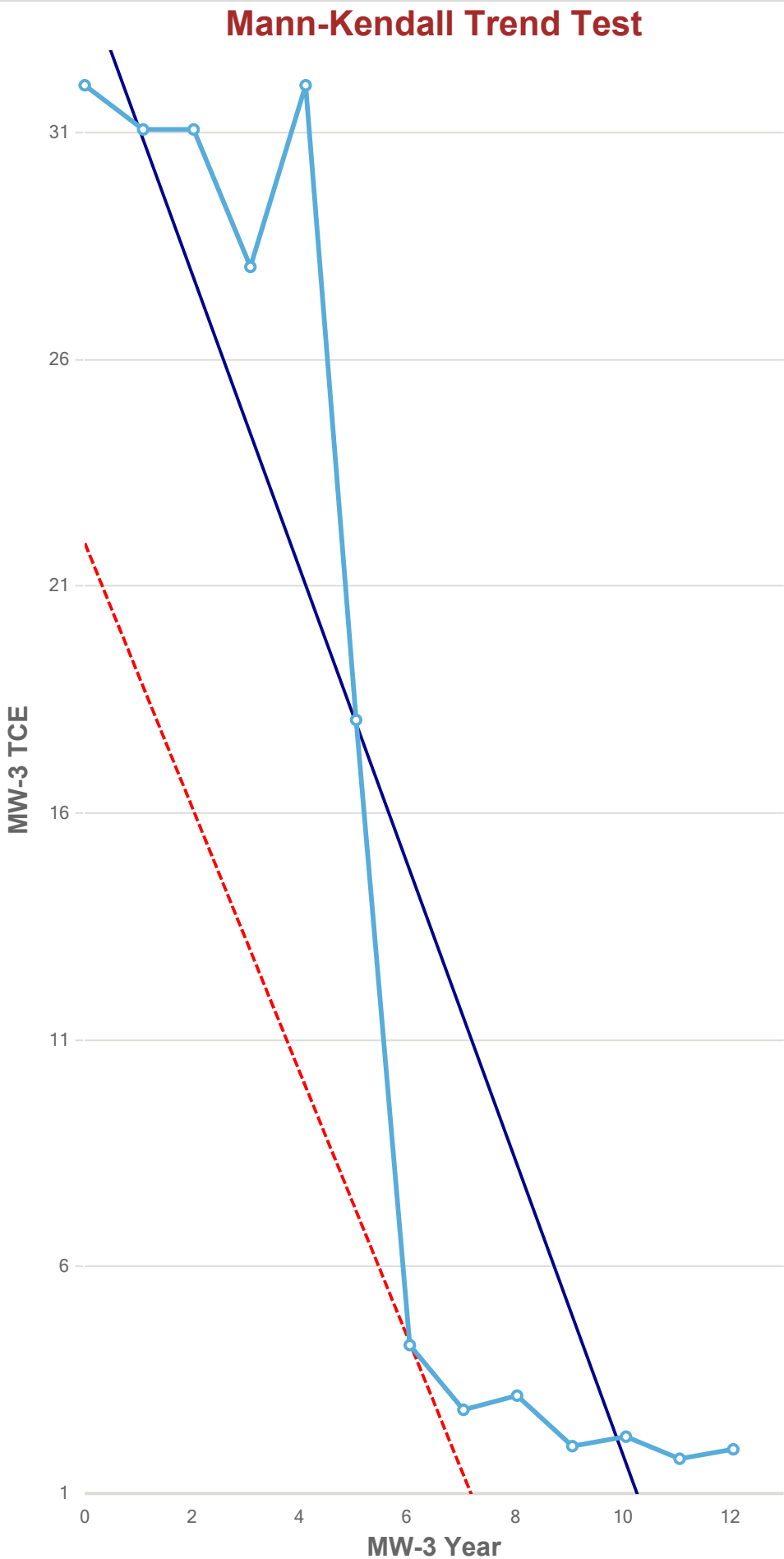


Mann-Kendall Trend Test



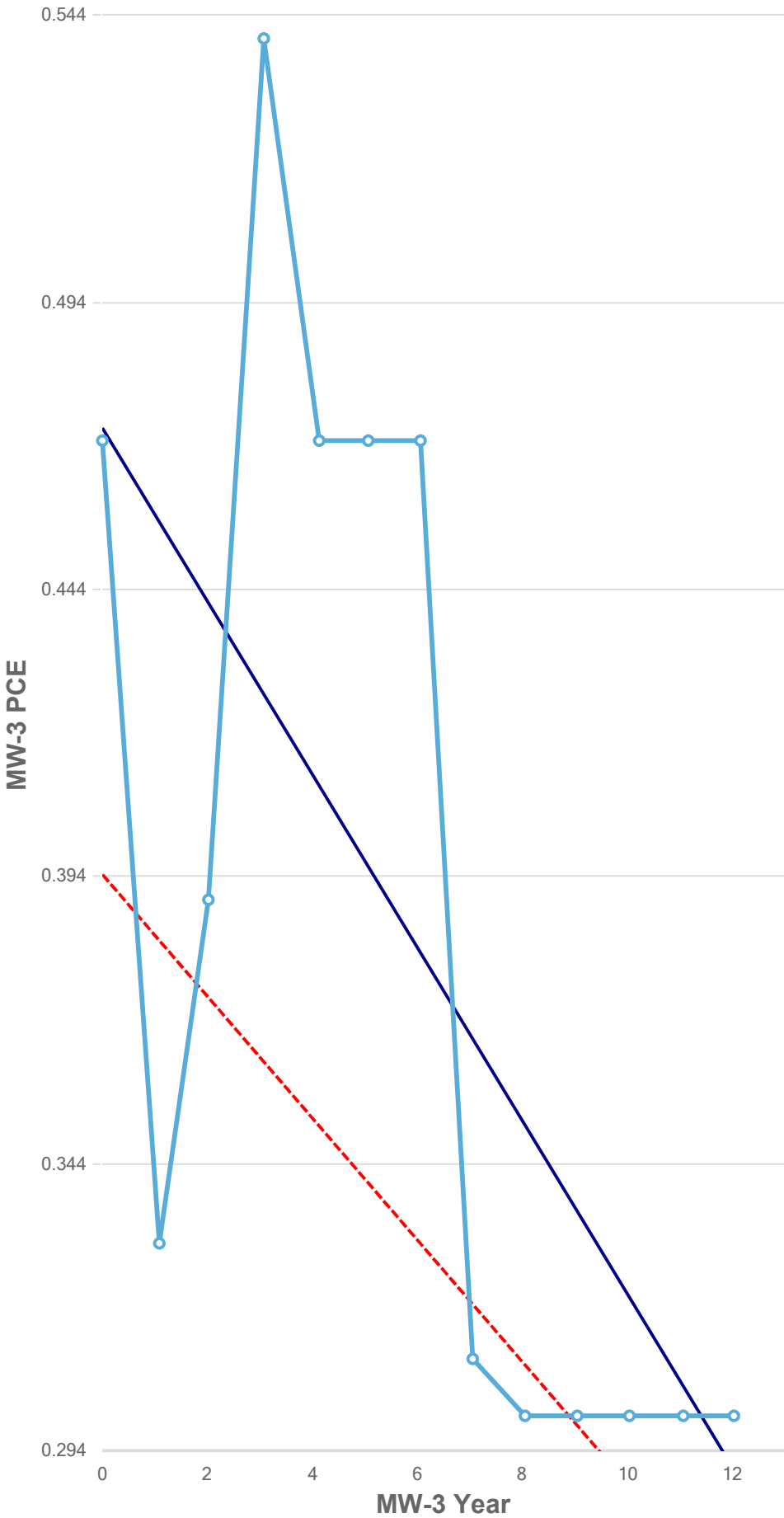
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3299
Standardized Value of S	-3.8579
M-K Test Value (S)	-64
Tabulated p-value	0.0000
Approximate p-value	0.0001
OLS Regression Line (Blue)	
OLS Regression Slope	-3.2542
OLS Regression Intercept	34.3211
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-2.9234
Theil-Sen Intercept	21.9007
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3299
Standardized Value of S	-3.8579
M-K Test Value (S)	-64
Tabulated p-value	0.0000
Approximate p-value	0.0001
OLS Regression Line (Blue)	
OLS Regression Slope	-3.2542
OLS Regression Intercept	34.3211
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-2.9234
Theil-Sen Intercept	21.9007
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



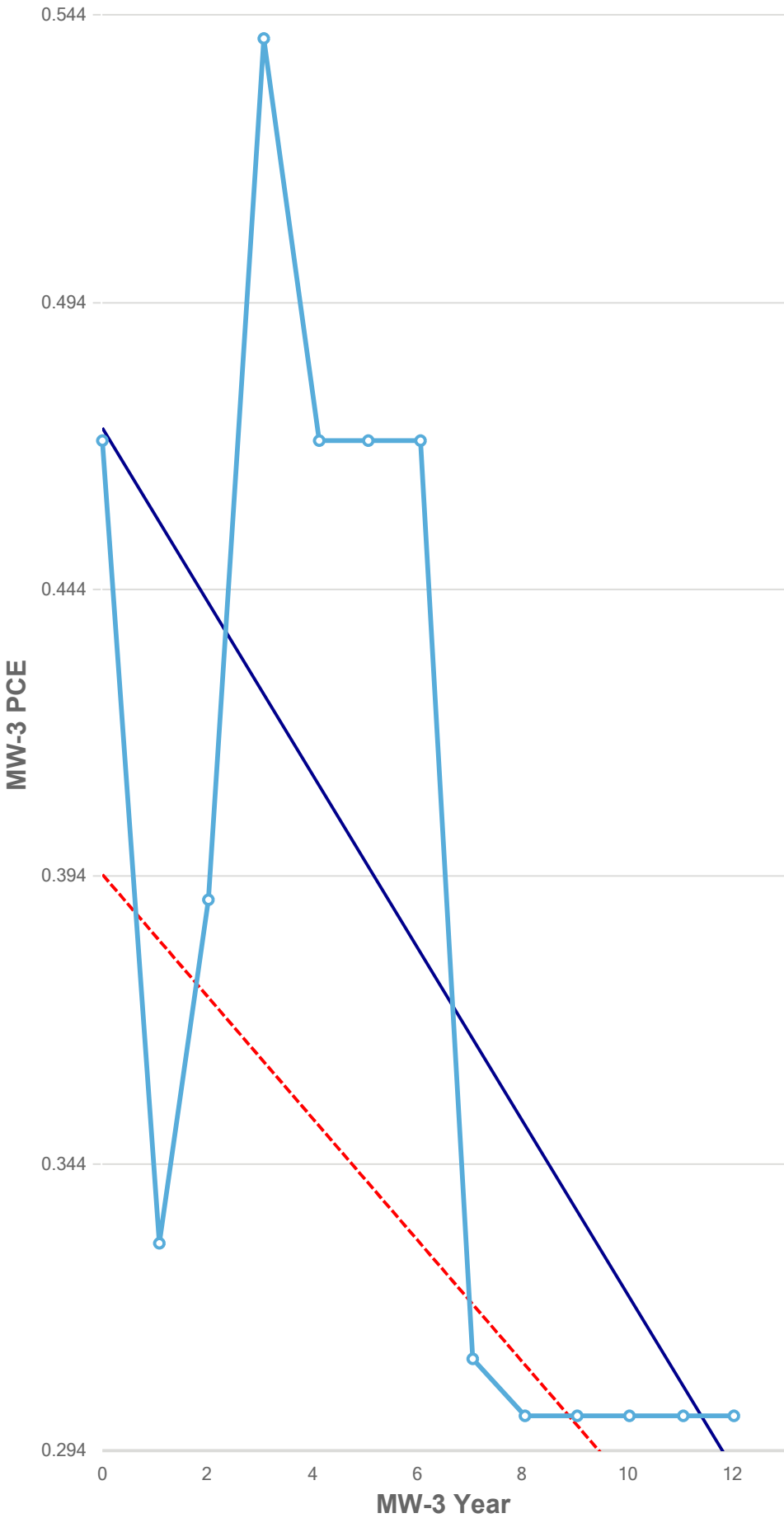
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	15.5991
Standardized Value of S	-2.6283
M-K Test Value (S)	-42
Tabulated p-value	0.0050
Approximate p-value	0.0043

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0151
OLS Regression Intercept	0.4722

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0106
Theil-Sen Intercept	0.3943

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

Mann-Kendall Trend Test



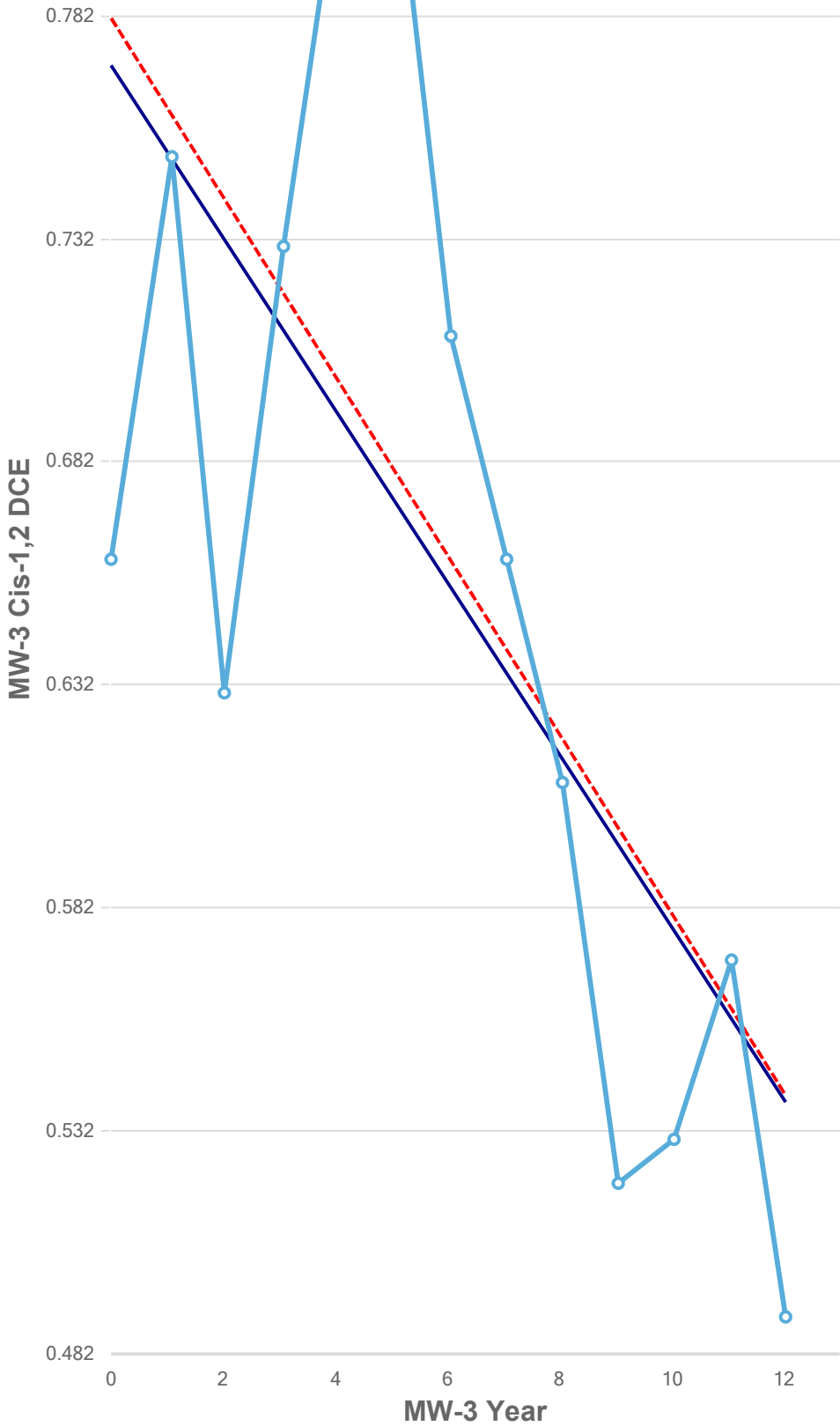
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	15.5991
Standardized Value of S	-2.6283
M-K Test Value (S)	-42
Tabulated p-value	0.0050
Approximate p-value	0.0043

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0151
OLS Regression Intercept	0.4722

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0106
Theil-Sen Intercept	0.3943

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

Mann-Kendall Trend Test



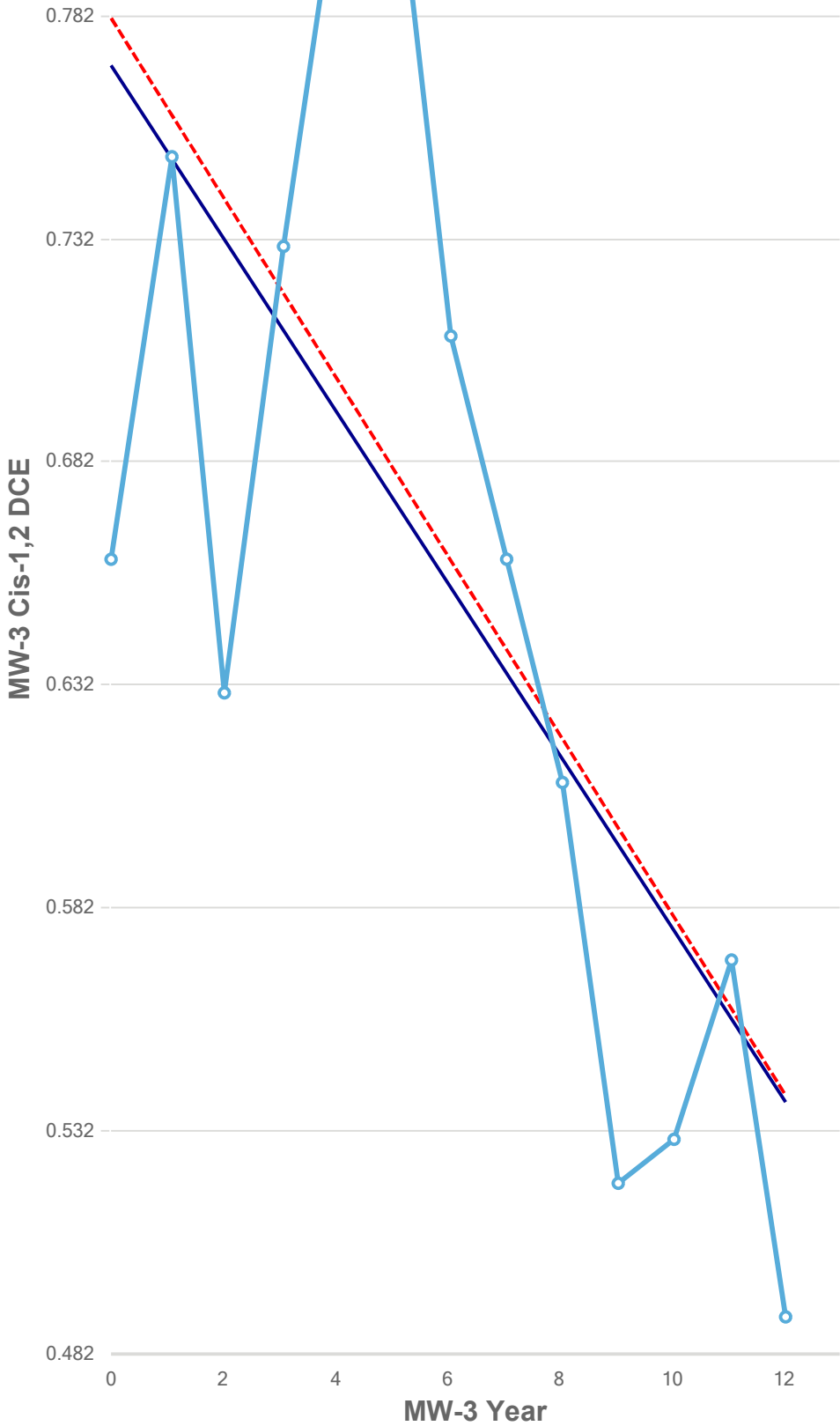
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3299
Standardized Value of S	-2.5107
M-K Test Value (S)	-42
Tabulated p-value	0.0050
Approximate p-value	0.0060

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0193
OLS Regression Intercept	0.7707

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0200
Theil-Sen Intercept	0.7814

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

Mann-Kendall Trend Test



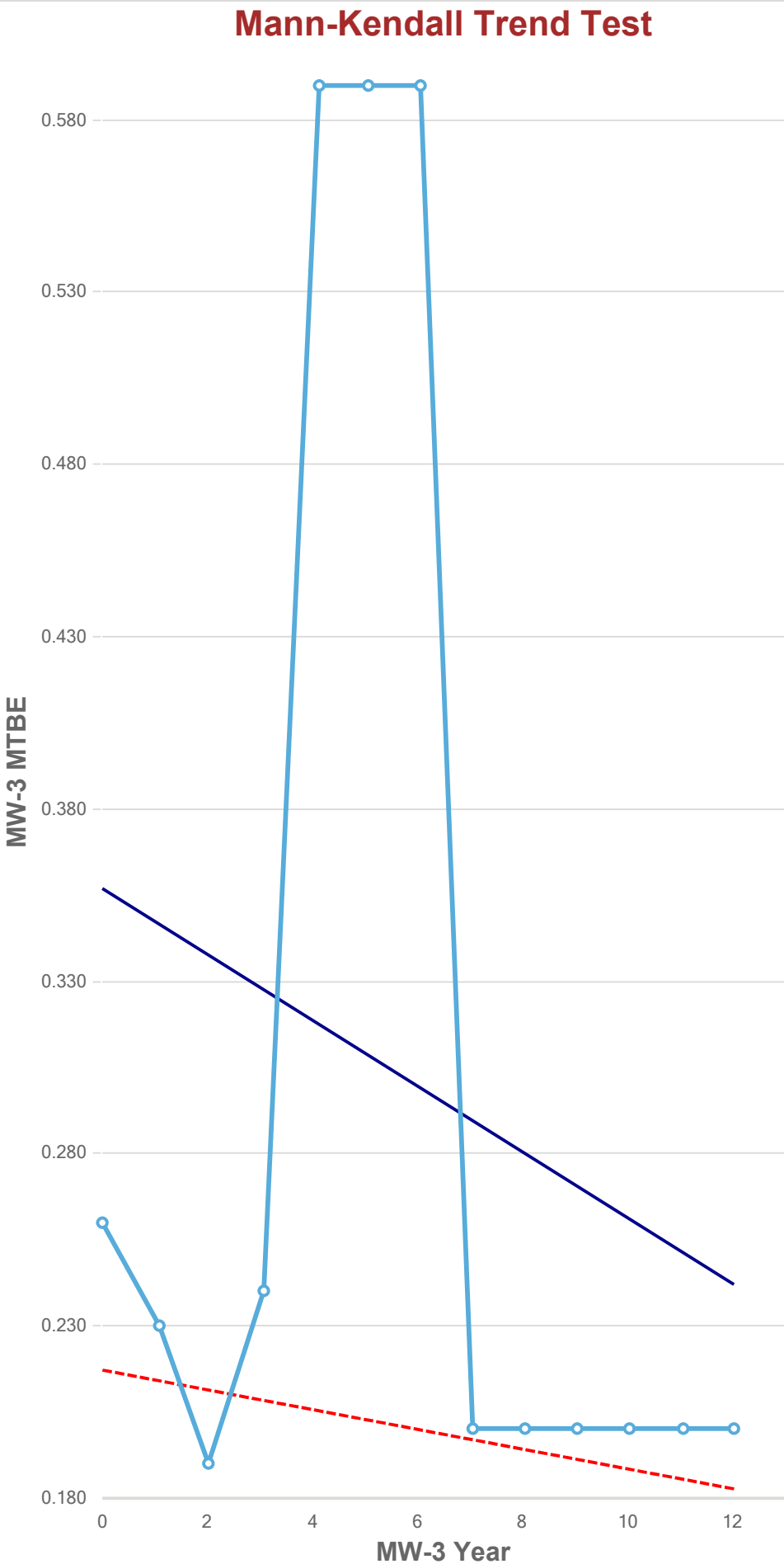
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3299
Standardized Value of S	-2.5107
M-K Test Value (S)	-42
Tabulated p-value	0.0050
Approximate p-value	0.0060

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0193
OLS Regression Intercept	0.7707

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0200
Theil-Sen Intercept	0.7814

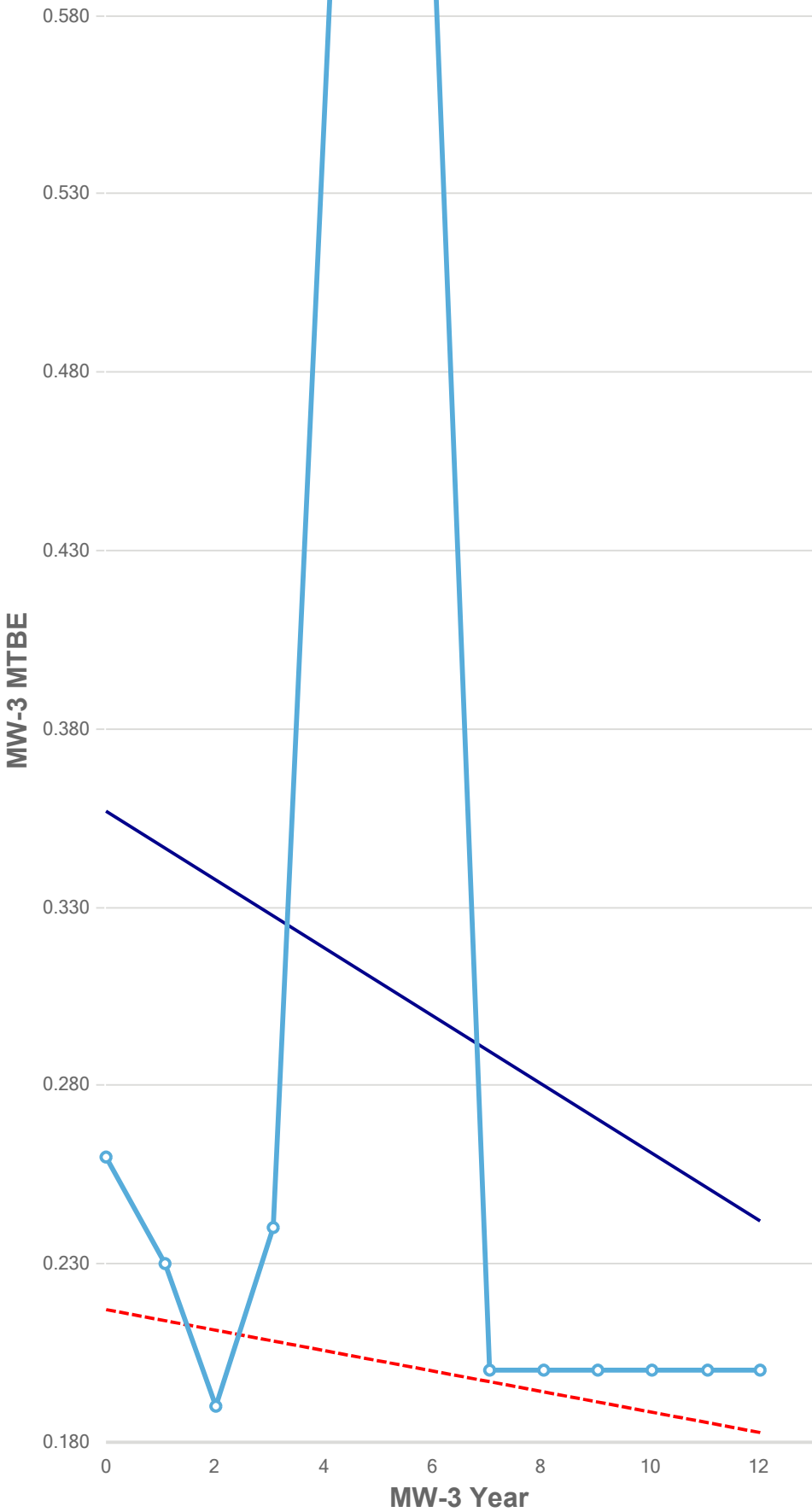
Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	15.3840
Standardized Value of S	-1.2351
M-K Test Value (S)	-20
Tabulated p-value	0.1260
Approximate p-value	0.1084
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0095
OLS Regression Intercept	0.3570
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0029
Theil-Sen Intercept	0.2174
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



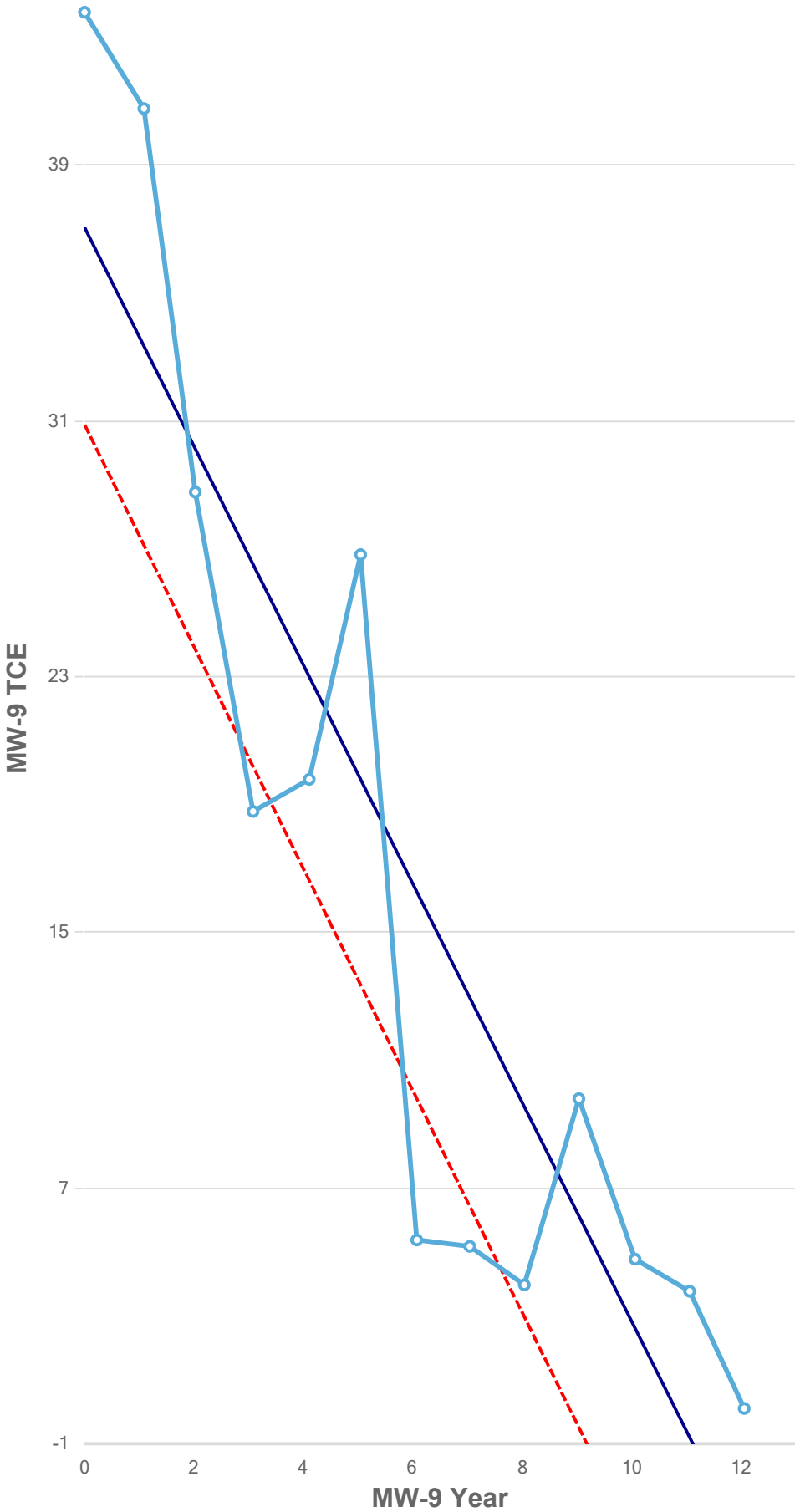
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	15.3840
Standardized Value of S	-1.2351
M-K Test Value (S)	-20
Tabulated p-value	0.1260
Approximate p-value	0.1084

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0095
OLS Regression Intercept	0.3570

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0029
Theil-Sen Intercept	0.2174

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

Mann-Kendall Trend Test



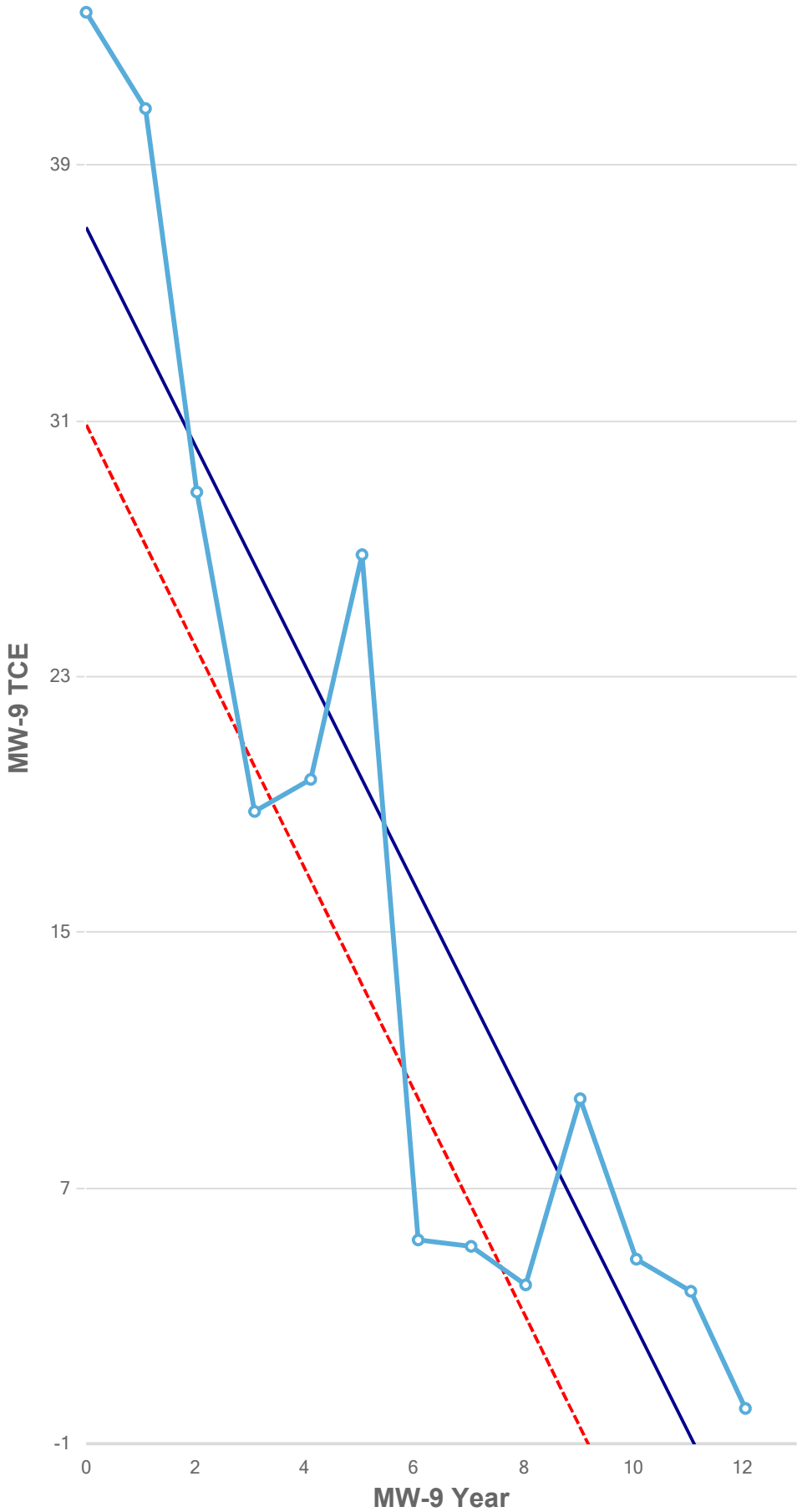
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3911
Standardized Value of S	-3.8436
M-K Test Value (S)	-64
Tabulated p-value	0.0000
Approximate p-value	0.0001

OLS Regression Line (Blue)	
OLS Regression Slope	-3.4267
OLS Regression Intercept	37.2583

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-3.4762
Theil-Sen Intercept	31.0669

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

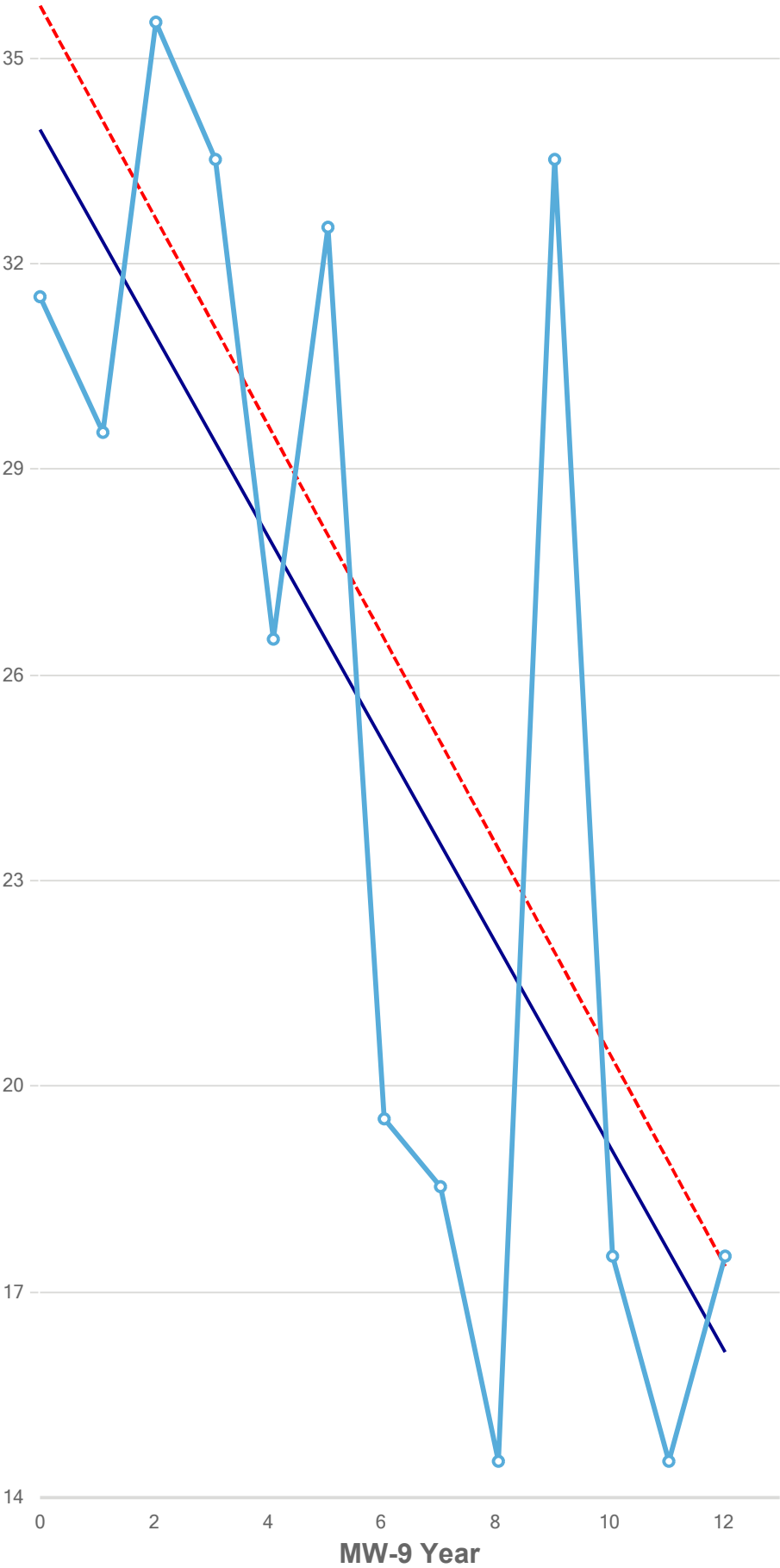
Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3911
Standardized Value of S	-3.8436
M-K Test Value (S)	-64
Tabulated p-value	0.0000
Approximate p-value	0.0001
OLS Regression Line (Blue)	
OLS Regression Slope	-3.4267
OLS Regression Intercept	37.2583
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-3.4762
Theil-Sen Intercept	31.0669
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test

MW-9 Cis-1,2 DCE



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.2993
Standardized Value of S	-2.4541
M-K Test Value (S)	-41
Tabulated p-value	0.0070
Approximate p-value	0.0071

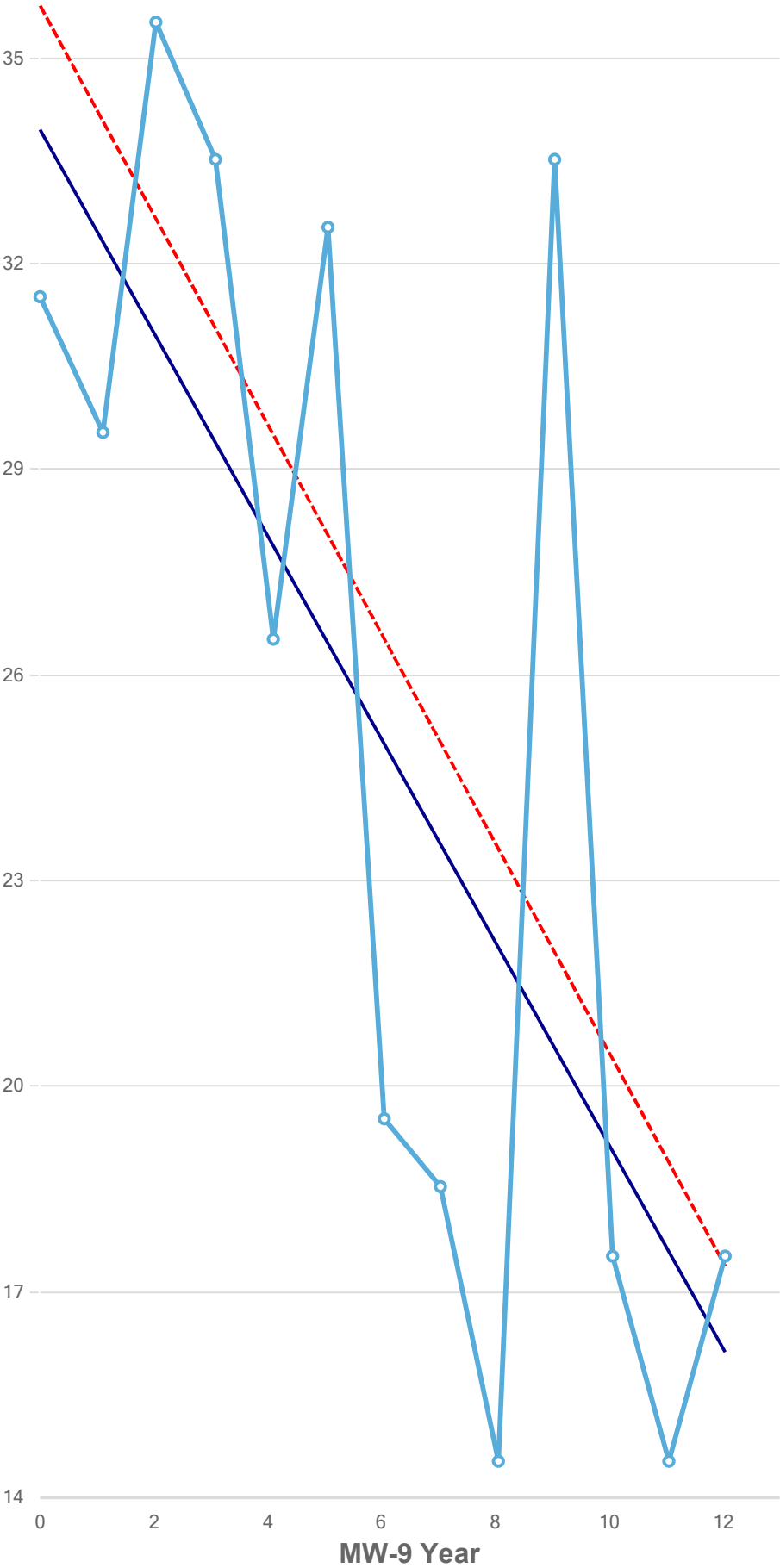
OLS Regression Line (Blue)	
OLS Regression Slope	-1.4781
OLS Regression Intercept	34.4153

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.5251
Theil-Sen Intercept	36.2428

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

Mann-Kendall Trend Test

MW-9 Cis-1,2 DCE



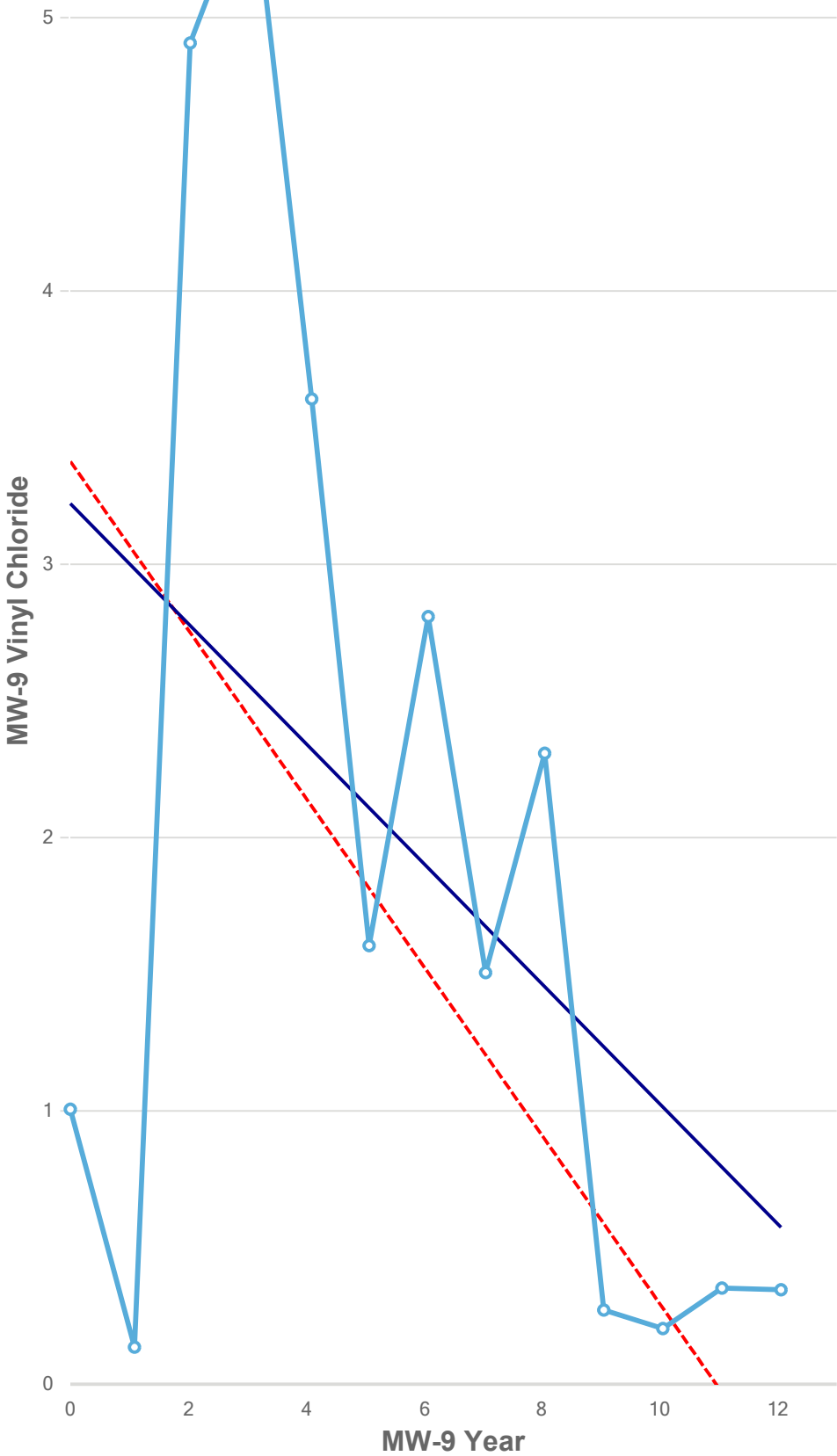
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.2993
Standardized Value of S	-2.4541
M-K Test Value (S)	-41
Tabulated p-value	0.0070
Approximate p-value	0.0071

OLS Regression Line (Blue)	
OLS Regression Slope	-1.4781
OLS Regression Intercept	34.4153

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.5251
Theil-Sen Intercept	36.2428

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

Mann-Kendall Trend Test



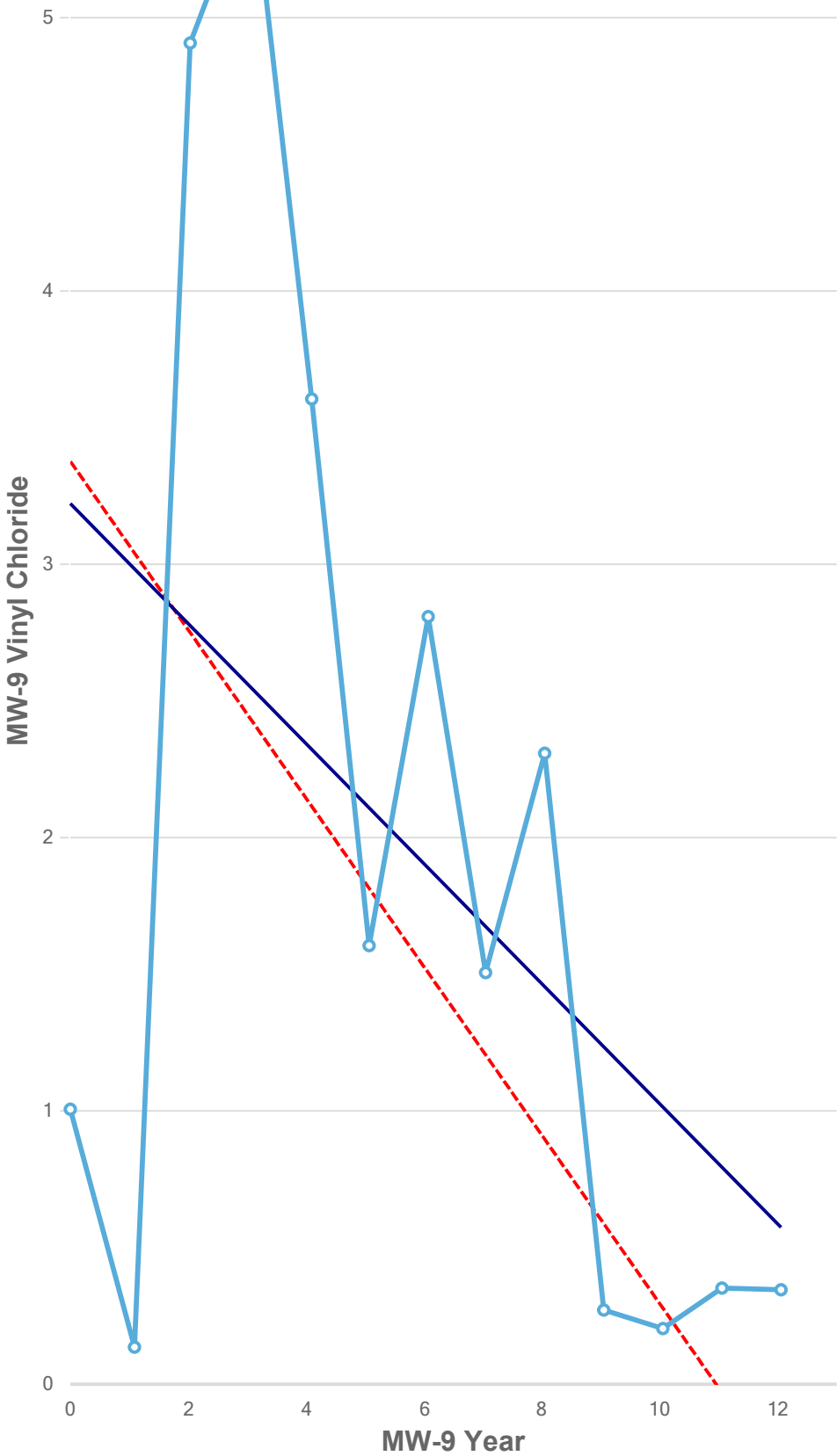
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3911
Standardized Value of S	-1.5252
M-K Test Value (S)	-26
Tabulated p-value	0.0640
Approximate p-value	0.0636

OLS Regression Line (Blue)	
OLS Regression Slope	-0.2195
OLS Regression Intercept	3.3133

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.3085
Theil-Sen Intercept	3.4695

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

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3911
Standardized Value of S	-1.5252
M-K Test Value (S)	-26
Tabulated p-value	0.0640
Approximate p-value	0.0636
OLS Regression Line (Blue)	
OLS Regression Slope	-0.2195
OLS Regression Intercept	3.3133
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.3085
Theil-Sen Intercept	3.4695
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test

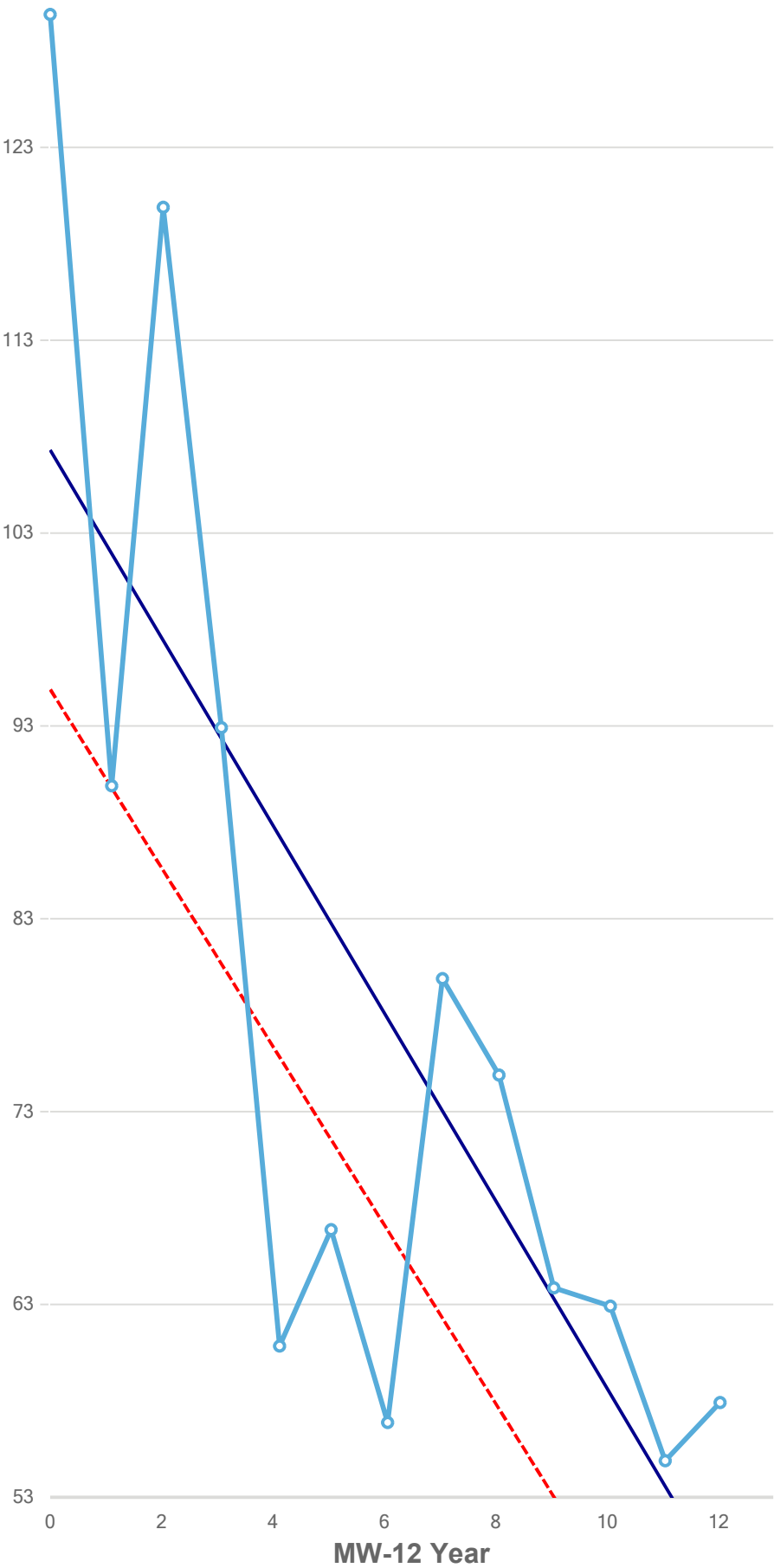
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3911
Standardized Value of S	-2.8674
M-K Test Value (S)	-48
Tabulated p-value	0.0010
Approximate p-value	0.0021

OLS Regression Line (Blue)	
OLS Regression Slope	-4.8592
OLS Regression Intercept	107.3801

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-4.6231
Theil-Sen Intercept	94.9921

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

MW-12 TCE



Mann-Kendall Trend Test

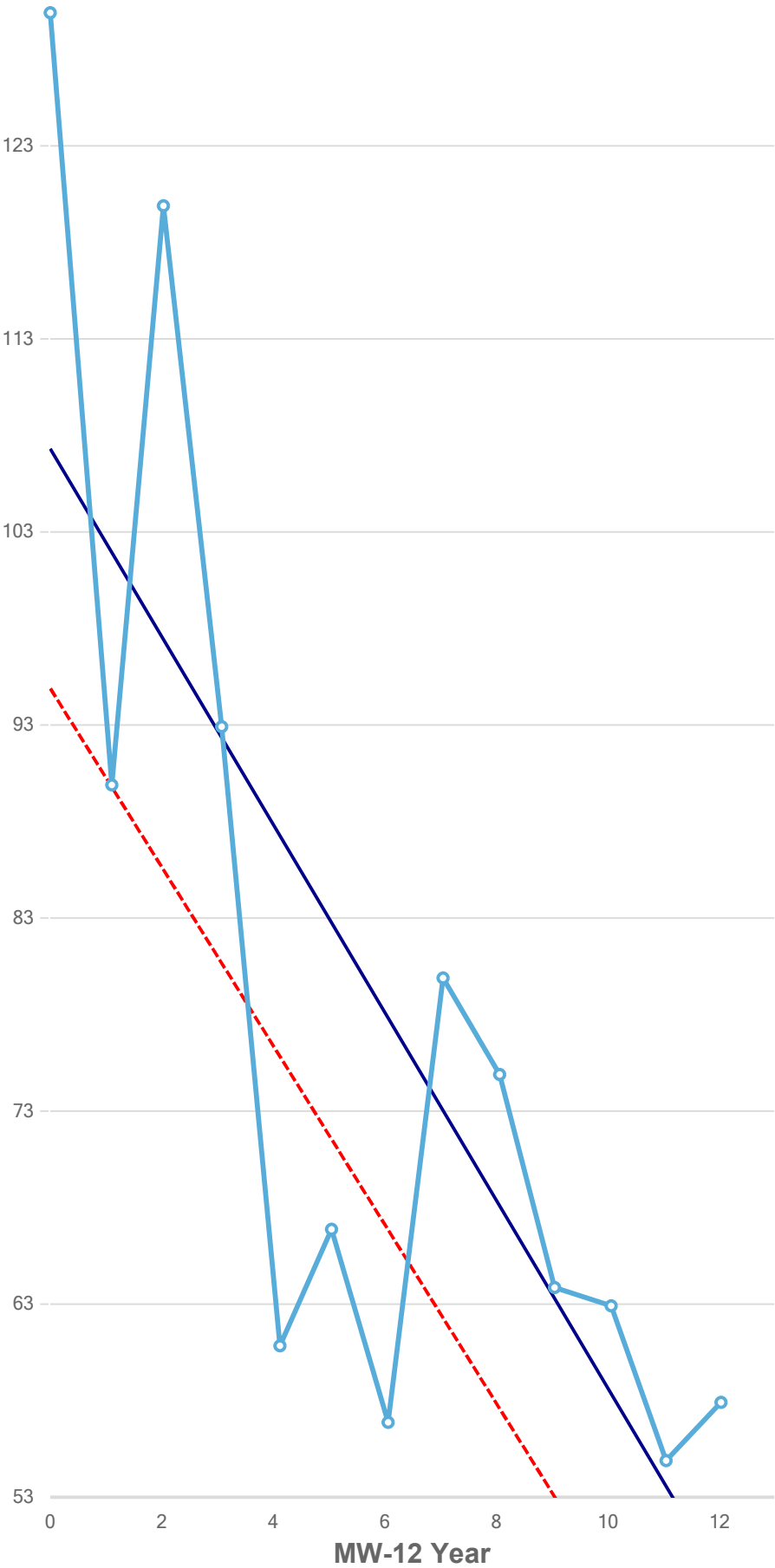
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3911
Standardized Value of S	-2.8674
M-K Test Value (S)	-48
Tabulated p-value	0.0010
Approximate p-value	0.0021

OLS Regression Line (Blue)	
OLS Regression Slope	-4.8592
OLS Regression Intercept	107.3801

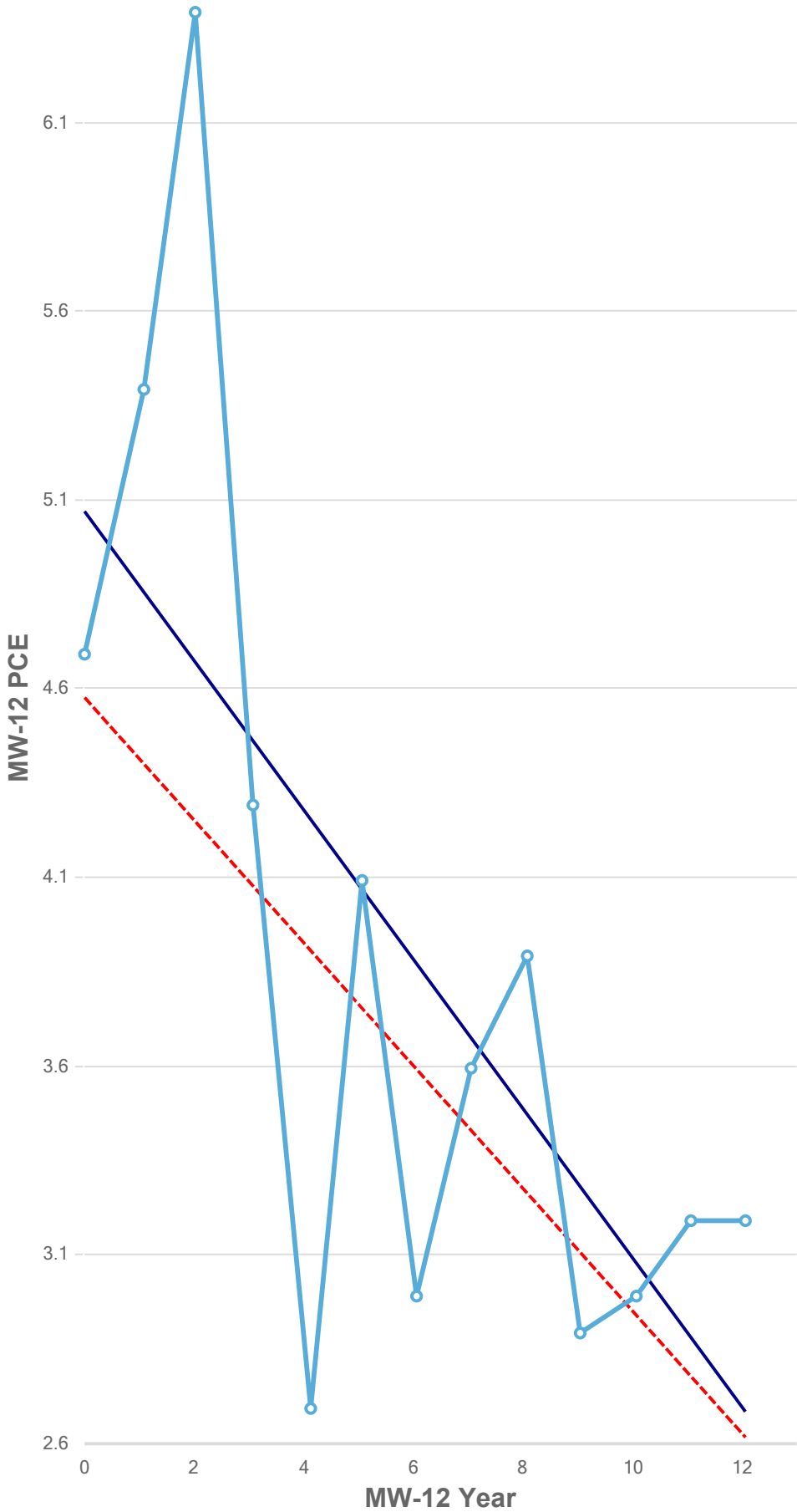
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-4.6231
Theil-Sen Intercept	94.9921

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

MW-12 TCE



Mann-Kendall Trend Test



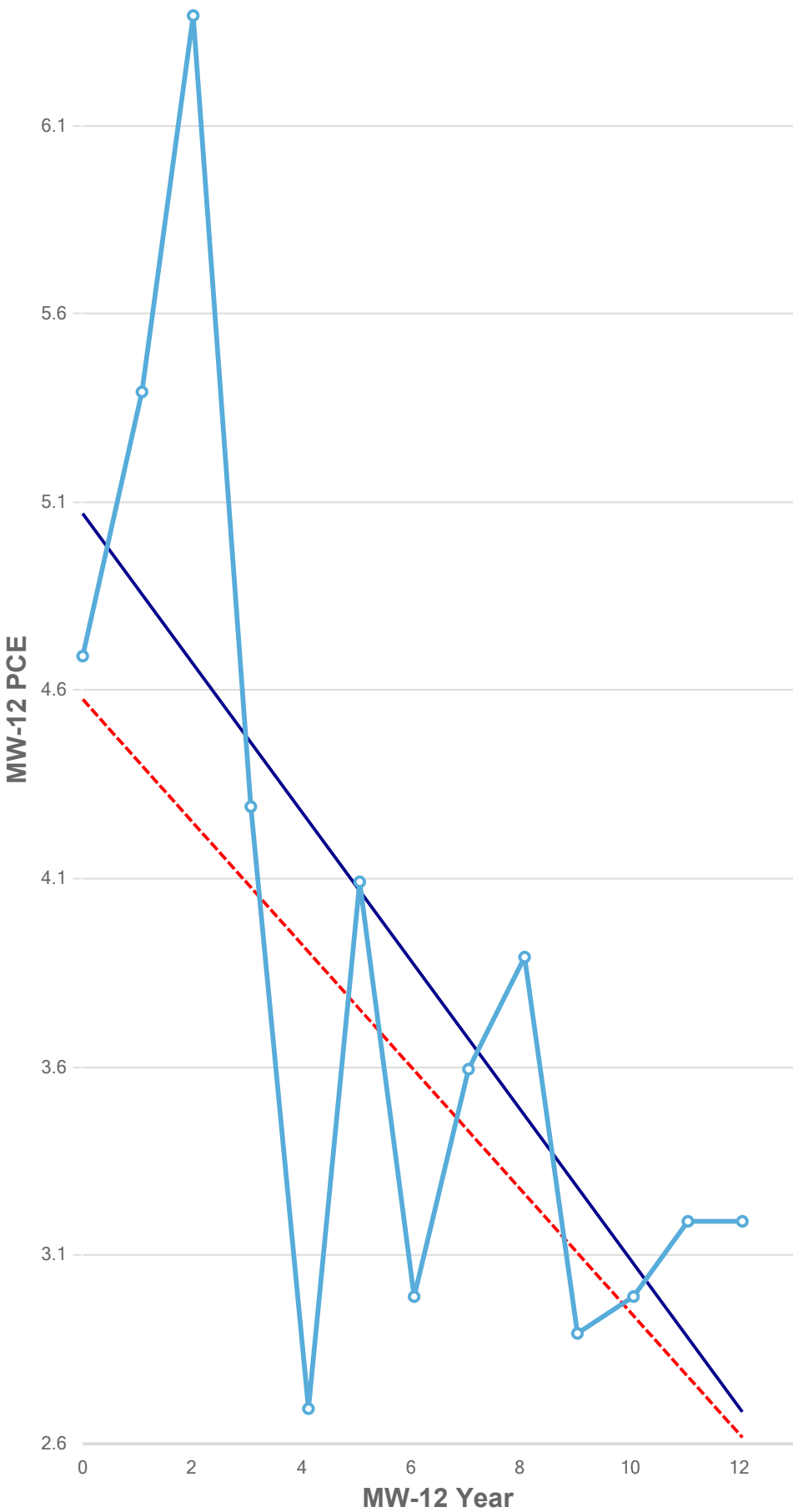
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3299
Standardized Value of S	-2.0208
M-K Test Value (S)	-34
Tabulated p-value	0.0210
Approximate p-value	0.0216

OLS Regression Line (Blue)	
OLS Regression Slope	-0.1977
OLS Regression Intercept	5.0754

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.1623
Theil-Sen Intercept	4.5830

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

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3299
Standardized Value of S	-2.0208
M-K Test Value (S)	-34
Tabulated p-value	0.0210
Approximate p-value	0.0216

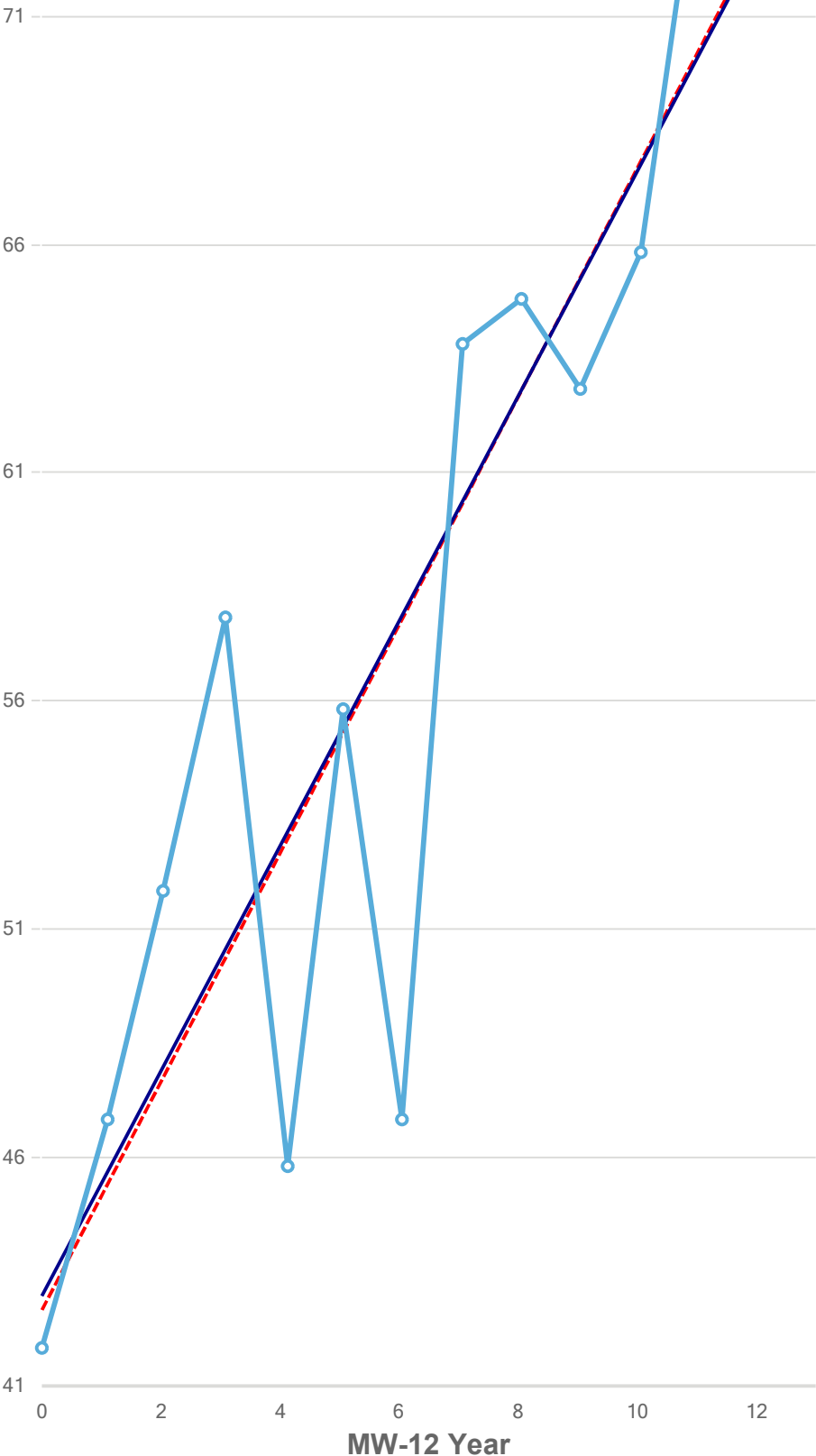
OLS Regression Line (Blue)	
OLS Regression Slope	-0.1977
OLS Regression Intercept	5.0754

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.1623
Theil-Sen Intercept	4.5830

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

Mann-Kendall Trend Test

MW-12 Cis-1,2 DCE



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3605
Standardized Value of S	3.4229
M-K Test Value (S)	57
Tabulated p-value	0.0000
Approximate p-value	0.0003

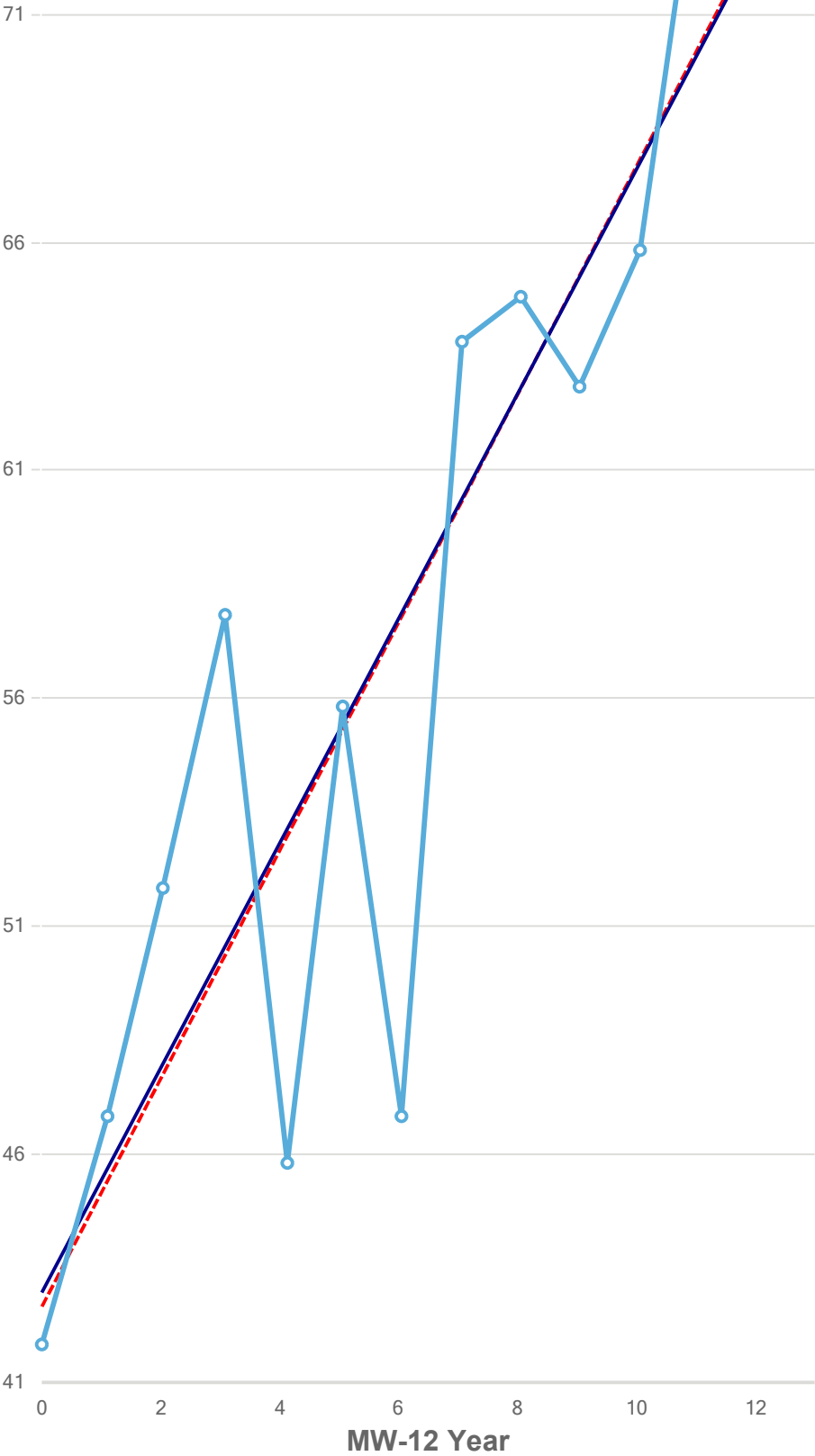
OLS Regression Line (Blue)	
OLS Regression Slope	2.4644
OLS Regression Intercept	43.1375

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	2.5047
Theil-Sen Intercept	42.8346

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

Mann-Kendall Trend Test

MW-12 Cis-1,2 DCE



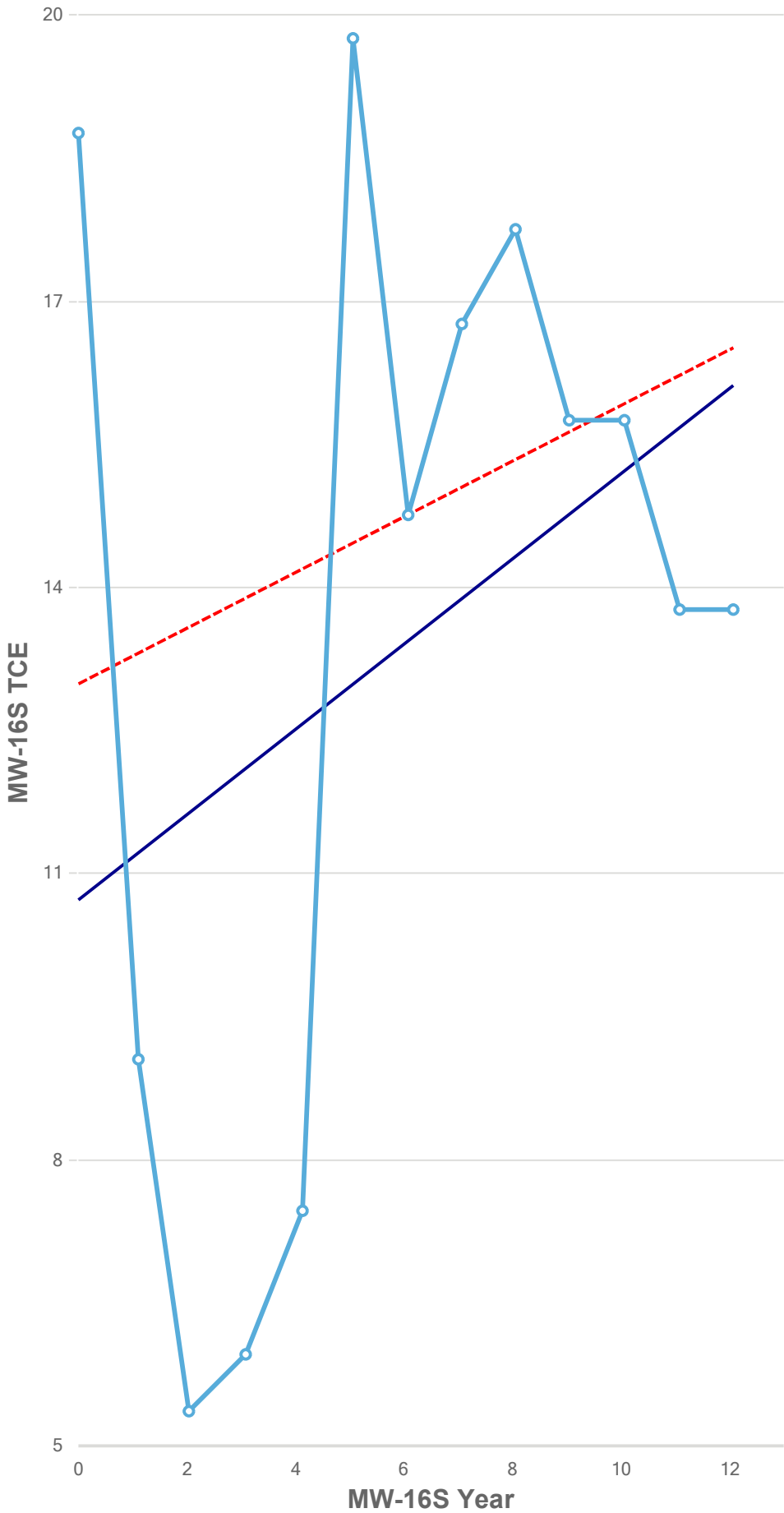
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3605
Standardized Value of S	3.4229
M-K Test Value (S)	57
Tabulated p-value	0.0000
Approximate p-value	0.0003

OLS Regression Line (Blue)	
OLS Regression Slope	2.4644
OLS Regression Intercept	43.1375

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	2.5047
Theil-Sen Intercept	42.8346

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

Mann-Kendall Trend Test



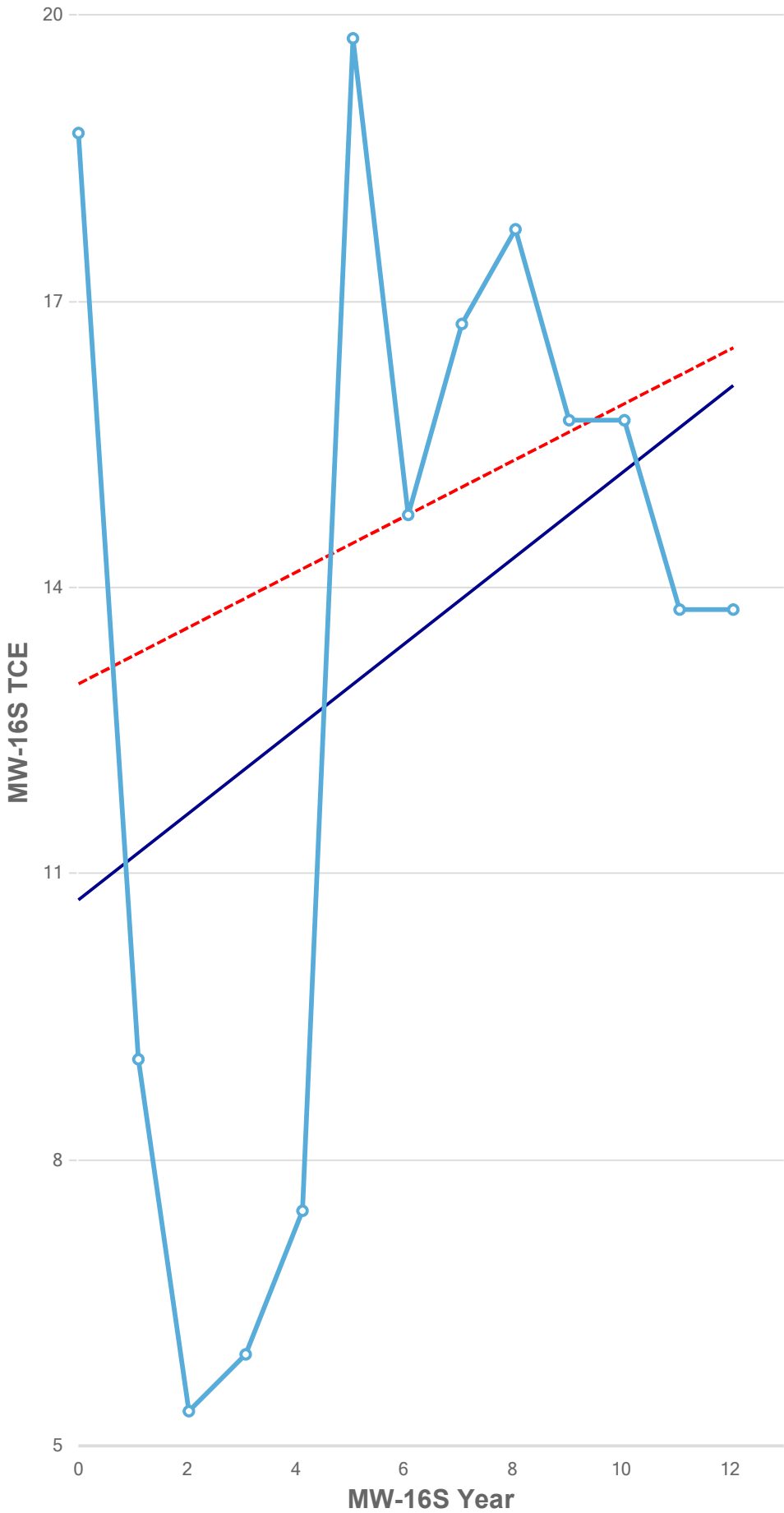
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3299
Standardized Value of S	0.3062
M-K Test Value (S)	6
Tabulated p-value	0.3830
Approximate p-value	0.3797

OLS Regression Line (Blue)	
OLS Regression Slope	0.4458
OLS Regression Intercept	10.9714

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.2921
Theil-Sen Intercept	13.2280

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

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3299
Standardized Value of S	0.3062
M-K Test Value (S)	6
Tabulated p-value	0.3830
Approximate p-value	0.3797

OLS Regression Line (Blue)	
OLS Regression Slope	0.4458
OLS Regression Intercept	10.9714

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.2921
Theil-Sen Intercept	13.2280

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

Mann-Kendall Trend Test

Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3605
Standardized Value of S	-3.3006
M-K Test Value (S)	-55
Tabulated p-value	0.0000
Approximate p-value	0.0005

OLS Regression Line (Blue)	
OLS Regression Slope	-18.8637
OLS Regression Intercept	162.3779

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.7849
Theil-Sen Intercept	5.8610

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

MW-16S PCE



MW-16S Year

Mann-Kendall Trend Test

Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3605
Standardized Value of S	-3.3006
M-K Test Value (S)	-55
Tabulated p-value	0.0000
Approximate p-value	0.0005

OLS Regression Line (Blue)	
OLS Regression Slope	-18.8637
OLS Regression Intercept	162.3779

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.7849
Theil-Sen Intercept	5.8610

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

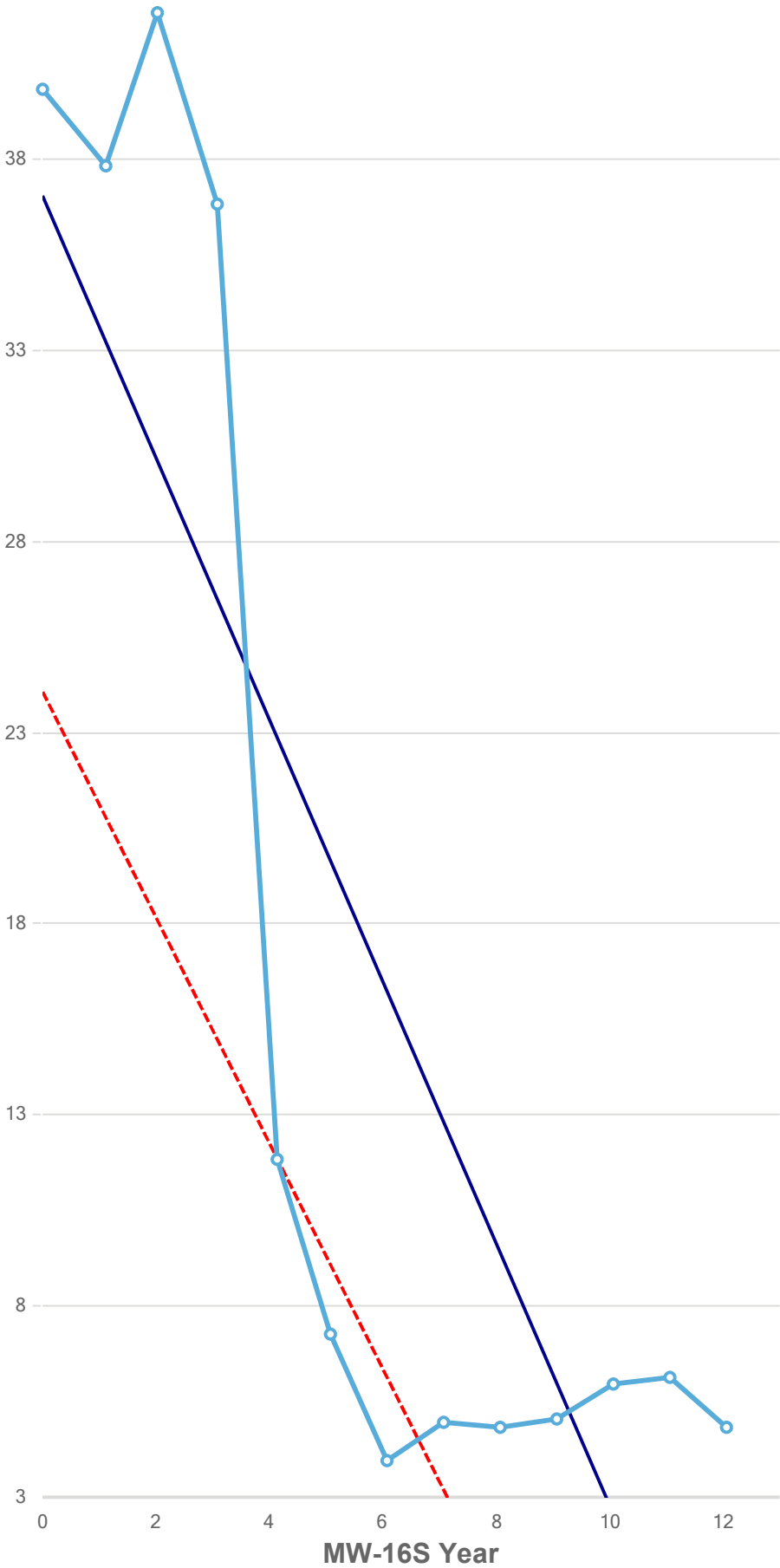
MW-16S PCE



MW-16S Year

Mann-Kendall Trend Test

MW-16S Cis-1,2 DCE



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3605
Standardized Value of S	-2.5672
M-K Test Value (S)	-43
Tabulated p-value	0.0050
Approximate p-value	0.0051

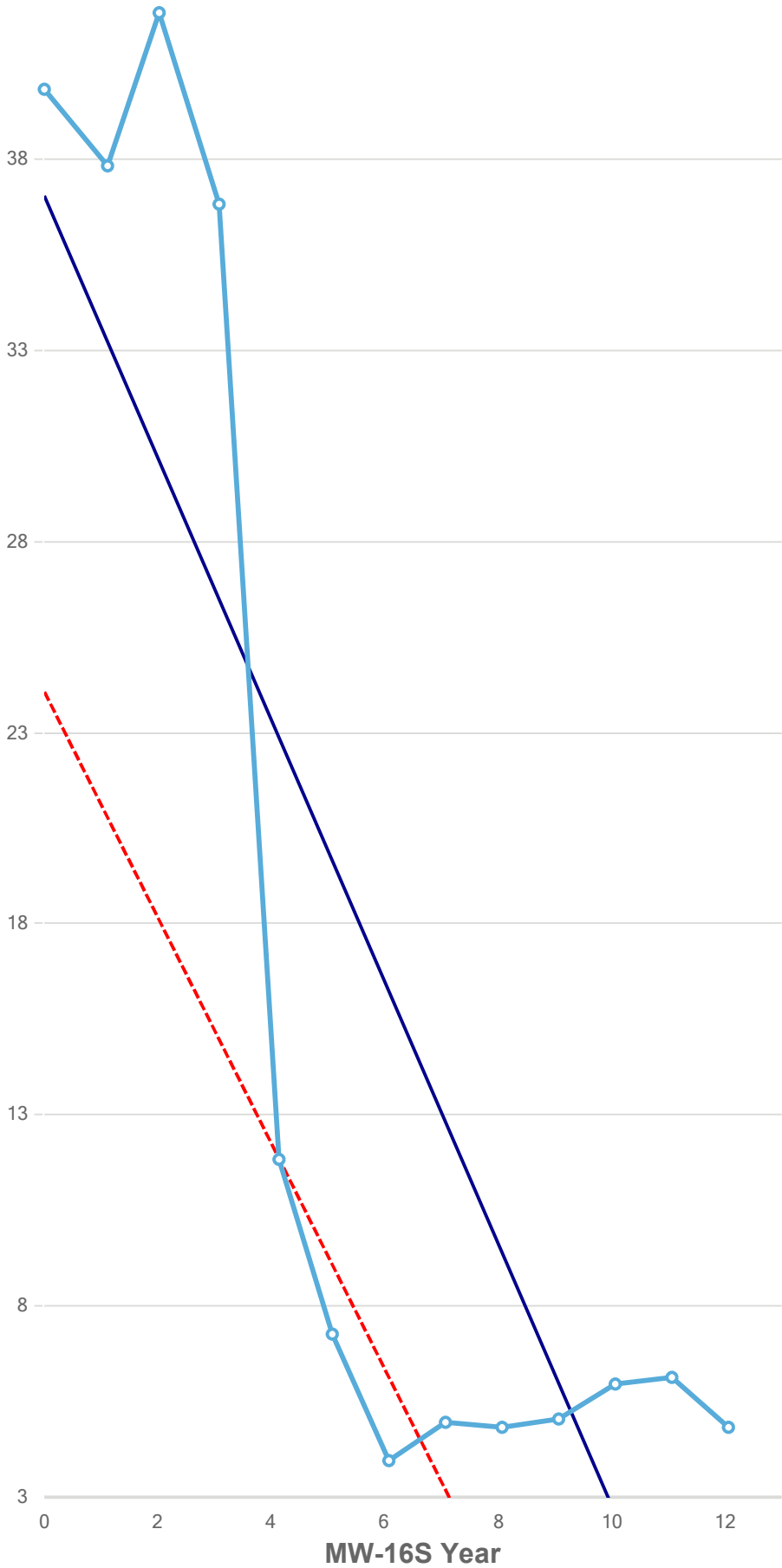
OLS Regression Line (Blue)	
OLS Regression Slope	-3.4298
OLS Regression Intercept	37.2133

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-2.9578
Theil-Sen Intercept	24.2416

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

Mann-Kendall Trend Test

MW-16S Cis-1,2 DCE



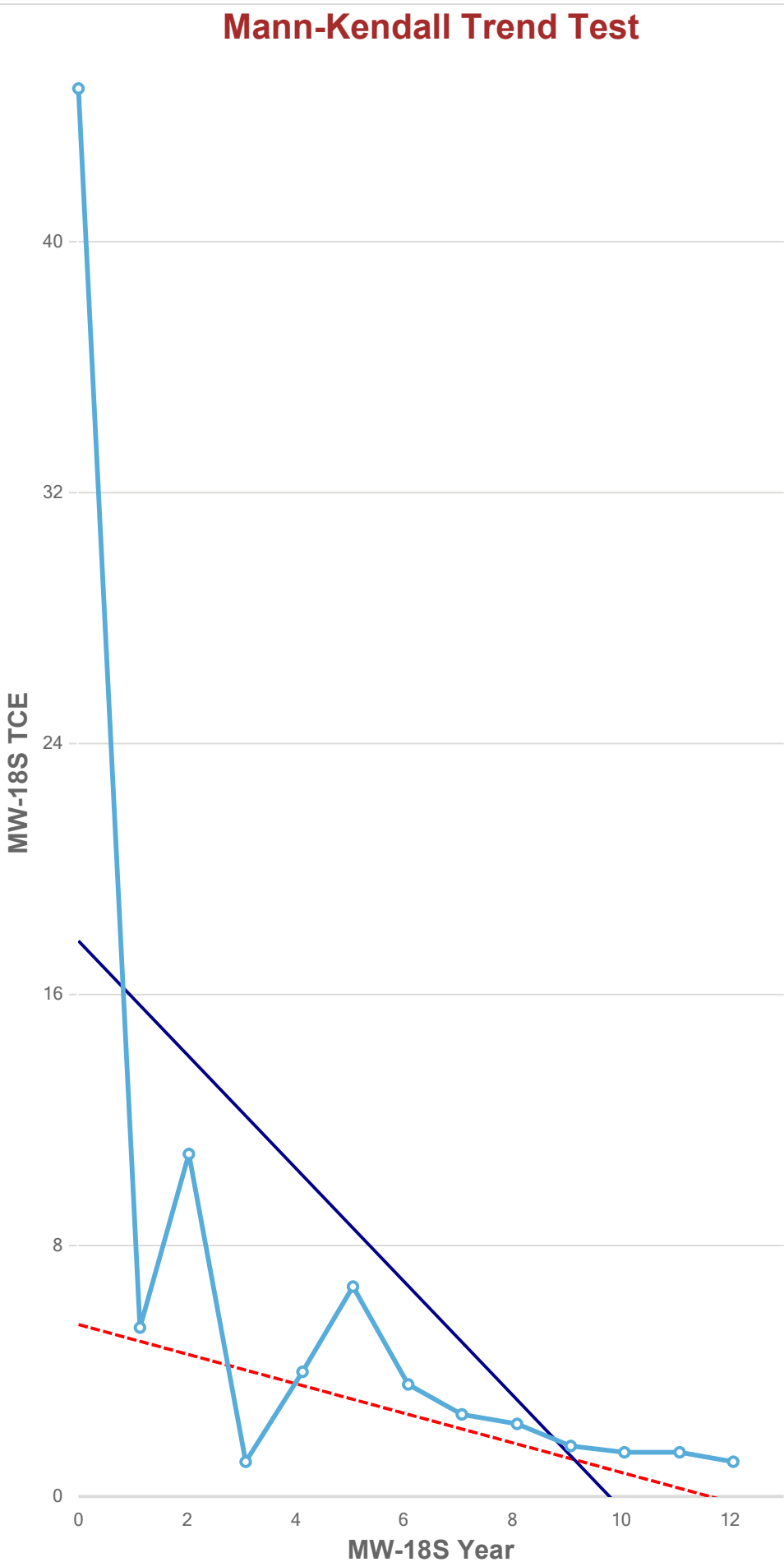
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3605
Standardized Value of S	-2.5672
M-K Test Value (S)	-43
Tabulated p-value	0.0050
Approximate p-value	0.0051

OLS Regression Line (Blue)	
OLS Regression Slope	-3.4298
OLS Regression Intercept	37.2133

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-2.9578
Theil-Sen Intercept	24.2416

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

Mann-Kendall Trend Test



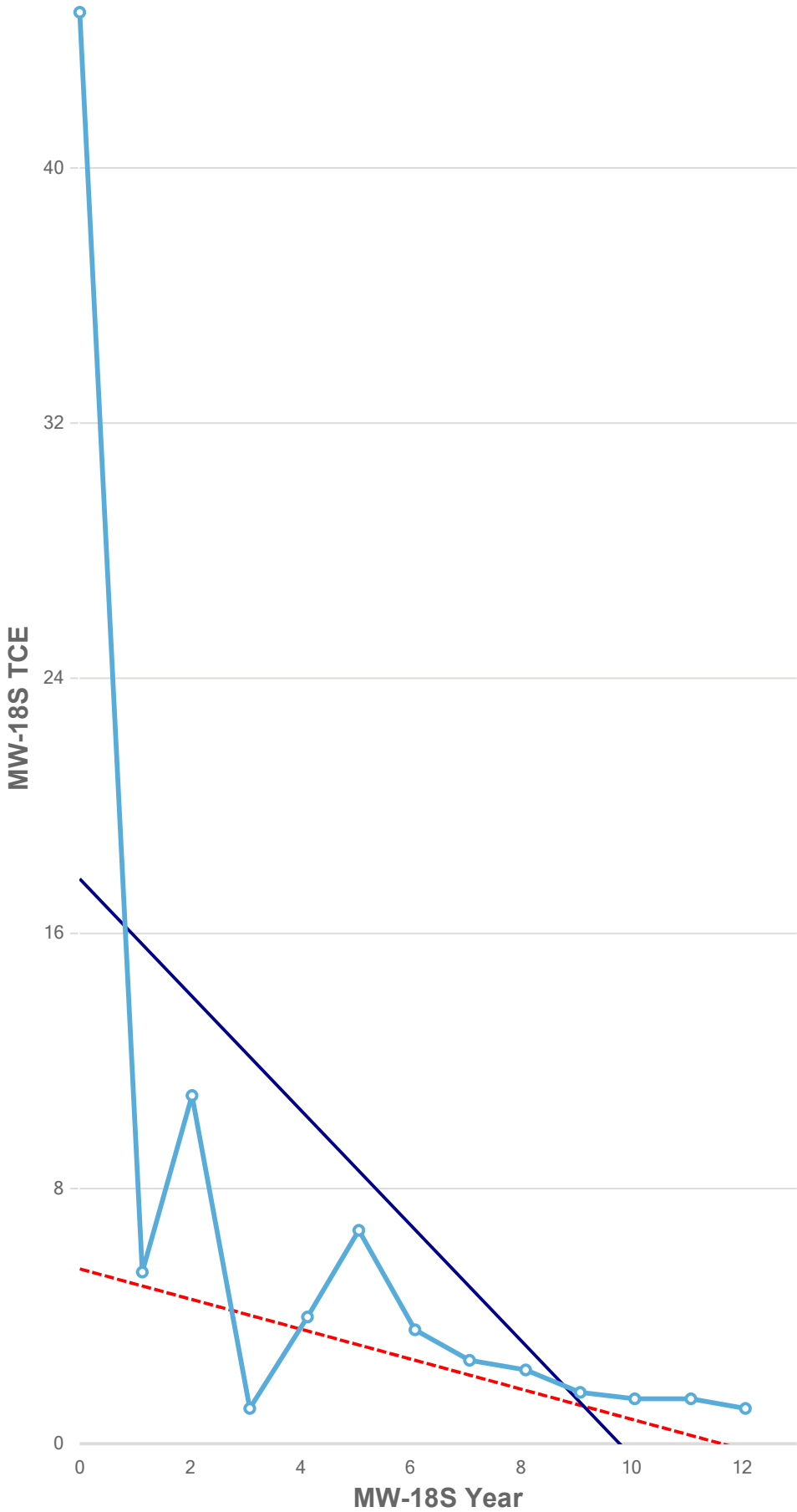
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3299
Standardized Value of S	-3.2456
M-K Test Value (S)	-54
Tabulated p-value	0.0000
Approximate p-value	0.0006

OLS Regression Line (Blue)	
OLS Regression Slope	-1.8118
OLS Regression Intercept	17.7958

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.4739
Theil-Sen Intercept	5.5774

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

Mann-Kendall Trend Test



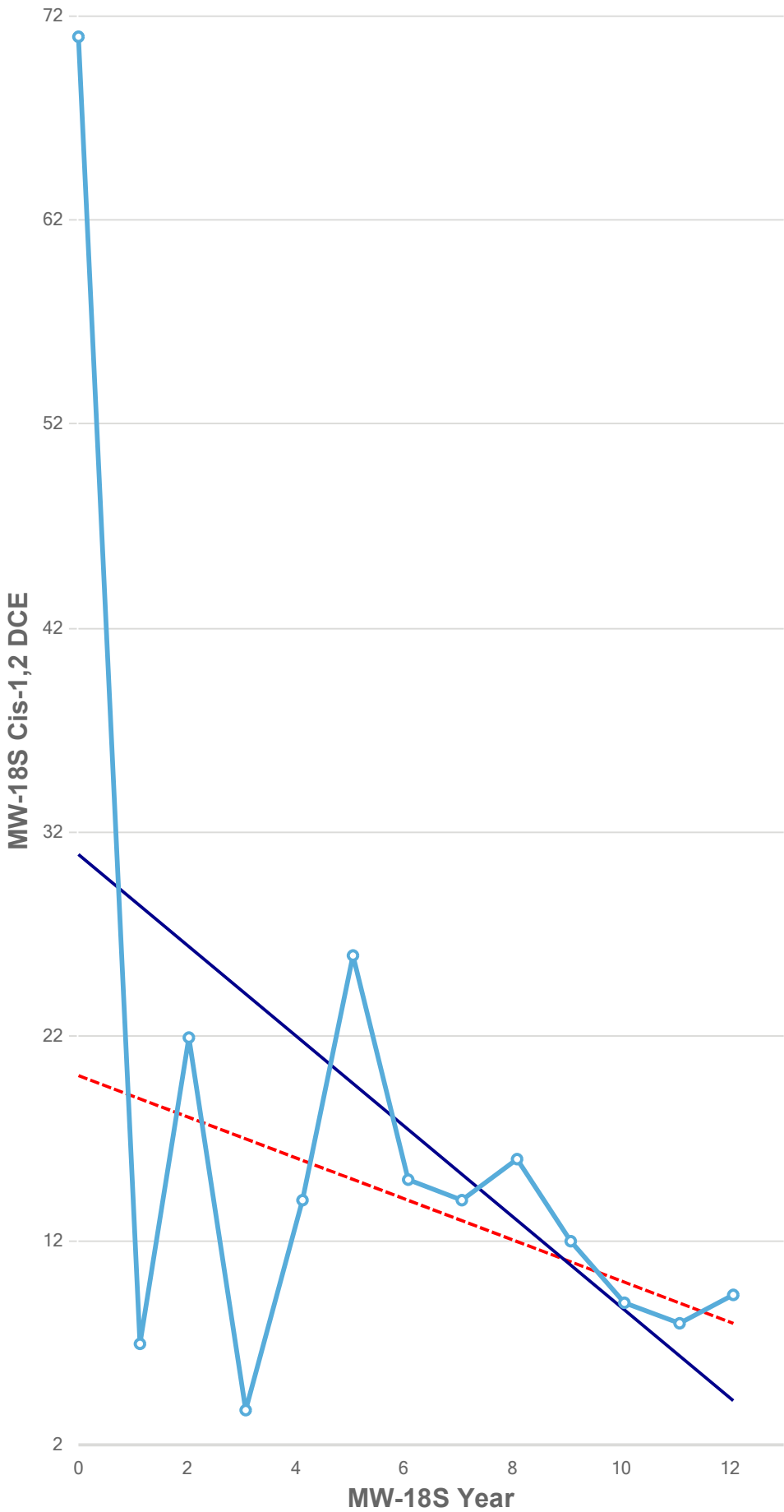
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3299
Standardized Value of S	-3.2456
M-K Test Value (S)	-54
Tabulated p-value	0.0000
Approximate p-value	0.0006

OLS Regression Line (Blue)	
OLS Regression Slope	-1.8118
OLS Regression Intercept	17.7958

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.4739
Theil-Sen Intercept	5.5774

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

Mann-Kendall Trend Test



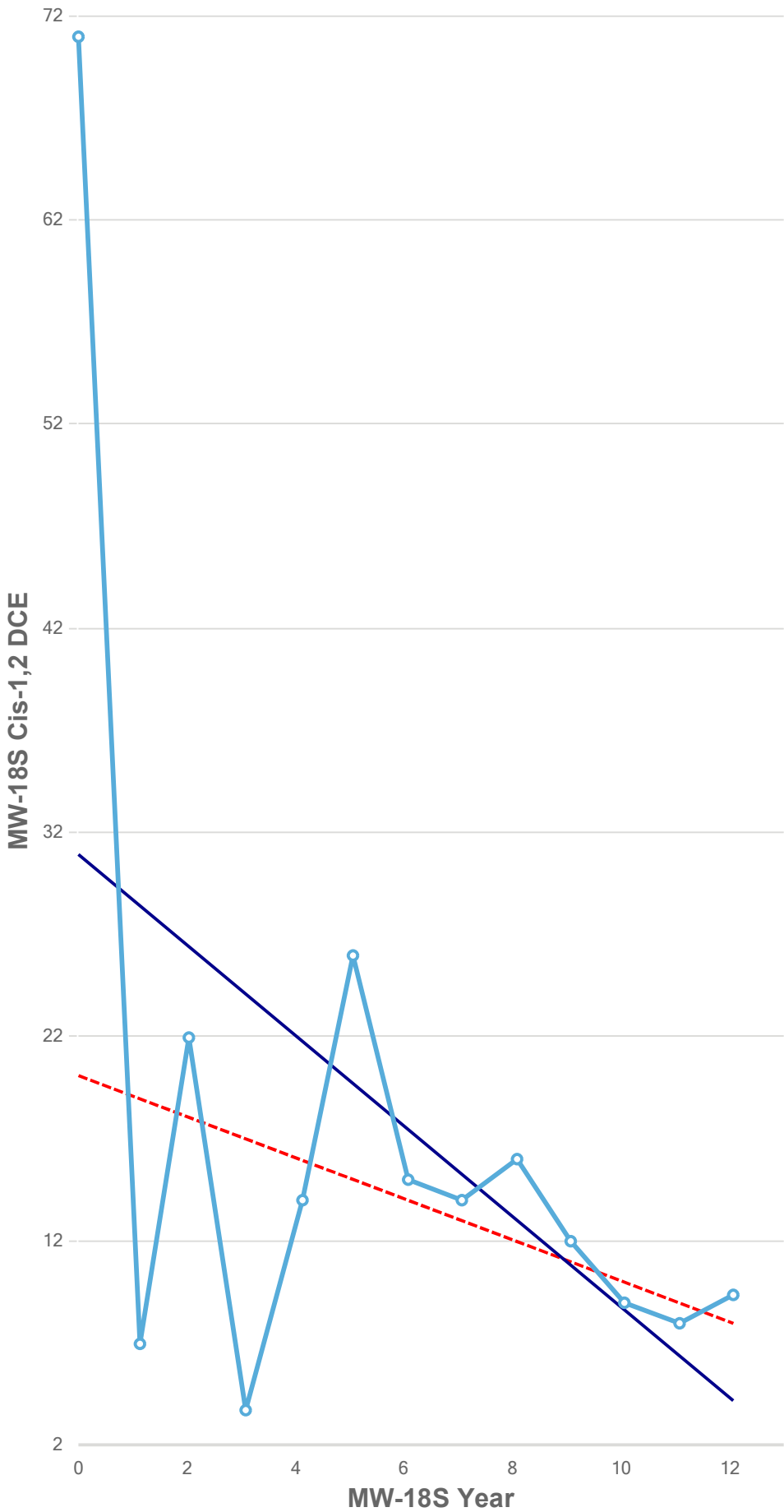
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3605
Standardized Value of S	-1.3447
M-K Test Value (S)	-23
Tabulated p-value	0.1020
Approximate p-value	0.0894

OLS Regression Line (Blue)	
OLS Regression Slope	-2.2220
OLS Regression Intercept	30.9639

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.0027
Theil-Sen Intercept	20.0879

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

Mann-Kendall Trend Test



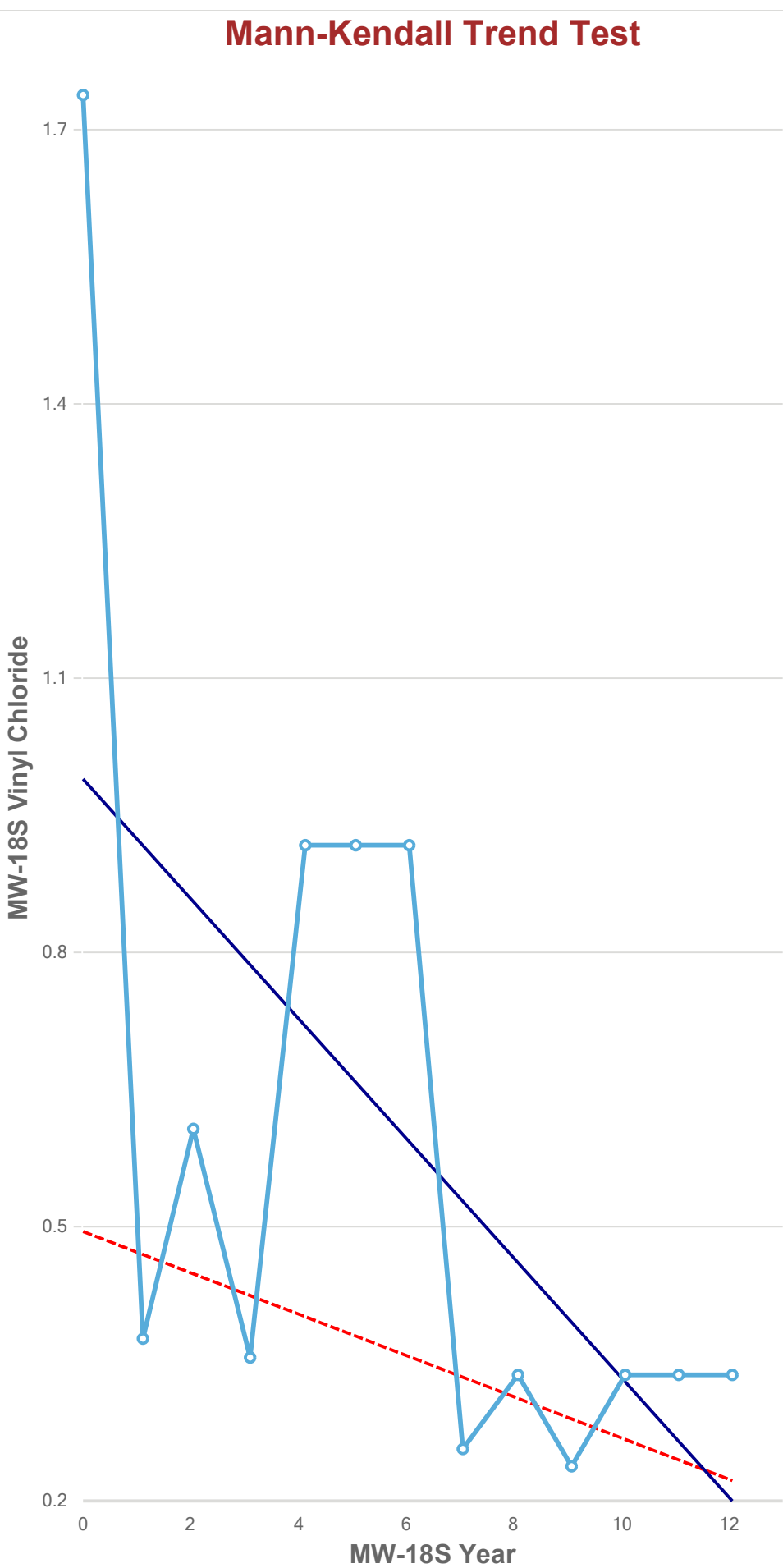
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3605
Standardized Value of S	-1.3447
M-K Test Value (S)	-23
Tabulated p-value	0.1020
Approximate p-value	0.0894

OLS Regression Line (Blue)	
OLS Regression Slope	-2.2220
OLS Regression Intercept	30.9639

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.0027
Theil-Sen Intercept	20.0879

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

Mann-Kendall Trend Test



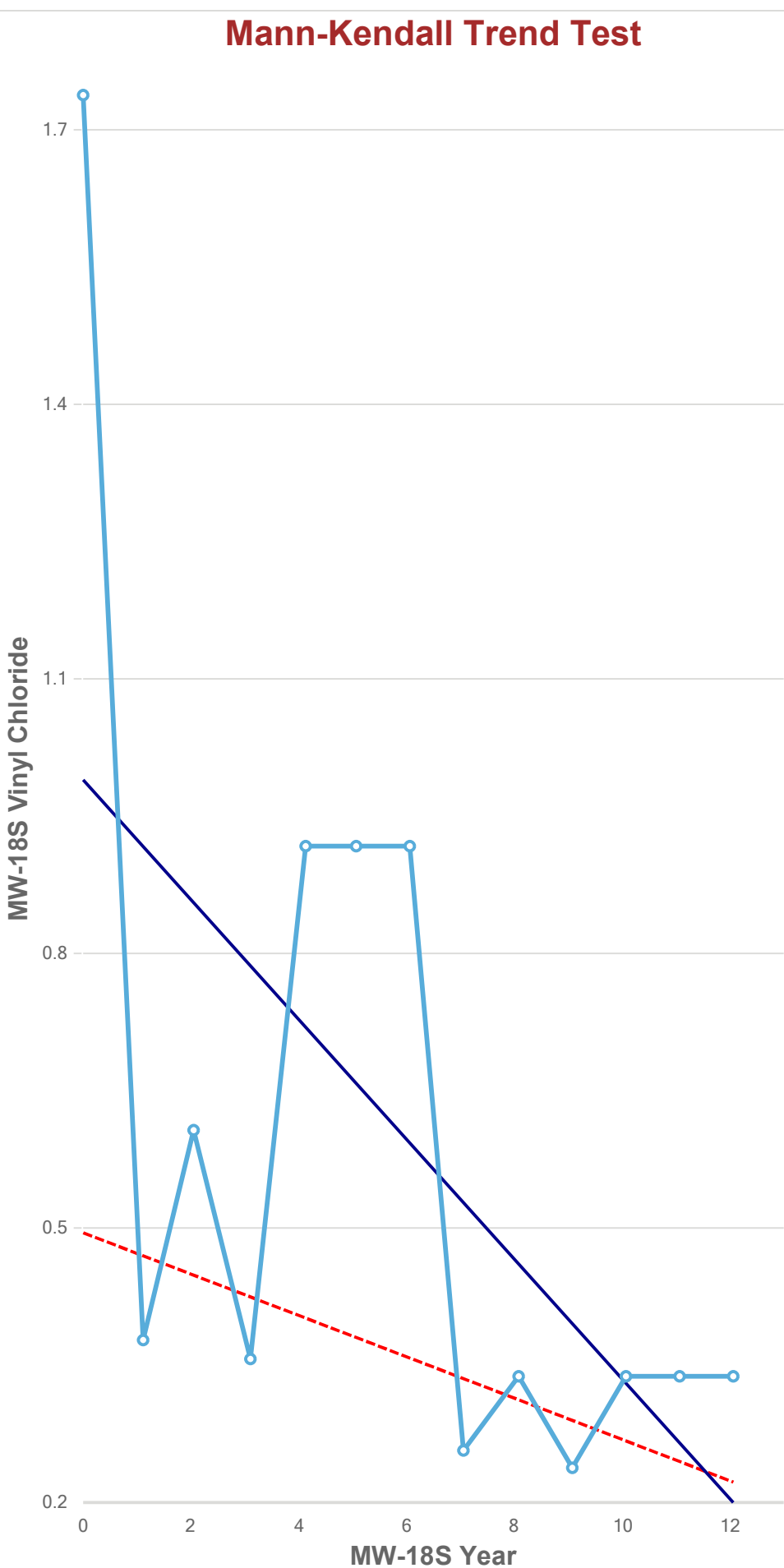
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.0104
Standardized Value of S	-2.1236
M-K Test Value (S)	-35
Tabulated p-value	0.0210
Approximate p-value	0.0169

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0655
OLS Regression Intercept	0.9511

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0227
Theil-Sen Intercept	0.4577

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

Mann-Kendall Trend Test



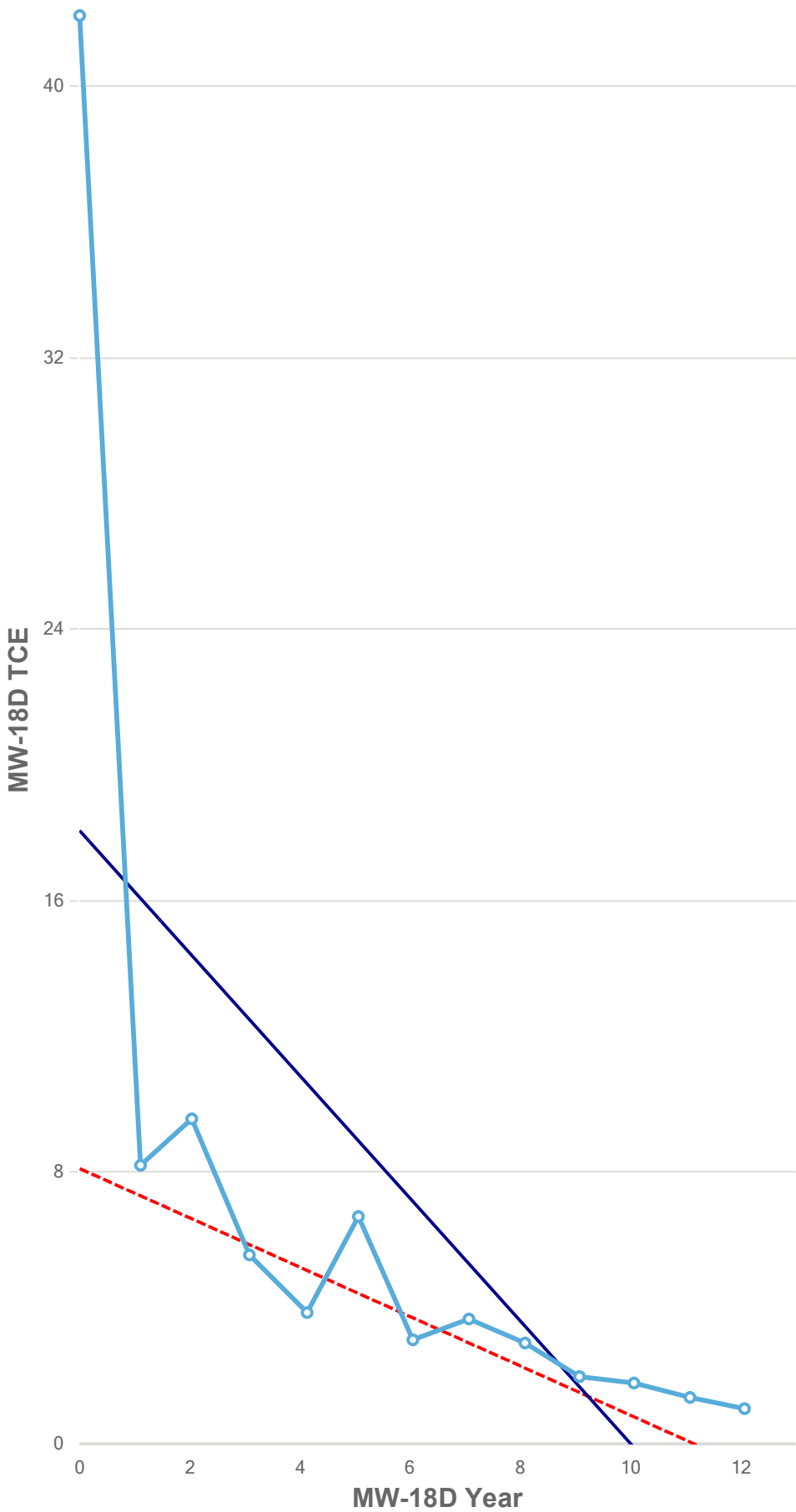
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.0104
Standardized Value of S	-2.1236
M-K Test Value (S)	-35
Tabulated p-value	0.0210
Approximate p-value	0.0169

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0655
OLS Regression Intercept	0.9511

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0227
Theil-Sen Intercept	0.4577

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

Mann-Kendall Trend Test



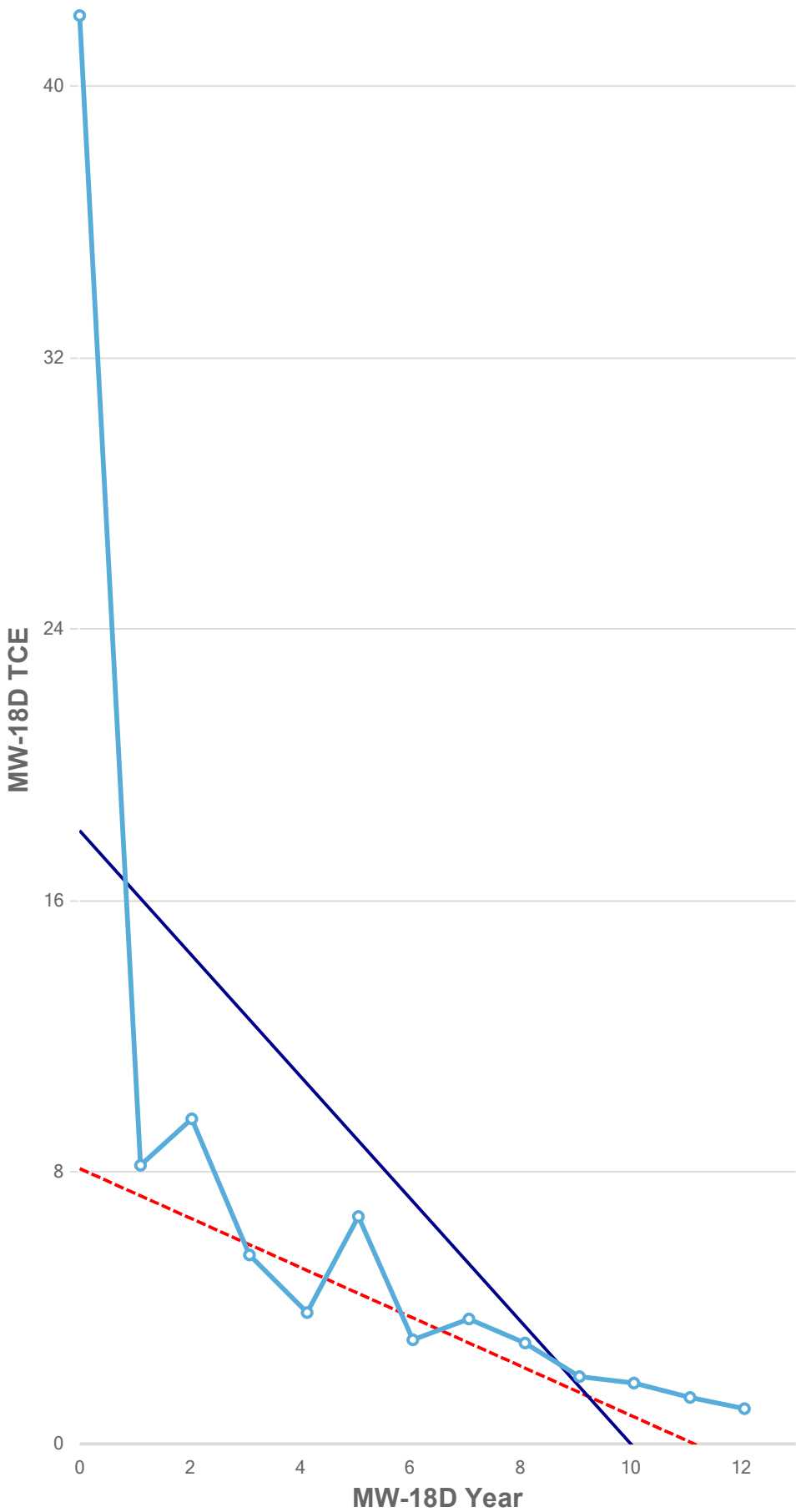
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3911
Standardized Value of S	-4.2096
M-K Test Value (S)	-70
Tabulated p-value	0.0000
Approximate p-value	0.0000

OLS Regression Line (Blue)	
OLS Regression Slope	-1.8092
OLS Regression Intercept	17.9677

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.7313
Theil-Sen Intercept	8.0320

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

Mann-Kendall Trend Test



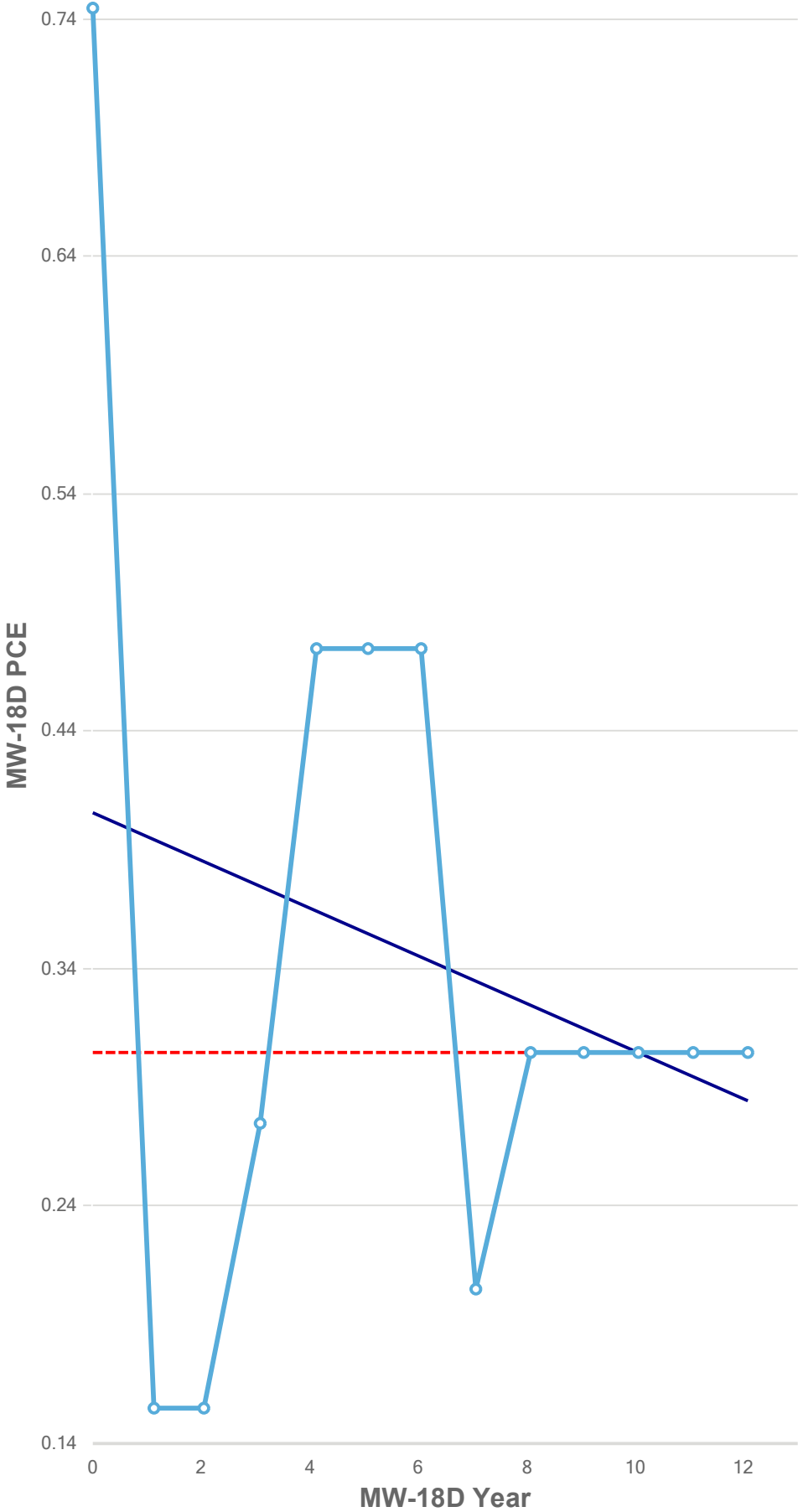
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3911
Standardized Value of S	-4.2096
M-K Test Value (S)	-70
Tabulated p-value	0.0000
Approximate p-value	0.0000

OLS Regression Line (Blue)	
OLS Regression Slope	-1.8092
OLS Regression Intercept	17.9677

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.7313
Theil-Sen Intercept	8.0320

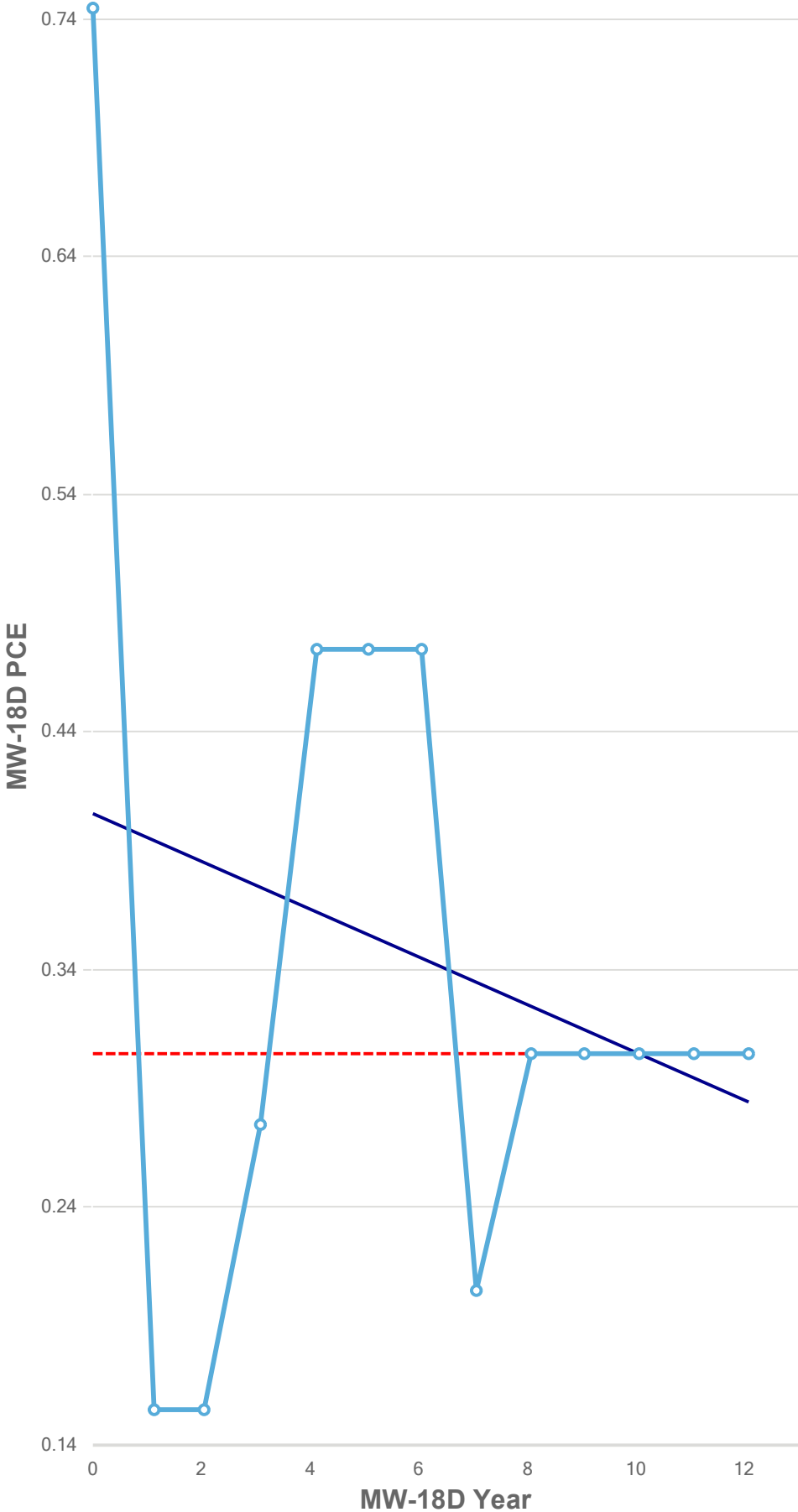
Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	15.7268
Standardized Value of S	0.0636
M-K Test Value (S)	2
Tabulated p-value	0.4760
Approximate p-value	0.4747
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0101
OLS Regression Intercept	0.4011
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



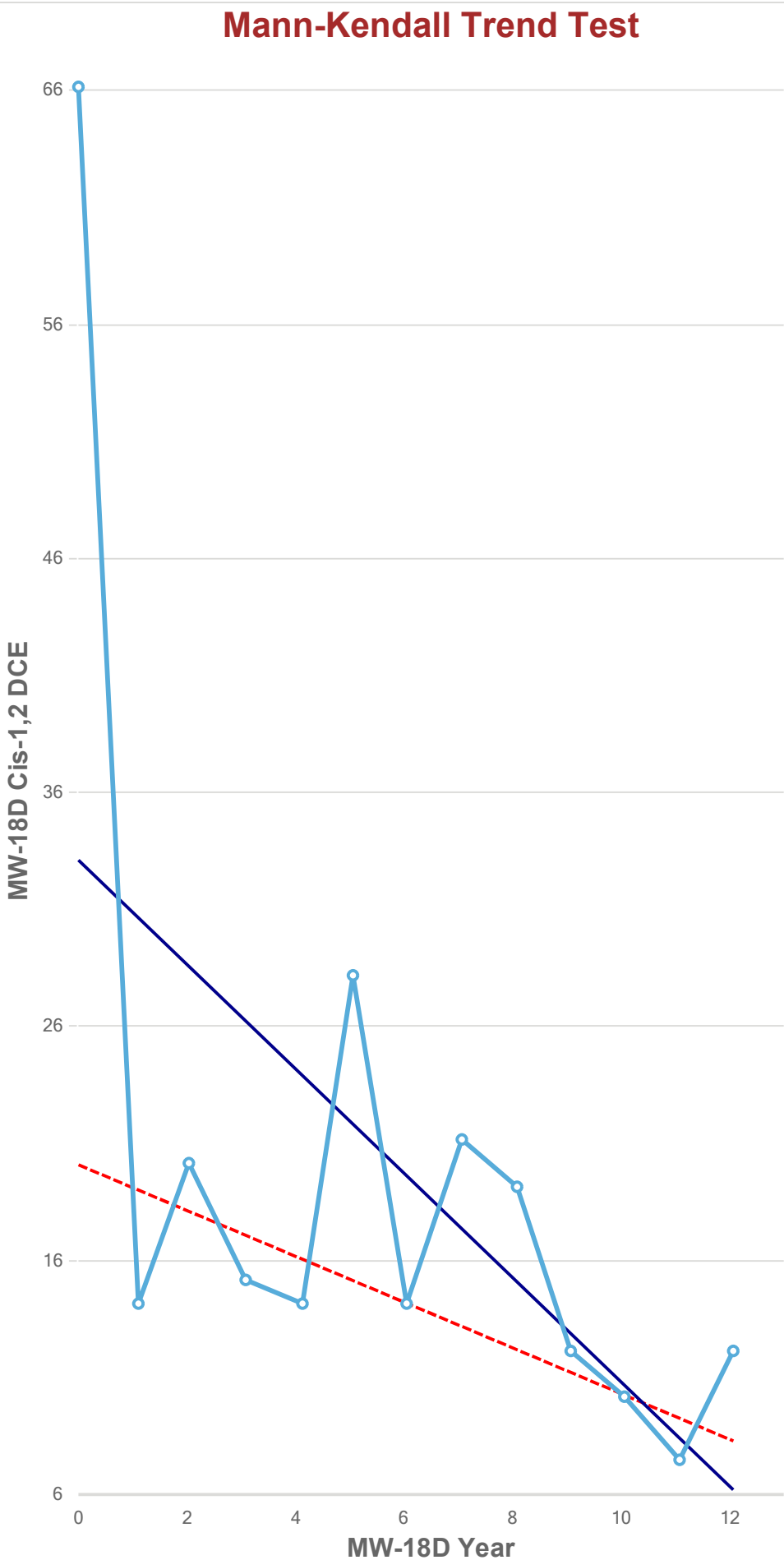
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	15.7268
Standardized Value of S	0.0636
M-K Test Value (S)	2
Tabulated p-value	0.4760
Approximate p-value	0.4747

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0101
OLS Regression Intercept	0.4011

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

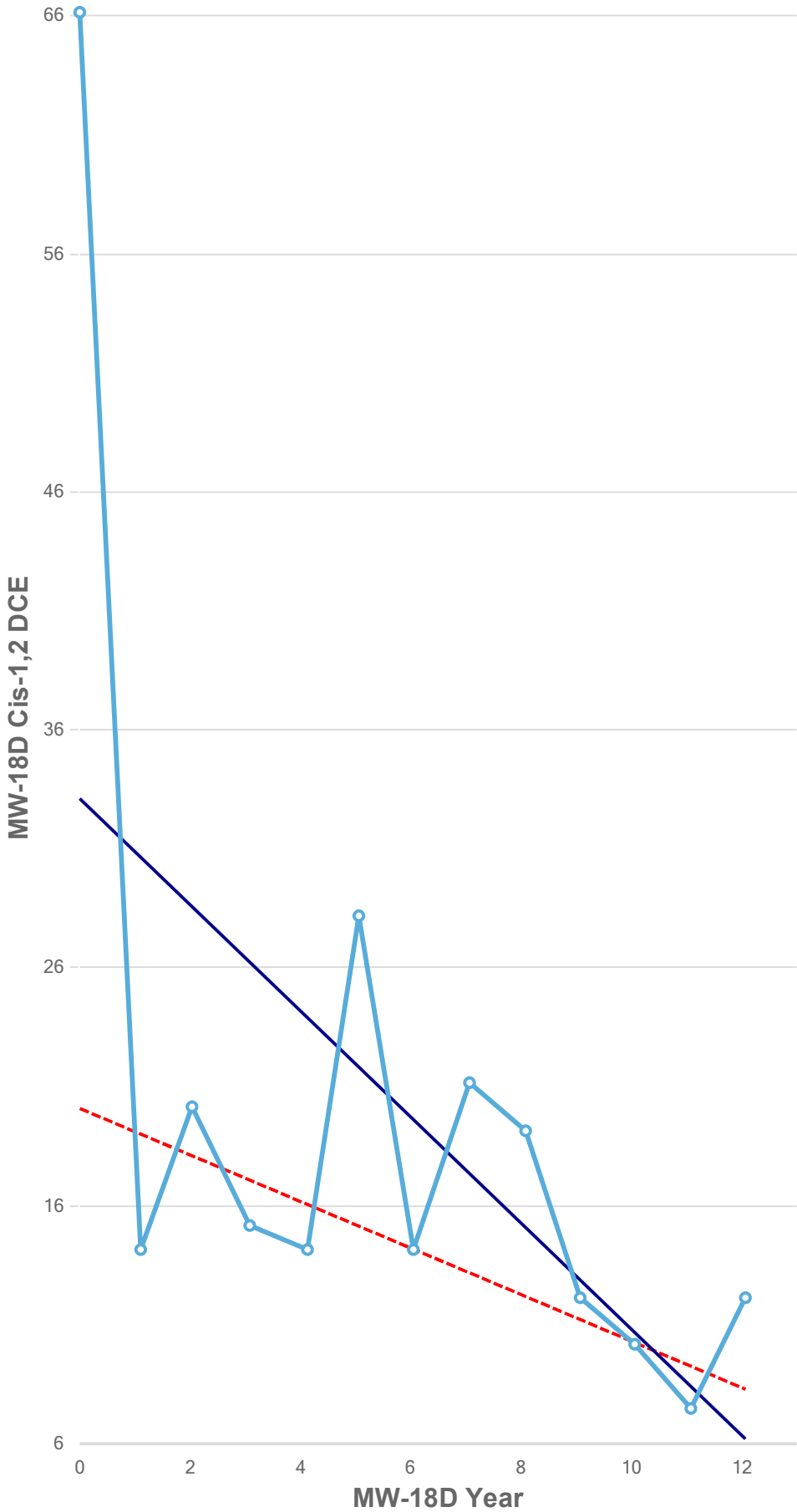
Insufficient statistical evidence of a significant trend at the specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.2481
Standardized Value of S	-2.4003
M-K Test Value (S)	-40
Tabulated p-value	0.0070
Approximate p-value	0.0082
OLS Regression Line (Blue)	
OLS Regression Slope	-2.2345
OLS Regression Intercept	32.9691
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.9814
Theil-Sen Intercept	19.9473
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



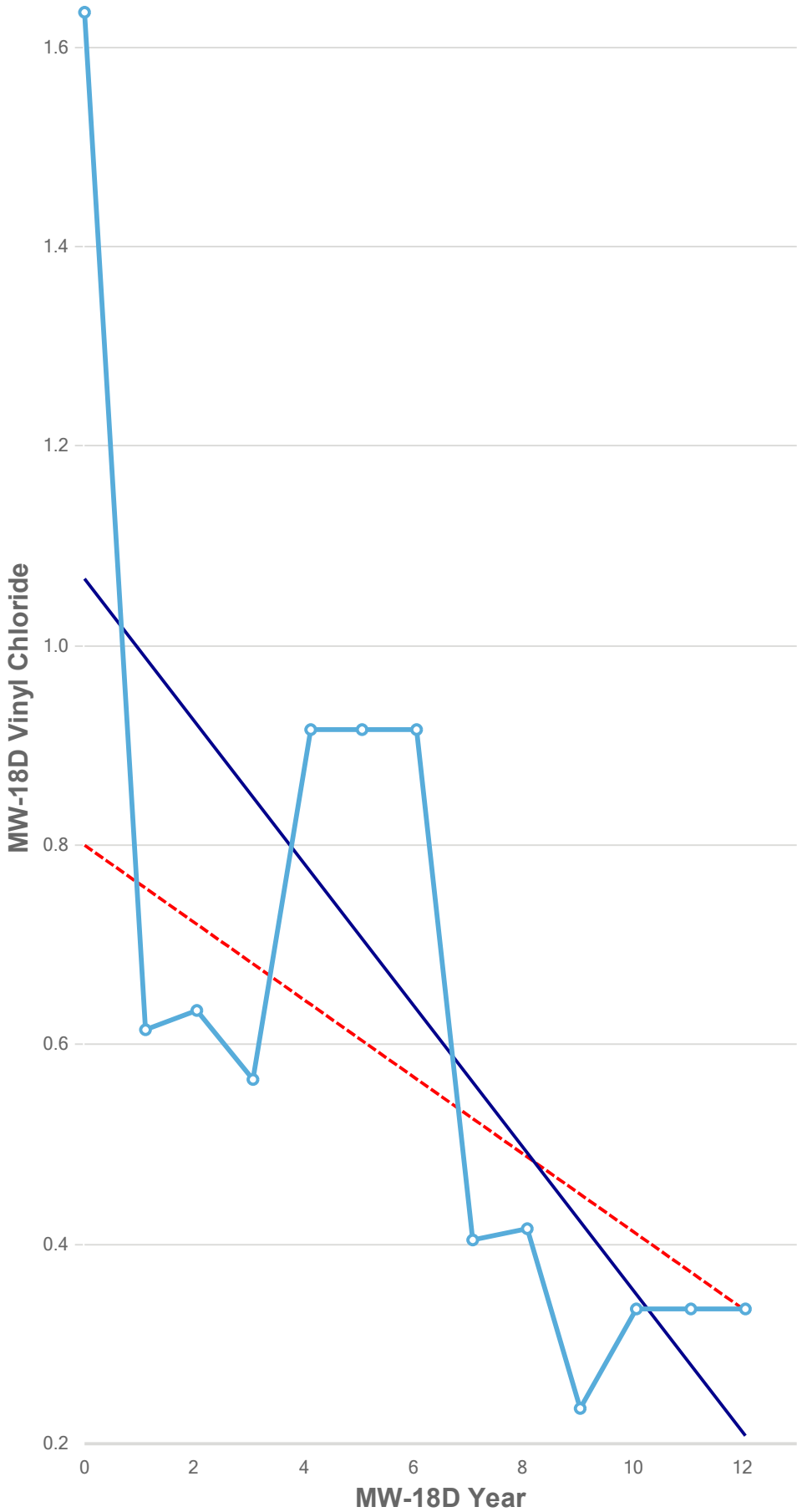
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.2481
Standardized Value of S	-2.4003
M-K Test Value (S)	-40
Tabulated p-value	0.0070
Approximate p-value	0.0082

OLS Regression Line (Blue)	
OLS Regression Slope	-2.2345
OLS Regression Intercept	32.9691

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.9814
Theil-Sen Intercept	19.9473

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

Mann-Kendall Trend Test



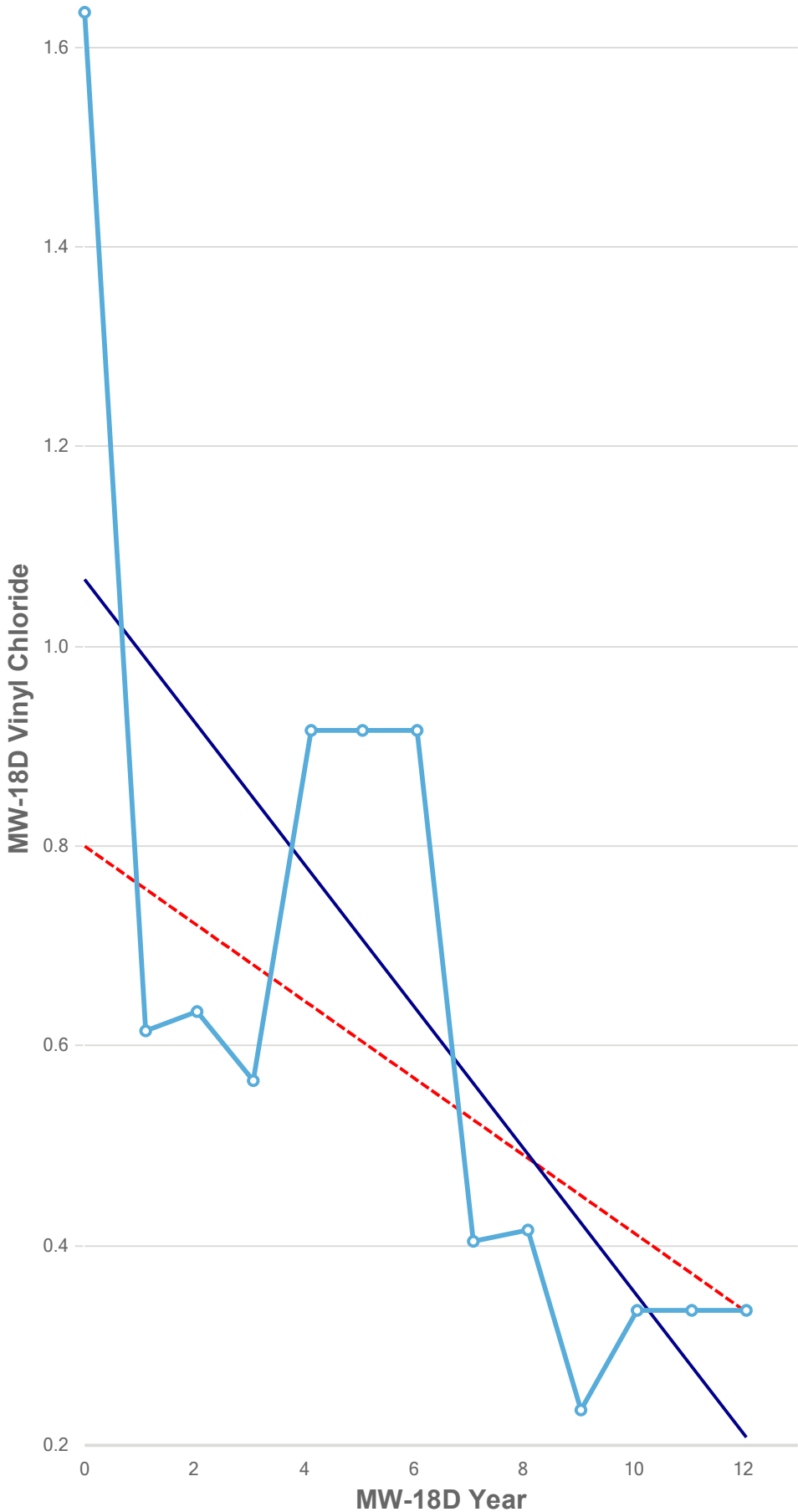
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.1658
Standardized Value of S	-2.6599
M-K Test Value (S)	-44
Tabulated p-value	0.0030
Approximate p-value	0.0039

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0711
OLS Regression Intercept	1.0314

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0387
Theil-Sen Intercept	0.7644

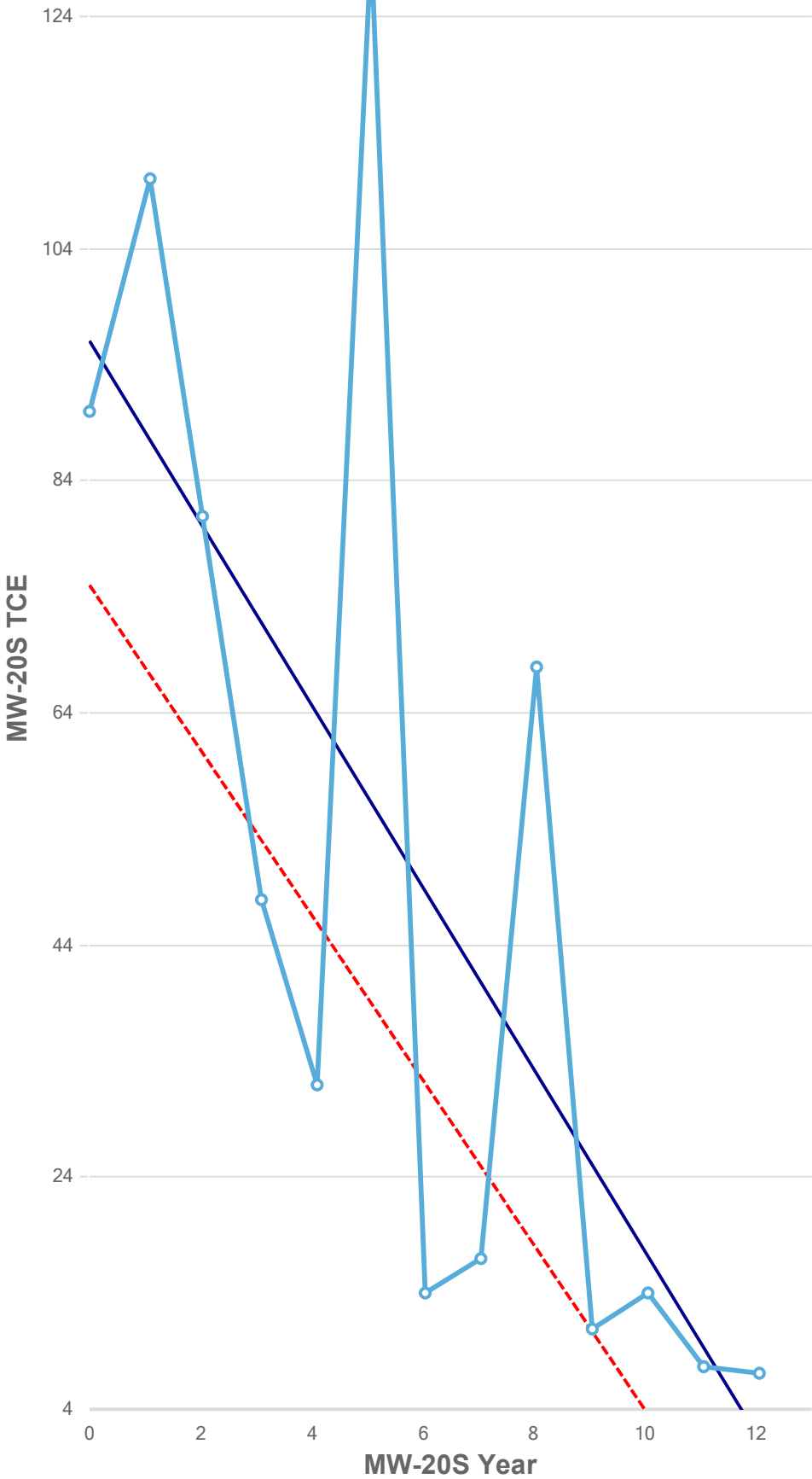
Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.1658
Standardized Value of S	-2.6599
M-K Test Value (S)	-44
Tabulated p-value	0.0030
Approximate p-value	0.0039
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0711
OLS Regression Intercept	1.0314
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0387
Theil-Sen Intercept	0.7644
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



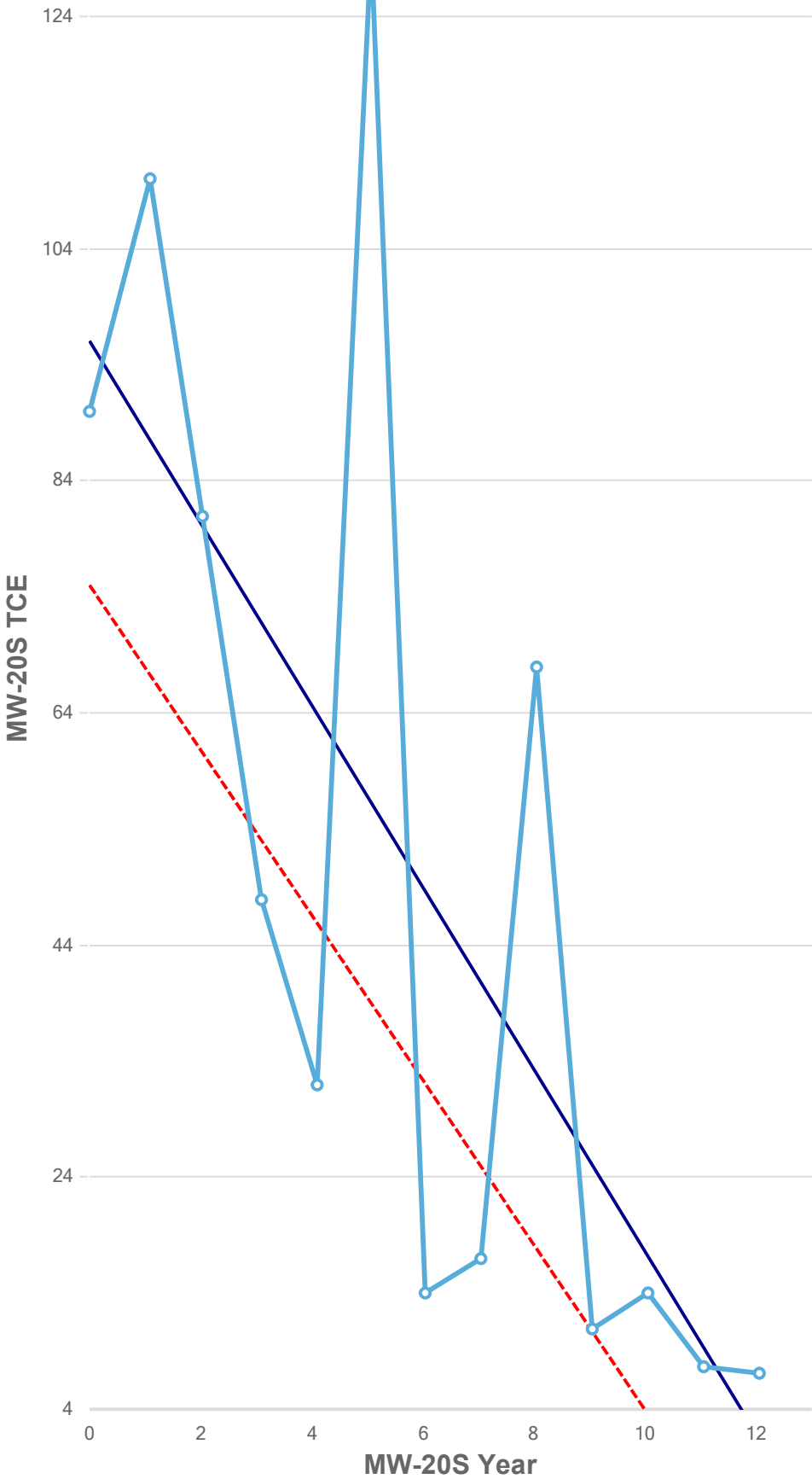
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3605
Standardized Value of S	-3.1784
M-K Test Value (S)	-53
Tabulated p-value	0.0000
Approximate p-value	0.0007

OLS Regression Line (Blue)	
OLS Regression Slope	-7.8548
OLS Regression Intercept	96.0404

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-7.1228
Theil-Sen Intercept	75.0686

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

Mann-Kendall Trend Test



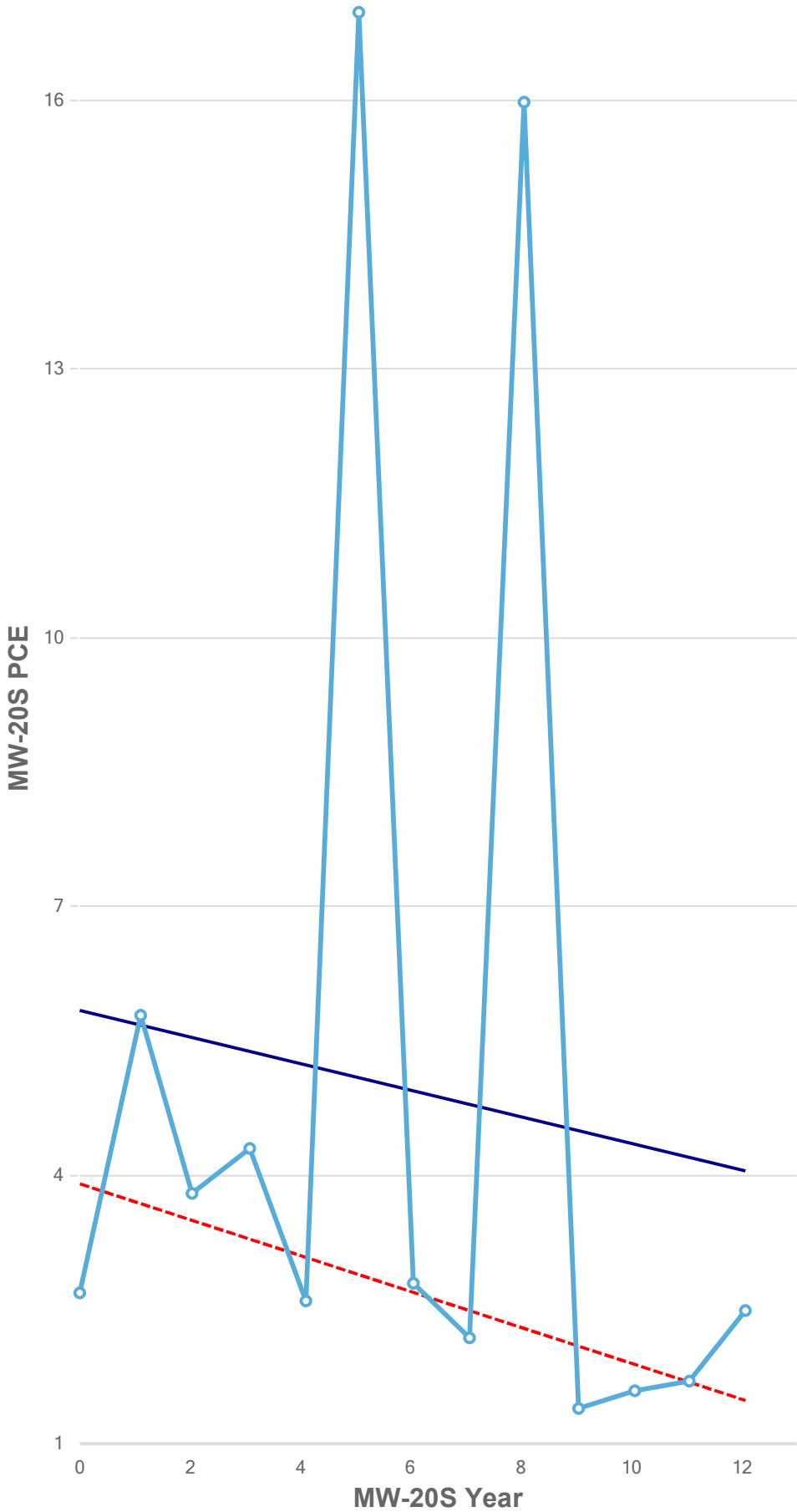
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3605
Standardized Value of S	-3.1784
M-K Test Value (S)	-53
Tabulated p-value	0.0000
Approximate p-value	0.0007

OLS Regression Line (Blue)	
OLS Regression Slope	-7.8548
OLS Regression Intercept	96.0404

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-7.1228
Theil-Sen Intercept	75.0686

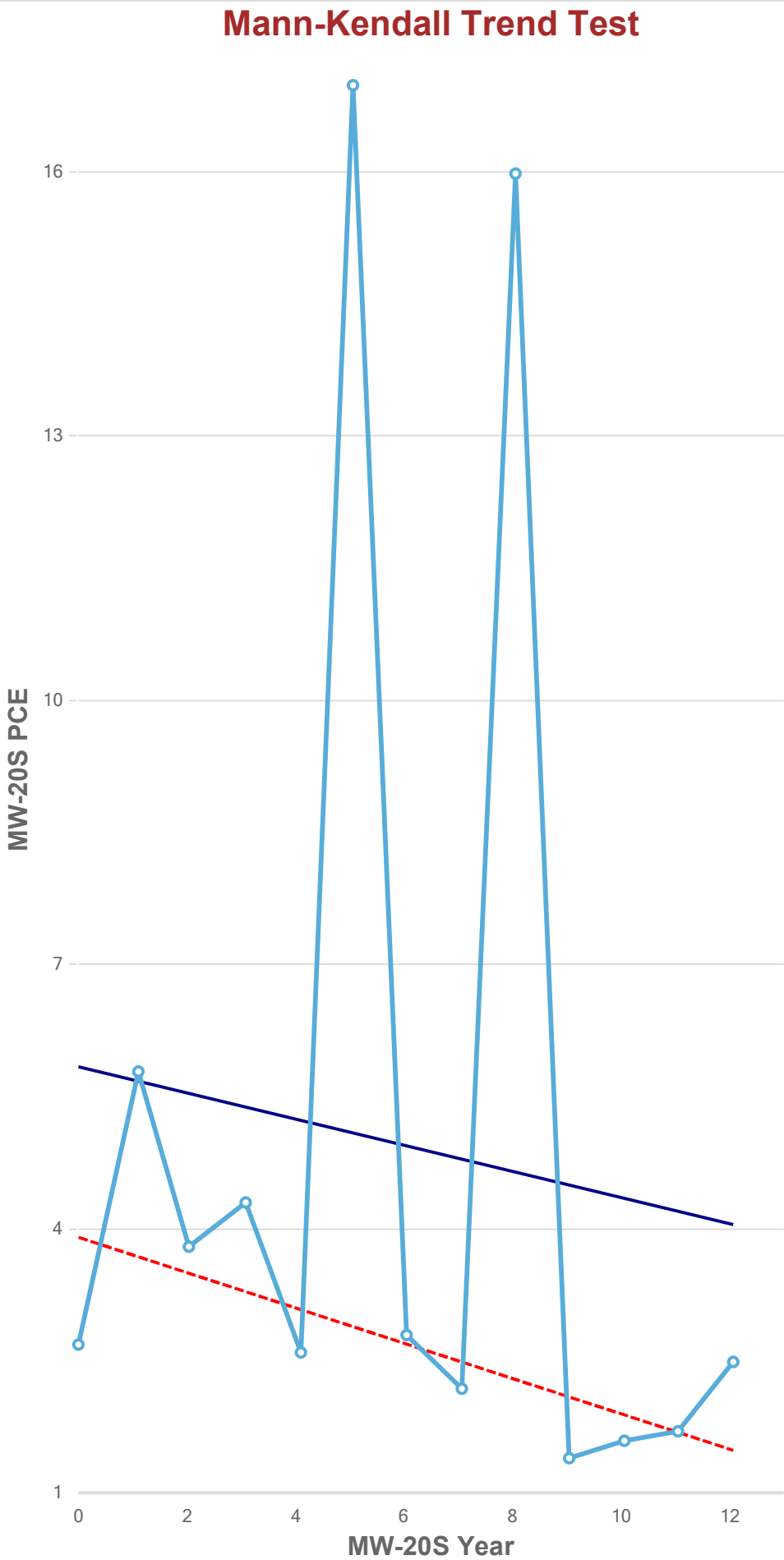
Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



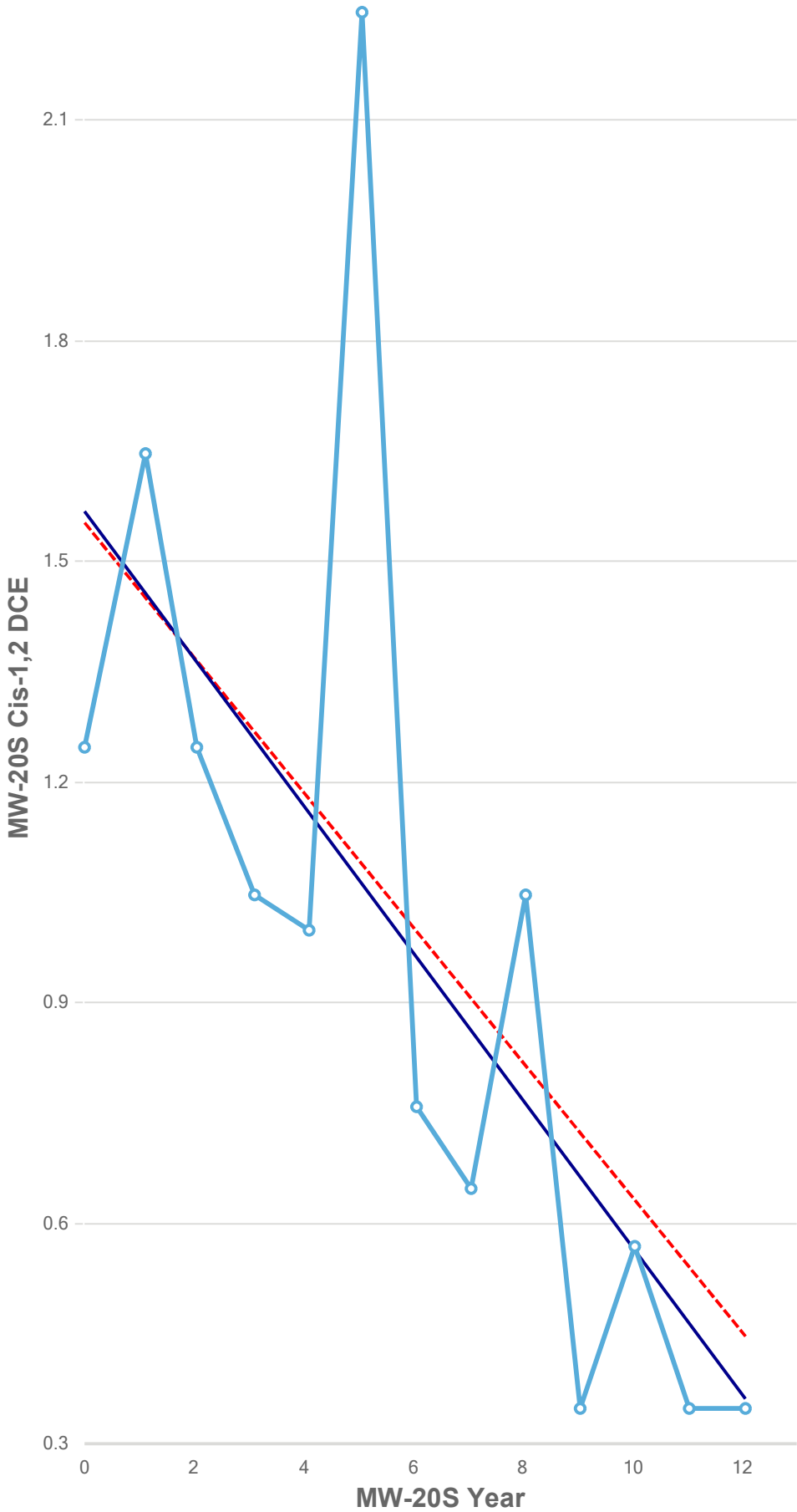
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3911
Standardized Value of S	-1.6472
M-K Test Value (S)	-28
Tabulated p-value	0.0500
Approximate p-value	0.0498
OLS Regression Line (Blue)	
OLS Regression Slope	-0.1488
OLS Regression Intercept	5.8556
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.2005
Theil-Sen Intercept	3.9125
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3911
Standardized Value of S	-1.6472
M-K Test Value (S)	-28
Tabulated p-value	0.0500
Approximate p-value	0.0498
OLS Regression Line (Blue)	
OLS Regression Slope	-0.1488
OLS Regression Intercept	5.8556
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.2005
Theil-Sen Intercept	3.9125
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



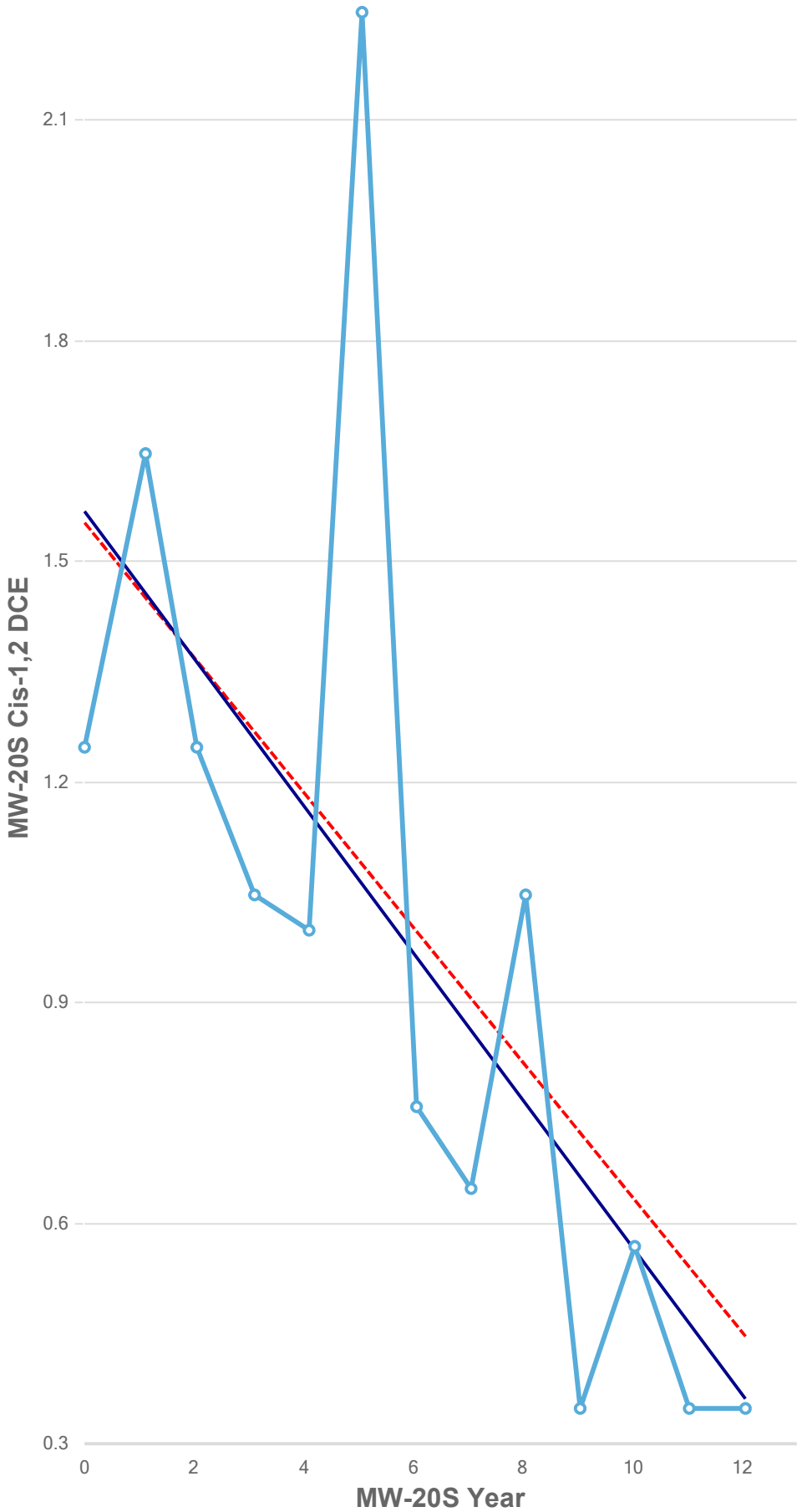
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.2173
Standardized Value of S	-3.2065
M-K Test Value (S)	-53
Tabulated p-value	0.0000
Approximate p-value	0.0007

OLS Regression Line (Blue)	
OLS Regression Slope	-0.1000
OLS Regression Intercept	1.5198

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0917
Theil-Sen Intercept	1.5044

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

Mann-Kendall Trend Test



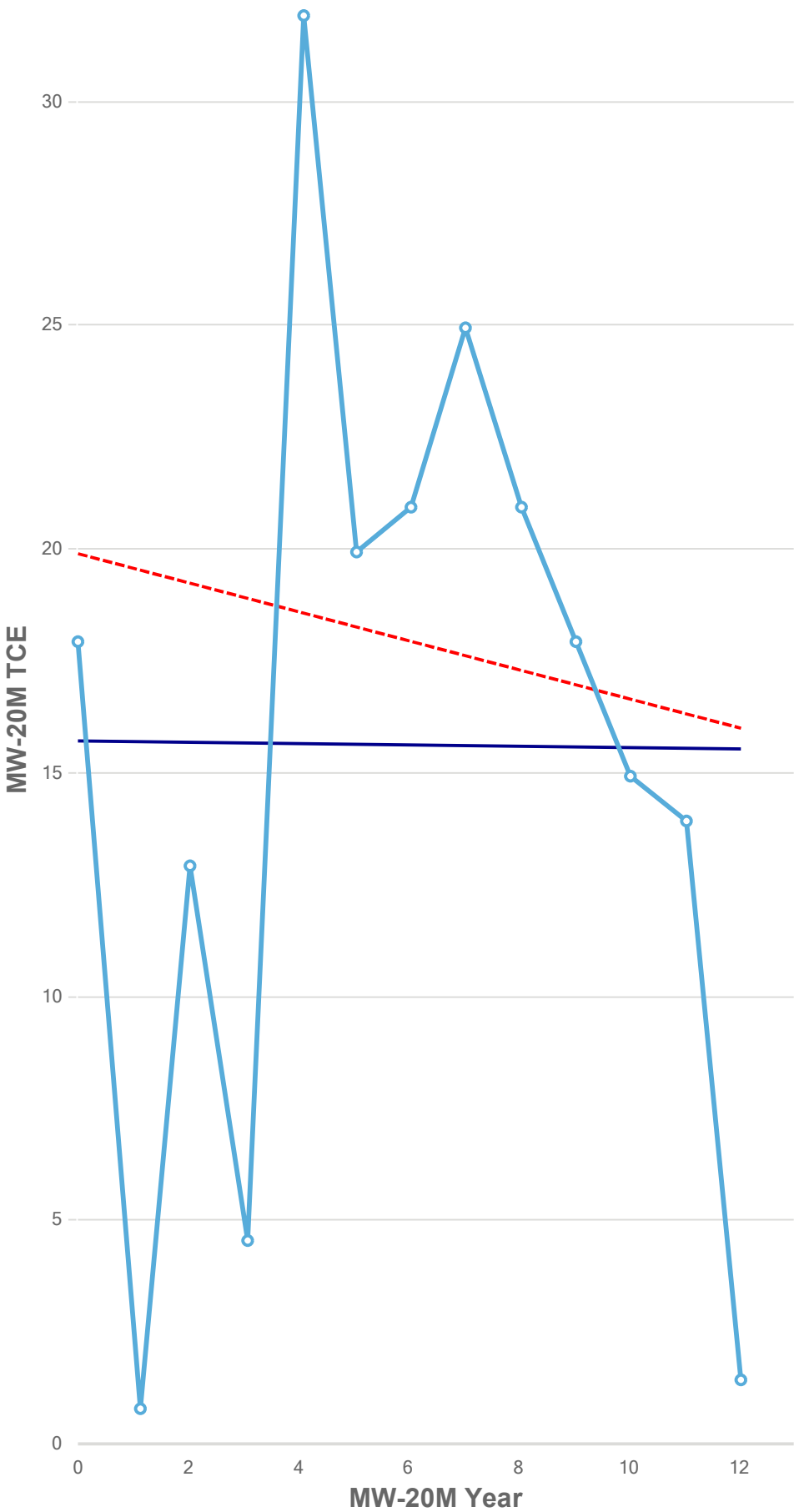
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.2173
Standardized Value of S	-3.2065
M-K Test Value (S)	-53
Tabulated p-value	0.0000
Approximate p-value	0.0007

OLS Regression Line (Blue)	
OLS Regression Slope	-0.1000
OLS Regression Intercept	1.5198

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0917
Theil-Sen Intercept	1.5044

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

Mann-Kendall Trend Test



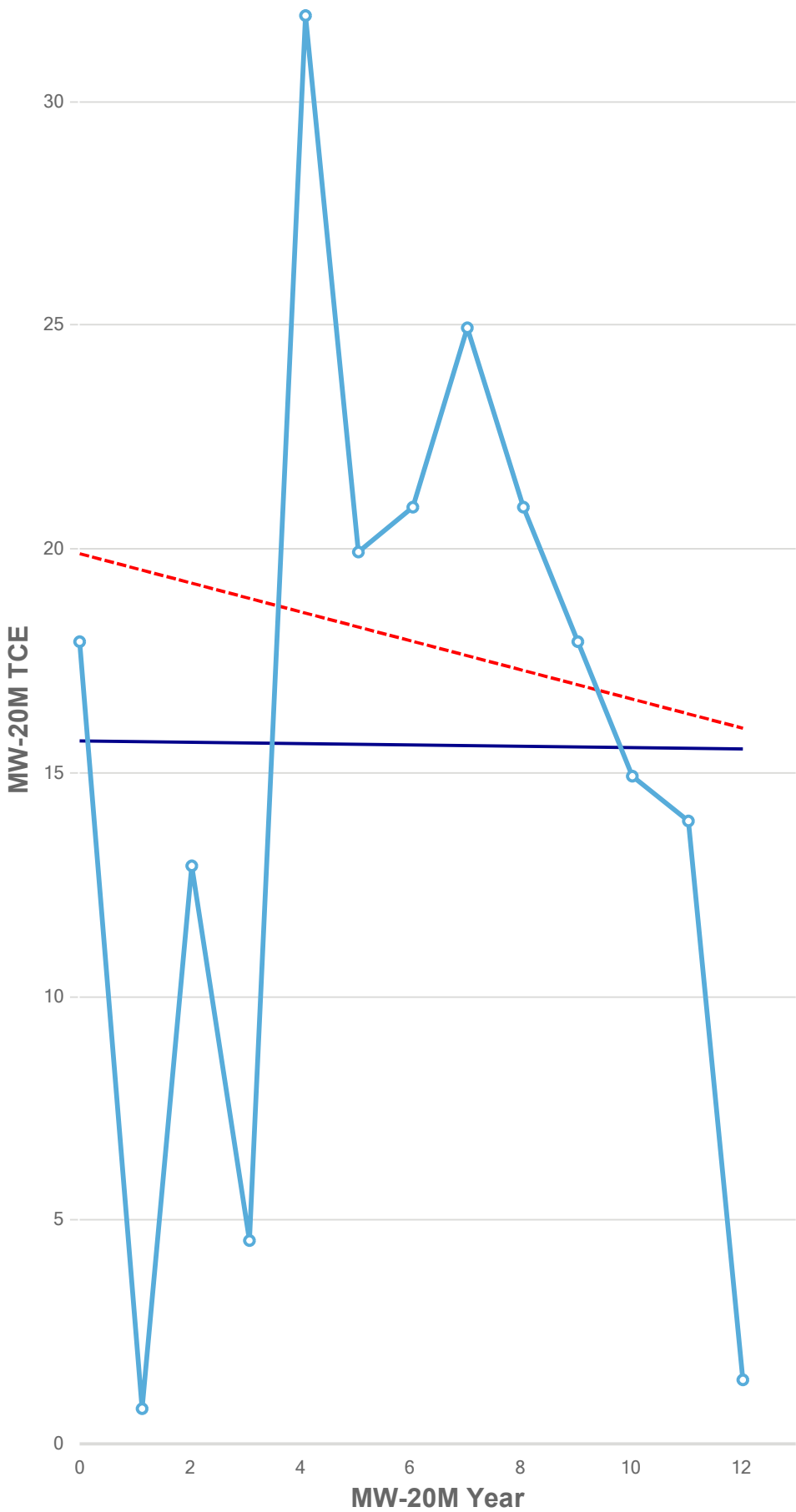
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3299
Standardized Value of S	-0.1837
M-K Test Value (S)	-4
Tabulated p-value	0.4290
Approximate p-value	0.4271

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0147
OLS Regression Intercept	15.7776

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.3224
Theil-Sen Intercept	19.9510

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

Mann-Kendall Trend Test



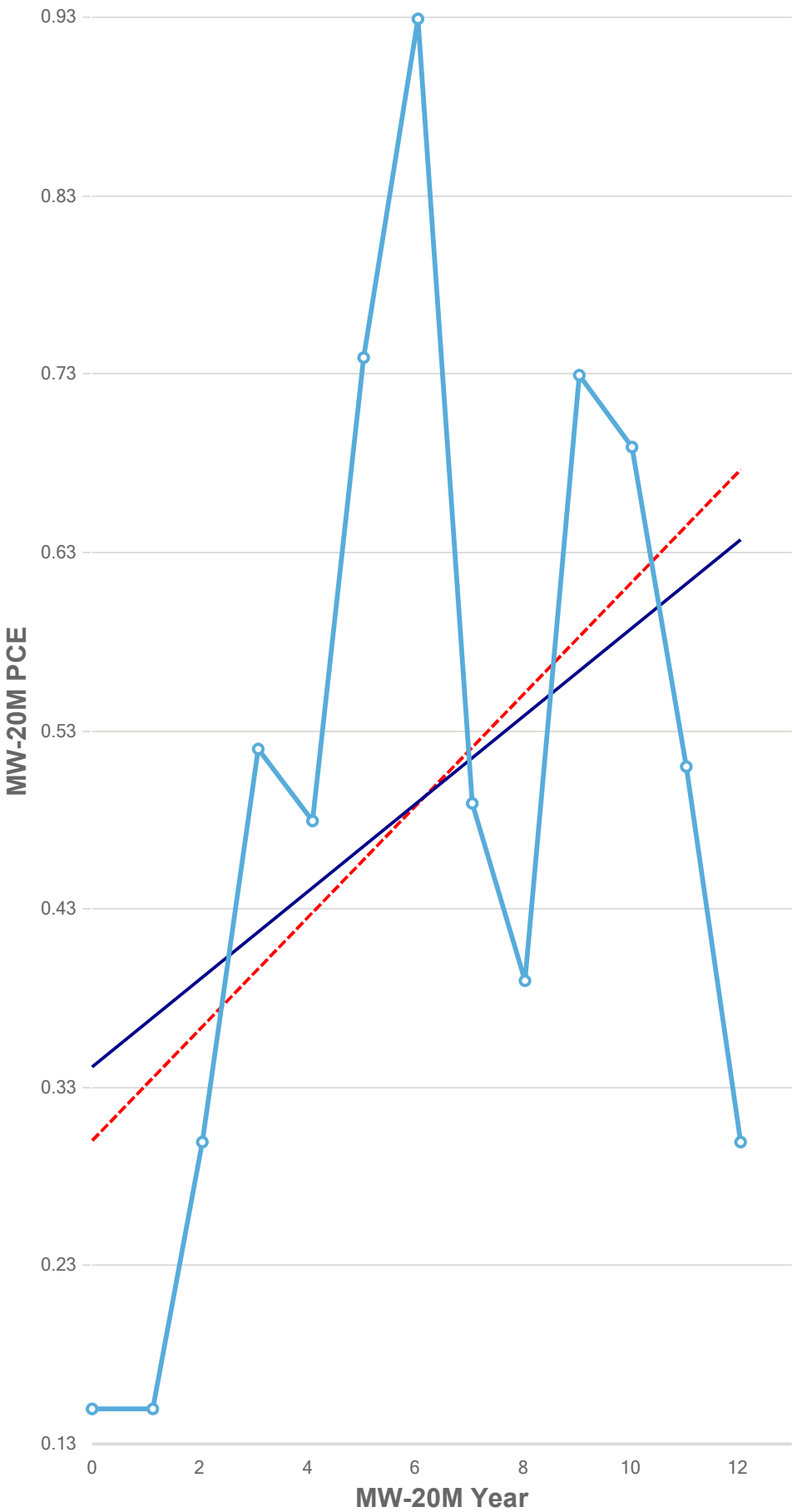
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3299
Standardized Value of S	-0.1837
M-K Test Value (S)	-4
Tabulated p-value	0.4290
Approximate p-value	0.4271

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0147
OLS Regression Intercept	15.7776

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.3224
Theil-Sen Intercept	19.9510

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

Mann-Kendall Trend Test



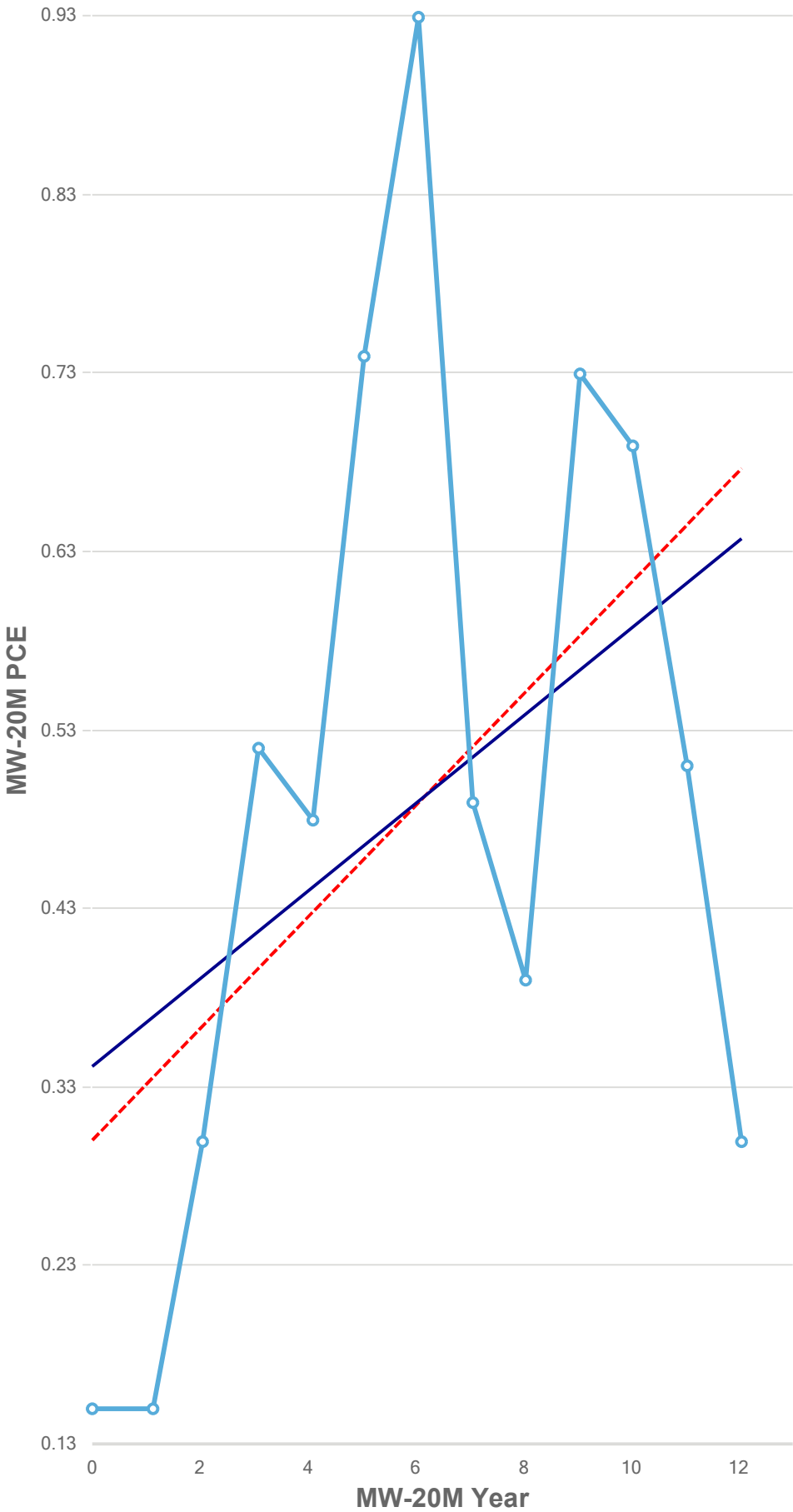
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3299
Standardized Value of S	1.1635
M-K Test Value (S)	20
Tabulated p-value	0.1260
Approximate p-value	0.1223

OLS Regression Line (Blue)	
OLS Regression Slope	0.0246
OLS Regression Intercept	0.3419

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0312
Theil-Sen Intercept	0.3012

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

Mann-Kendall Trend Test



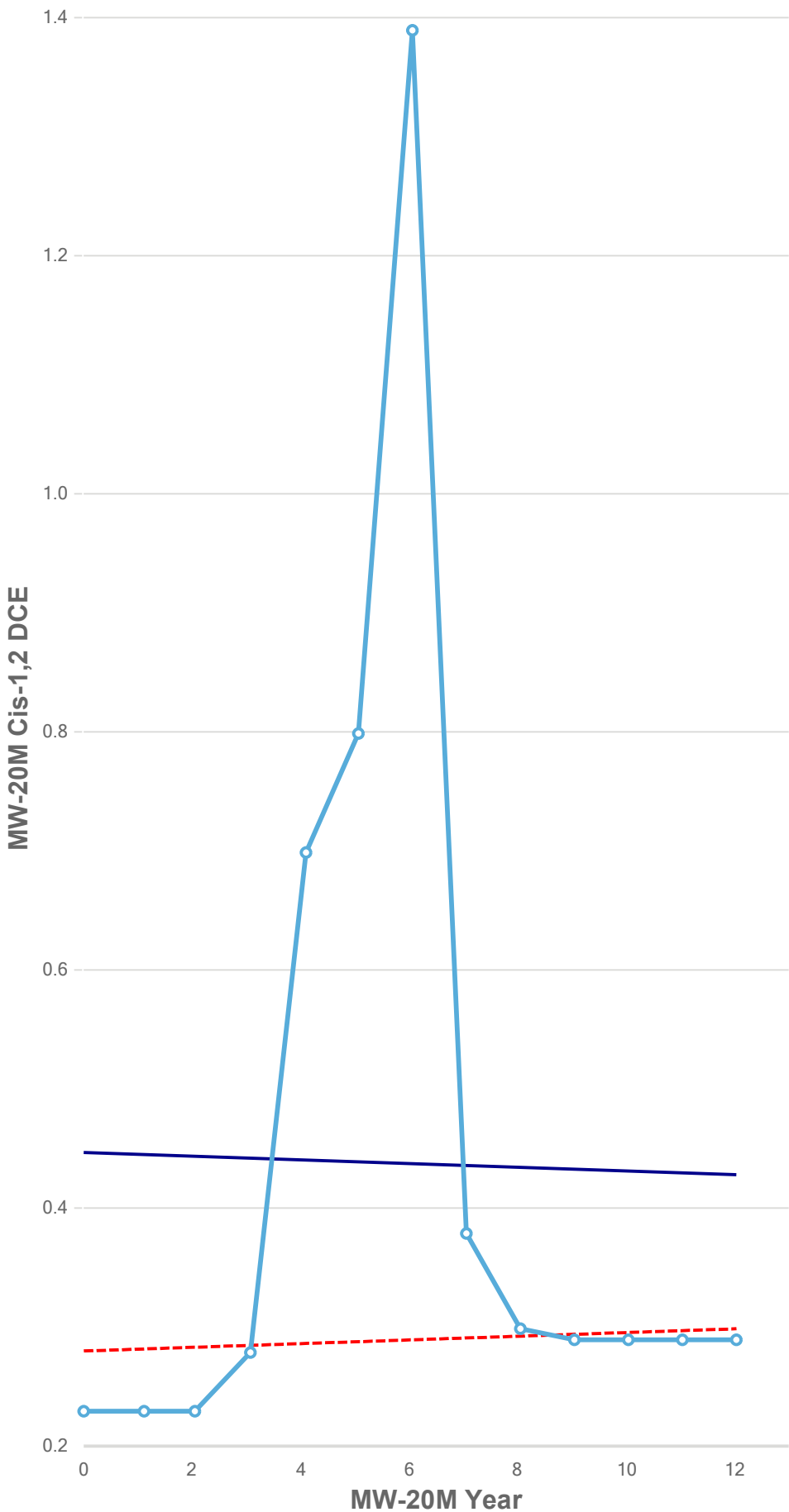
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3299
Standardized Value of S	1.1635
M-K Test Value (S)	20
Tabulated p-value	0.1260
Approximate p-value	0.1223

OLS Regression Line (Blue)	
OLS Regression Slope	0.0246
OLS Regression Intercept	0.3419

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0312
Theil-Sen Intercept	0.3012

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

Mann-Kendall Trend Test



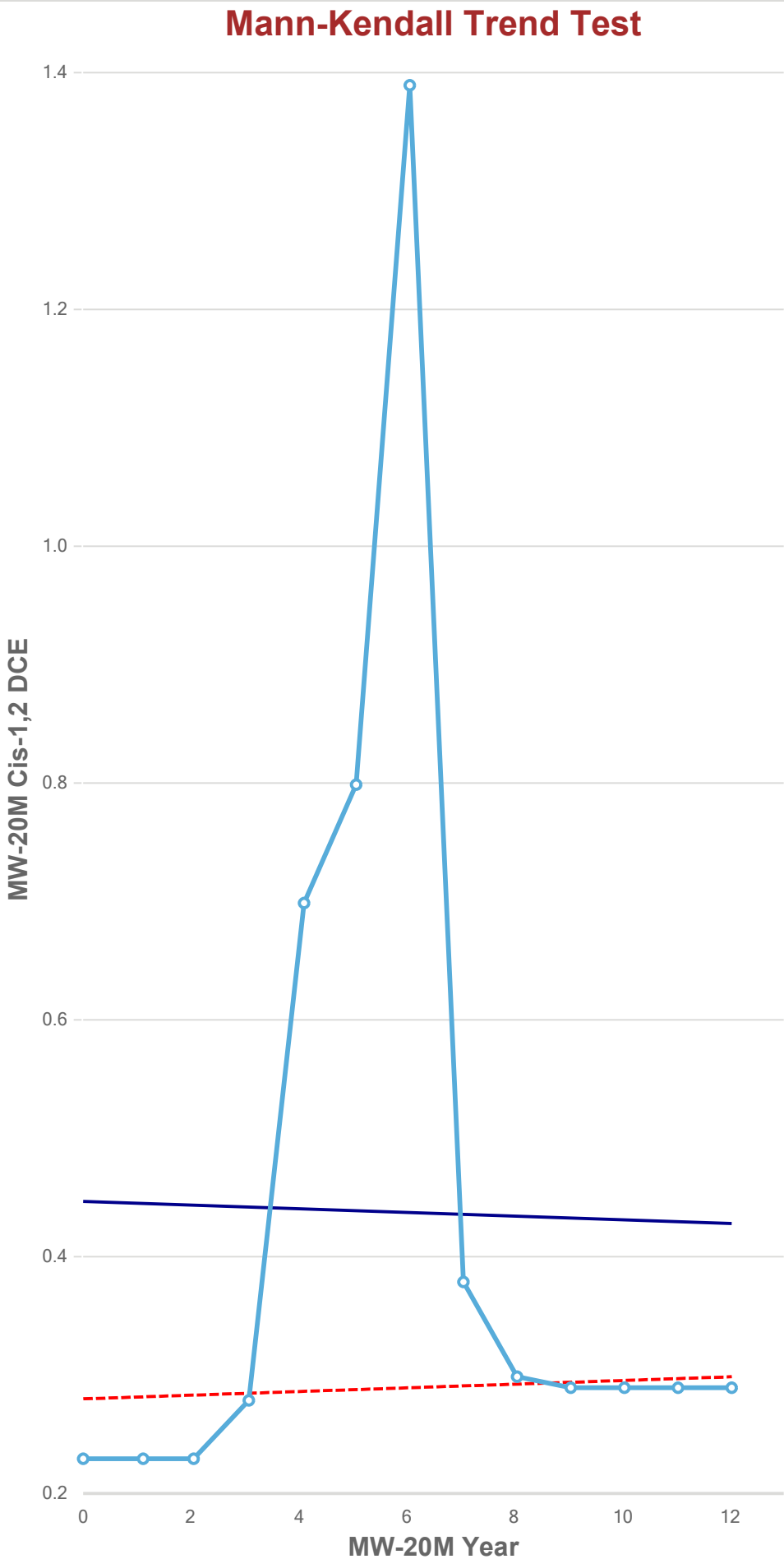
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.0104
Standardized Value of S	0.8744
M-K Test Value (S)	15
Tabulated p-value	0.2180
Approximate p-value	0.1909

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0015
OLS Regression Intercept	0.4578

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0016
Theil-Sen Intercept	0.2906

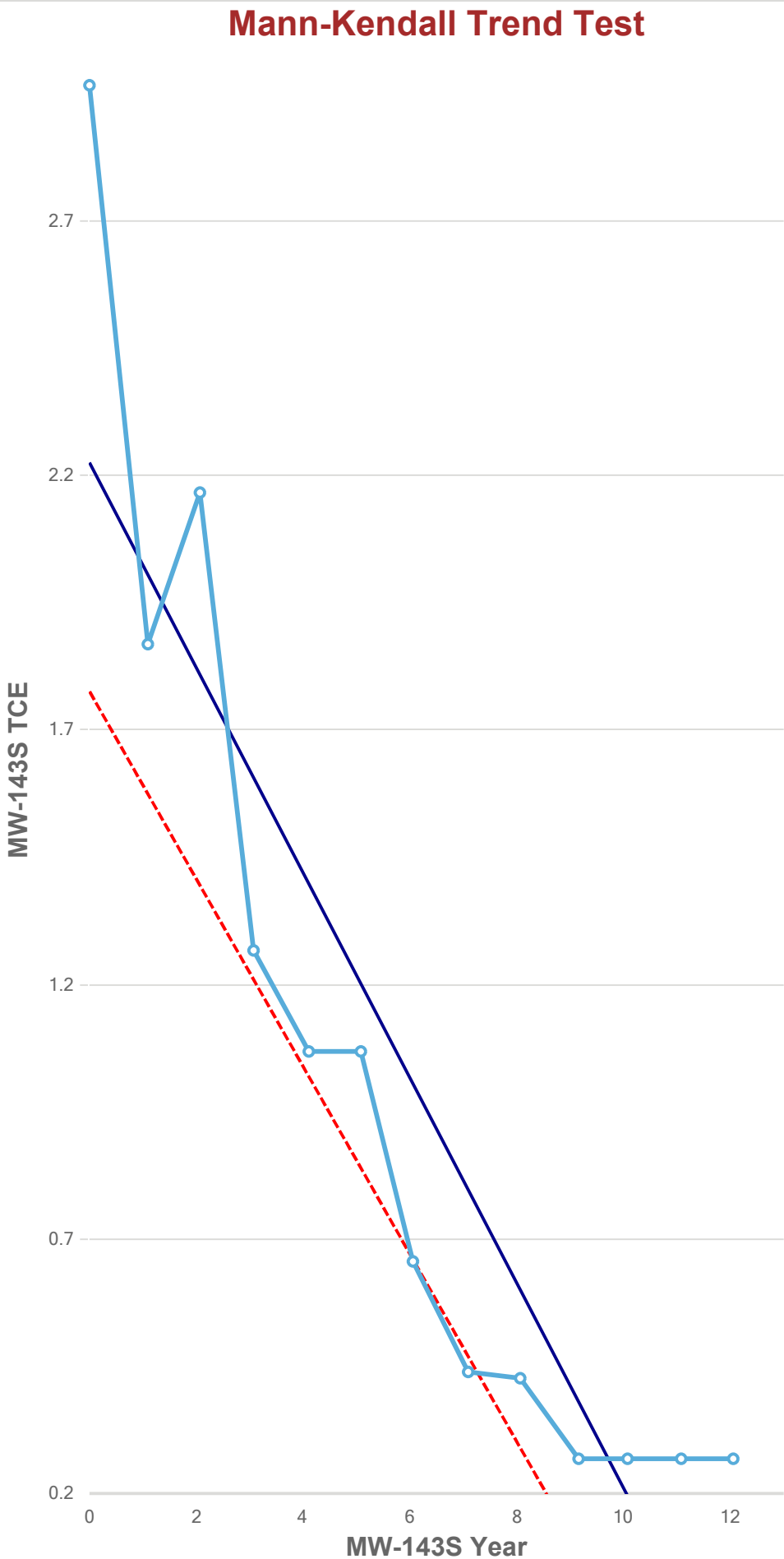
Insufficient statistical evidence of a significant trend at the specified level of significance.

Mann-Kendall Trend Test



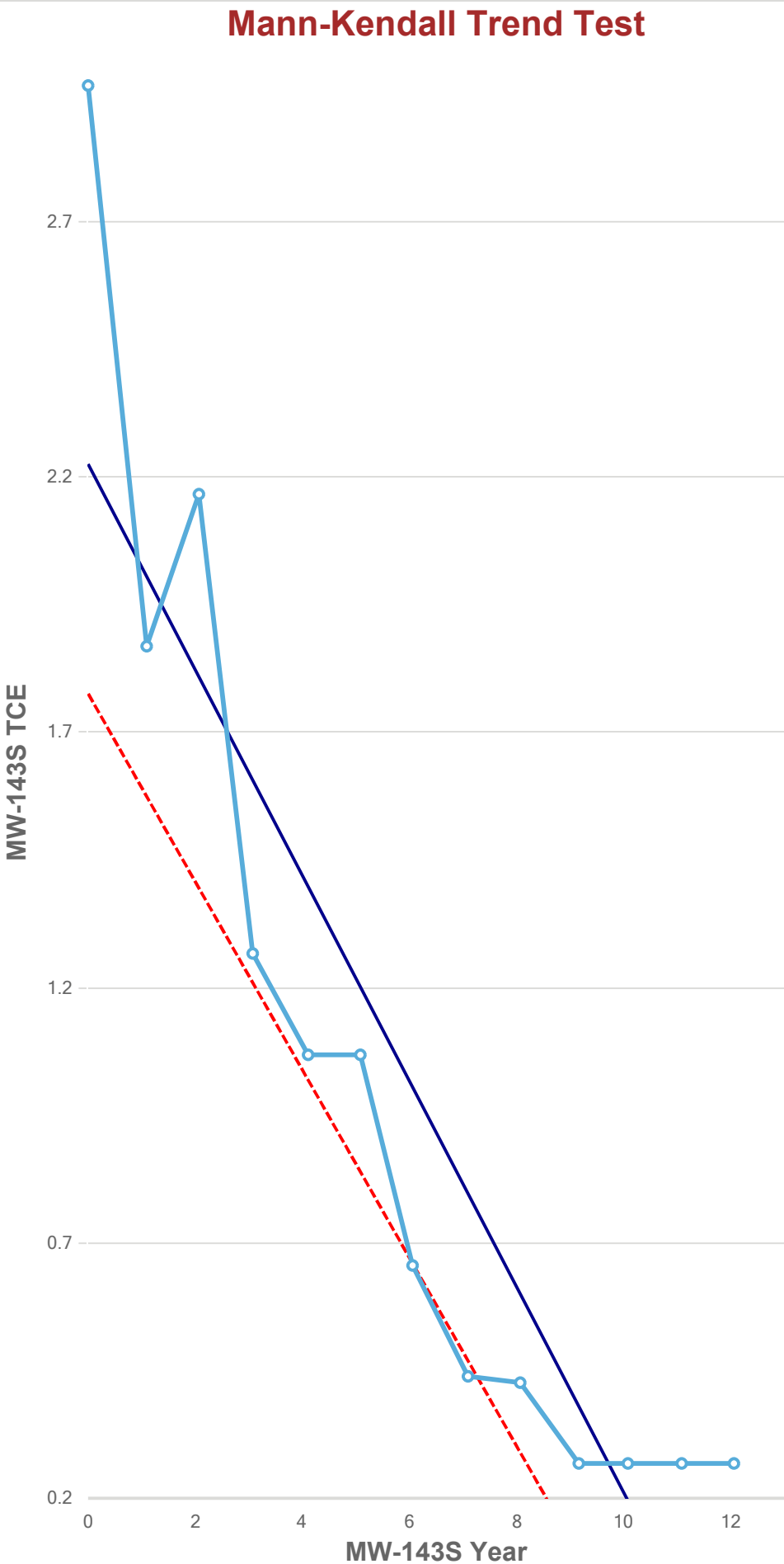
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.0104
Standardized Value of S	0.8744
M-K Test Value (S)	15
Tabulated p-value	0.2180
Approximate p-value	0.1909
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0015
OLS Regression Intercept	0.4578
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0016
Theil-Sen Intercept	0.2906
Insufficient statistical evidence of a significant trend at the specified level of significance.	

Mann-Kendall Trend Test



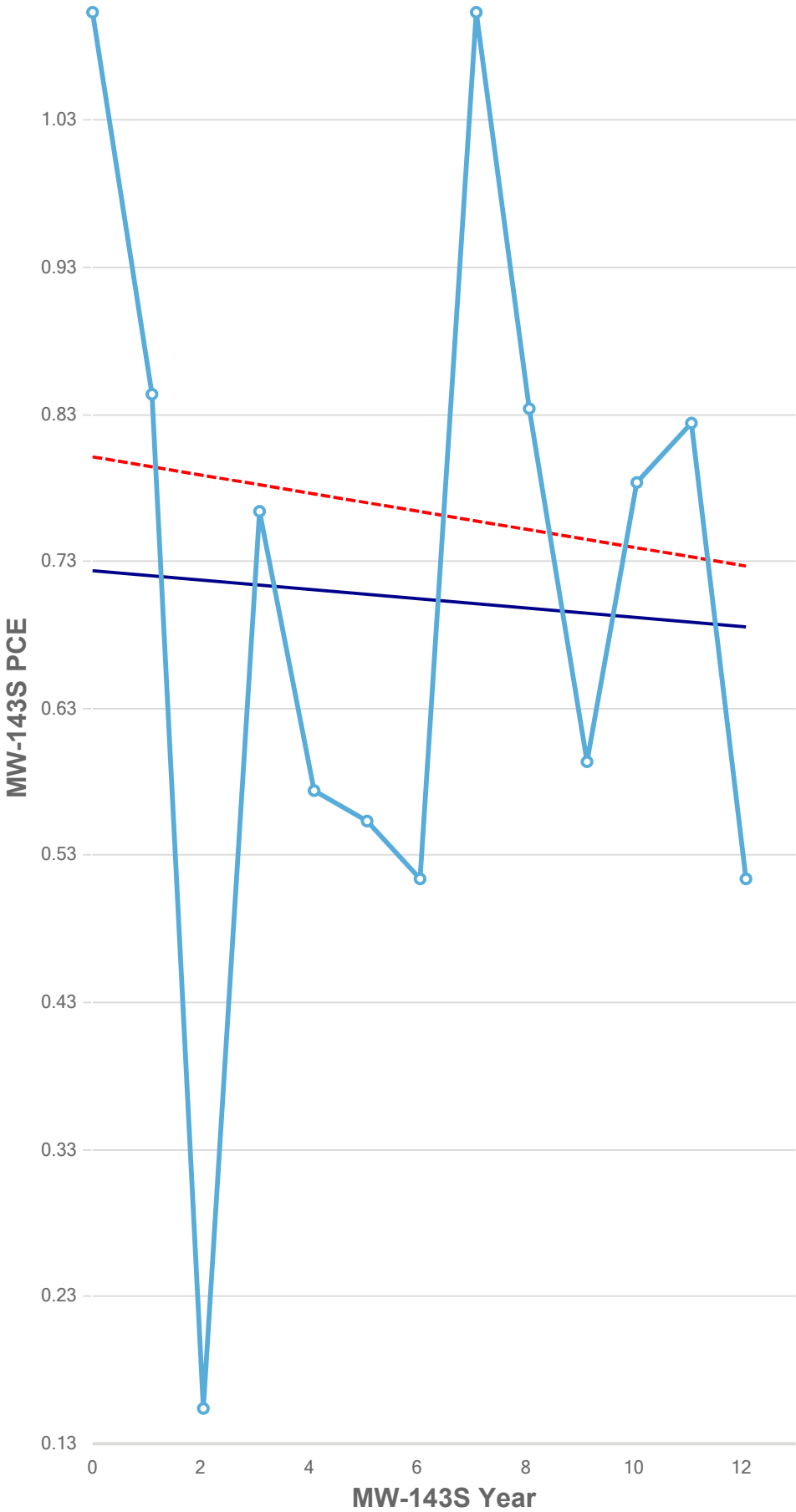
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.0935
Standardized Value of S	-4.2253
M-K Test Value (S)	-69
Tabulated p-value	0.0000
Approximate p-value	0.0000
OLS Regression Line (Blue)	
OLS Regression Slope	-0.2016
OLS Regression Intercept	2.2574
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.1841
Theil-Sen Intercept	1.8069
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.0935
Standardized Value of S	-4.2253
M-K Test Value (S)	-69
Tabulated p-value	0.0000
Approximate p-value	0.0000
OLS Regression Line (Blue)	
OLS Regression Slope	-0.2016
OLS Regression Intercept	2.2574
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.1841
Theil-Sen Intercept	1.8069
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



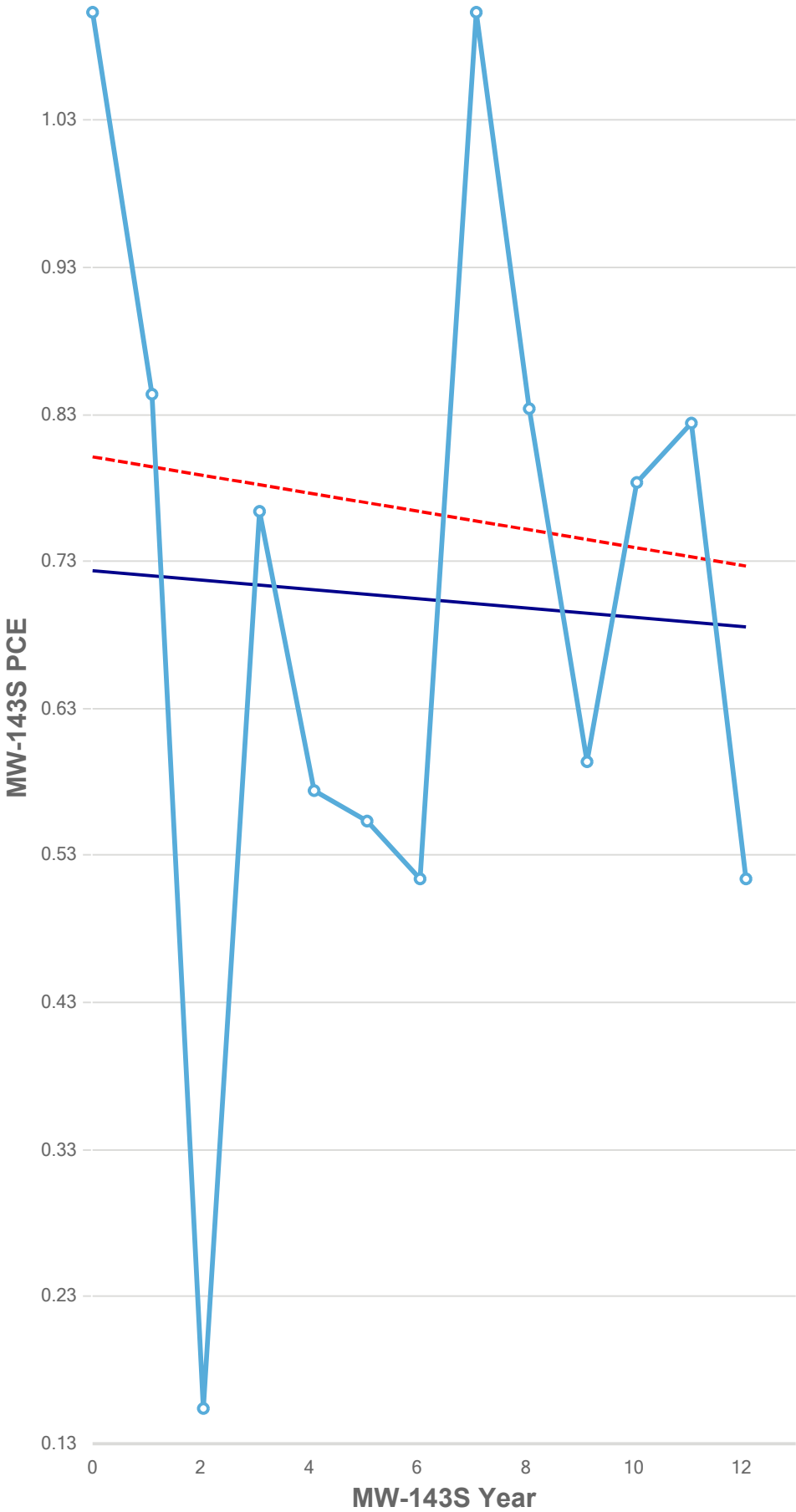
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3299
Standardized Value of S	-0.5511
M-K Test Value (S)	-10
Tabulated p-value	0.2950
Approximate p-value	0.2908

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0032
OLS Regression Intercept	0.7201

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0062
Theil-Sen Intercept	0.7976

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

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3299
Standardized Value of S	-0.5511
M-K Test Value (S)	-10
Tabulated p-value	0.2950
Approximate p-value	0.2908

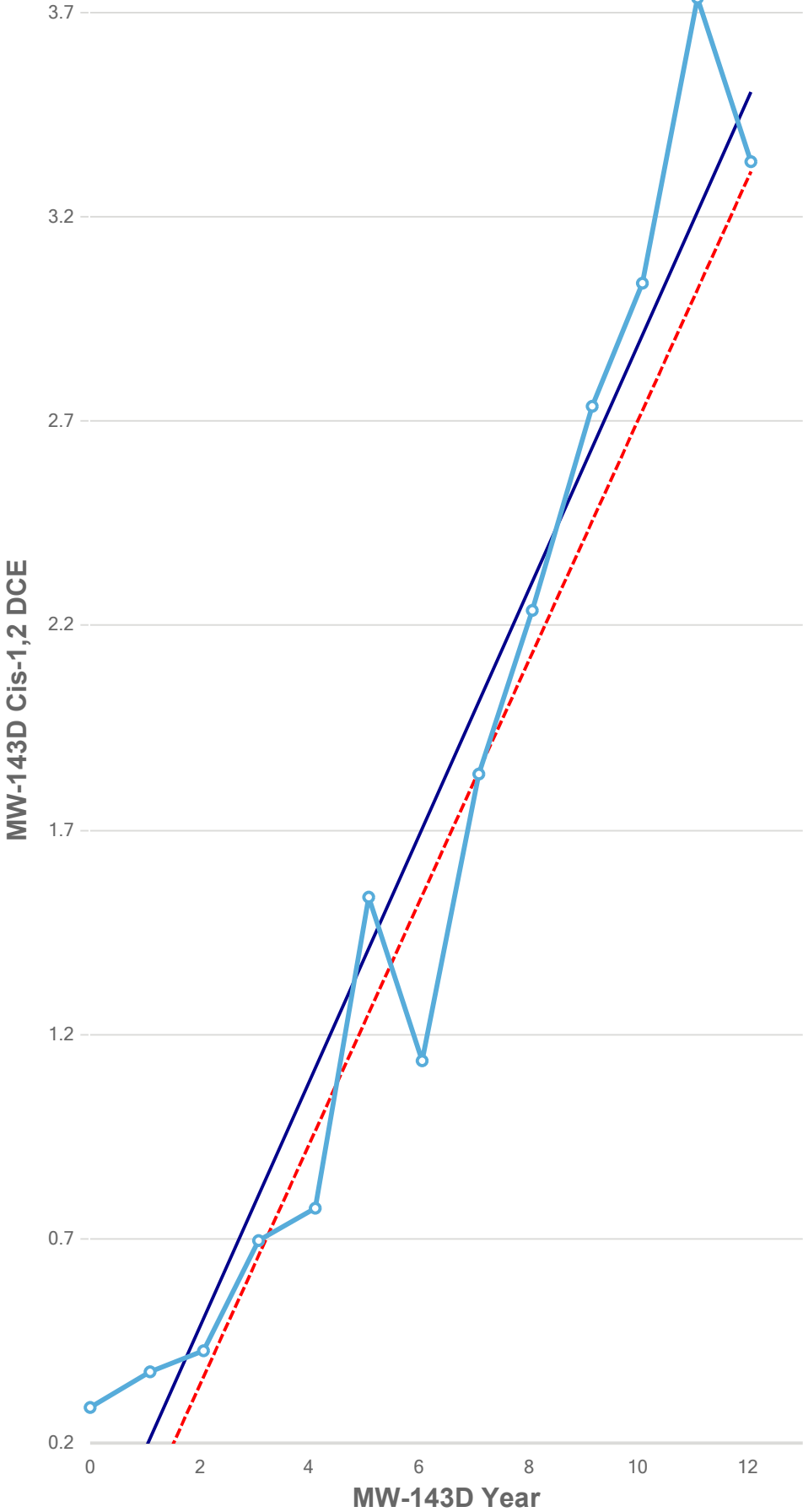
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0032
OLS Regression Intercept	0.7201

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0062
Theil-Sen Intercept	0.7976

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

Mann-Kendall Trend Test

MW-143D Cis-1,2 DCE



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3911
Standardized Value of S	4.4536
M-K Test Value (S)	74
Tabulated p-value	0.0000
Approximate p-value	0.0000

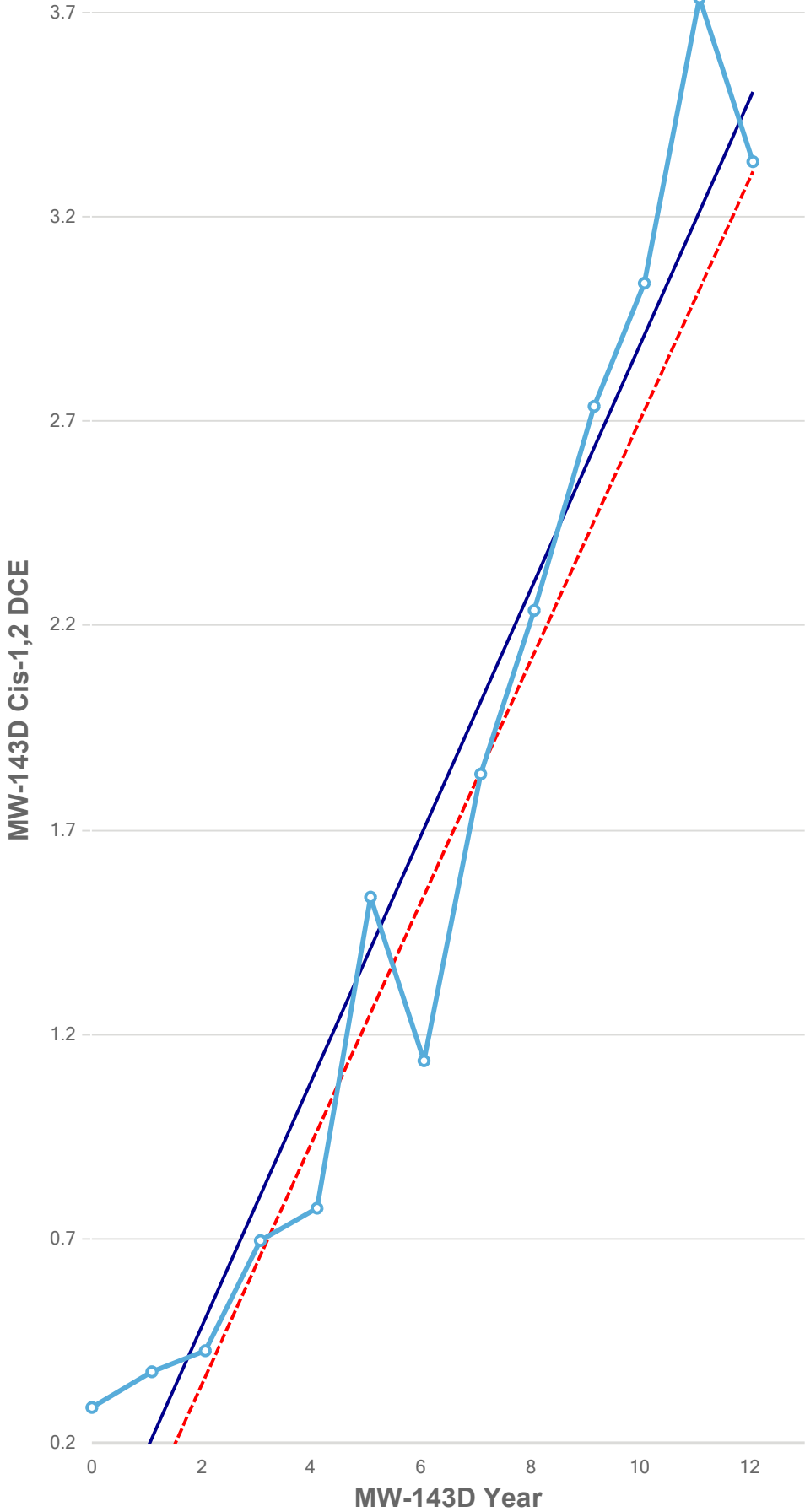
OLS Regression Line (Blue)	
OLS Regression Slope	0.3006
OLS Regression Intercept	-0.1583

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.2952
Theil-Sen Intercept	-0.2864

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

Mann-Kendall Trend Test

MW-143D Cis-1,2 DCE



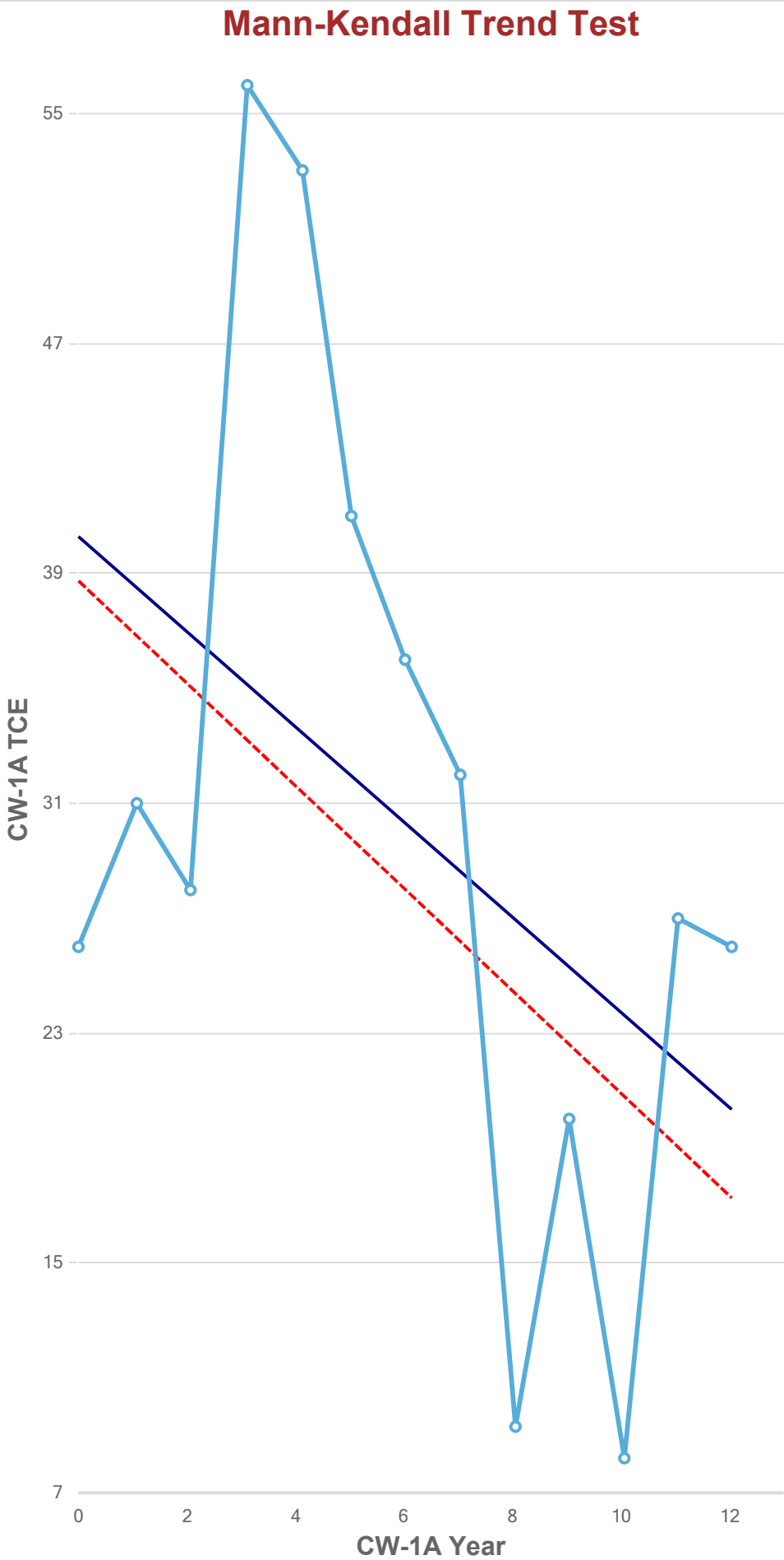
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3911
Standardized Value of S	4.4536
M-K Test Value (S)	74
Tabulated p-value	0.0000
Approximate p-value	0.0000

OLS Regression Line (Blue)	
OLS Regression Slope	0.3006
OLS Regression Intercept	-0.1583

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.2952
Theil-Sen Intercept	-0.2864

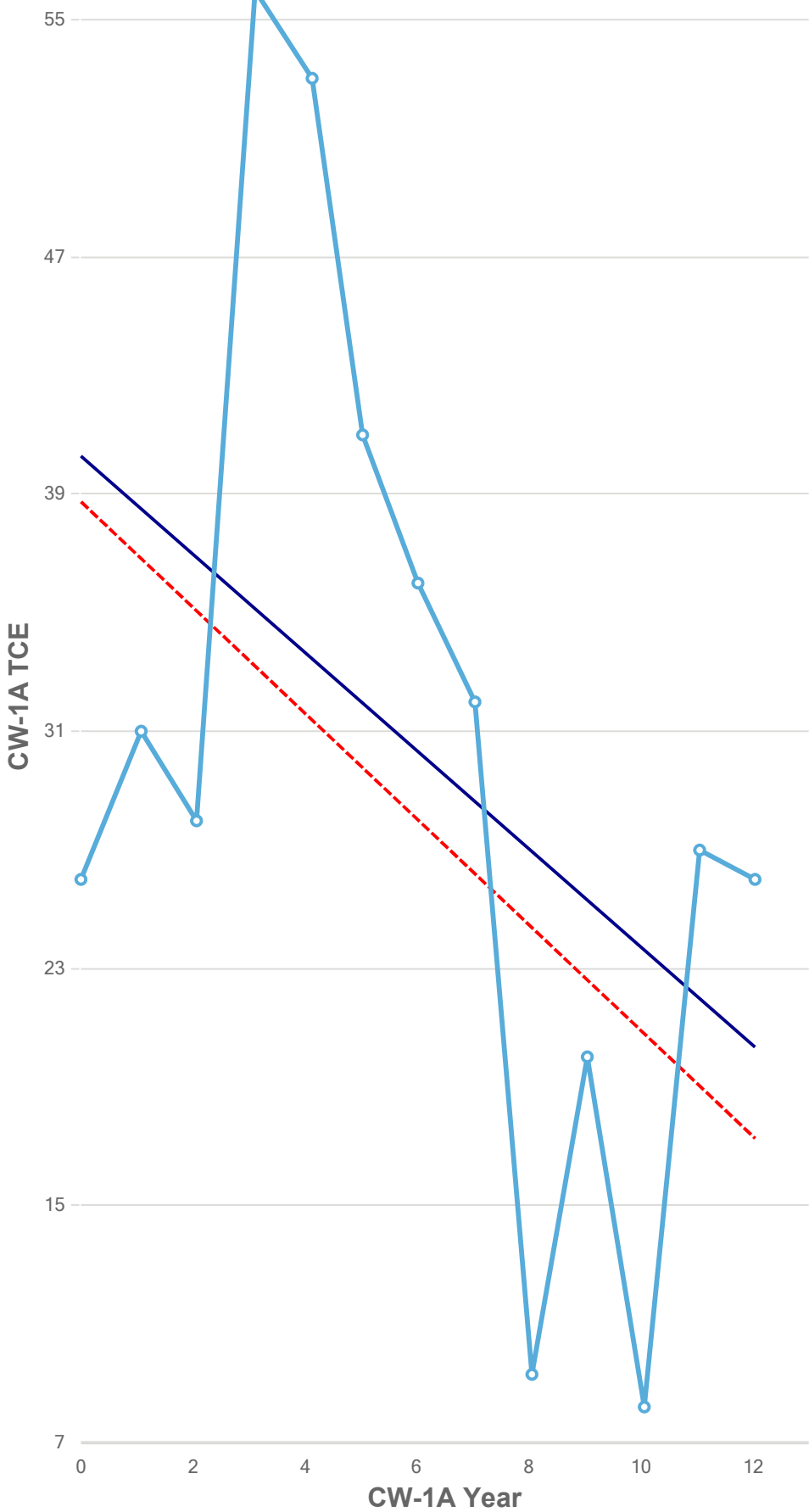
Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3605
Standardized Value of S	-1.5892
M-K Test Value (S)	-27
Tabulated p-value	0.0640
Approximate p-value	0.0560
OLS Regression Line (Blue)	
OLS Regression Slope	-1.6528
OLS Regression Intercept	40.2775
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.7832
Theil-Sen Intercept	38.7577
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



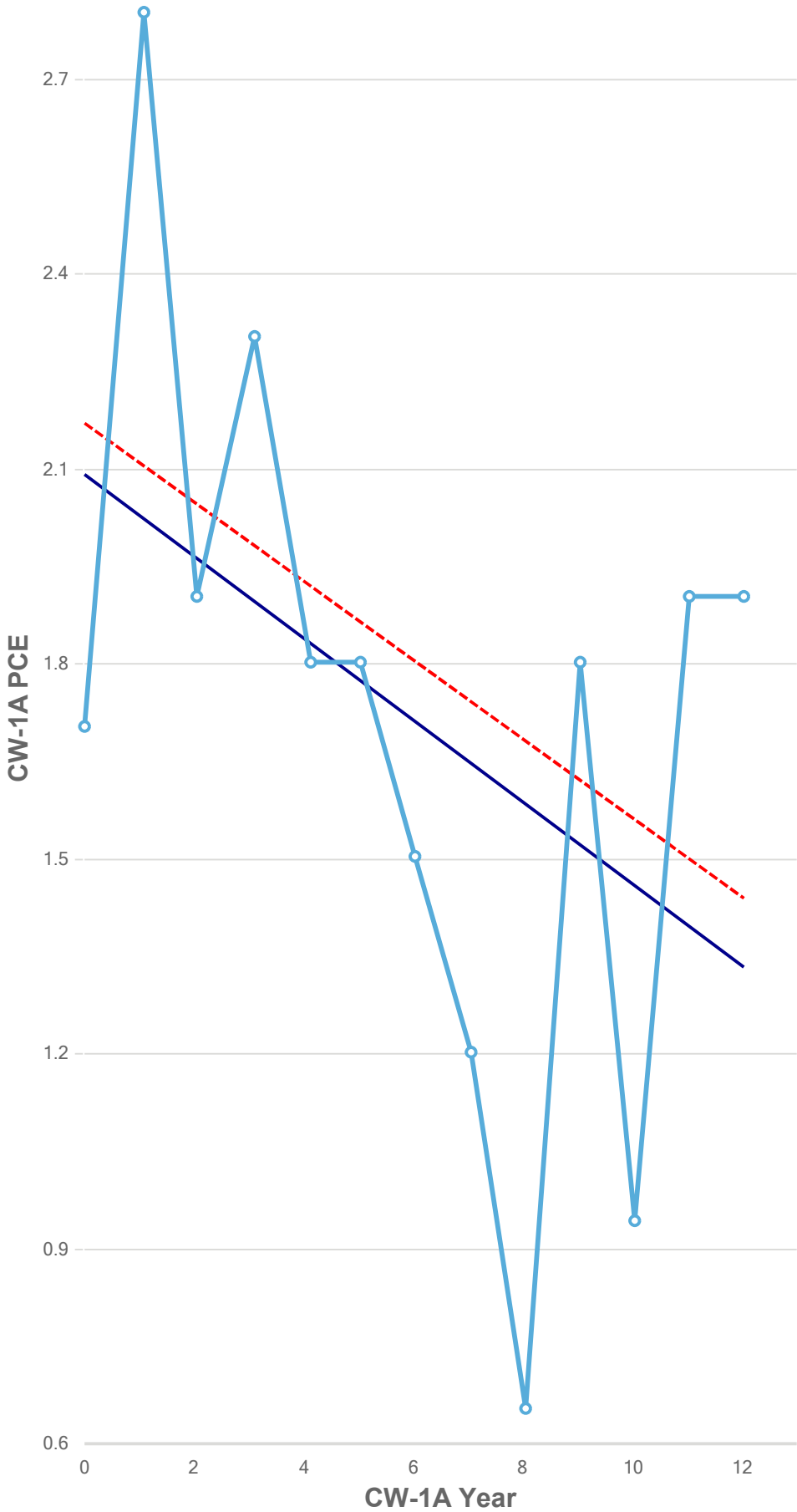
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3605
Standardized Value of S	-1.5892
M-K Test Value (S)	-27
Tabulated p-value	0.0640
Approximate p-value	0.0560

OLS Regression Line (Blue)	
OLS Regression Slope	-1.6528
OLS Regression Intercept	40.2775

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.7832
Theil-Sen Intercept	38.7577

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

Mann-Kendall Trend Test



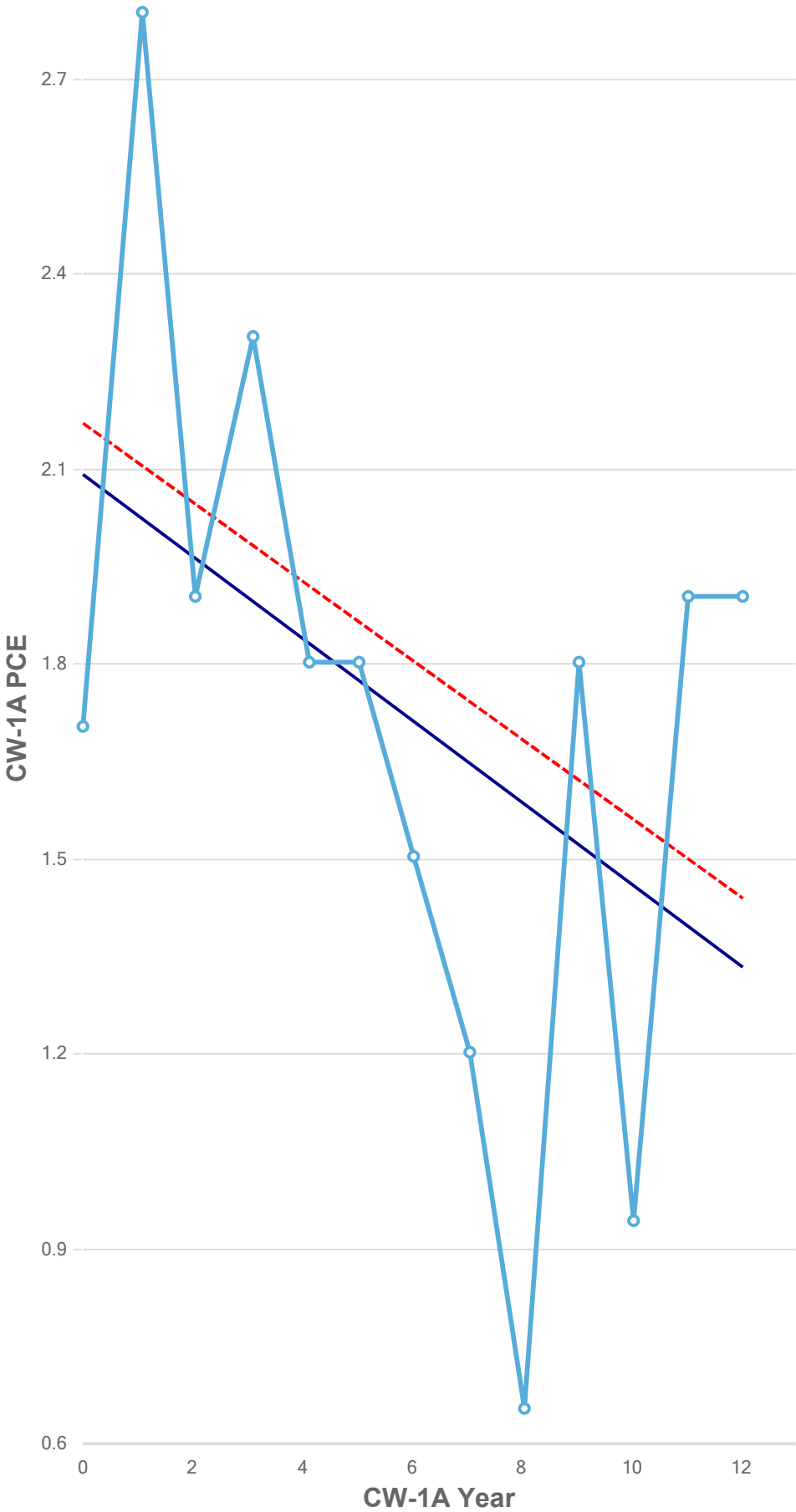
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.1658
Standardized Value of S	-1.0516
M-K Test Value (S)	-18
Tabulated p-value	0.1530
Approximate p-value	0.1465

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0631
OLS Regression Intercept	2.0893

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0607
Theil-Sen Intercept	2.1660

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

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.1658
Standardized Value of S	-1.0516
M-K Test Value (S)	-18
Tabulated p-value	0.1530
Approximate p-value	0.1465

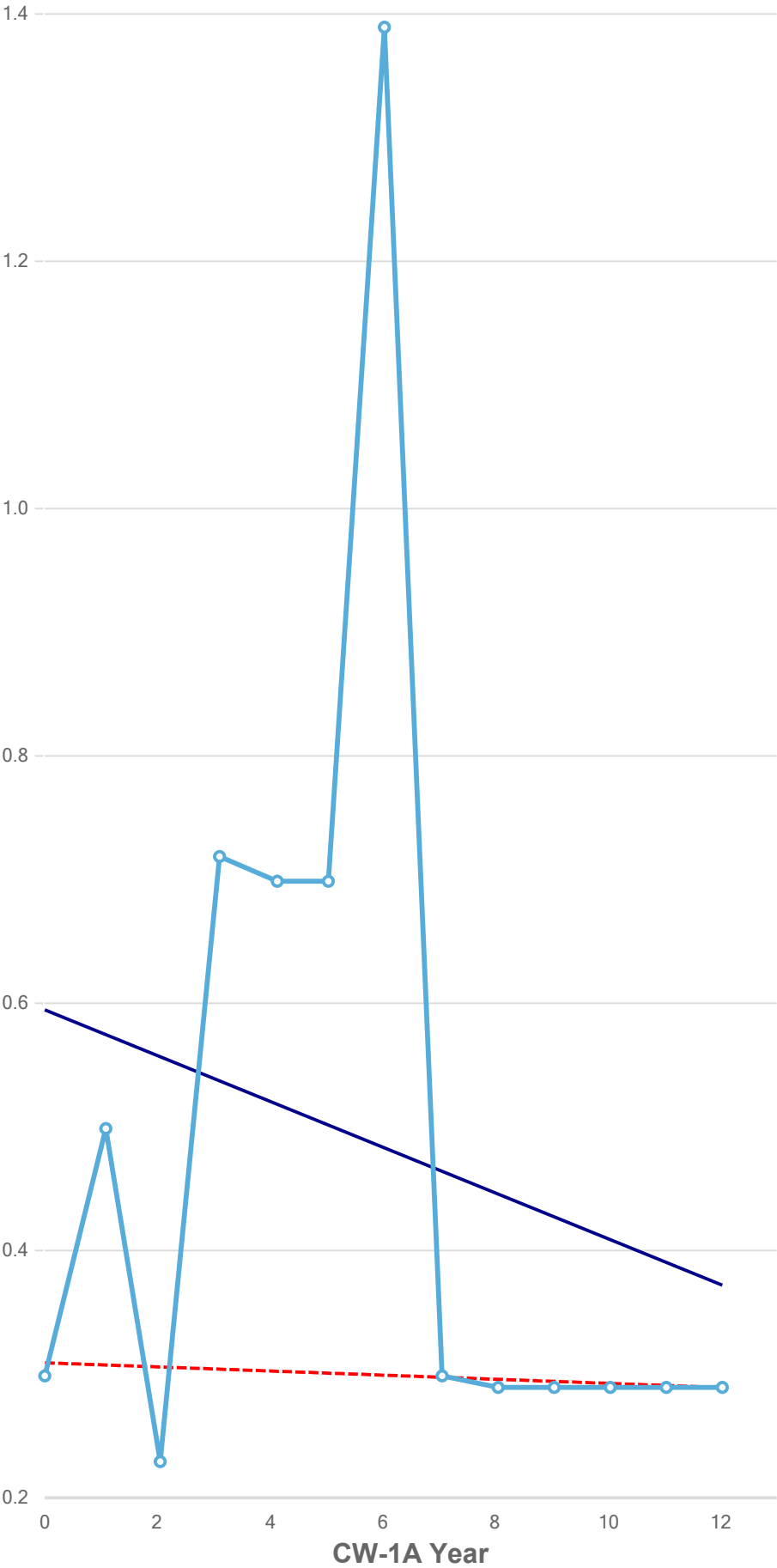
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0631
OLS Regression Intercept	2.0893

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0607
Theil-Sen Intercept	2.1660

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

Mann-Kendall Trend Test

CW-1A Cis-1,2 DCE



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	15.8114
Standardized Value of S	-1.3282
M-K Test Value (S)	-22
Tabulated p-value	0.1020
Approximate p-value	0.0921

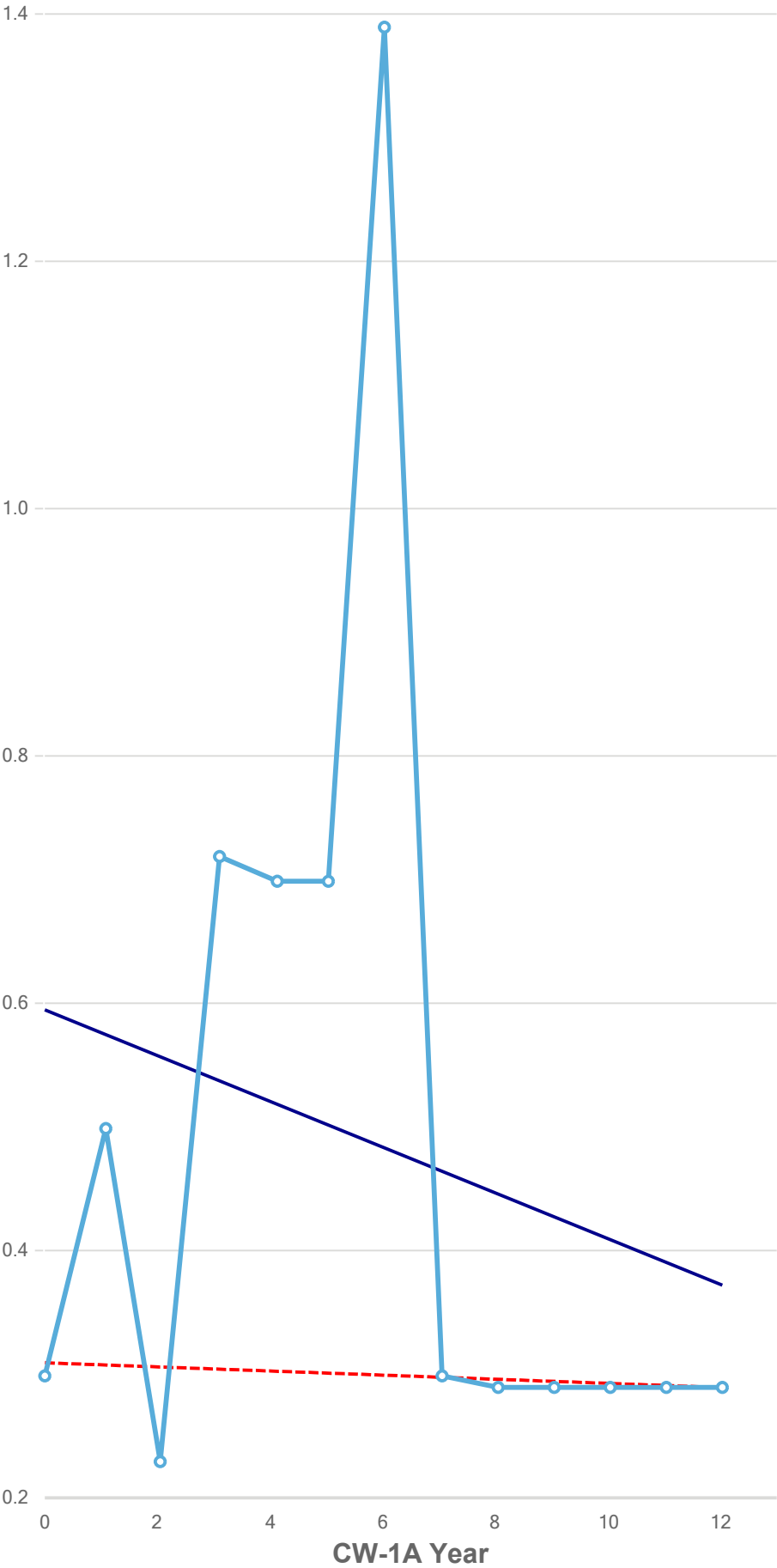
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0185
OLS Regression Intercept	0.6057

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0016
Theil-Sen Intercept	0.3198

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

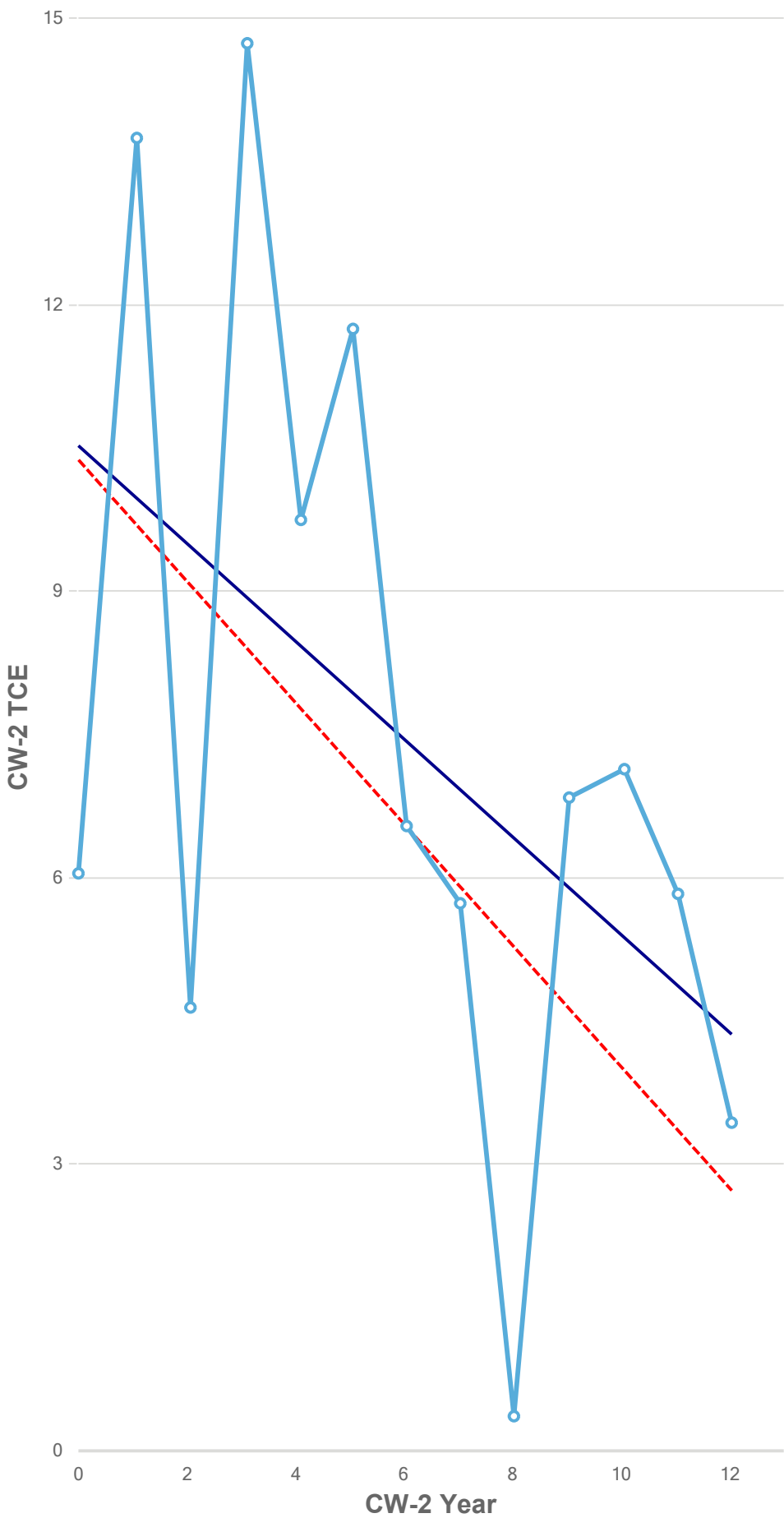
Mann-Kendall Trend Test

CW-1A Cis-1,2 DCE



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	15.8114
Standardized Value of S	-1.3282
M-K Test Value (S)	-22
Tabulated p-value	0.1020
Approximate p-value	0.0921
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0185
OLS Regression Intercept	0.6057
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0016
Theil-Sen Intercept	0.3198
Insufficient statistical evidence of a significant trend at the specified level of significance.	

Mann-Kendall Trend Test



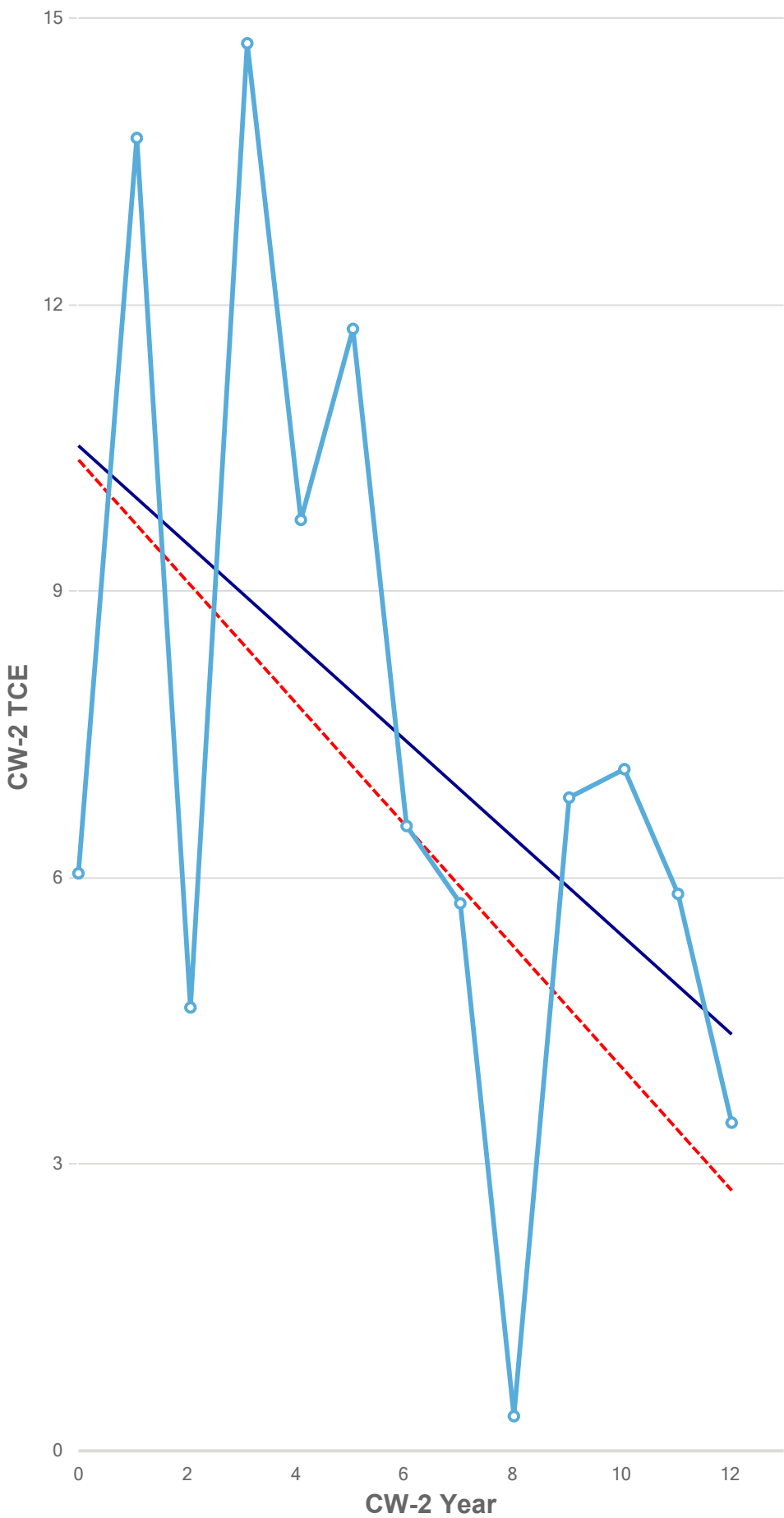
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3911
Standardized Value of S	-1.4032
M-K Test Value (S)	-24
Tabulated p-value	0.0820
Approximate p-value	0.0803

OLS Regression Line (Blue)	
OLS Regression Slope	-0.5105
OLS Regression Intercept	10.7774

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.6342
Theil-Sen Intercept	10.6332

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

Mann-Kendall Trend Test



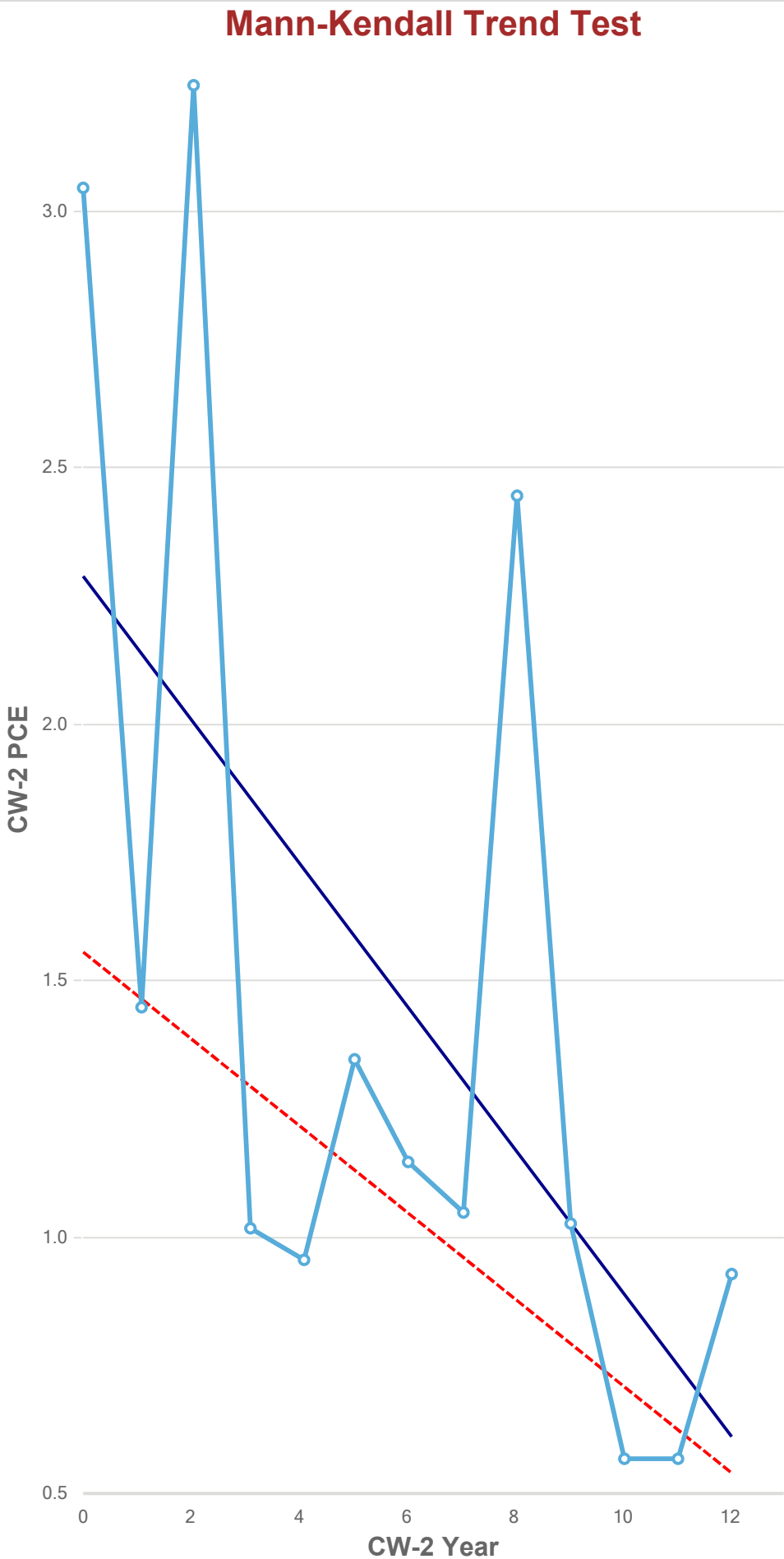
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3911
Standardized Value of S	-1.4032
M-K Test Value (S)	-24
Tabulated p-value	0.0820
Approximate p-value	0.0803

OLS Regression Line (Blue)	
OLS Regression Slope	-0.5105
OLS Regression Intercept	10.7774

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.6342
Theil-Sen Intercept	10.6332

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

Mann-Kendall Trend Test



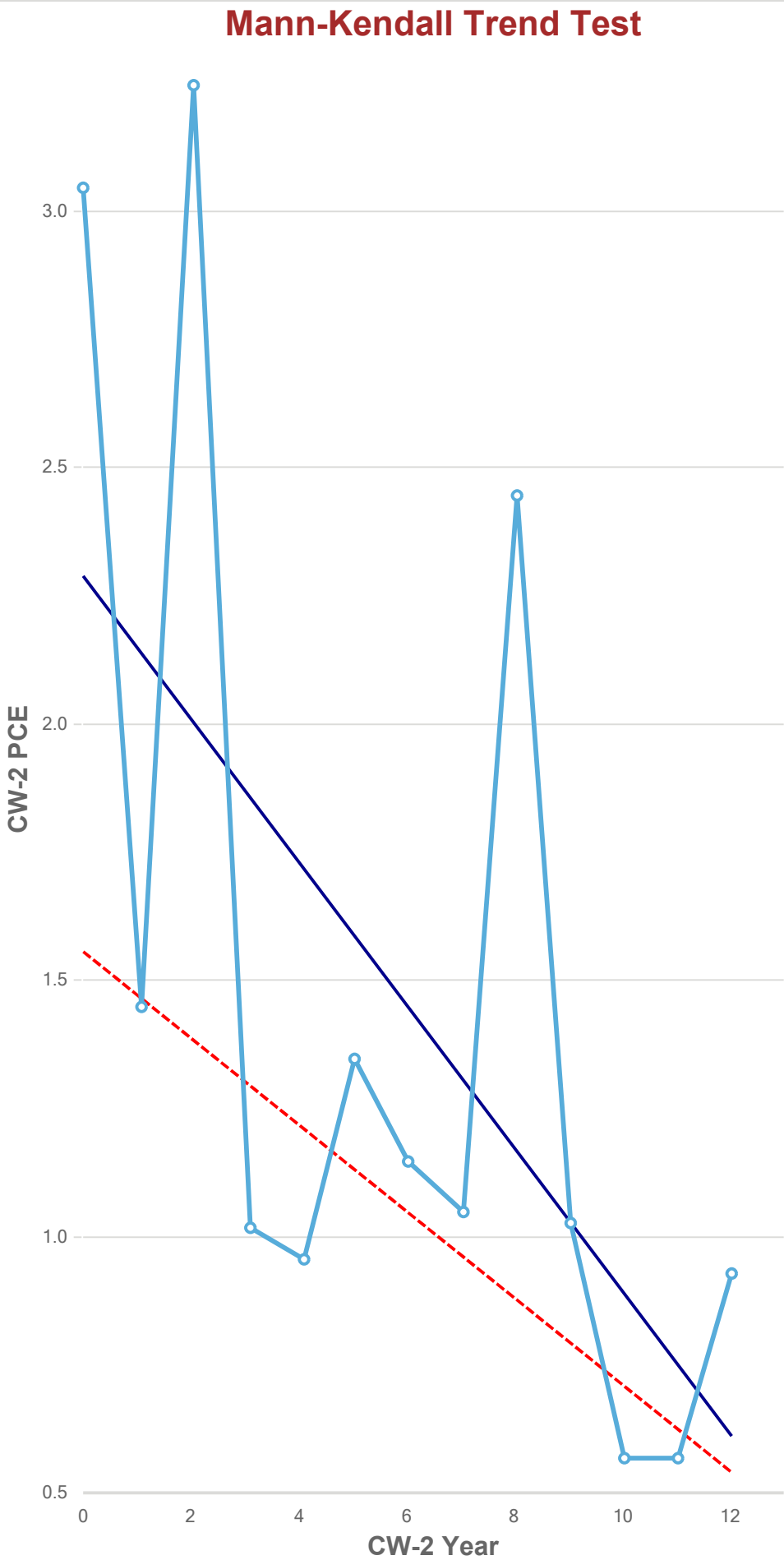
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3605
Standardized Value of S	-2.4449
M-K Test Value (S)	-41
Tabulated p-value	0.0070
Approximate p-value	0.0072

OLS Regression Line (Blue)	
OLS Regression Slope	-0.1391
OLS Regression Intercept	2.2408

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0842
Theil-Sen Intercept	1.5091

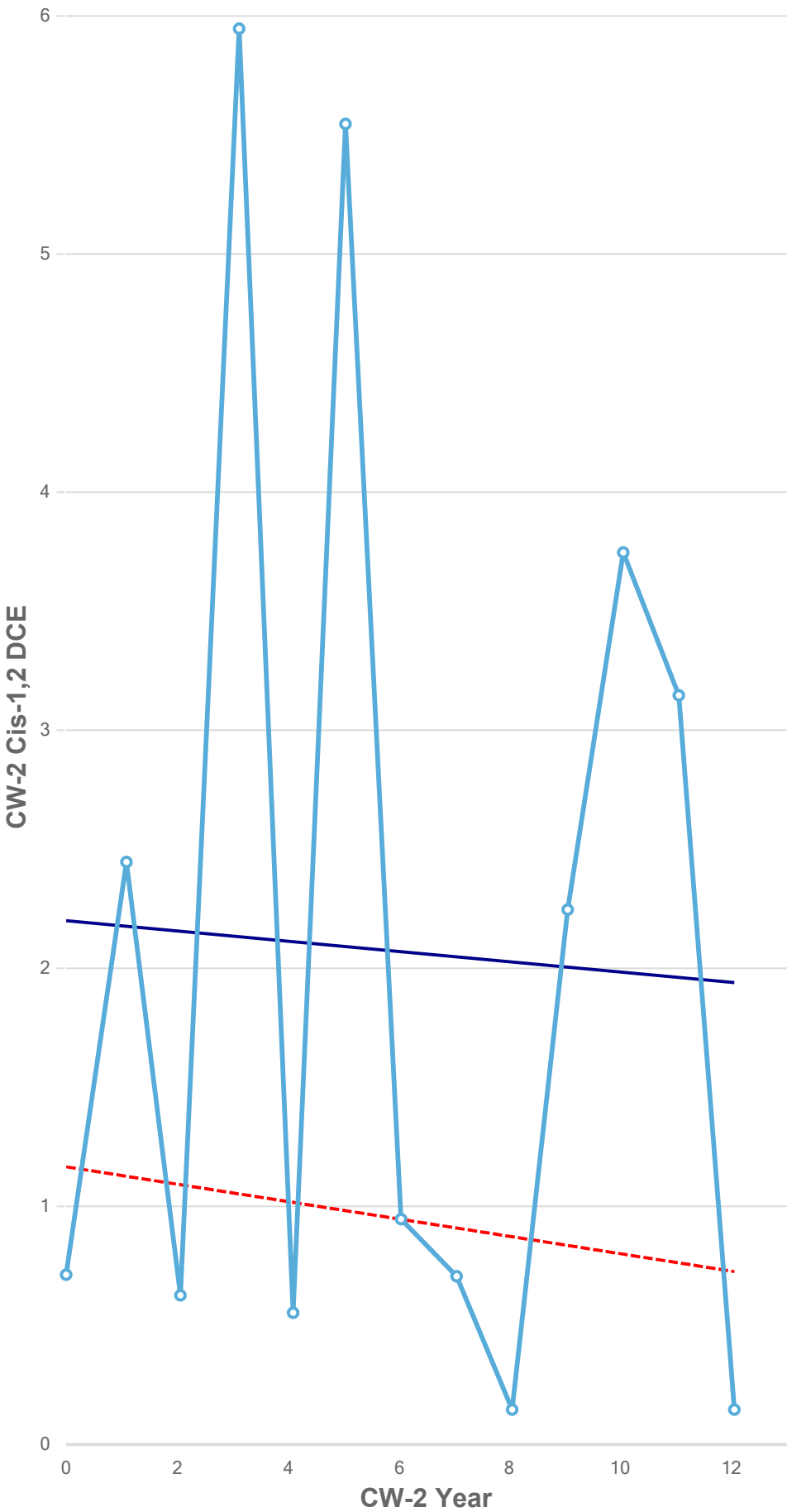
Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3605
Standardized Value of S	-2.4449
M-K Test Value (S)	-41
Tabulated p-value	0.0070
Approximate p-value	0.0072
OLS Regression Line (Blue)	
OLS Regression Slope	-0.1391
OLS Regression Intercept	2.2408
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0842
Theil-Sen Intercept	1.5091
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



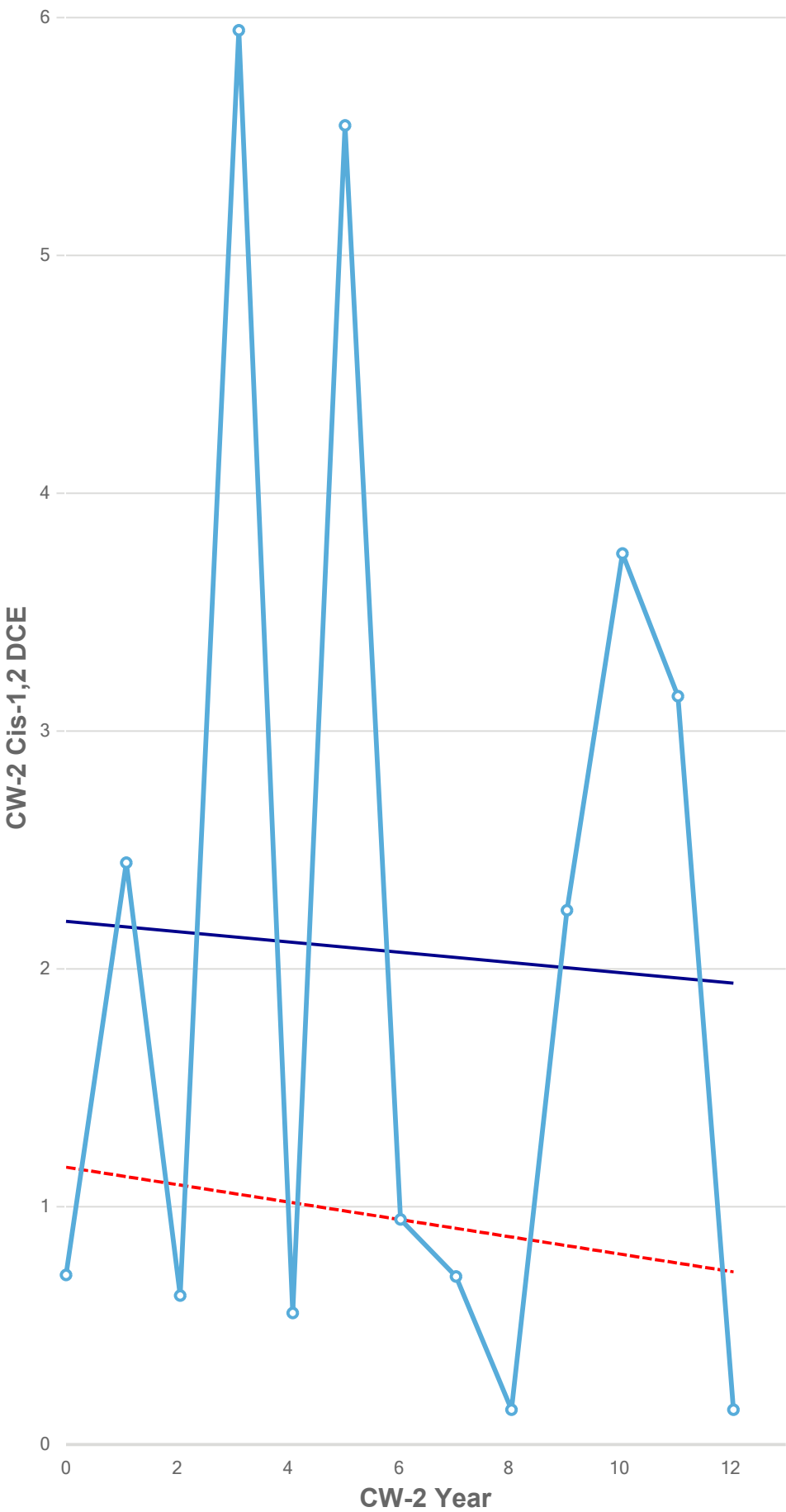
Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	16.3605
Standardized Value of S	-0.3667
M-K Test Value (S)	-7
Tabulated p-value	0.3830
Approximate p-value	0.3569

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0218
OLS Regression Intercept	2.3565

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0366
Theil-Sen Intercept	1.3210

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

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	13
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	16.3605
Standardized Value of S	-0.3667
M-K Test Value (S)	-7
Tabulated p-value	0.3830
Approximate p-value	0.3569

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0218
OLS Regression Intercept	2.3565

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0366
Theil-Sen Intercept	1.3210

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