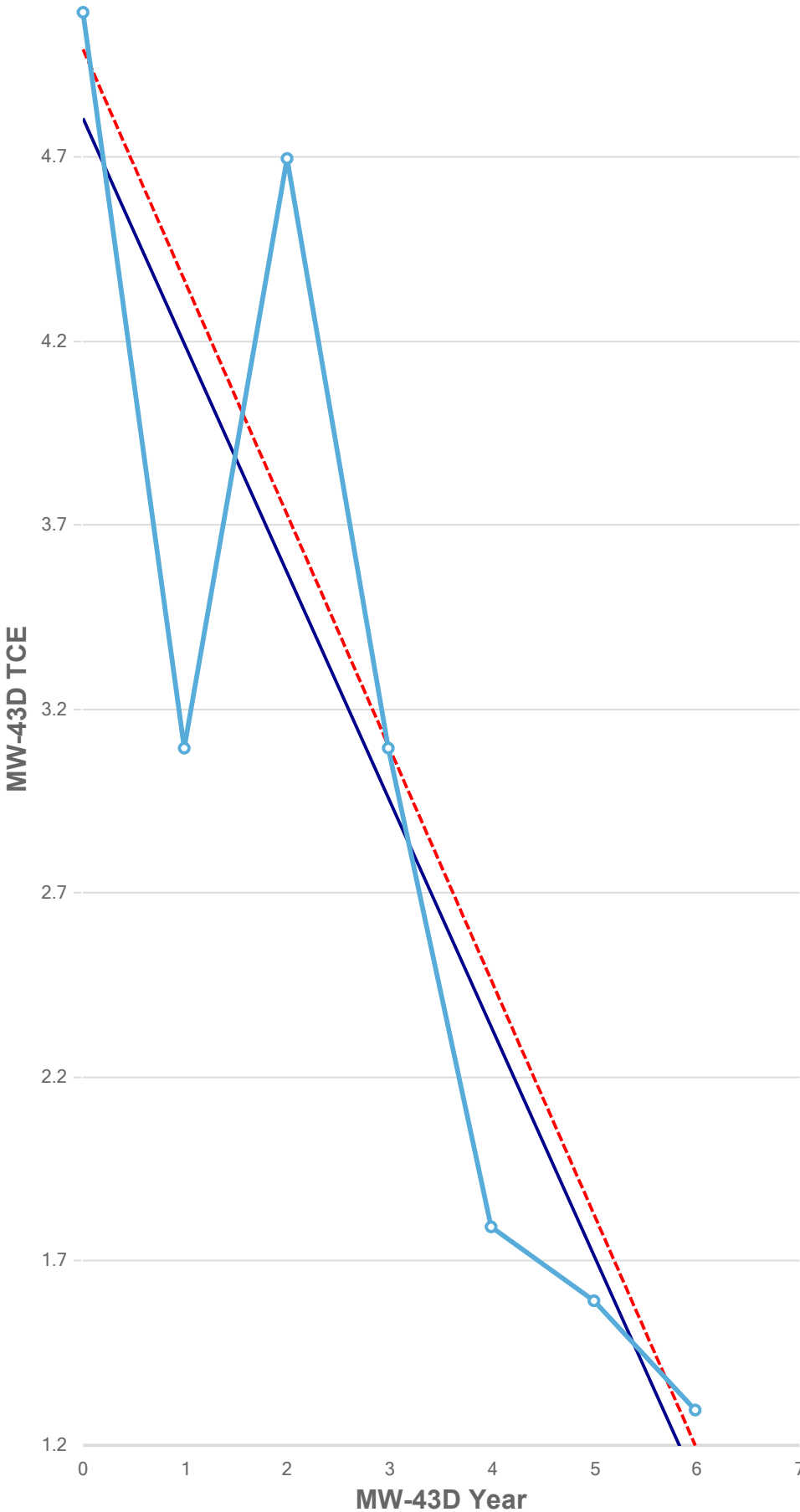


Mann-Kendall Trend Test



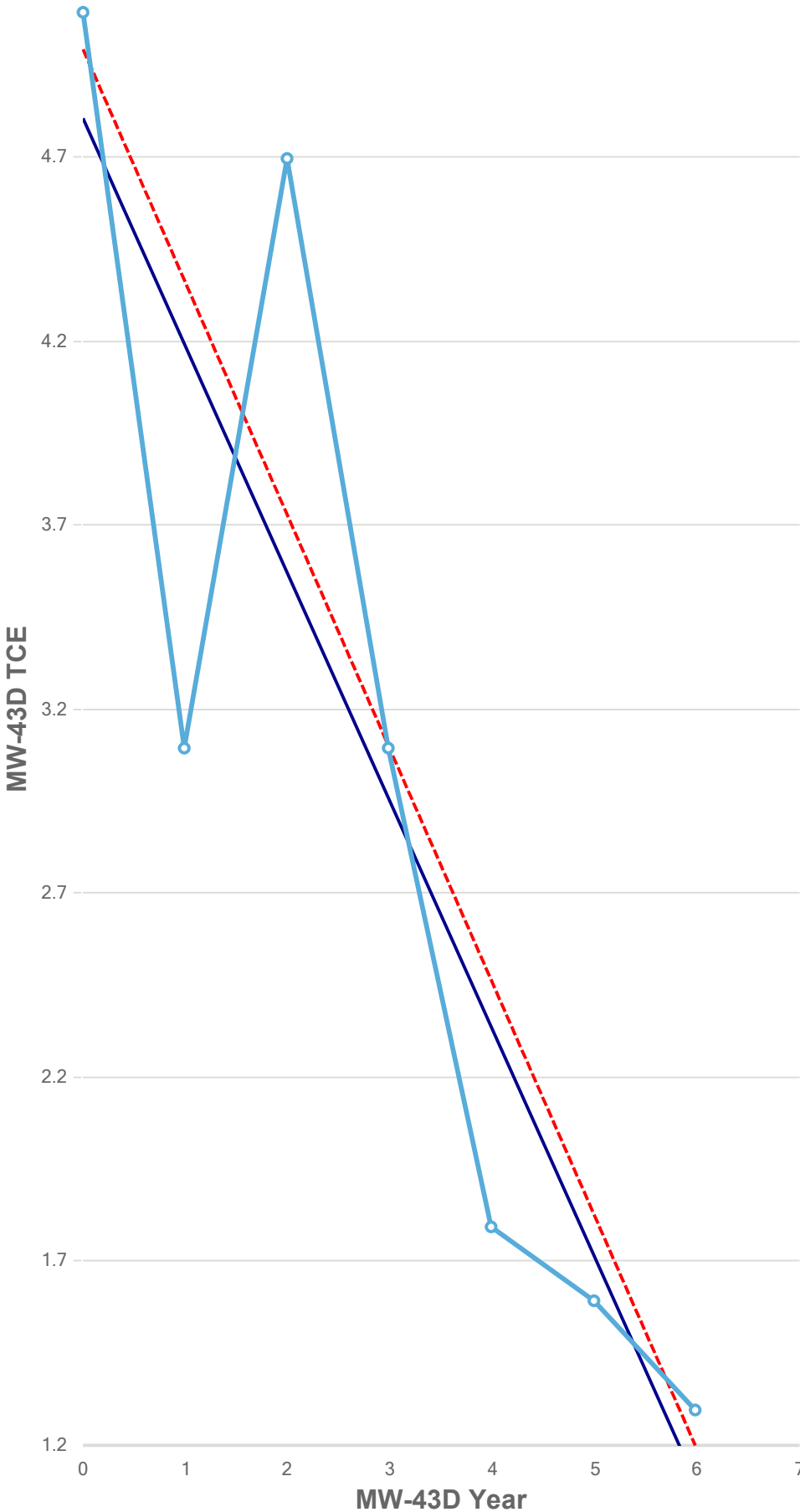
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.5828
Standardized Value of S	-2.5825
M-K Test Value (S)	-18
Tabulated p-value	0.0010
Approximate p-value	0.0049

OLS Regression Line (Blue)	
OLS Regression Slope	-0.6196
OLS Regression Intercept	4.8098

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.6354
Theil-Sen Intercept	4.9991

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

Mann-Kendall Trend Test



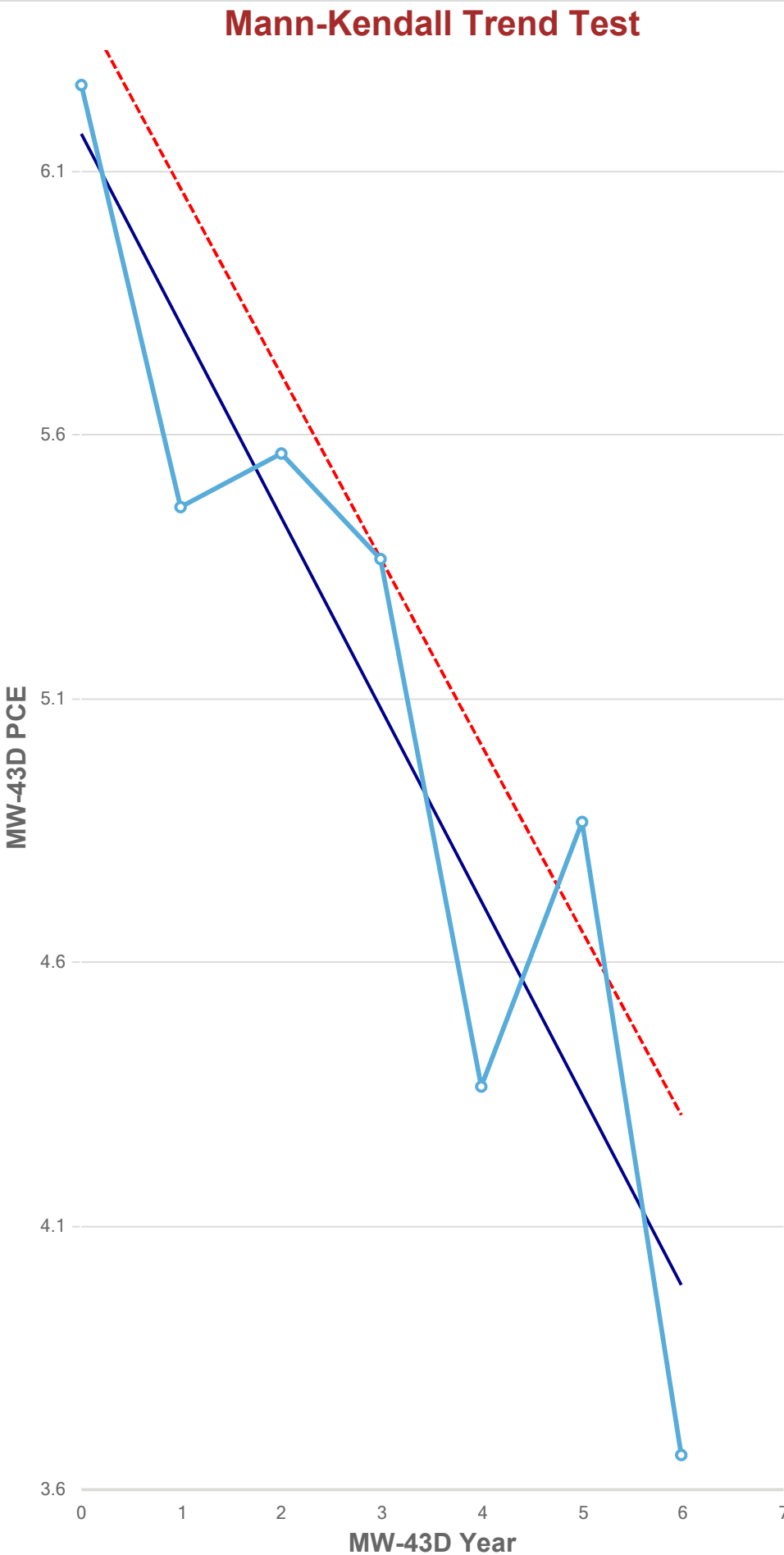
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.5828
Standardized Value of S	-2.5825
M-K Test Value (S)	-18
Tabulated p-value	0.0010
Approximate p-value	0.0049

OLS Regression Line (Blue)	
OLS Regression Slope	-0.6196
OLS Regression Intercept	4.8098

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.6354
Theil-Sen Intercept	4.9991

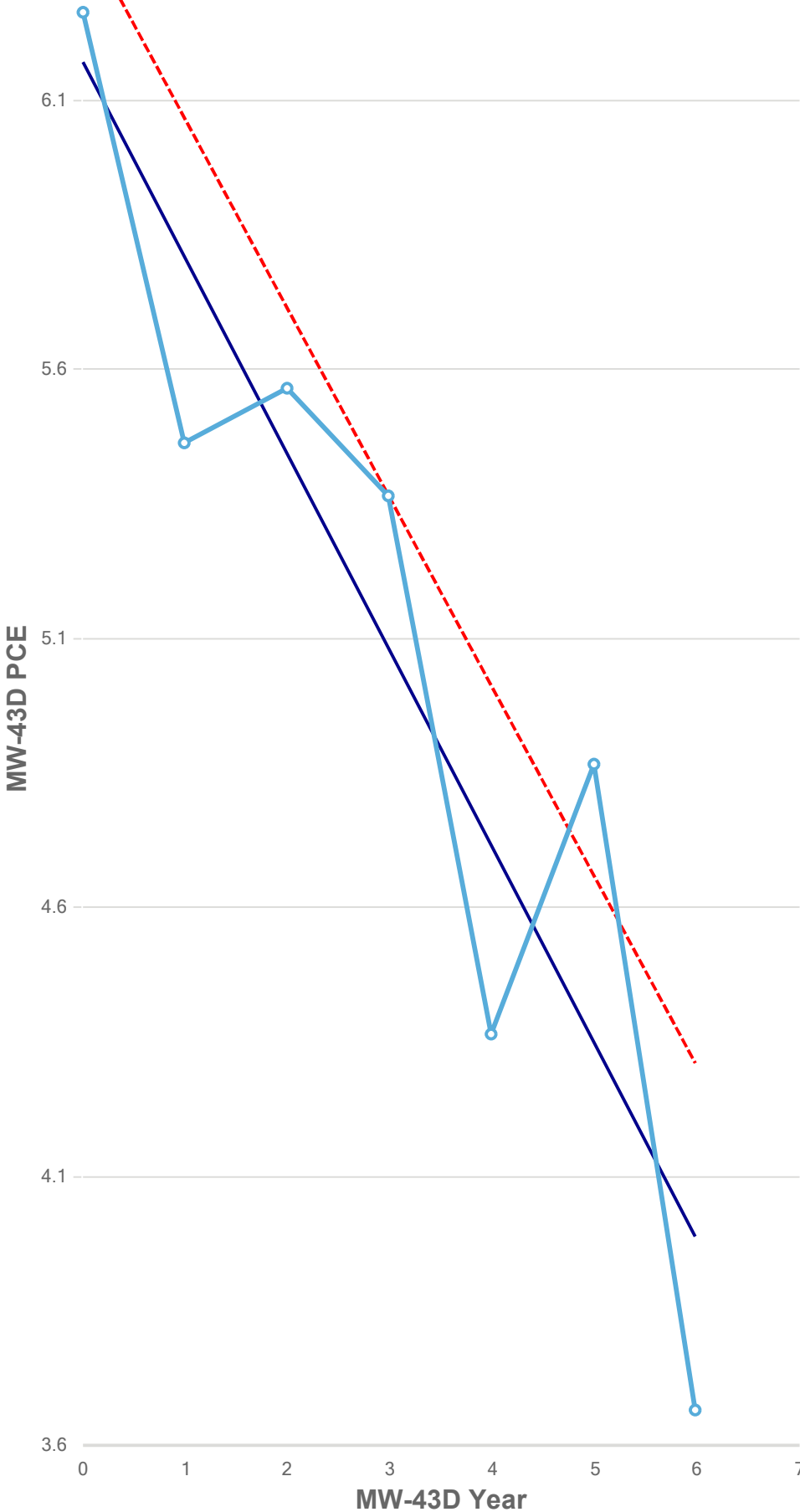
Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.6583
Standardized Value of S	-2.4030
M-K Test Value (S)	-17
Tabulated p-value	0.0050
Approximate p-value	0.0081
OLS Regression Line (Blue)	
OLS Regression Slope	-0.3652
OLS Regression Intercept	6.2063
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.3519
Theil-Sen Intercept	6.4519
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



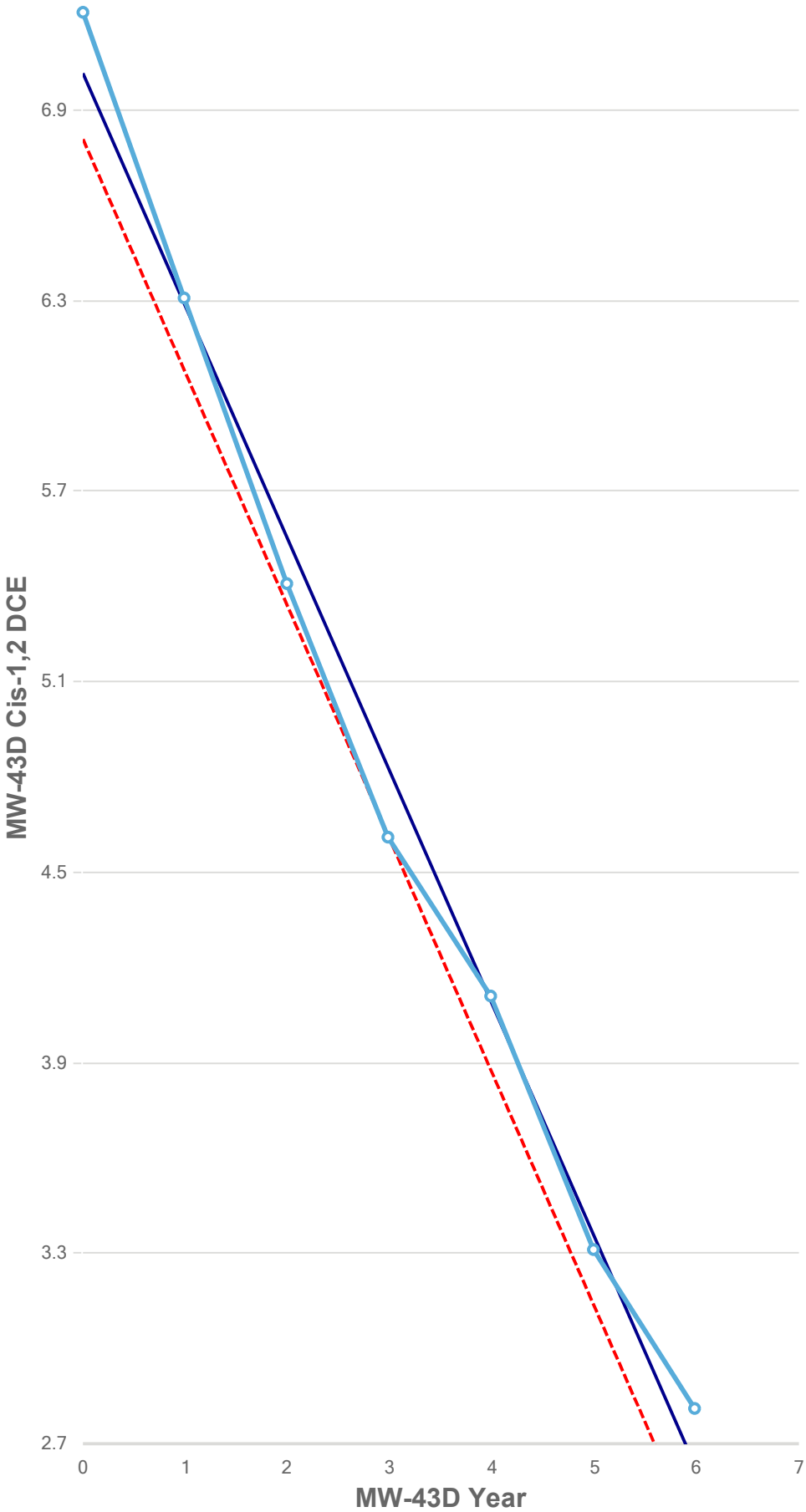
Mann-Kendall Trend Analysis		
n		7
Confidence Coefficient		0.9000
Level of Significance		0.1000
Standard Deviation of S		6.6583
Standardized Value of S		-2.4030
M-K Test Value (S)		-17
Tabulated p-value		0.0050
Approximate p-value		0.0081

OLS Regression Line (Blue)		
OLS Regression Slope		-0.3652
OLS Regression Intercept		6.2063

Theil-Sen Trend Line (Red)		
Theil-Sen Slope		-0.3519
Theil-Sen Intercept		6.4519

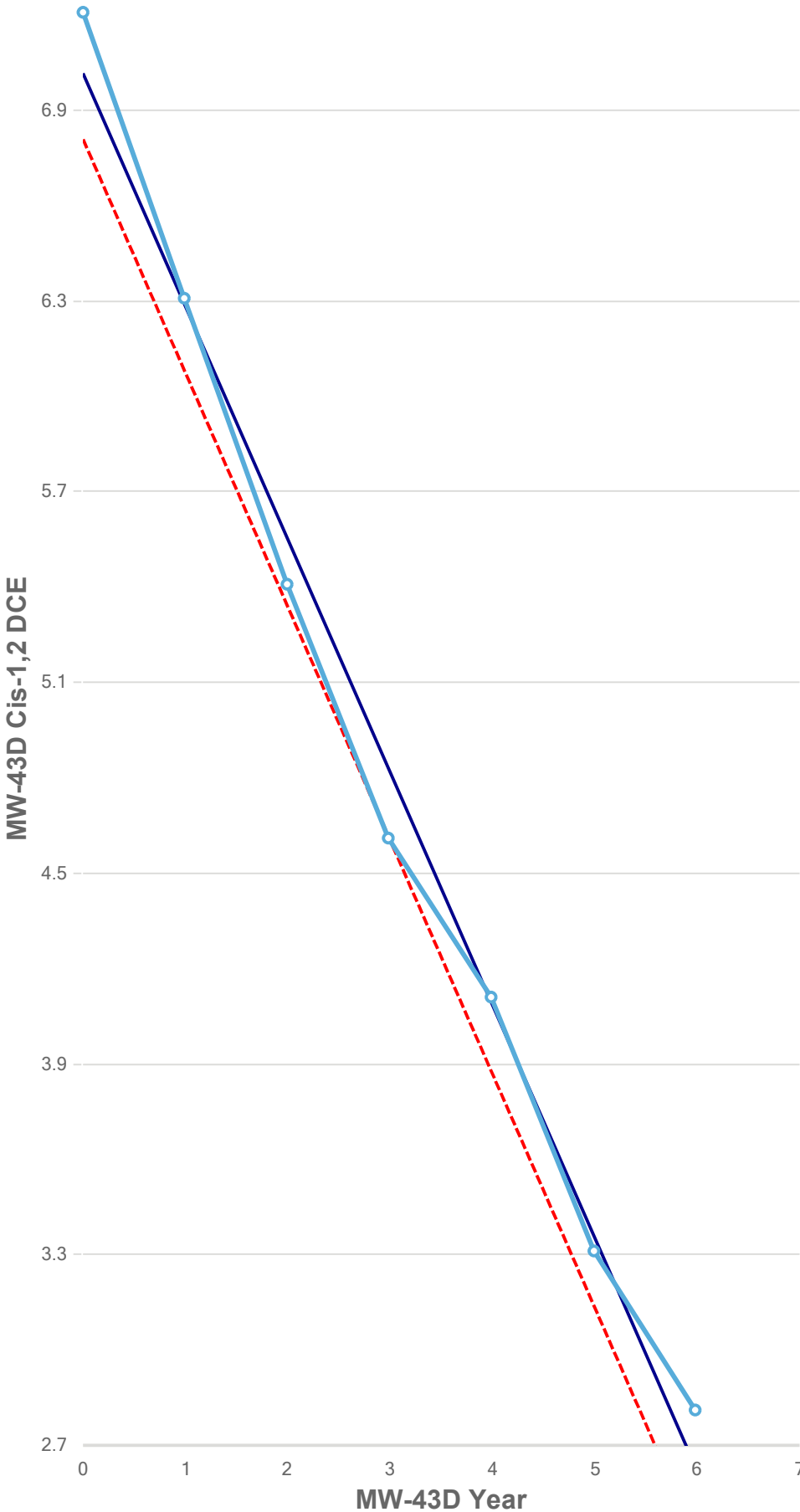
Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.6583
Standardized Value of S	-3.0038
M-K Test Value (S)	-21
Tabulated p-value	0.0000
Approximate p-value	0.0013
OLS Regression Line (Blue)	
OLS Regression Slope	-0.7341
OLS Regression Intercept	7.0090
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.7357
Theil-Sen Intercept	6.7990
Statistically significant evidence of a decreasing trend at the specified level of significance.	

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.6583
Standardized Value of S	-3.0038
M-K Test Value (S)	-21
Tabulated p-value	0.0000
Approximate p-value	0.0013

OLS Regression Line (Blue)	
OLS Regression Slope	-0.7341
OLS Regression Intercept	7.0090

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.7357
Theil-Sen Intercept	6.7990

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

Mann-Kendall Trend Test

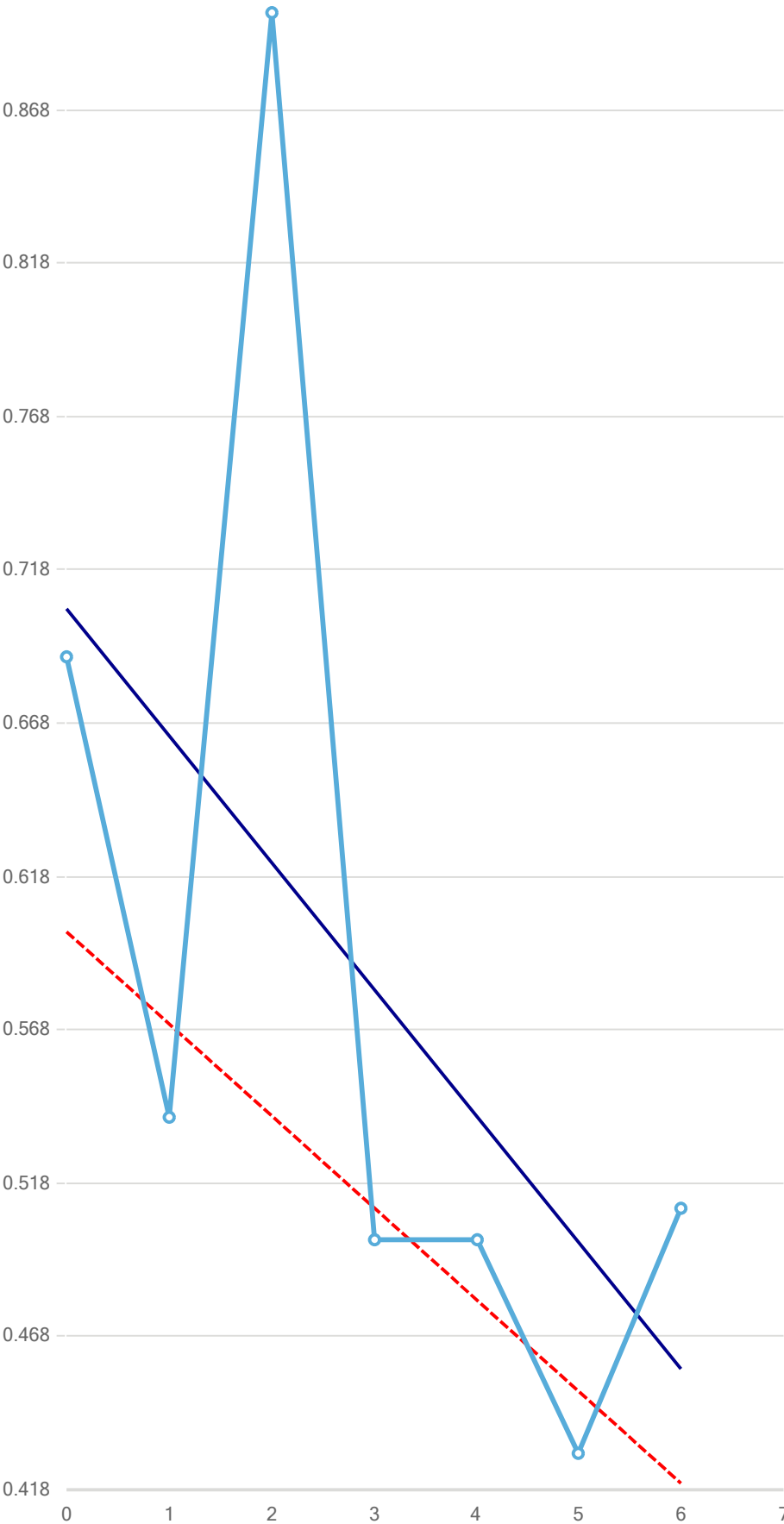
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.5828
Standardized Value of S	-1.3672
M-K Test Value (S)	-10
Tabulated p-value	0.0680
Approximate p-value	0.0858

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0414
OLS Regression Intercept	0.7056

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0300
Theil-Sen Intercept	0.6002

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

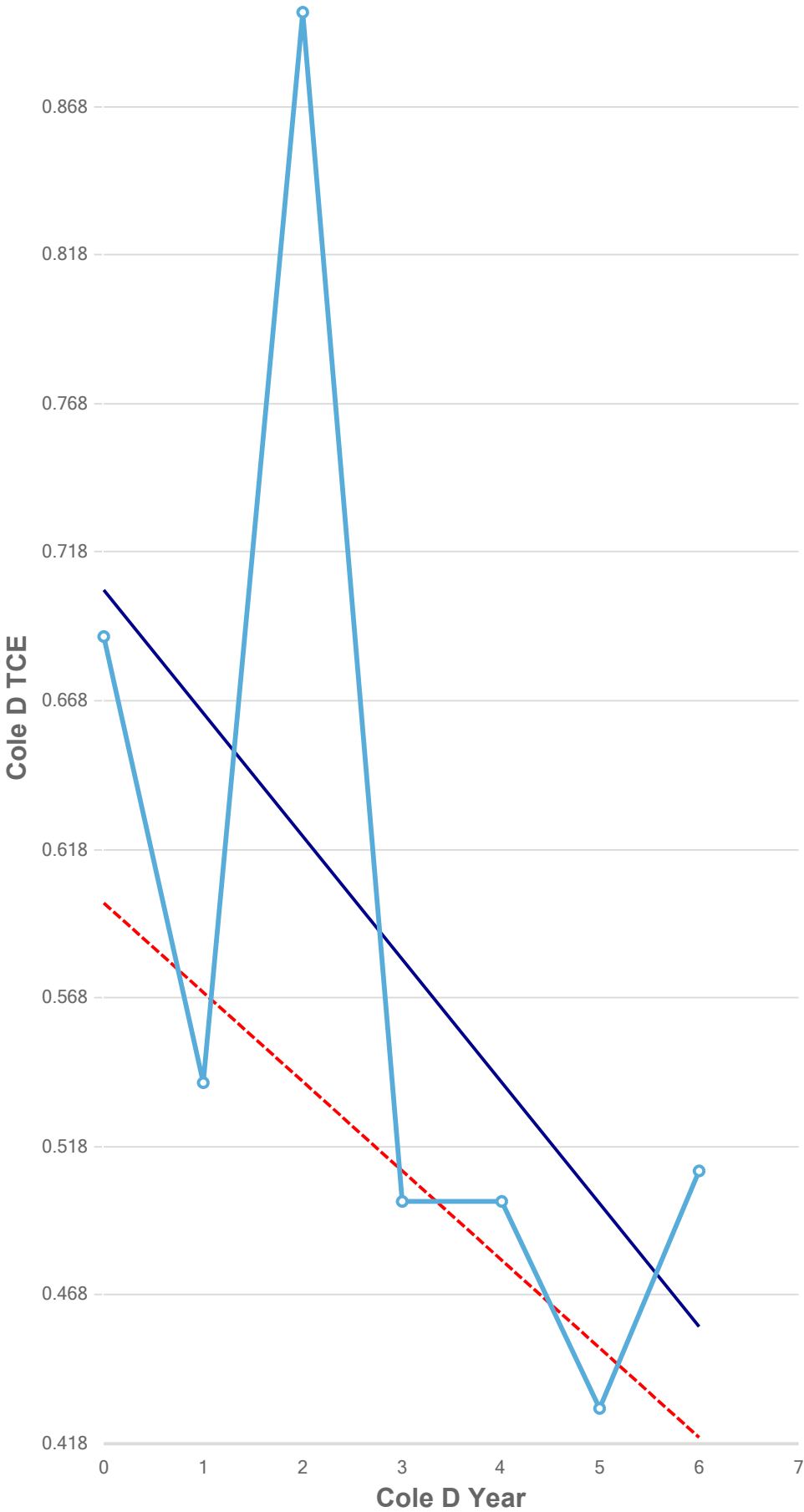
Cole D TCE



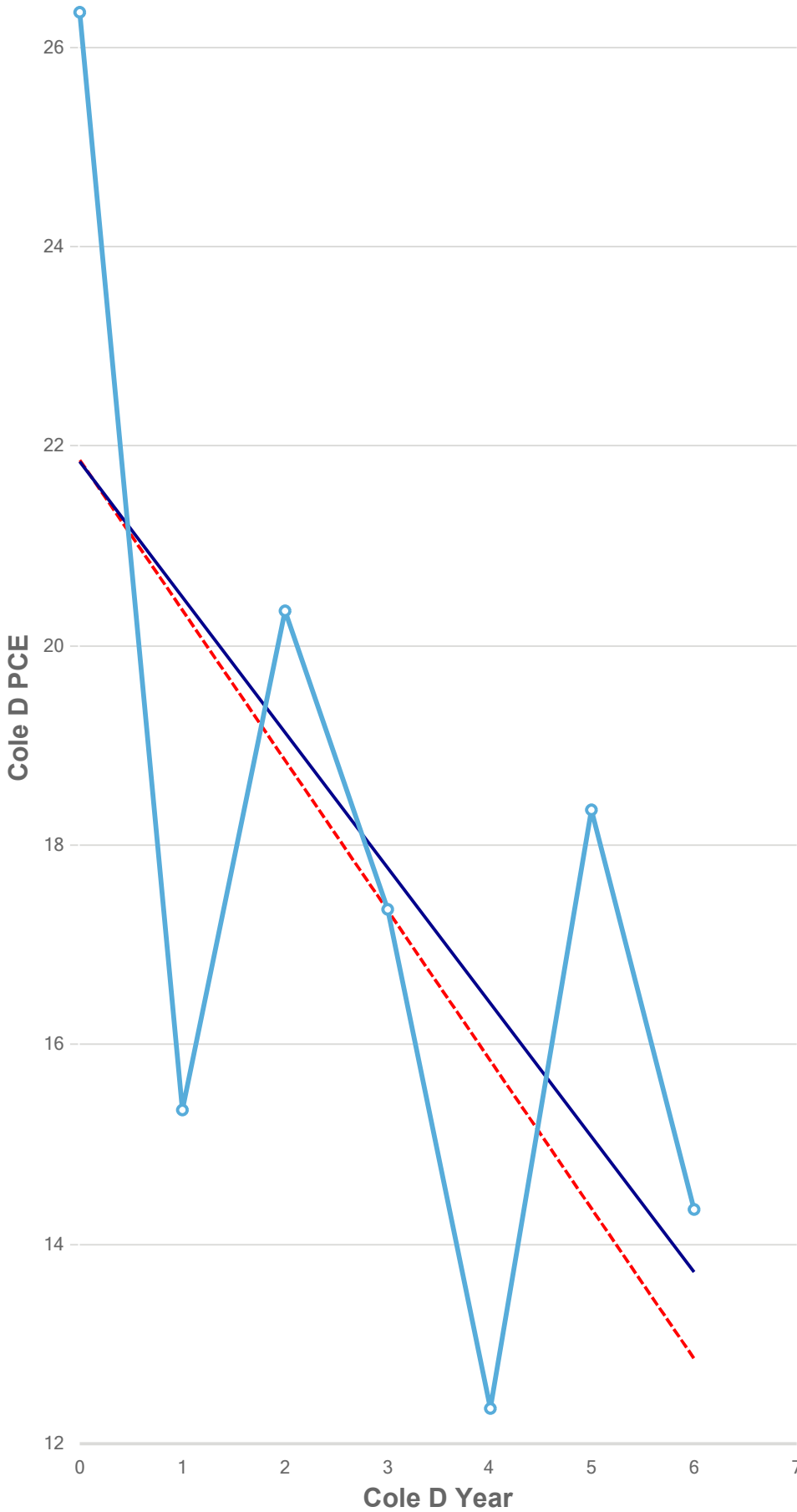
Cole D Year

Mann-Kendall Trend Test

Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.5828
Standardized Value of S	-1.3672
M-K Test Value (S)	-10
Tabulated p-value	0.0680
Approximate p-value	0.0858
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0414
OLS Regression Intercept	0.7056
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0300
Theil-Sen Intercept	0.6002
Statistically significant evidence of a decreasing trend at the specified level of significance.	



Mann-Kendall Trend Test



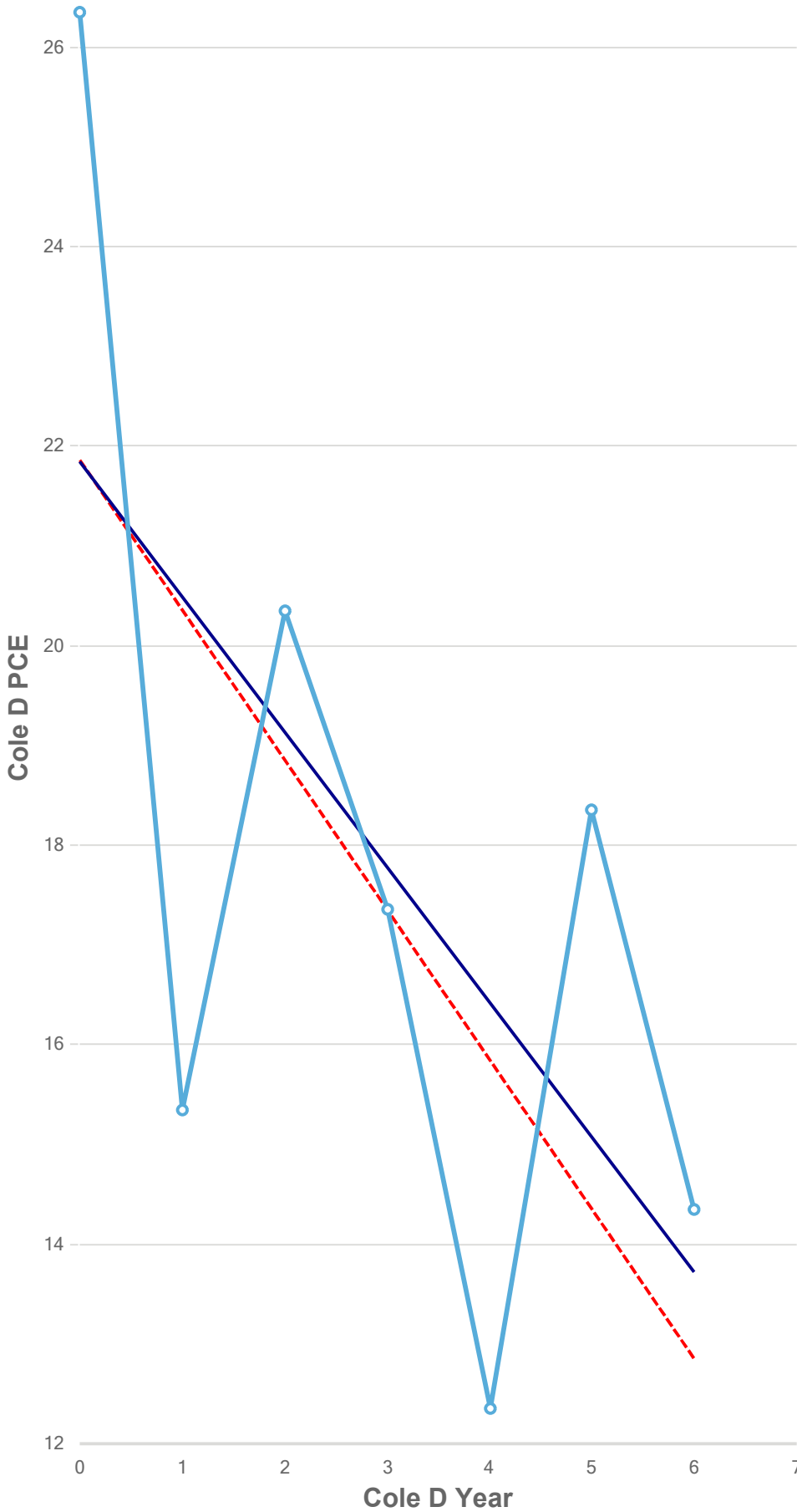
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.6583
Standardized Value of S	-1.2015
M-K Test Value (S)	-9
Tabulated p-value	0.1190
Approximate p-value	0.1148

OLS Regression Line (Blue)	
OLS Regression Slope	-1.3557
OLS Regression Intercept	21.4982

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.5021
Theil-Sen Intercept	21.5144

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

Mann-Kendall Trend Test



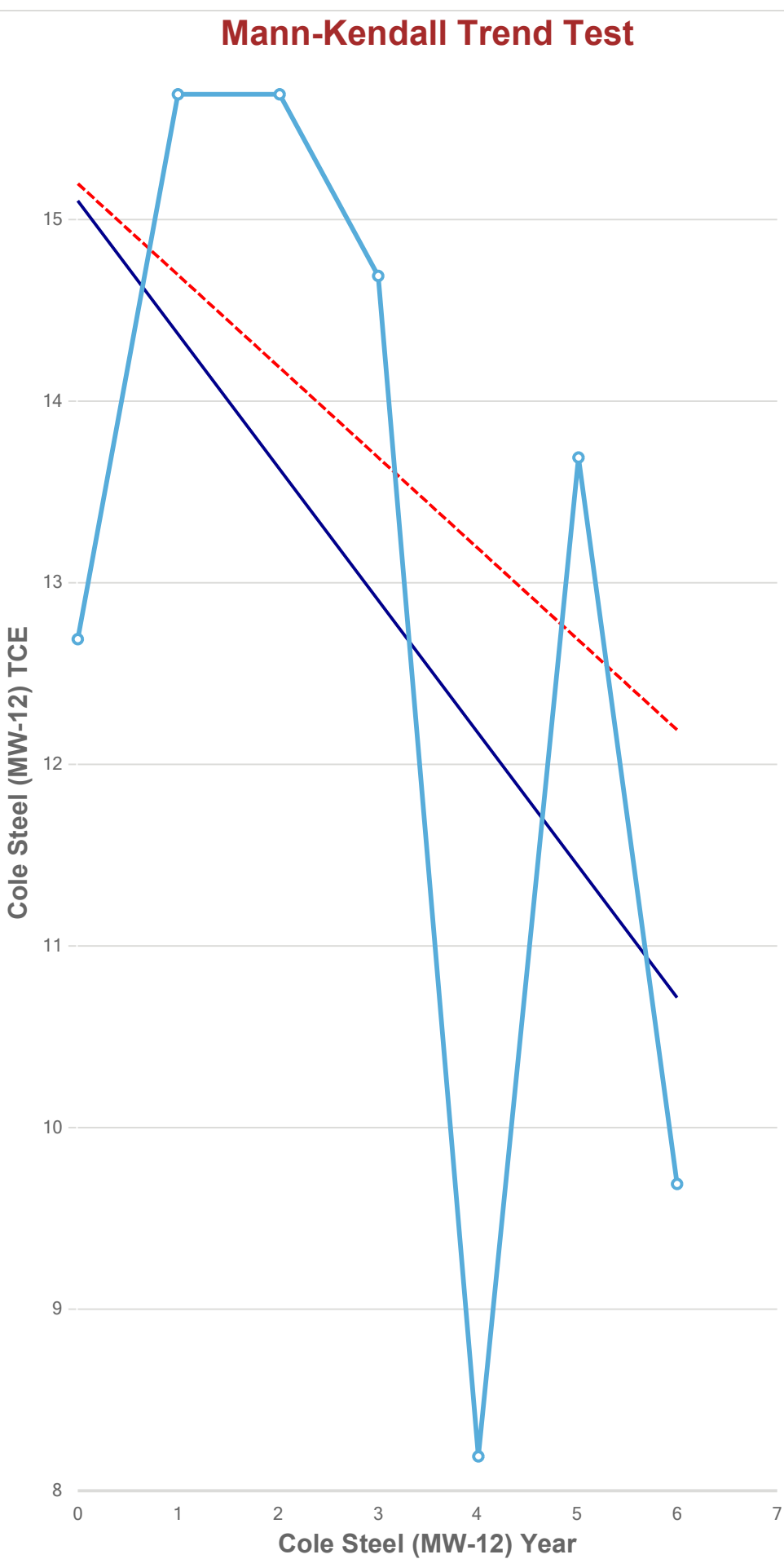
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.6583
Standardized Value of S	-1.2015
M-K Test Value (S)	-9
Tabulated p-value	0.1190
Approximate p-value	0.1148

OLS Regression Line (Blue)	
OLS Regression Slope	-1.3557
OLS Regression Intercept	21.4982

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.5021
Theil-Sen Intercept	21.5144

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

Mann-Kendall Trend Test



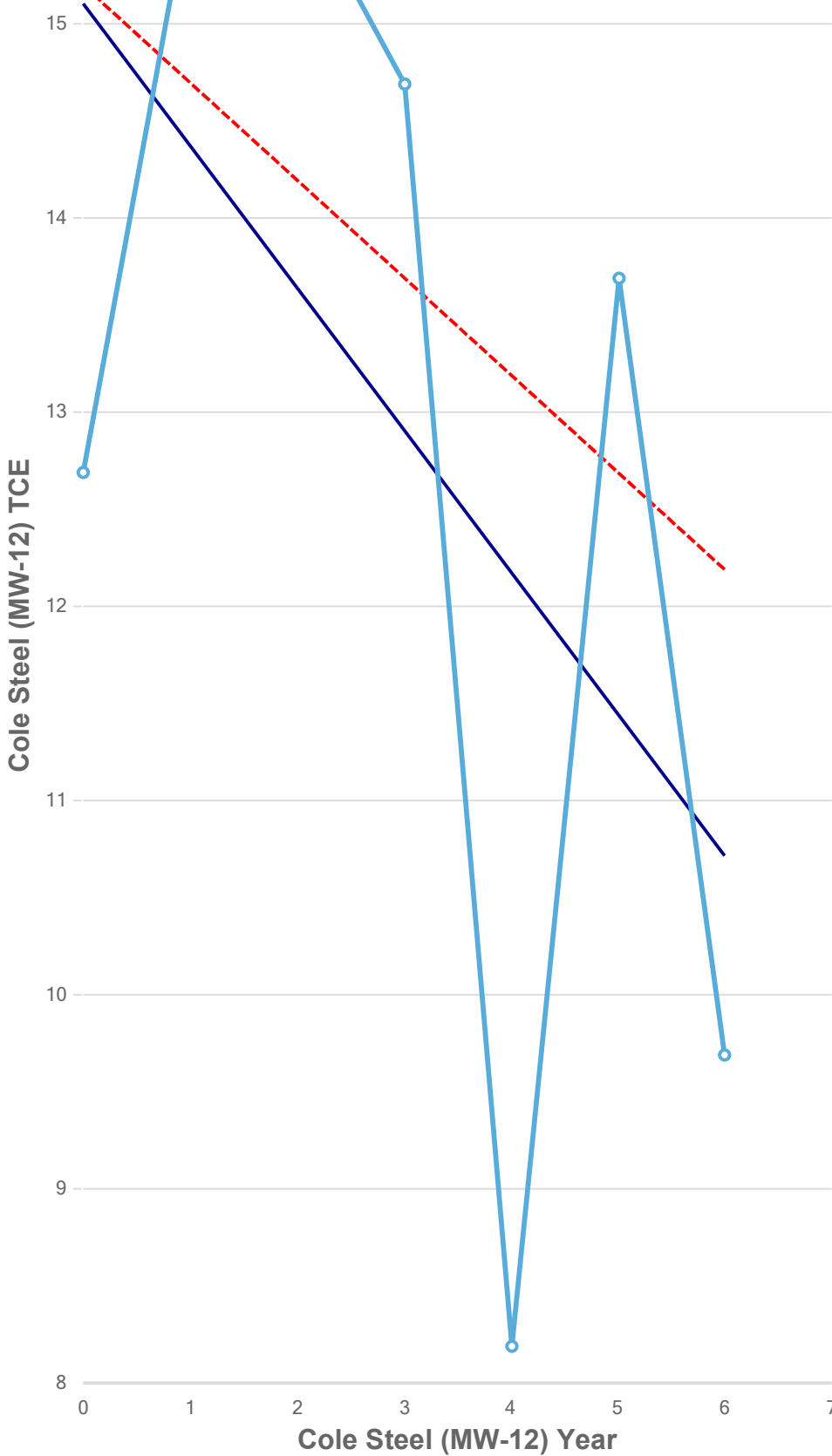
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.5828
Standardized Value of S	-1.0634
M-K Test Value (S)	-8
Tabulated p-value	0.1190
Approximate p-value	0.1438

OLS Regression Line (Blue)	
OLS Regression Slope	-0.7309
OLS Regression Intercept	15.4106

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.5014
Theil-Sen Intercept	15.5096

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

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.5828
Standardized Value of S	-1.0634
M-K Test Value (S)	-8
Tabulated p-value	0.1190
Approximate p-value	0.1438

OLS Regression Line (Blue)	
OLS Regression Slope	-0.7309
OLS Regression Intercept	15.4106

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.5014
Theil-Sen Intercept	15.5096

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

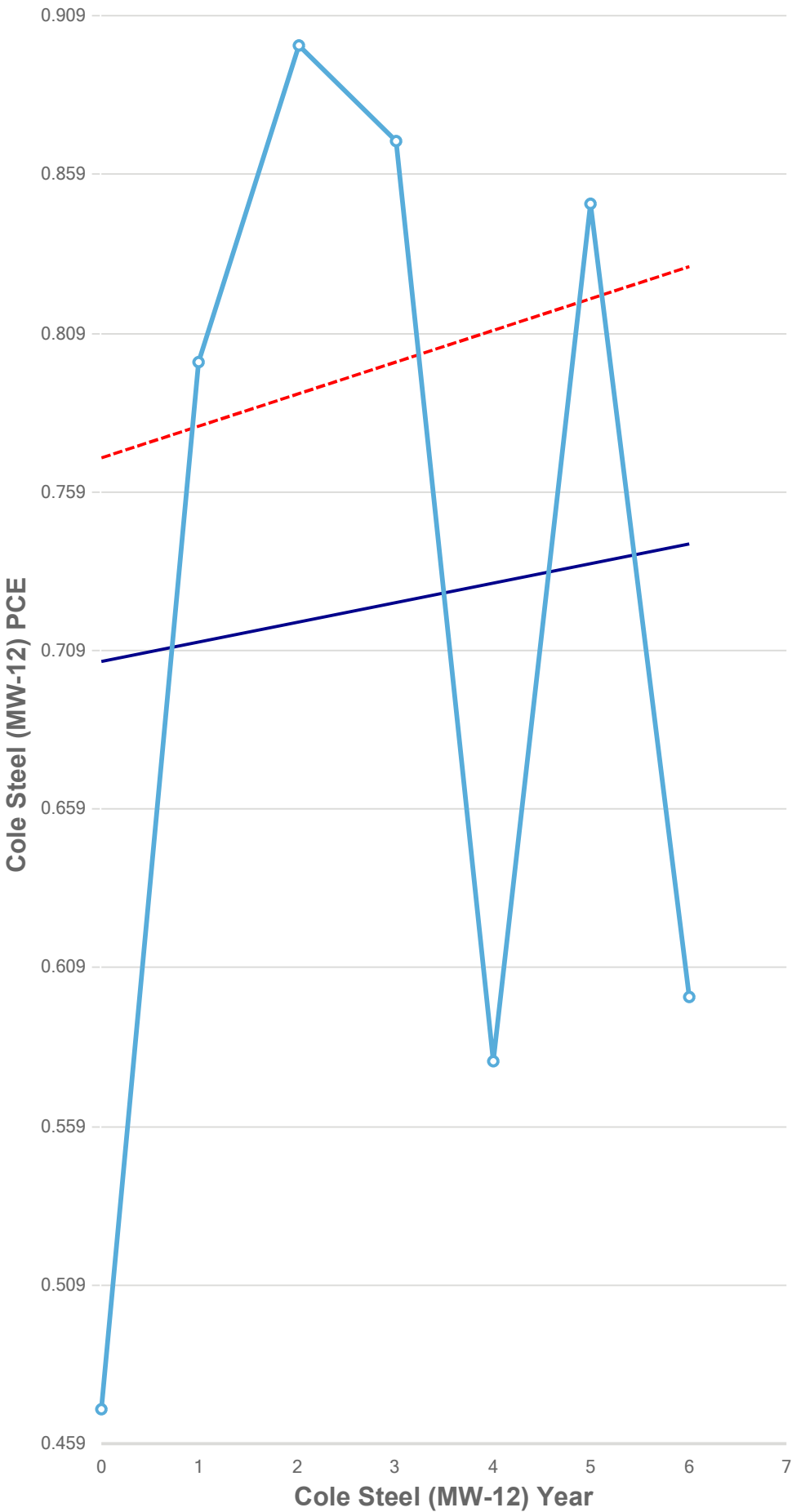
Mann-Kendall Trend Test

Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.6583
Standardized Value of S	0.0000
M-K Test Value (S)	1
Tabulated p-value	0.5000
Approximate p-value	0.5000

OLS Regression Line (Blue)	
OLS Regression Slope	0.0062
OLS Regression Intercept	0.7058

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0100
Theil-Sen Intercept	0.7698

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



Mann-Kendall Trend Test

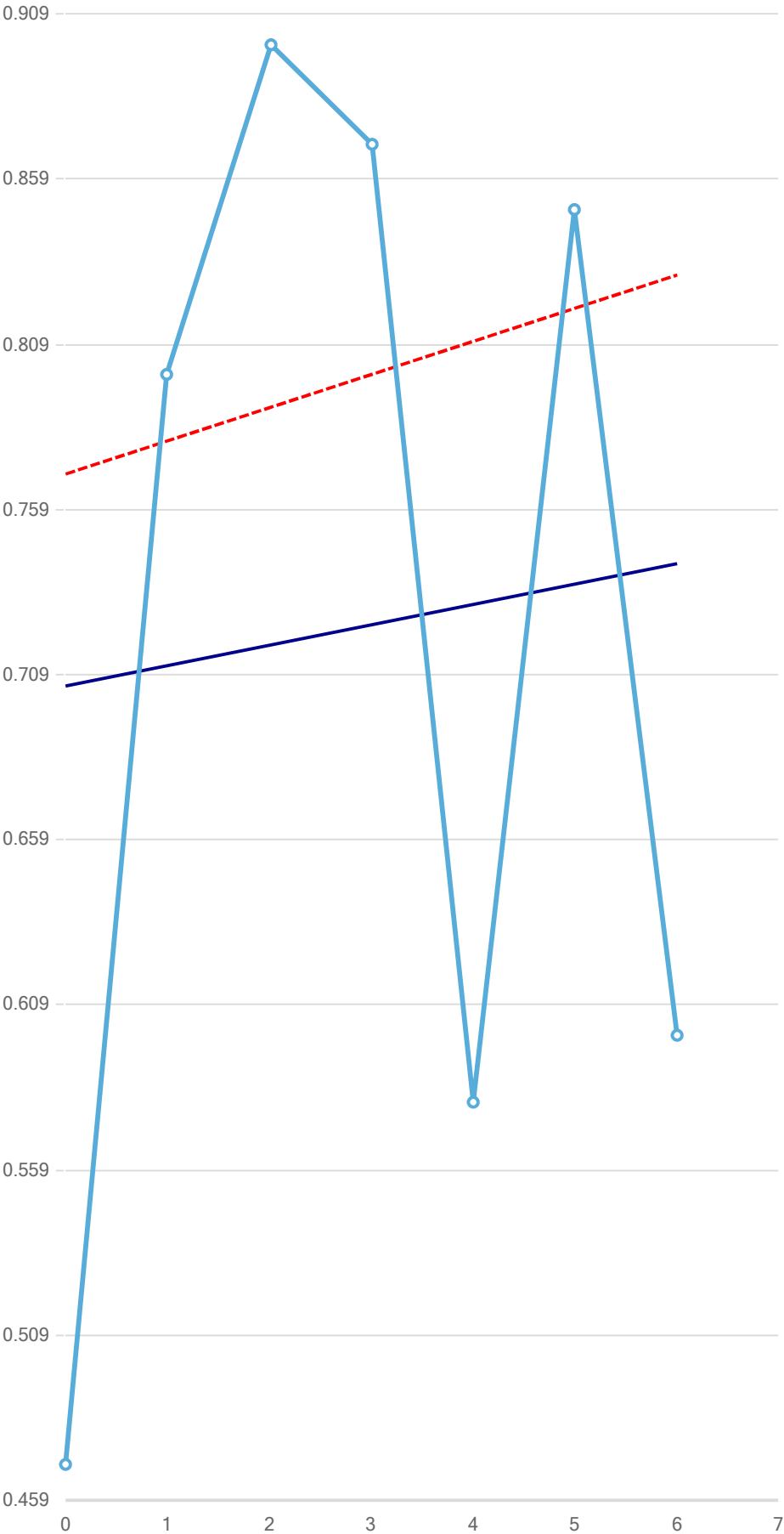
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.6583
Standardized Value of S	0.0000
M-K Test Value (S)	1
Tabulated p-value	0.5000
Approximate p-value	0.5000

OLS Regression Line (Blue)	
OLS Regression Slope	0.0062
OLS Regression Intercept	0.7058

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0100
Theil-Sen Intercept	0.7698

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

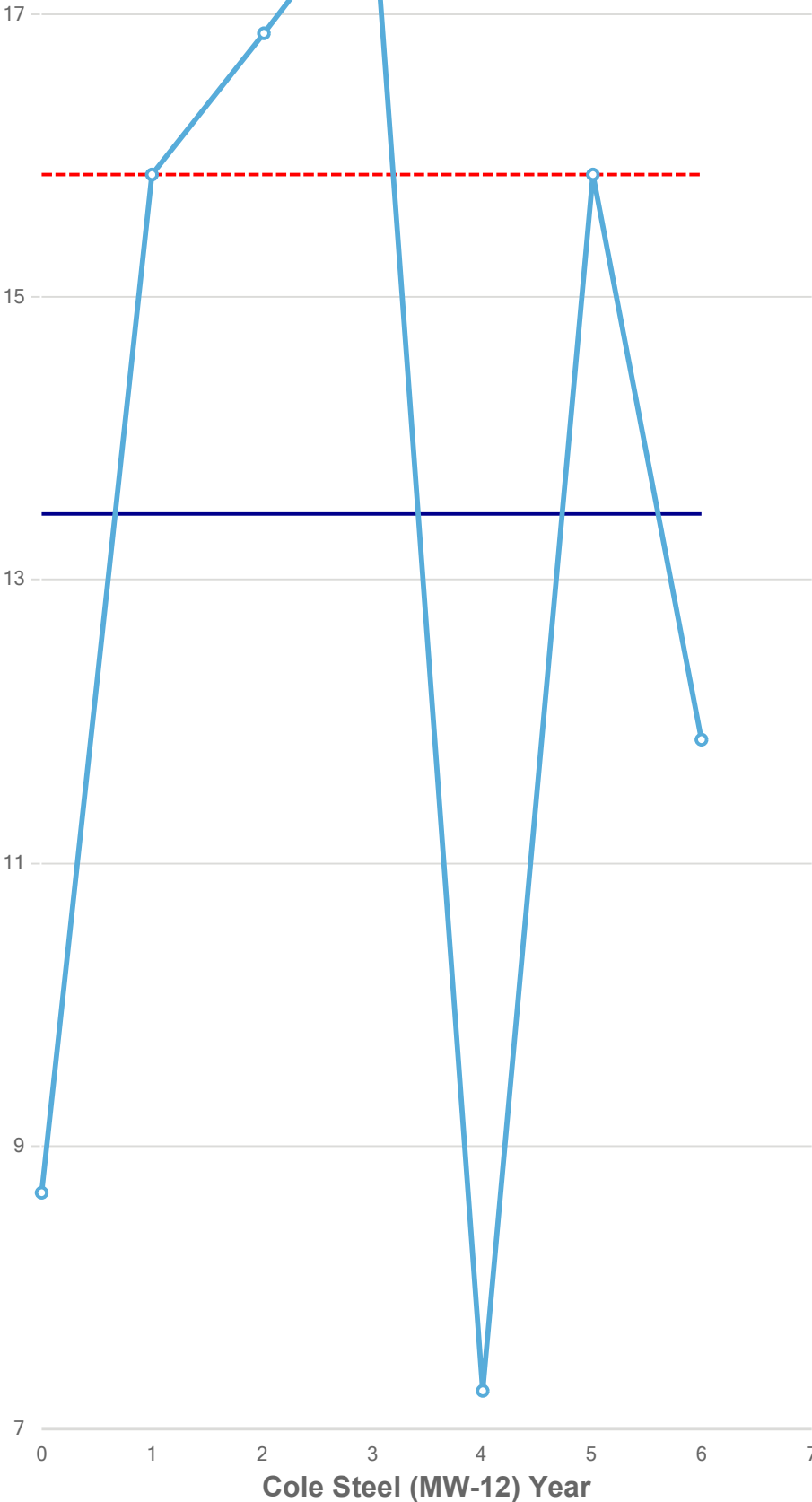
Cole Steel (MW-12) PCE



Cole Steel (MW-12) Year

Mann-Kendall Trend Test

Cole Steel (MW-12) Cis-1,2 DCE



Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.5828
Standardized Value of S	
M-K Test Value (S)	0
Tabulated p-value	0.5000
Approximate p-value	

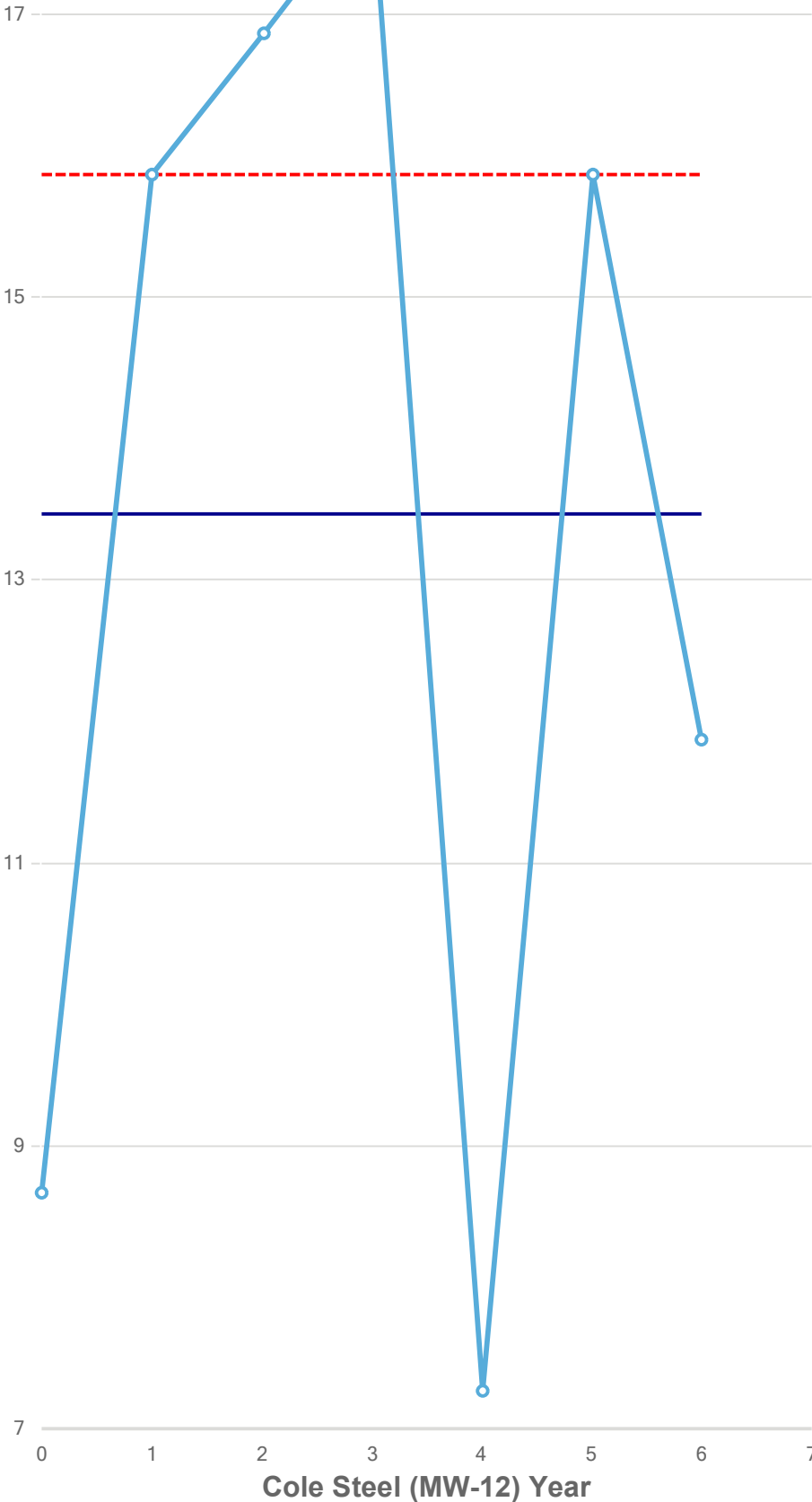
OLS Regression Line (Blue)	
OLS Regression Slope	0.0014
OLS Regression Intercept	13.5958

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0000
Theil-Sen Intercept	16.0000

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

Mann-Kendall Trend Test

Cole Steel (MW-12) Cis-1,2 DCE



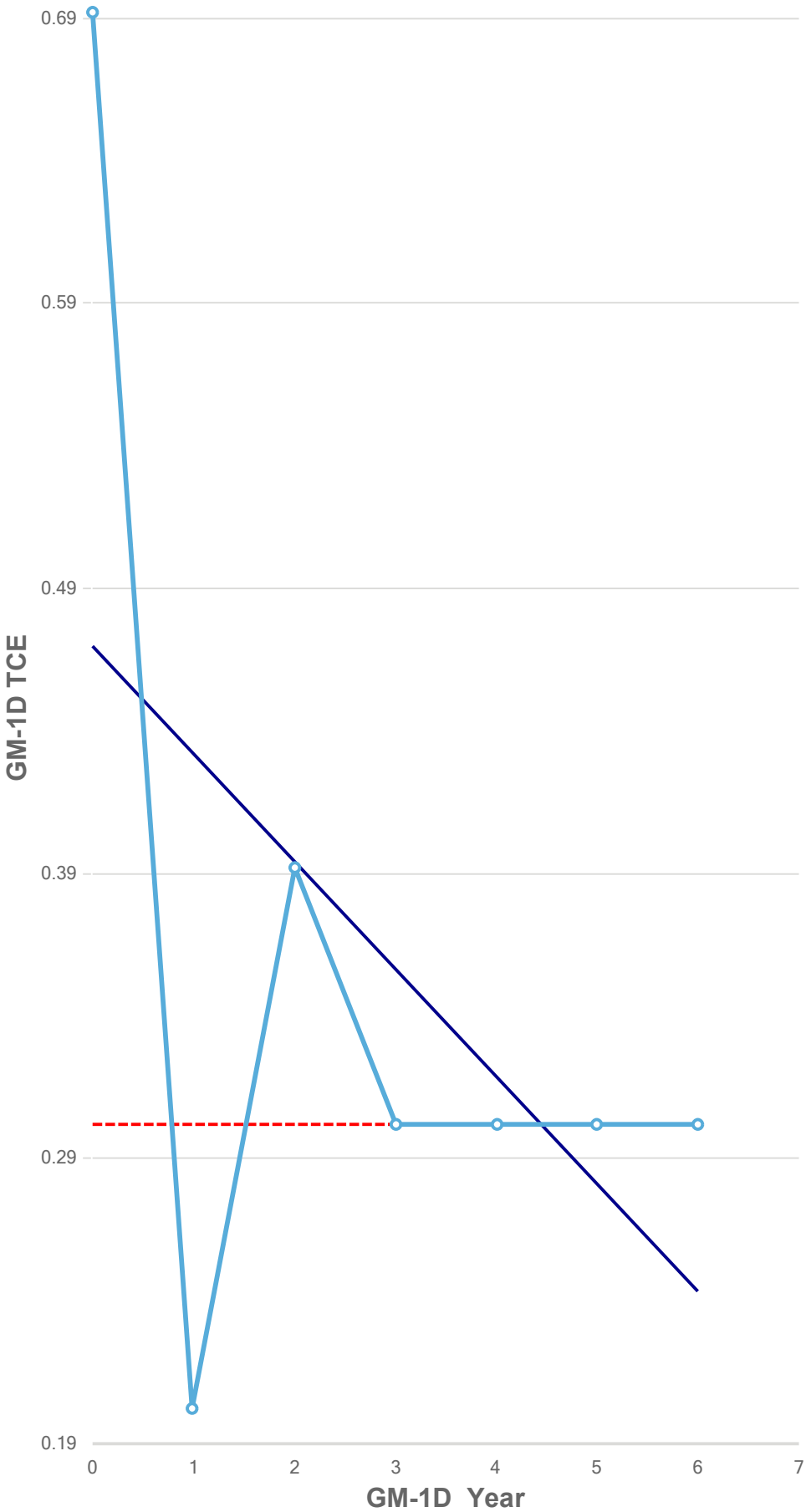
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.5828
Standardized Value of S	
M-K Test Value (S)	0
Tabulated p-value	0.5000
Approximate p-value	

OLS Regression Line (Blue)	
OLS Regression Slope	0.0014
OLS Regression Intercept	13.5958

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	0.0000
Theil-Sen Intercept	16.0000

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

Mann-Kendall Trend Test



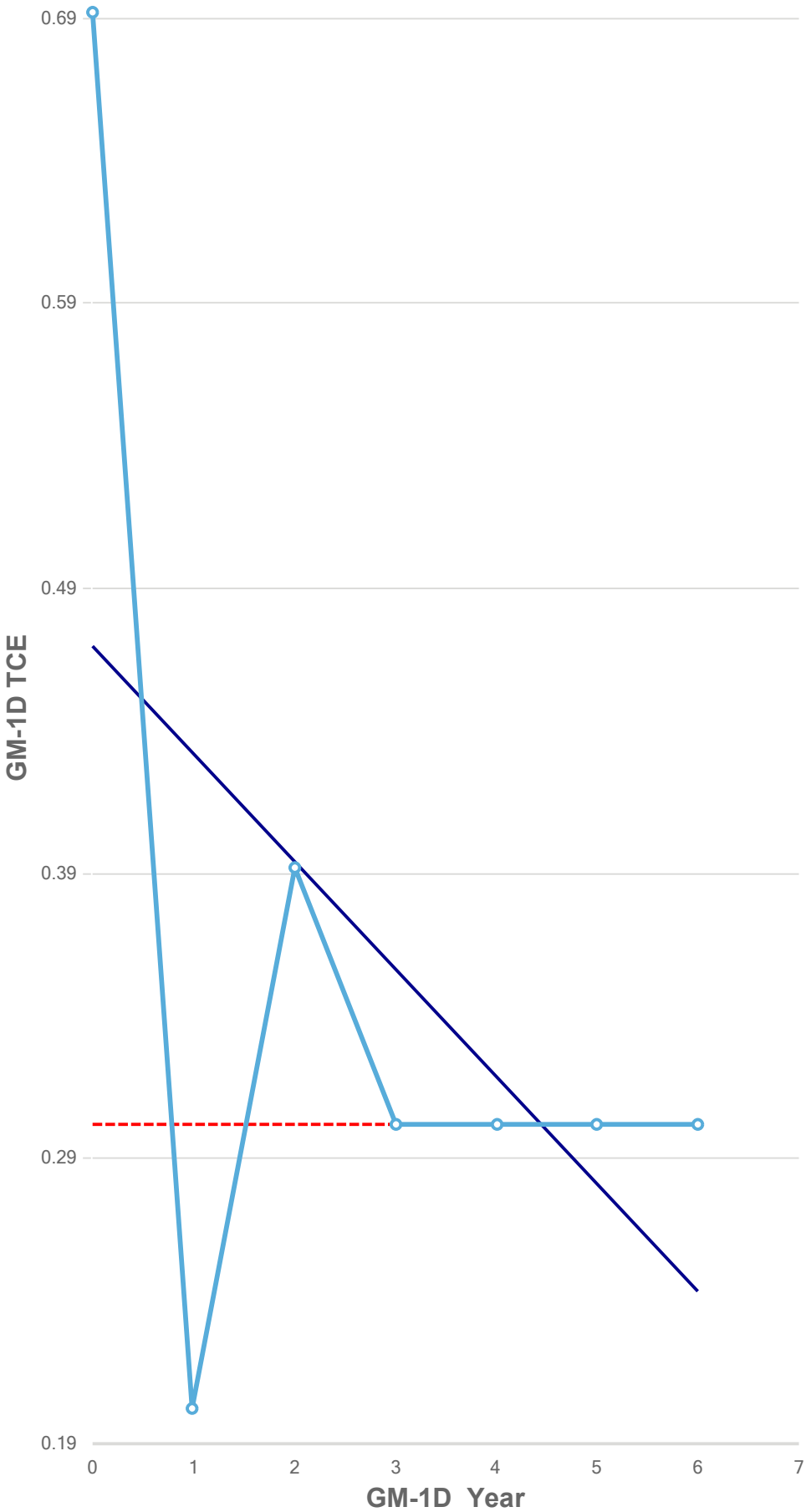
Mann-Kendall Trend Analysis		
n		7
Confidence Coefficient		0.8000
Level of Significance		0.2000
Standard Deviation of S		5.9722
Standardized Value of S		-0.6698
M-K Test Value (S)		-5
Tabulated p-value		0.2810
Approximate p-value		0.2515

OLS Regression Line (Blue)		
OLS Regression Slope		-0.0378
OLS Regression Intercept		0.4677

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	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	5.9722
Standardized Value of S	-0.6698
M-K Test Value (S)	-5
Tabulated p-value	0.2810
Approximate p-value	0.2515

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0378
OLS Regression Intercept	0.4677

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.

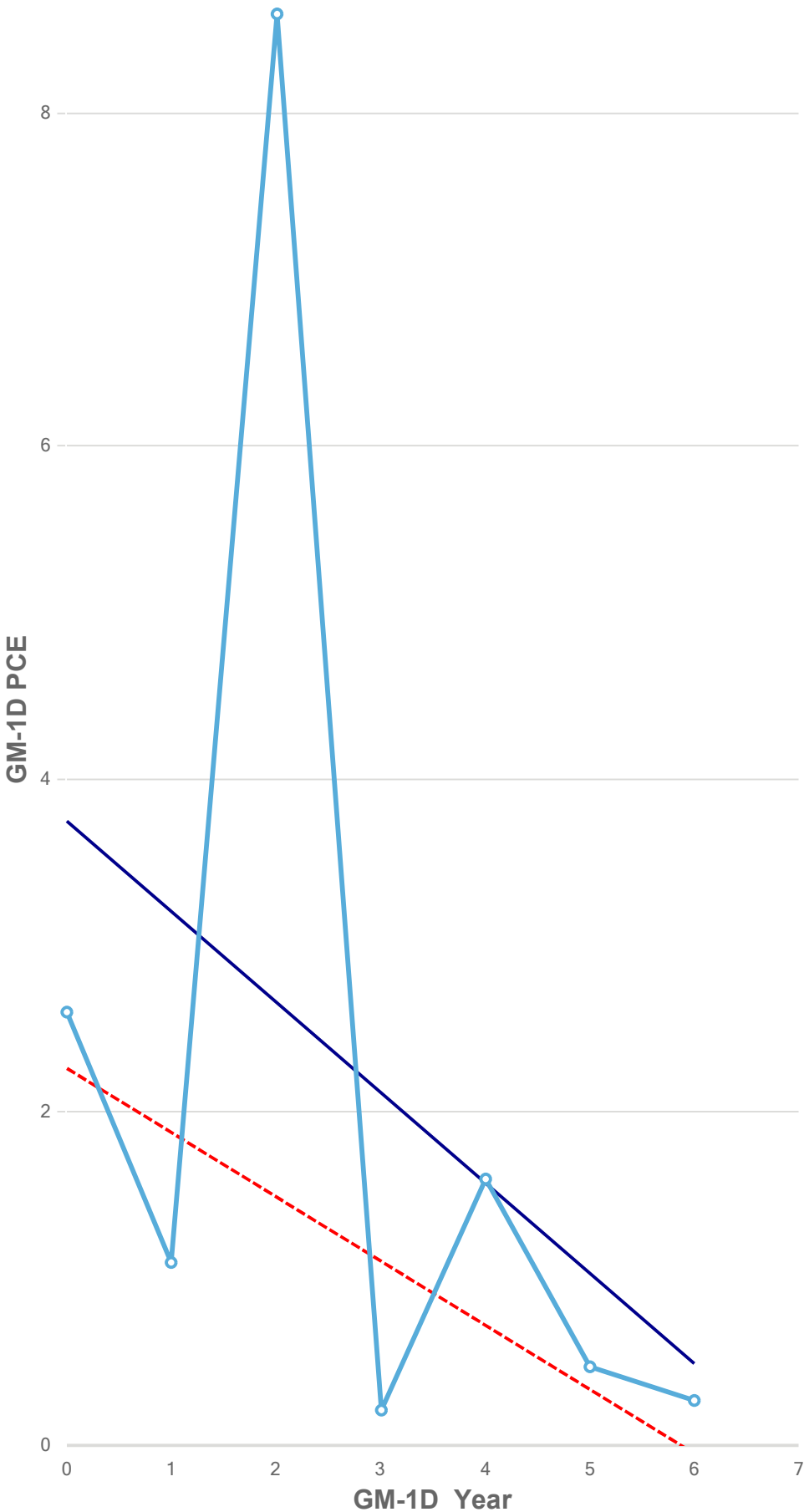
Mann-Kendall Trend Test

Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.6583
Standardized Value of S	-1.2015
M-K Test Value (S)	-9
Tabulated p-value	0.1190
Approximate p-value	0.1148

OLS Regression Line (Blue)	
OLS Regression Slope	-0.5432
OLS Regression Intercept	3.9524

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.3883
Theil-Sen Intercept	2.4693

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



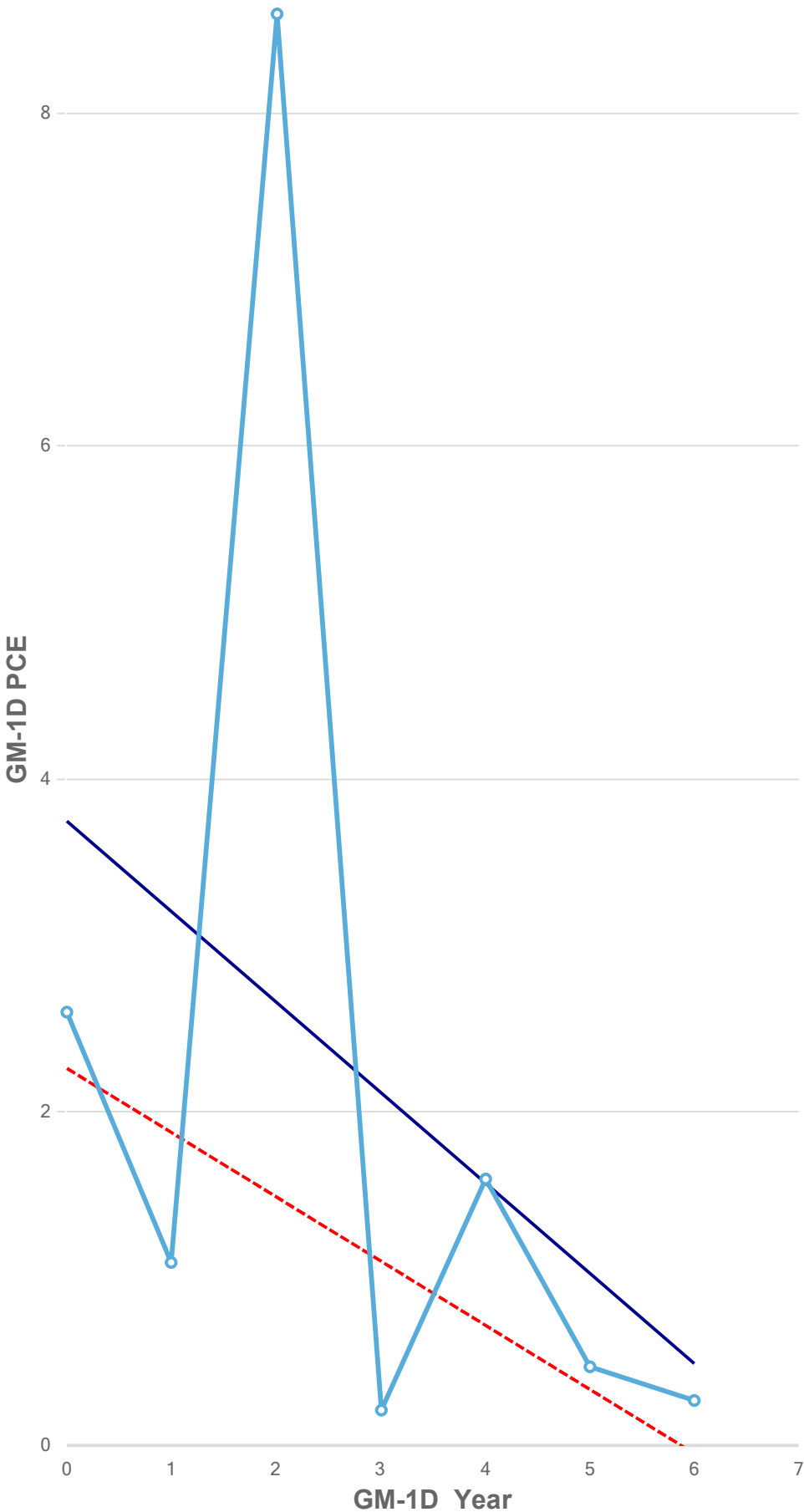
Mann-Kendall Trend Test

Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.6583
Standardized Value of S	-1.2015
M-K Test Value (S)	-9
Tabulated p-value	0.1190
Approximate p-value	0.1148

OLS Regression Line (Blue)	
OLS Regression Slope	-0.5432
OLS Regression Intercept	3.9524

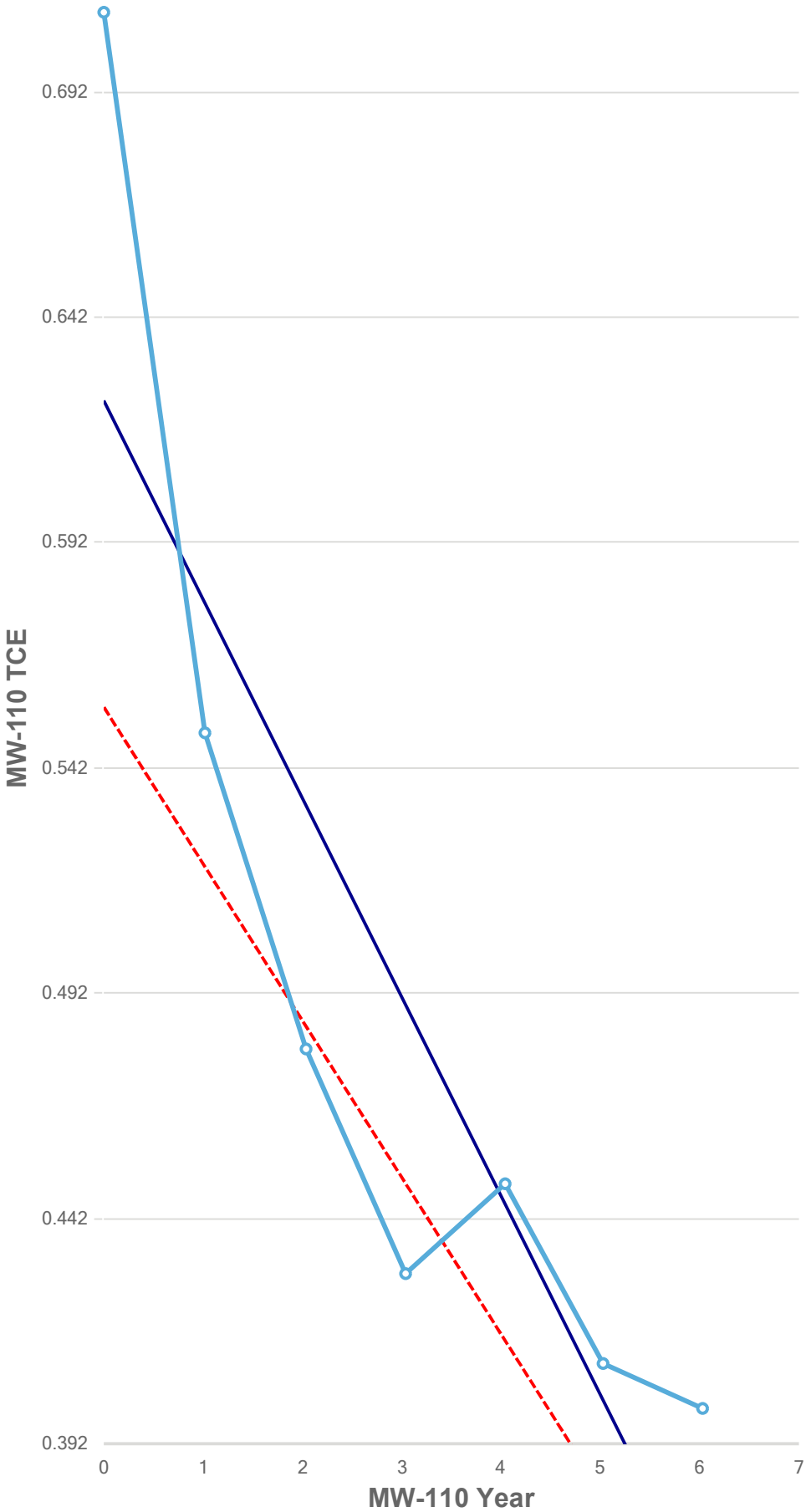
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.3883
Theil-Sen Intercept	2.4693

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



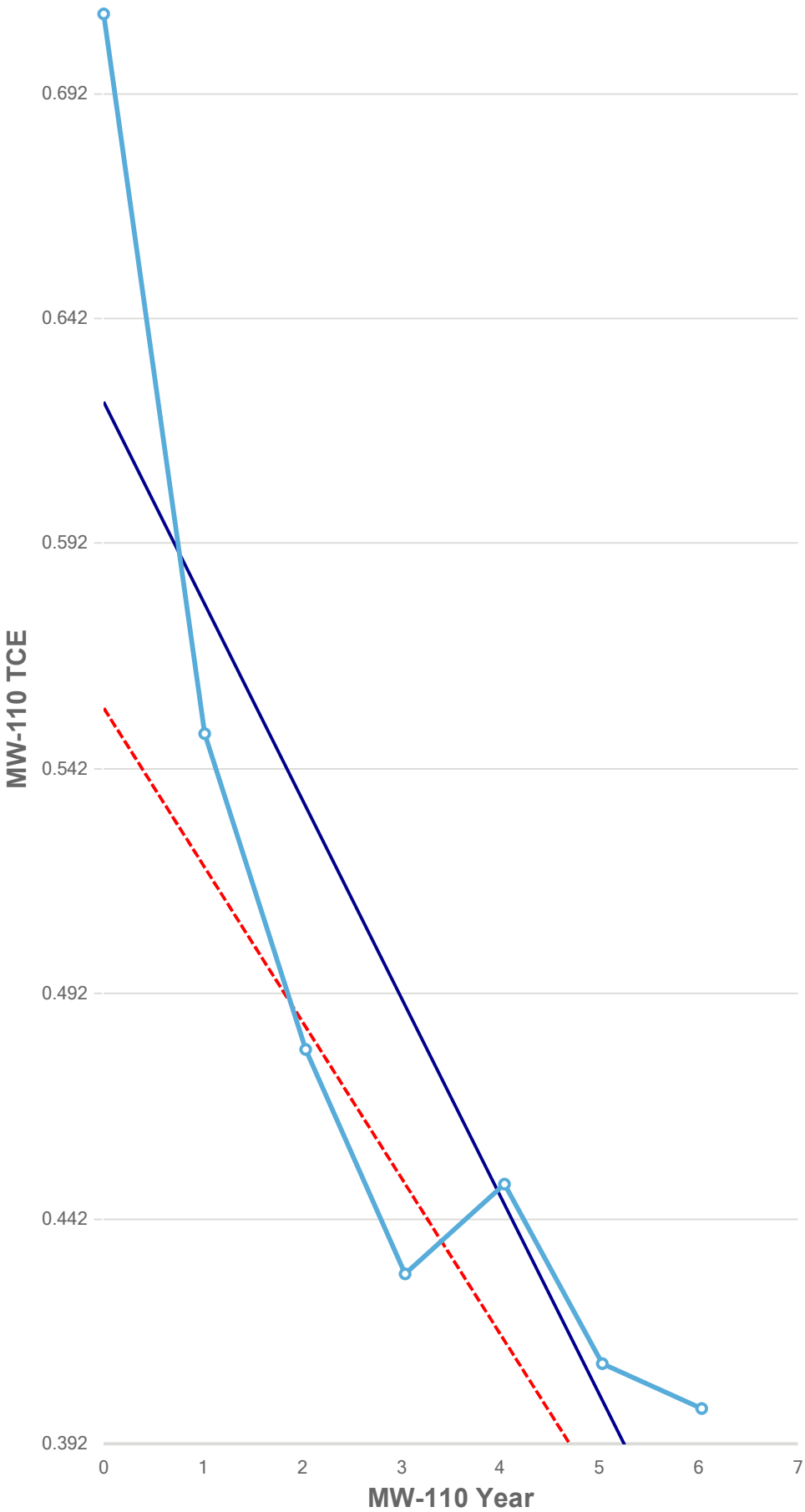
Mann-Kendall Trend Test

Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.6583
Standardized Value of S	-2.7034
M-K Test Value (S)	-19
Tabulated p-value	0.0010
Approximate p-value	0.0034
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0442
OLS Regression Intercept	0.6238
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0349
Theil-Sen Intercept	0.5559
Statistically significant evidence of a decreasing trend at the specified level of significance.	

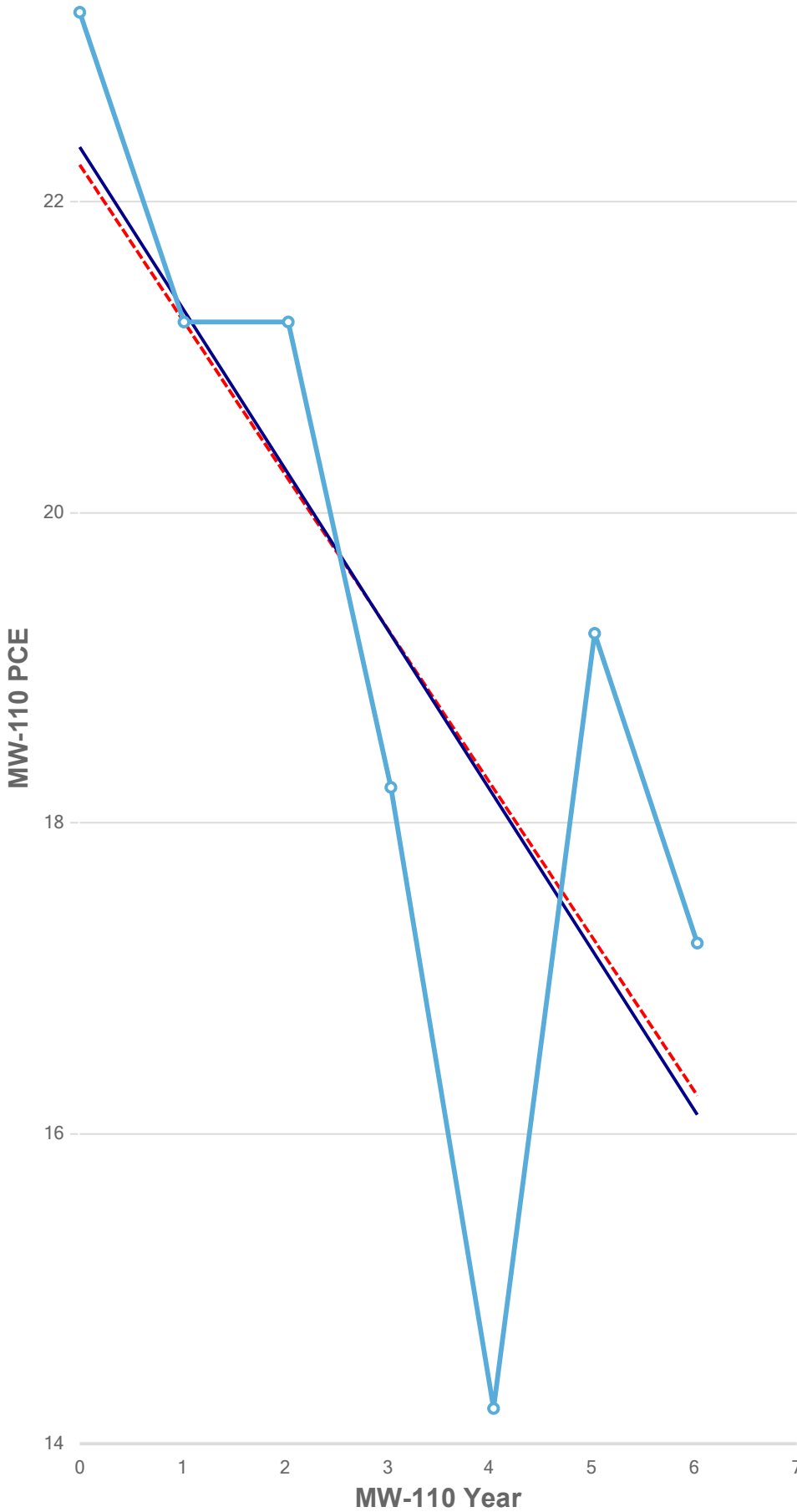


Mann-Kendall Trend Test

Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.6583
Standardized Value of S	-2.7034
M-K Test Value (S)	-19
Tabulated p-value	0.0010
Approximate p-value	0.0034
OLS Regression Line (Blue)	
OLS Regression Slope	-0.0442
OLS Regression Intercept	0.6238
Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0349
Theil-Sen Intercept	0.5559
Statistically significant evidence of a decreasing trend at the specified level of significance.	



Mann-Kendall Trend Test



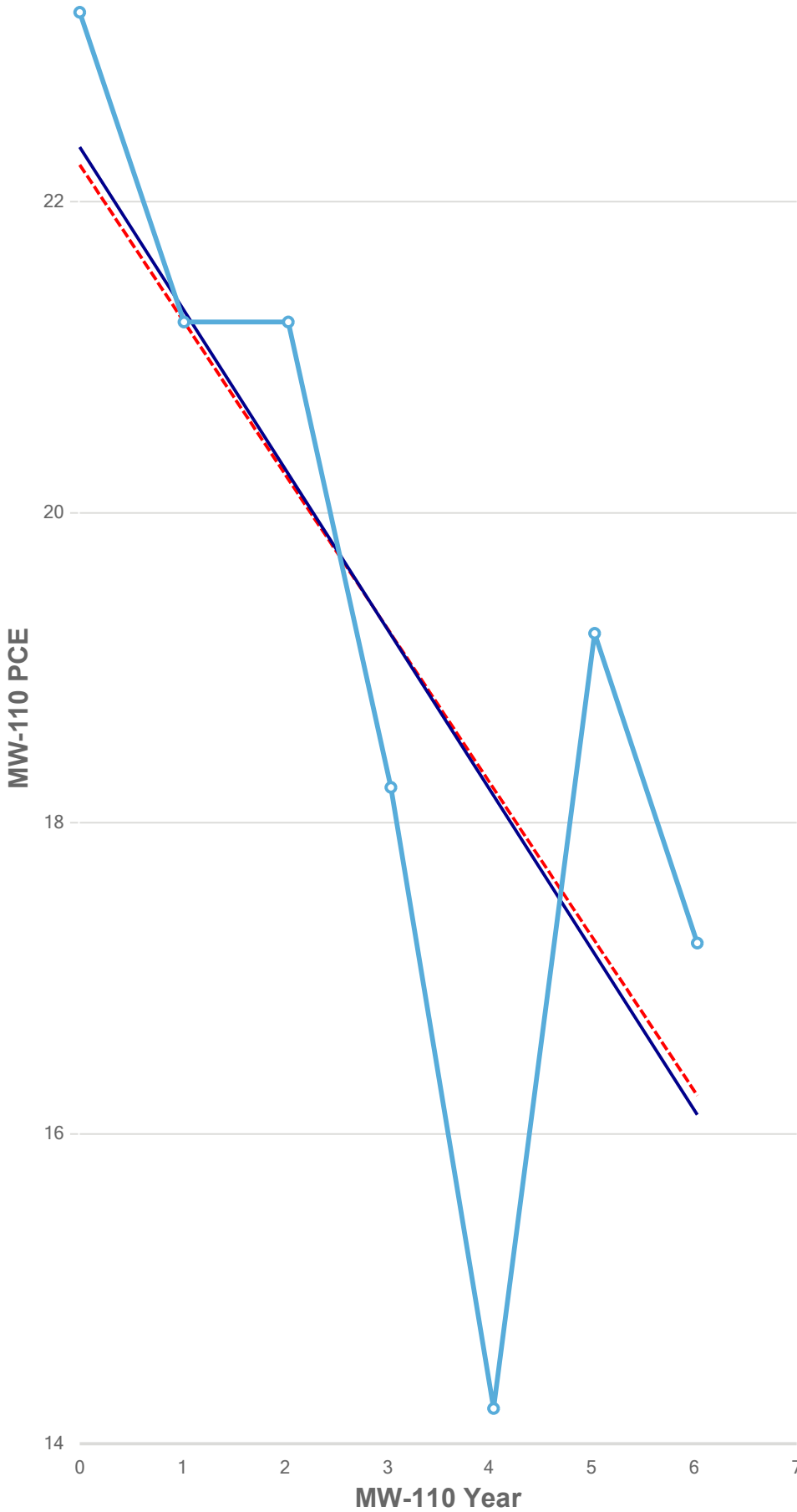
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.5828
Standardized Value of S	-1.9748
M-K Test Value (S)	-14
Tabulated p-value	0.0150
Approximate p-value	0.0241

OLS Regression Line (Blue)	
OLS Regression Slope	-1.0336
OLS Regression Intercept	22.1270

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.9955
Theil-Sen Intercept	22.0191

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

Mann-Kendall Trend Test



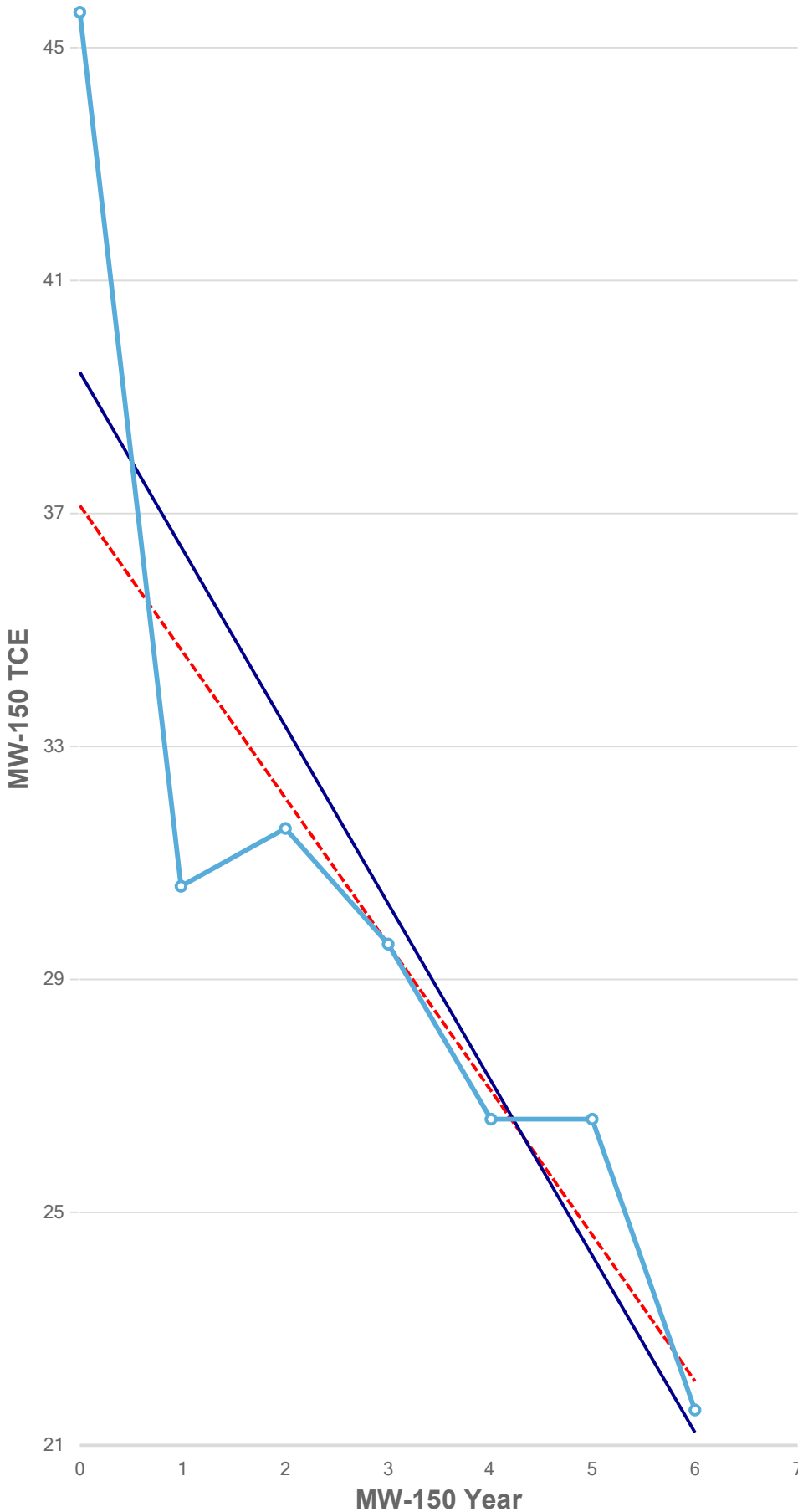
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.5828
Standardized Value of S	-1.9748
M-K Test Value (S)	-14
Tabulated p-value	0.0150
Approximate p-value	0.0241

OLS Regression Line (Blue)	
OLS Regression Slope	-1.0336
OLS Regression Intercept	22.1270

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.9955
Theil-Sen Intercept	22.0191

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

Mann-Kendall Trend Test



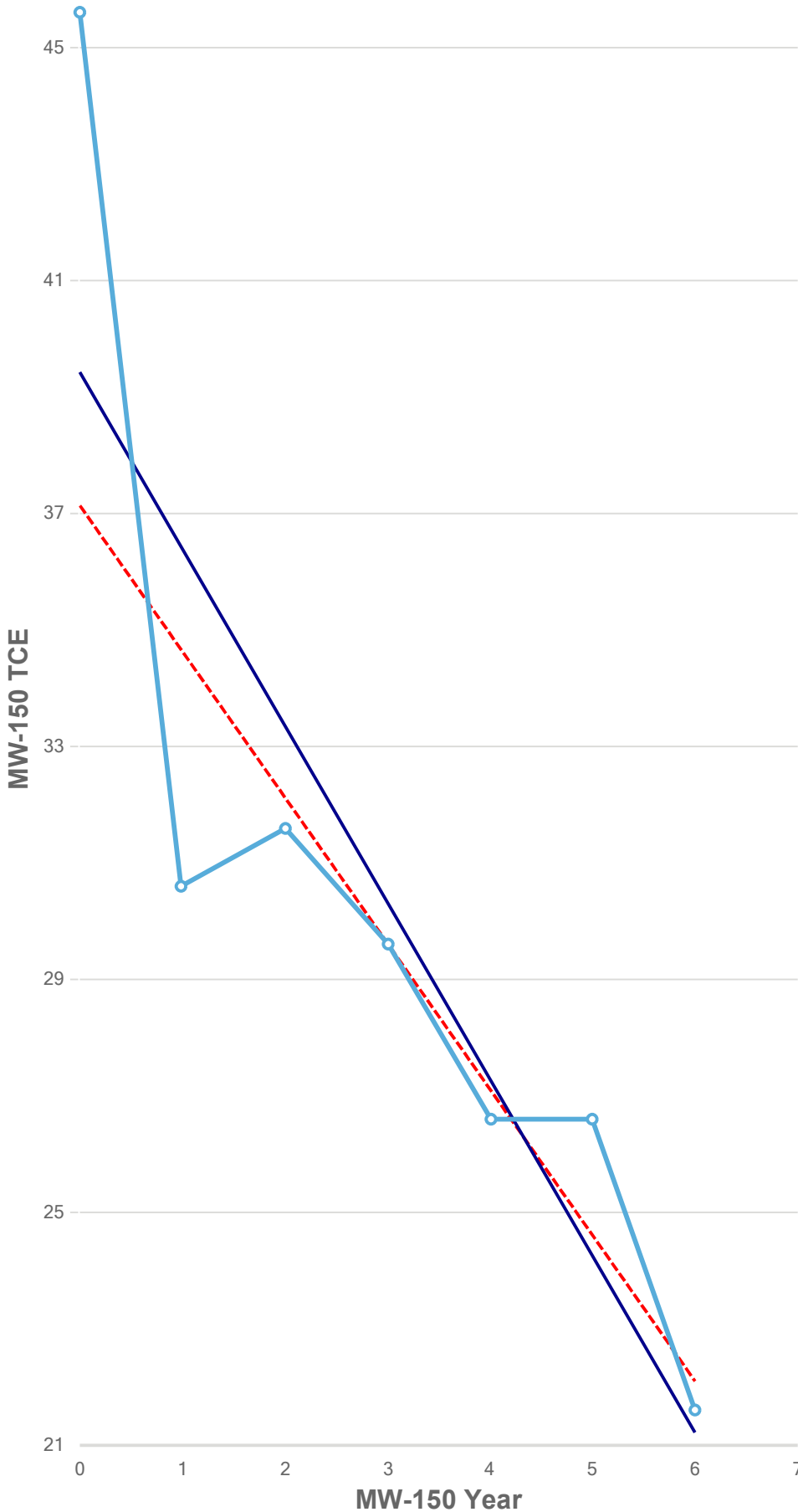
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.5828
Standardized Value of S	-2.5825
M-K Test Value (S)	-18
Tabulated p-value	0.0010
Approximate p-value	0.0049

OLS Regression Line (Blue)	
OLS Regression Slope	-3.0320
OLS Regression Intercept	39.8151

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-2.5034
Theil-Sen Intercept	37.5240

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

Mann-Kendall Trend Test



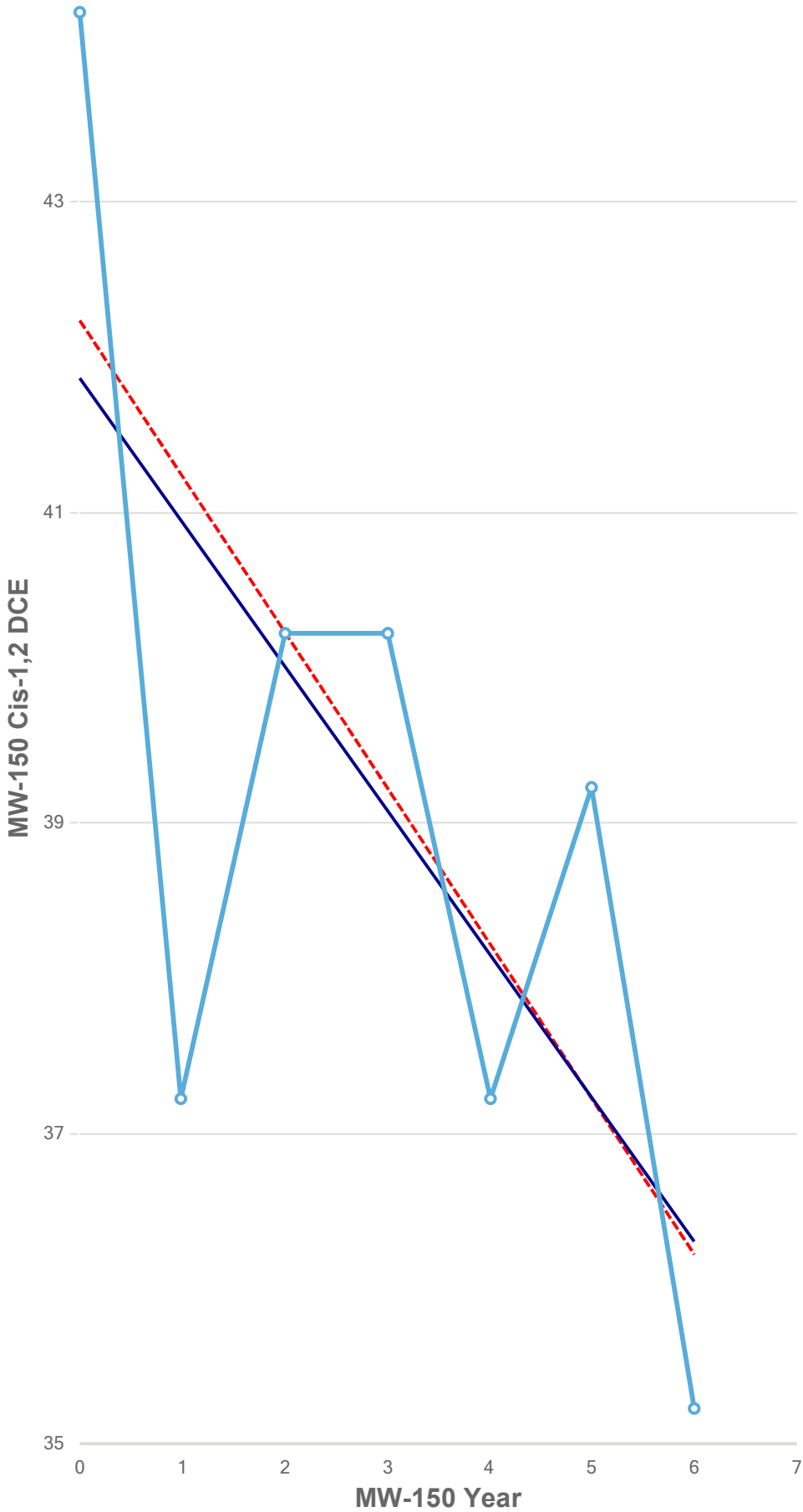
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.5828
Standardized Value of S	-2.5825
M-K Test Value (S)	-18
Tabulated p-value	0.0010
Approximate p-value	0.0049

OLS Regression Line (Blue)	
OLS Regression Slope	-3.0320
OLS Regression Intercept	39.8151

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-2.5034
Theil-Sen Intercept	37.5240

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

Mann-Kendall Trend Test



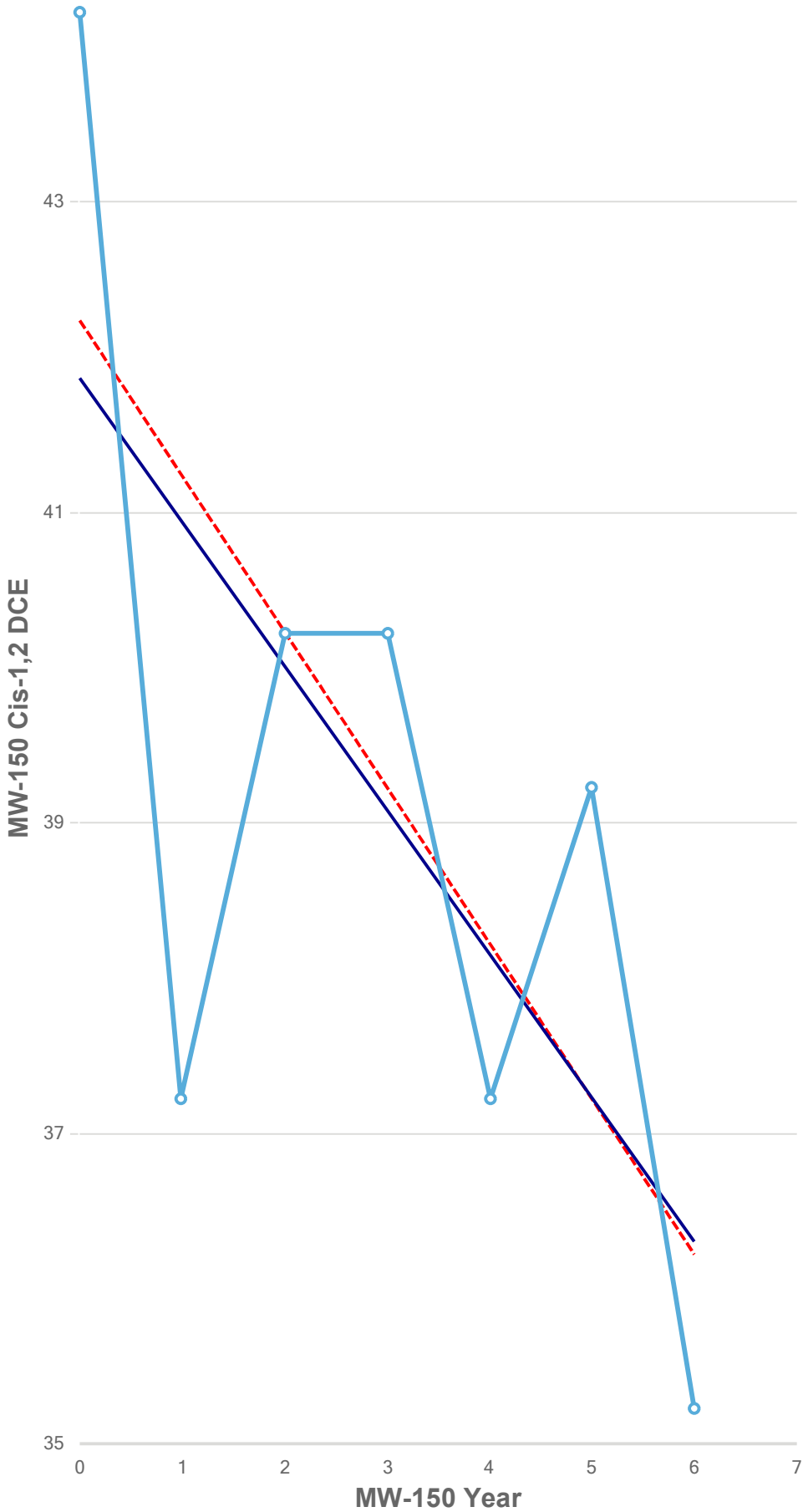
Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.5064
Standardized Value of S	-1.5369
M-K Test Value (S)	-11
Tabulated p-value	0.0680
Approximate p-value	0.0622

OLS Regression Line (Blue)	
OLS Regression Slope	-0.9265
OLS Regression Intercept	41.6380

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.0027
Theil-Sen Intercept	42.0137

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

Mann-Kendall Trend Test



Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.5064
Standardized Value of S	-1.5369
M-K Test Value (S)	-11
Tabulated p-value	0.0680
Approximate p-value	0.0622

OLS Regression Line (Blue)	
OLS Regression Slope	-0.9265
OLS Regression Intercept	41.6380

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-1.0027
Theil-Sen Intercept	42.0137

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

Mann-Kendall Trend Test

Mann-Kendall Trend Analysis

n	7
Confidence Coefficient	0.8000
Level of Significance	0.2000
Standard Deviation of S	6.5828
Standardized Value of S	-1.9748
M-K Test Value (S)	-14
Tabulated p-value	0.0150
Approximate p-value	0.0241

OLS Regression Line (Blue)

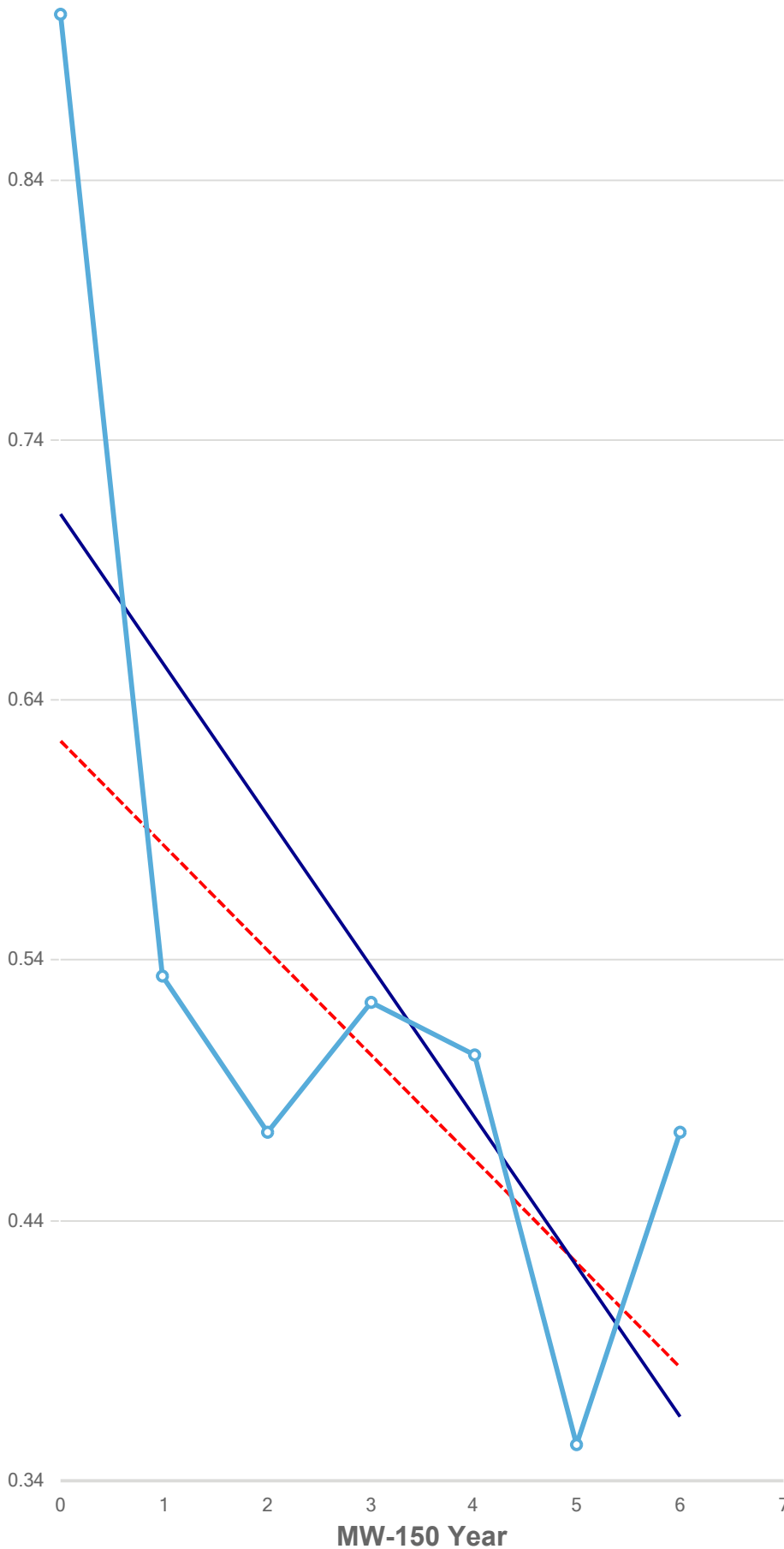
OLS Regression Slope	-0.0578
OLS Regression Intercept	0.7078

Theil-Sen Trend Line (Red)

Theil-Sen Slope	-0.0400
Theil-Sen Intercept	0.6203

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

MW-150 1,1 DCE



Mann-Kendall Trend Test

Mann-Kendall Trend Analysis	
n	7
Confidence Coefficient	0.9000
Level of Significance	0.1000
Standard Deviation of S	6.5828
Standardized Value of S	-1.9748
M-K Test Value (S)	-14
Tabulated p-value	0.0150
Approximate p-value	0.0241

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0578
OLS Regression Intercept	0.7078

Theil-Sen Trend Line (Red)	
Theil-Sen Slope	-0.0400
Theil-Sen Intercept	0.6203

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

MW-150 1,1 DCE

