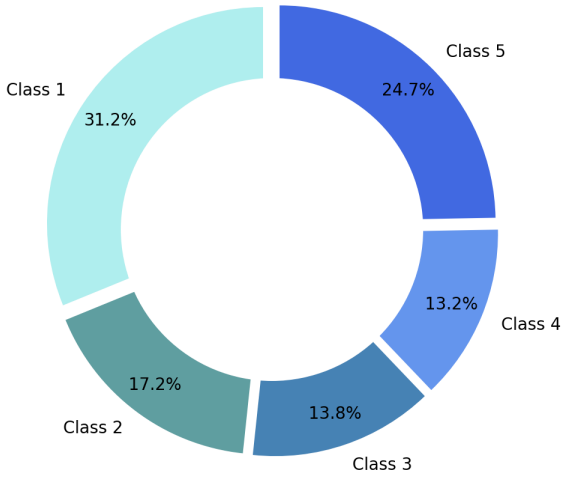
CFARS Site Suitability Subgroup TI Adjustment Tool
Example Results
Project: NRG project 1

Project Metadata

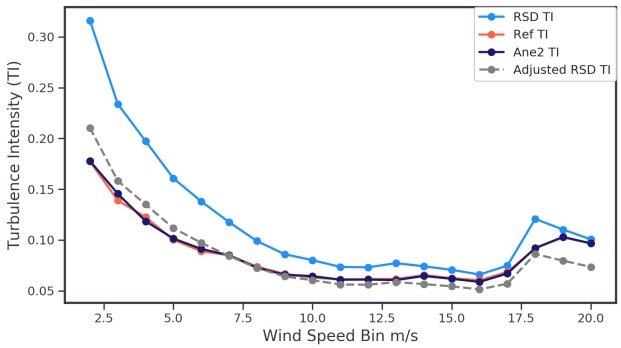
Stability Class Break Down (determined by TKE):

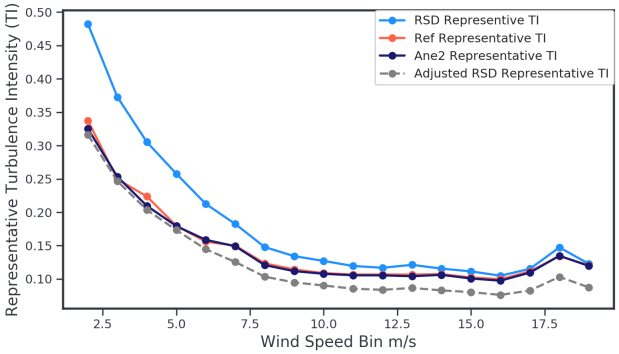


Adjustment Method: Site Specific- Simple
Adjustment Method Key: SS-S

Description:

This method adjusts raw RSD turbulence intensity measurements with a slope and offset regression correction established with data collected with a collocated tower at the site of the RSD measurements. For testing this method, the initial data collection establishes the correction equation, and the equation is applied to separate data not included in model generation.





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
2	0.115	0.0004	0.010	0.1448	-0.0122	-0.0213
3	0.086	0.0009	0.010	0.1233	0.0037	-0.0030
4	0.075	0.0000	0.013	0.0816	-0.0141	-0.0201
5	0.062	0.0006	0.013	0.0781	-0.0003	-0.0063
6	0.045	0.0007	0.005	0.0565	0.0026	-0.0114
7	0.033	0.0004	-0.001	0.0325	-0.0008	-0.0244
8	0.027	-0.0002	0.001	0.0245	-0.0026	-0.0199
9	0.019	-0.0009	-0.003	0.0200	-0.0025	-0.0195
10	0.018	-0.0001	-0.001	0.0182	-0.0010	-0.0186
11	0.015	-0.0001	-0.002	0.0129	-0.0011	-0.0212
12	0.011	-0.0005	-0.006	0.0101	-0.0013	-0.0230
13	0.012	-0.0009	-0.006	0.0146	-0.0025	-0.0201
14	0.010	-0.0006	-0.008	0.0083	-0.0011	-0.0243
15	0.011	-0.0007	-0.006	0.0091	-0.0015	-0.0220
16	0.007	-0.0016	-0.007	0.0051	-0.0024	-0.0237
17	0.011	-0.0014	-0.007	0.0038	-0.0018	-0.0286
18	0.012	0.0003	-0.023	0.0130	0.0004	-0.0312
19	0.003	0.0004	-0.028	0.0022	-0.0009	-0.0330
20	0.004	-0.0001	-0.023			

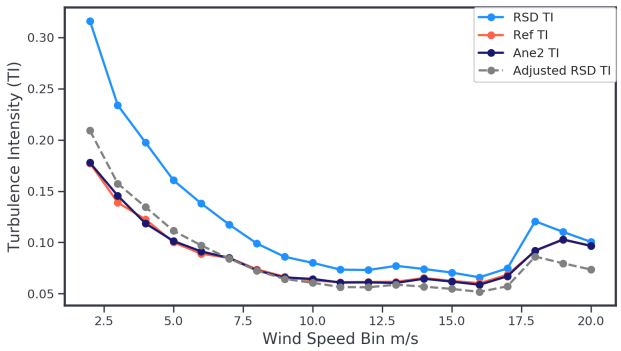
Regression Statistics:

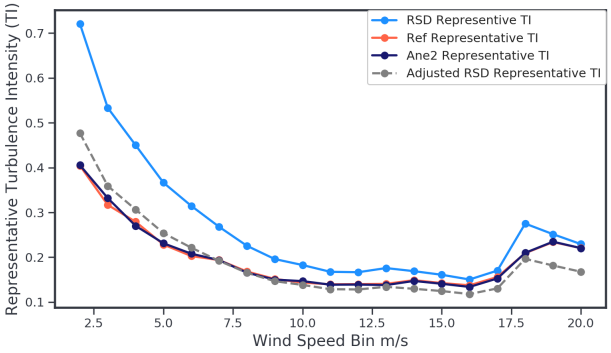
	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
Slope	1.1265	0.9903	0.7205
R-squared	0.71889	0.9909	0.7403

Adjustment Method: Site-Specific Simple Filtered
Adjustment Method Key: SS-SF

Description:

This method adjusts raw RSD turbulence intensity measurements with a slope and offset regression correction established with data collected with a collocated tower at the site of the RSD measurements that has been filtered for TI measurement outliers. For testing this method, the initial data collection establishes the correction equation, and the equation is applied to separate data not included in model generation.





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
2	0.1152	0.0083	0.0004	0.1448	-0.0122	-0.0237
3	0.0859	0.0094	0.0009	0.1233	0.0037	-0.0047
4	0.0752	0.0123	0	0.0816	-0.0141	-0.0213
5	0.0624	0.0130	0.0006	0.0781	-0.0003	-0.0072
6	0.0454	0.0045	0.0007	0.0565	0.0026	-0.0120
7	0.0327	-0.0006	0.0004	0.0325	-0.0008	-0.0249
8	0.0273	0.0008	-0.0002	0.0245	-0.0026	-0.0201
9	0.0193	-0.0023	-0.0009	0.0200	-0.0025	-0.0196
10	0.0183	-0.0011	-0.0001	0.0182	-0.0010	-0.0186
11	0.0150	-0.0020	-0.0001	0.0129	-0.0011	-0.0212
12	0.0108	-0.0061	-0.0005	0.0101	-0.0013	-0.0230
13	0.0122	-0.0062	-0.0009	0.0146	-0.0025	-0.0201
14	0.0096	-0.0077	-0.0006	0.0083	-0.0011	-0.0243
15	0.0107	-0.0053	-0.0007	0.0091	-0.0015	-0.0219
16	0.0072	-0.0070	-0.0016	0.0051	-0.0024	-0.0236
17	0.0111	-0.0063	-0.0014	0.0038	-0.0018	-0.0286
18	0.0116	-0.0229	0.0003	0.0130	0.0004	-0.0314
19	0.0031	-0.0275	0.0004	0.0022	-0.0009	-0.0330
20	0.0039	-0.0232	-0.0001	0.0039	-0.0001	-0.0232

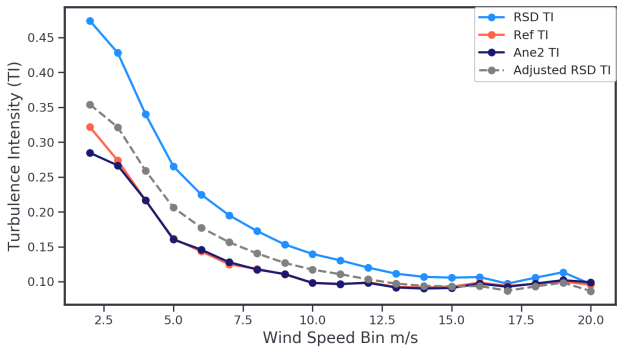
Regression Statistics:

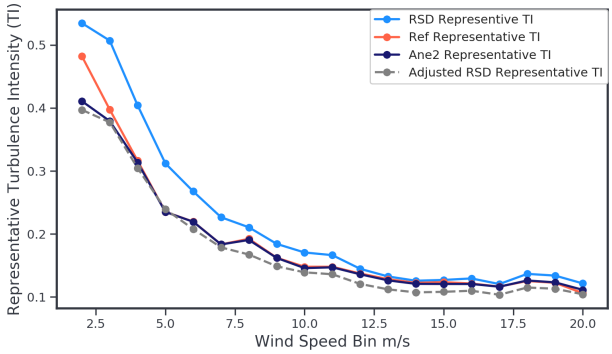
	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
Slope	1.1265	0.9903	0.7205
R-squared	0.7189	0.9909	0.7403

Adjustment Method: Site Specific Simple Correction by TKE Class
Adjustment Method Key: SS-SS

Description:

This method adjusts raw RSD turbulence intensity measurements with a slope and offset regression correction established within each TKE class. Data for the regression model is collected with a collocated tower at the site of the RSD measurements. For testing this method, the initial data collection establishes the correction equation, and the equation is applied to separate data not included in model generation.





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
2	0.1048	-0.0152	-0.0067	0.0525	-0.0713	-0.0851
3	0.1163	0.0098	-0.0051	0.1094	-0.0182	-0.0201
4	0.0891	0.0083	-0.0004	0.0879	-0.0027	-0.0117
5	0.0811	0.0220	0.0023	0.0768	-0.0001	0.0041
6	0.0641	0.0168	0.0014	0.0480	-0.0002	-0.0118
7	0.0454	0.0067	0.0001	0.0431	0.0000	-0.0047
8	0.0389	0.0068	-0.0005	0.0182	-0.0018	-0.0249
9	0.0299	0.0034	-0.0003	0.0220	-0.0003	-0.0135
10	0.0246	0.0022	-0.0005	0.0226	-0.0021	-0.0089
11	0.0169	-0.0029	-0.0007	0.0184	-0.0009	-0.0119
12	0.0126	-0.0042	-0.0011	0.0075	-0.0012	-0.0165
13	0.0111	-0.0032	-0.0012	0.0043	-0.0020	-0.0162
14	0.0118	-0.0012	-0.0014	0.0033	-0.0016	-0.0151
15	0.0089	-0.0037	-0.0012	0.0035	-0.0029	-0.0153
16	0.0070	-0.0058	-0.0015	0.0081	-0.0007	-0.0114
17	0.0047	-0.0054	-0.0009	0.0040	-0.0002	-0.0129
18	0.0069	-0.0057	0.0004	0.0113	0.0009	-0.0103
19	0.0065	-0.0083	0.0020	0.0114	0.0006	-0.0095
20	-0.0030	-0.0129	0.0035	0.0155	0.0053	-0.0017

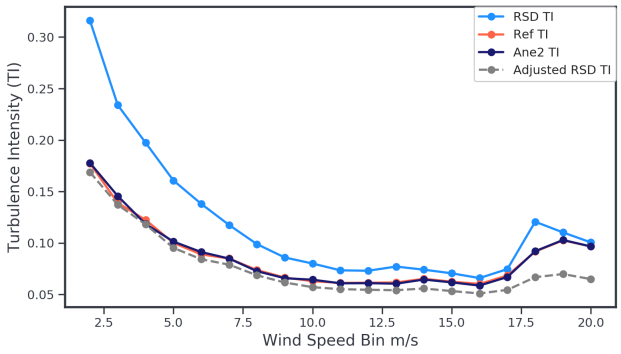
Regression Statistics:

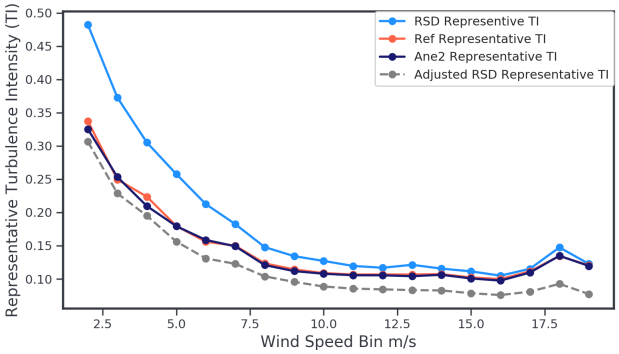
	Ref TI vs. RSD TI	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
Slope	1.1265	0.9903	0.8534
R-squared	0.7189	0.9909	0.8123

Adjustment Method: Site-Specific Match Version 2
Adjustment Method Key: SS-Match2

Description:

This method creates a lookup table to adjust the probability density function of binned observations and maps each TI value accordingly.





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
2	0.1152	-0.0086	0.0004	0.1448	-0.0122	-0.0309
3	0.0859	-0.0018	0.0009	0.1233	0.0037	-0.0209
4	0.0752	-0.0043	0.0000	0.0816	-0.0141	-0.0287
5	0.0624	-0.0049	0.0006	0.0781	-0.0003	-0.0235
6	0.0454	-0.0047	0.0007	0.0565	0.0026	-0.0251
7	0.0327	-0.0060	0.0004	0.0325	-0.0008	-0.0272
8	0.0273	-0.0051	-0.0002	0.0245	-0.0026	-0.0195
9	0.0193	-0.0048	-0.0009	0.0200	-0.0025	-0.0187
10	0.0183	-0.0058	-0.0001	0.0182	-0.0010	-0.0202
11	0.0150	-0.0061	-0.0001	0.0129	-0.0011	-0.0212
12	0.0108	-0.0068	-0.0005	0.0101	-0.0013	-0.0224
13	0.0122	-0.0075	-0.0009	0.0146	-0.0025	-0.0234
14	0.0096	-0.0094	-0.0006	0.0083	-0.0011	-0.0246
15	0.0107	-0.0091	-0.0007	0.0091	-0.0015	-0.0237
16	0.0072	-0.0092	-0.0016	0.0051	-0.0024	-0.0241
17	0.0111	-0.0139	-0.0014	0.0038	-0.0018	-0.0306
18	0.0116	-0.0249	0.0003	0.0130	0.0004	-0.0418
19	0.0031	-0.0327	0.0004	0.0022	-0.0009	-0.0431
20	0.0039	-0.0317	-0.0001			

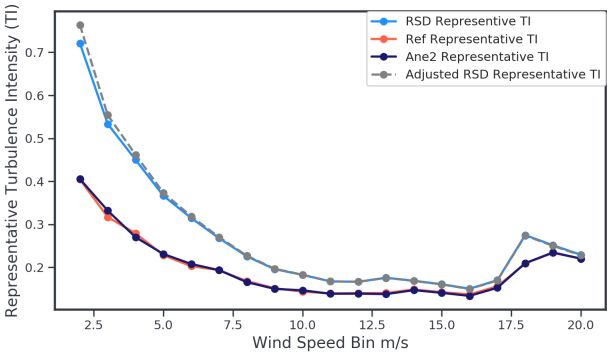
Regression Statistics:

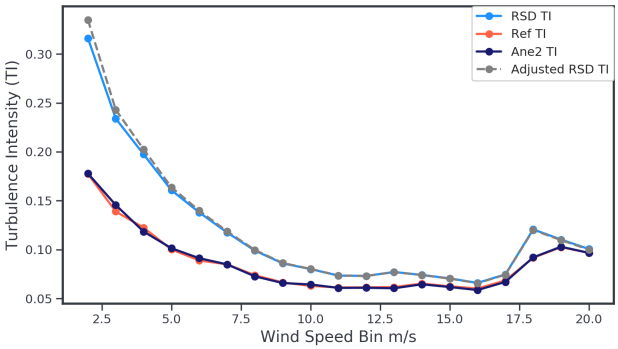
	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
Slope	1.1265	0.9903	0.8206
R-squared	0.7189	0.9909	0.9231

Adjustment Method: Site Specific Wind Speed Adjusted
Adjustment Method Key: SS-WS

Description:

This method adjusts raw RSD turbulence intensity measurements with a slope and offset regression correction for wind speed only. Data for the regression model is collected with a collocated tower at the site of the RSD measurements. For testing this method, the initial data collection establishes the correction equation, and the equation is applied to separate data not included in model generation.





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
2	0.1152	0.0004	0.1340	0.1448	-0.0122	0.1226
3	0.0859	0.0009	0.0950	0.1233	0.0037	0.0968
4	0.0752	0.0000	0.0804	0.0816	-0.0141	0.0584
5	0.0624	0.0006	0.0653	0.0781	-0.0003	0.0550
6	0.0454	0.0007	0.0472	0.0565	0.0026	0.0379
7	0.0327	0.0004	0.0338	0.0325	-0.0008	0.0157
8	0.0273	-0.0002	0.0279	0.0245	-0.0026	0.0115
9	0.0193	-0.0009	0.0197	0.0200	-0.0025	0.0068
10	0.0183	-0.0001	0.0185	0.0182	-0.0010	0.0052
11	0.0150	-0.0001	0.0151	0.0129	-0.0011	-0.0001
12	0.0108	-0.0005	0.0108	0.0101	-0.0013	-0.0023
13	0.0122	-0.0009	0.0121	0.0146	-0.0025	0.0020
14	0.0096	-0.0006	0.0094	0.0083	-0.0011	-0.0037
15	0.0107	-0.0007	0.0105	0.0091	-0.0015	-0.0027
16	0.0072	-0.0016	0.0070	0.0051	-0.0024	-0.0062
17	0.0111	-0.0014	0.0108	0.0038	-0.0018	-0.0080
18	0.0116	0.0003	0.0110	0.0130	0.0004	0.0048
19	0.0031	0.0004	0.0026	0.0022	-0.0009	-0.0019
20	0.0039	-0.0001	0.0034	0.1448	-0.0122	0.1226

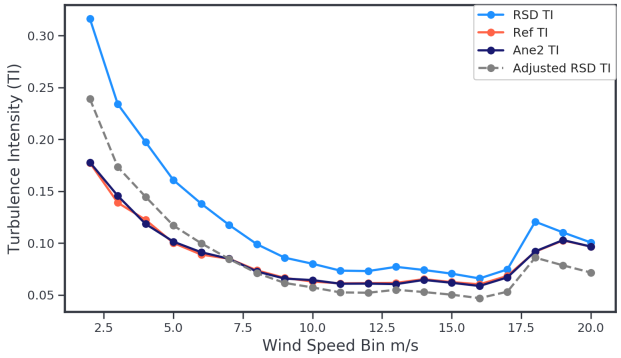
Regression Statistics:

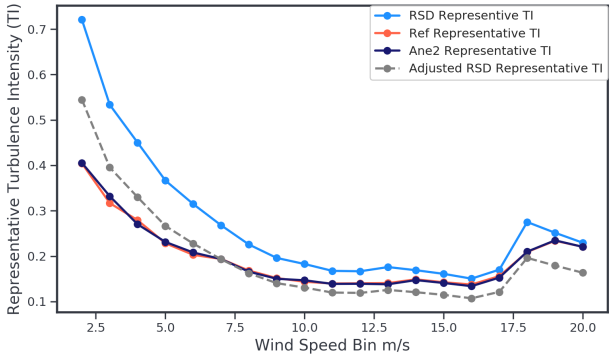
	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
Slope	1.1265	0.9903	1.1947
R-squared	0.7189	0.9909	0.7324

Adjustment Method: Site Suitability Windspeed and Standard Deviation Adjustment
Adjustment Method Key: SS-WS-Std

Description:

This method…





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
2	0.1152	0.0004	0.0380	0.3164	0.0011	0.1403
3	0.0859	0.0009	0.0254	0.2166	0.0151	0.0785
4	0.0752	0.0000	0.0225	0.1710	-0.0090	0.0507
5	0.0624	0.0006	0.0185	0.1381	0.0028	0.0381
6	0.0454	0.0007	0.0072	0.1119	0.0052	0.0248
7	0.0327	0.0004	-0.0001	0.0743	-0.0001	-0.0006
8	0.0273	-0.0002	-0.0006	0.0574	-0.0025	-0.0061
9	0.0193	-0.0009	-0.0050	0.0444	-0.0014	-0.0111
10	0.0183	-0.0001	-0.0045	0.0390	0.0032	-0.0129
11	0.0150	-0.0001	-0.0059	0.0279	-0.0009	-0.0200
12	0.0108	-0.0005	-0.0101	0.0266	-0.0010	-0.0211
13	0.0122	-0.0009	-0.0099	0.0353	-0.0026	-0.0151
14	0.0096	-0.0006	-0.0117	0.0201	-0.0017	-0.0283
15	0.0107	-0.0007	-0.0096	0.0185	-0.0016	-0.0277
16	0.0072	-0.0016	-0.0118	0.0130	-0.0036	-0.0303
17	0.0111	-0.0014	-0.0103	0.0143	-0.0033	-0.0347
18	0.0116	0.0003	-0.0231	0.0659	0.0007	-0.0131
19	0.0031	0.0004	-0.0286	0.0176	0.0009	-0.0547
20	0.0039	-0.0001	-0.0251	0.0089	-0.0001	-0.0571

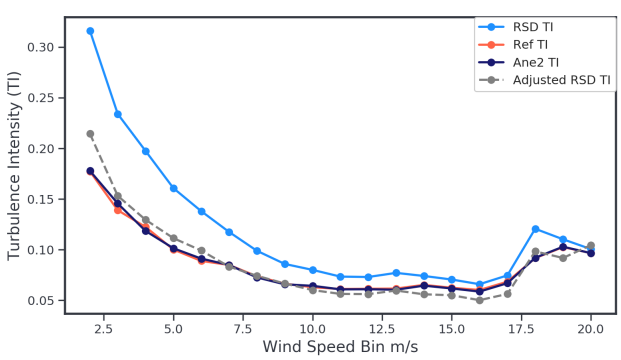
Regression Statistics:

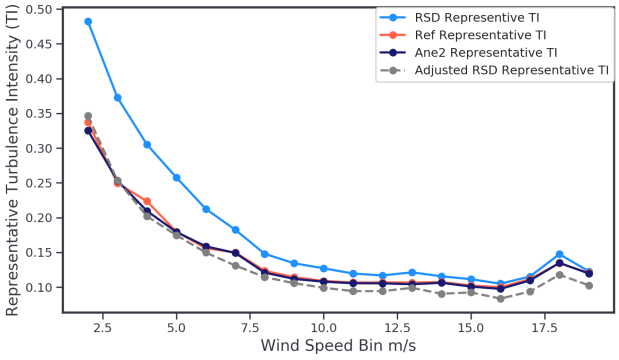
	Ref TI vs. RSD TI	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
Slope	1.1265	0.9903	0.8549
R-squared	0.7189	0.9909	0.7334

Adjustment Method: Site Specific L Terra version A
Adjustment Method Key: SS-LTERRA-MLa

Description:

This method…





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
2	0.1152	0.0004	0.0136	0.1448	-0.0122	0.0090
3	0.0859	0.0009	0.0051	0.1233	0.0037	0.0040
4	0.0752	0.0000	0.0073	0.0816	-0.0141	-0.0217
5	0.0624	0.0006	0.0130	0.0781	-0.0003	-0.0050
6	0.0454	0.0007	0.0066	0.0565	0.0026	-0.0063
7	0.0327	0.0004	-0.0015	0.0325	-0.0008	-0.0188
8	0.0273	-0.0002	0.0026	0.0245	-0.0026	-0.0091
9	0.0193	-0.0009	0.0000	0.0200	-0.0025	-0.0087
10	0.0183	-0.0001	-0.0016	0.0182	-0.0010	-0.0097
11	0.0150	-0.0001	-0.0020	0.0129	-0.0011	-0.0124
12	0.0108	-0.0005	-0.0061	0.0101	-0.0013	-0.0125
13	0.0122	-0.0009	-0.0052	0.0146	-0.0025	-0.0076
14	0.0096	-0.0006	-0.0085	0.0083	-0.0011	-0.0168
15	0.0107	-0.0007	-0.0048	0.0091	-0.0015	-0.0099
16	0.0072	-0.0016	-0.0085	0.0051	-0.0024	-0.0163
17	0.0111	-0.0014	-0.0072	0.0038	-0.0018	-0.0177
18	0.0116	0.0003	-0.0107	0.0130	0.0004	-0.0166
19	0.0031	0.0004	-0.0153	0.0022	-0.0009	-0.0179
20	0.0039	-0.0001	0.0078			

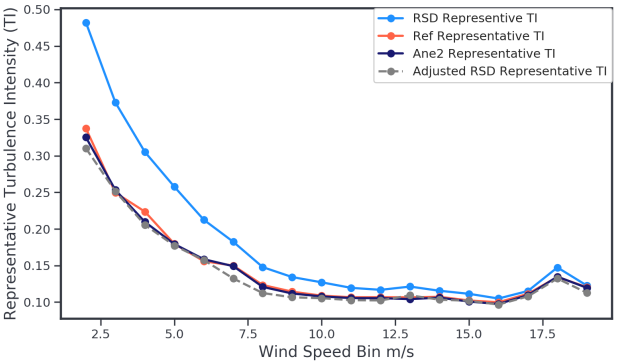
Regression Statistics:

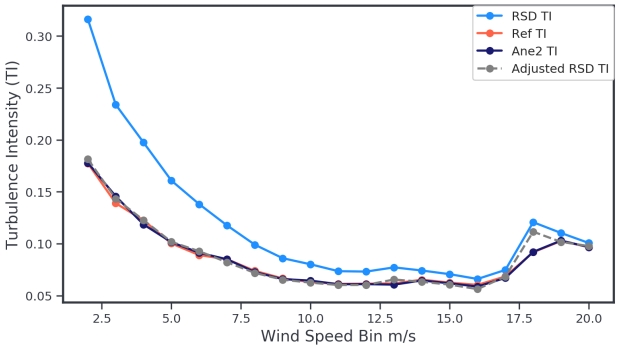
	Ref TI vs. RSD TI	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
Slope	1.1265	0.9903	0.7303
R-squared	0.7189	0.9909	0.6351

Adjustment Method: Site Specific L Terra version B
Adjustment Method Key: SS-LTERRA-MLb

Description:

This method…





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
2	0.1152	0.0004	-0.0195	0.1448	-0.0122	-0.0272
3	0.0859	0.0009	-0.0047	0.1233	0.0037	0.0019
4	0.0752	0.0000	0.0004	0.0816	-0.0141	-0.0180
5	0.0624	0.0006	0.0034	0.0781	-0.0003	-0.0024
6	0.0454	0.0007	0.0000	0.0565	0.0026	0.0015
7	0.0327	0.0004	-0.0028	0.0325	-0.0008	-0.0176
8	0.0273	-0.0002	0.0001	0.0245	-0.0026	-0.0109
9	0.0193	-0.0009	-0.0013	0.0200	-0.0025	-0.0077
10	0.0183	-0.0001	0.0006	0.0182	-0.0010	-0.0034
11	0.0150	-0.0001	0.0017	0.0129	-0.0011	-0.0040
12	0.0108	-0.0005	-0.0021	0.0101	-0.0013	-0.0044
13	0.0122	-0.0009	0.0005	0.0146	-0.0025	0.0026
14	0.0096	-0.0006	-0.0013	0.0083	-0.0011	-0.0039
15	0.0107	-0.0007	0.0006	0.0091	-0.0015	-0.0004
16	0.0072	-0.0016	-0.0026	0.0051	-0.0024	-0.0032
17	0.0111	-0.0014	0.0048	0.0038	-0.0018	-0.0035
18	0.0116	0.0003	0.0024	0.0130	0.0004	-0.0021
19	0.0031	0.0004	-0.0055	0.0022	-0.0009	-0.0077
20	0.0039	-0.0001	0.0010			

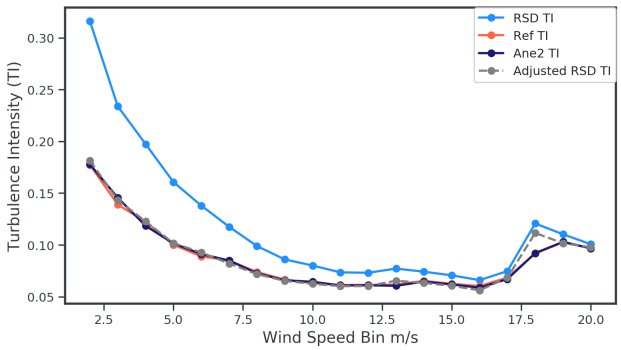
Regression Statistics:

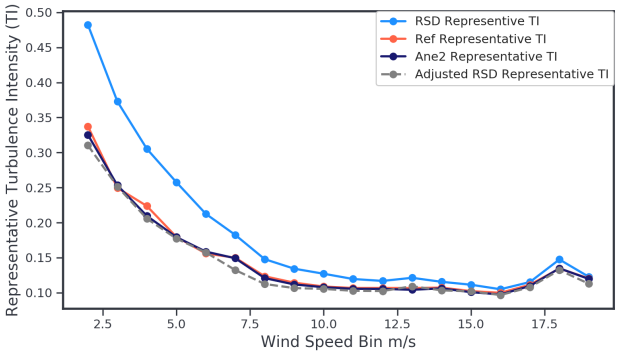
	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
Slope	1.1265	0.9903	0.7837
R-squared	0.7189	0.9909	0.7579

Adjustment Method: Site Specific L Terra Version C
Adjustment Method Key: SS-LTERRA-MLc

Description:

This method…





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
2	0.1152	0.0004	-0.0073	0.1448	-0.0122	0.0050
3	0.0859	0.0009	-0.0048	0.1233	0.0037	-0.0042
4	0.0752	0.0000	-0.0023	0.0816	-0.0141	-0.0164
5	0.0624	0.0006	0.0036	0.0781	-0.0003	-0.0023
6	0.0454	0.0007	-0.0009	0.0565	0.0026	-0.0011
7	0.0327	0.0004	-0.0014	0.0325	-0.0008	-0.0154
8	0.0273	-0.0002	0.0027	0.0245	-0.0026	-0.0061
9	0.0193	-0.0009	-0.0007	0.0200	-0.0025	-0.0061
10	0.0183	-0.0001	0.0007	0.0182	-0.0010	-0.0032
11	0.0150	-0.0001	0.0008	0.0129	-0.0011	-0.0048
12	0.0108	-0.0005	-0.0011	0.0101	-0.0013	-0.0031
13	0.0122	-0.0009	0.0007	0.0146	-0.0025	0.0035
14	0.0096	-0.0006	-0.0003	0.0083	-0.0011	-0.0022
15	0.0107	-0.0007	-0.0009	0.0091	-0.0015	-0.0013
16	0.0072	-0.0016	-0.0023	0.0051	-0.0024	-0.0027
17	0.0111	-0.0014	0.0033	0.0038	-0.0018	-0.0045
18	0.0116	0.0003	-0.0001	0.0130	0.0004	-0.0035
19	0.0031	0.0004	-0.0046	0.0022	-0.0009	-0.0035
20	0.0039	-0.0001	0.0054			

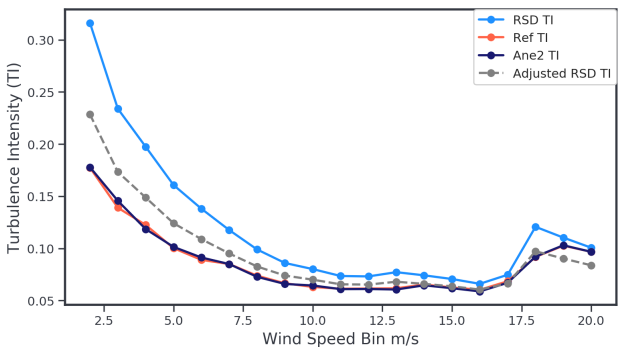
Regression Statistics:

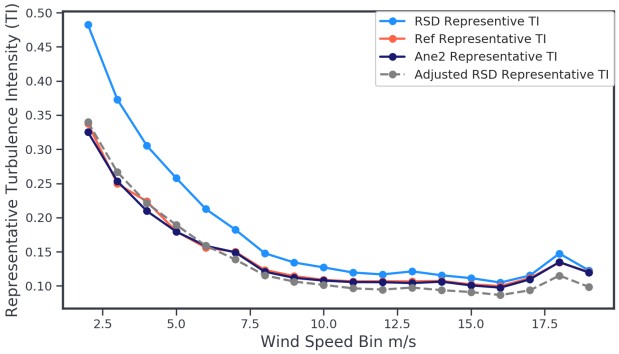
	Ref TI vs. RSD TI	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
Slope	1.1265	0.9903	0.8513
R-squared	0.7189	0.9909	0.8389

Adjustment Method: Global Simple Adjustment From phase 2 applied
Adjustment Method Key: G-Sa

Description:

This method…





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
2	0.1152	0.0004	0.0276	0.1448	-0.0122	0.0026
3	0.0859	0.0009	0.0252	0.1233	0.0037	0.0169
4	0.0752	0.0000	0.0265	0.0816	-0.0141	-0.0025
5	0.0624	0.0006	0.0257	0.0781	-0.0003	0.0095
6	0.0454	0.0007	0.0162	0.0565	0.0026	0.0029
7	0.0327	0.0004	0.0103	0.0325	-0.0008	-0.0112
8	0.0273	-0.0002	0.0109	0.0245	-0.0026	-0.0079
9	0.0193	-0.0009	0.0073	0.0200	-0.0025	-0.0080
10	0.0183	-0.0001	0.0082	0.0182	-0.0010	-0.0073
11	0.0150	-0.0001	0.0071	0.0129	-0.0011	-0.0102
12	0.0108	-0.0005	0.0030	0.0101	-0.0013	-0.0121
13	0.0122	-0.0009	0.0030	0.0146	-0.0025	-0.0091
14	0.0096	-0.0006	0.0014	0.0083	-0.0011	-0.0135
15	0.0107	-0.0007	0.0037	0.0091	-0.0015	-0.0113
16	0.0072	-0.0016	0.0017	0.0051	-0.0024	-0.0132
17	0.0111	-0.0014	0.0028	0.0038	-0.0018	-0.0178
18	0.0116	0.0003	-0.0119	0.0130	0.0004	-0.0192
19	0.0031	0.0004	-0.0170	0.0022	-0.0009	-0.0219
20	0.0039	-0.0001	-0.0130			

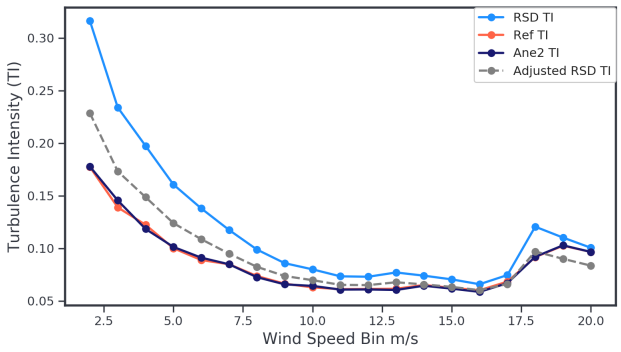
Regression Statistics:

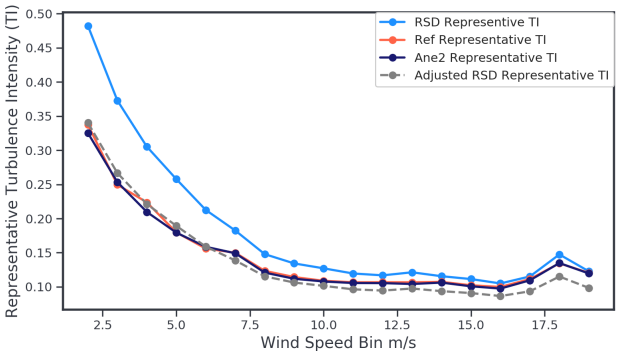
	Ref TI vs. RSD TI	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
Slope	1.1265	0.9903	0.7686
R-squared	0.7189	0.9909	0.7403

Adjustment Method: Filtered Global regression from phase 2 applied
Adjustment Method Key: G-SFa

Description:

This method…





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
2	0.1152	0.0004	0.0276	0.1448	-0.0122	0.0028
3	0.0859	0.0009	0.0252	0.1233	0.0037	0.0170
4	0.0752	0.0000	0.0265	0.0816	-0.0141	-0.0025
5	0.0624	0.0006	0.0257	0.0781	-0.0003	0.0096
6	0.0454	0.0007	0.0161	0.0565	0.0026	0.0029
7	0.0327	0.0004	0.0102	0.0325	-0.0008	-0.0113
8	0.0273	-0.0002	0.0108	0.0245	-0.0026	-0.0080
9	0.0193	-0.0009	0.0071	0.0200	-0.0025	-0.0081
10	0.0183	-0.0001	0.0080	0.0182	-0.0010	-0.0074
11	0.0150	-0.0001	0.0069	0.0129	-0.0011	-0.0103
12	0.0108	-0.0005	0.0028	0.0101	-0.0013	-0.0122
13	0.0122	-0.0009	0.0029	0.0146	-0.0025	-0.0091
14	0.0096	-0.0006	0.0013	0.0083	-0.0011	-0.0136
15	0.0107	-0.0007	0.0035	0.0091	-0.0015	-0.0114
16	0.0072	-0.0016	0.0016	0.0051	-0.0024	-0.0133
17	0.0111	-0.0014	0.0026	0.0038	-0.0018	-0.0179
18	0.0116	0.0003	-0.0120	0.0130	0.0004	-0.0193
19	0.0031	0.0004	-0.0171	0.0022	-0.0009	-0.0220
20	0.0039	-0.0001	-0.0131			

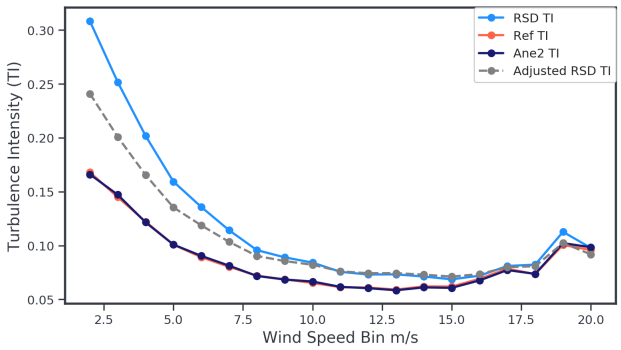
Regression Statistics:

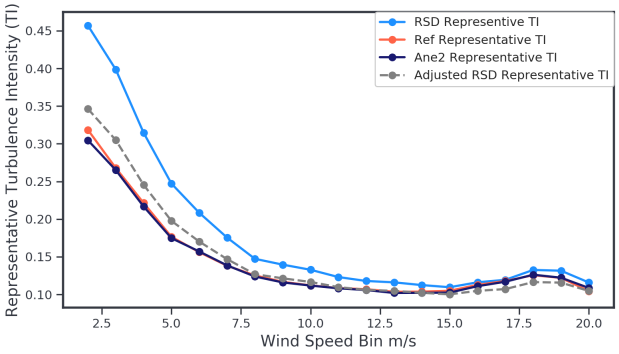
	Ref TI vs. RSD TI	Ref TI vs. Ane2 TI	Ref TI vs. Adj. RSD TI
Slope	1.1265	0.9903	0.7696
R-squared	0.7189	0.9909	0.7403

Adjustment Method: Global Simple Filtered
Adjustment Method Key: G-SFc

Description:

This method…





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
2	0.1286	-0.0006	0.0612	0.1385	-0.0138	0.0278
3	0.0958	-0.0001	0.0449	0.1308	-0.0027	0.0371
4	0.0755	0.0001	0.0392	0.0933	-0.0047	0.0241
5	0.0604	0.0011	0.0365	0.0707	-0.0018	0.0212
6	0.0463	0.0008	0.0292	0.0523	0.0009	0.0141
7	0.0319	0.0003	0.0211	0.0374	0.0004	0.0088
8	0.0252	0.0001	0.0198	0.0220	-0.0015	0.0016
9	0.0205	-0.0005	0.0171	0.0228	-0.0008	0.0047
10	0.0189	0.0001	0.0169	0.0207	-0.0002	0.0046
11	0.0140	-0.0002	0.0145	0.0147	-0.0003	0.0013
12	0.0114	-0.0005	0.0126	0.0109	-0.0012	-0.0009
13	0.0122	-0.0006	0.0133	0.0125	-0.0016	0.0012
14	0.0099	-0.0008	0.0116	0.0087	-0.0016	-0.0015
15	0.0101	-0.0007	0.0126	0.0047	-0.0024	-0.0047
16	0.0076	-0.0014	0.0091	0.0034	-0.0018	-0.0080
17	0.0072	-0.0011	0.0061	0.0015	-0.0010	-0.0108
18	0.0125	0.0002	0.0110	0.0069	0.0006	-0.0092
19	0.0058	0.0017	-0.0046	0.0096	0.0003	-0.0063
20	-0.0007	0.0026	-0.0067			

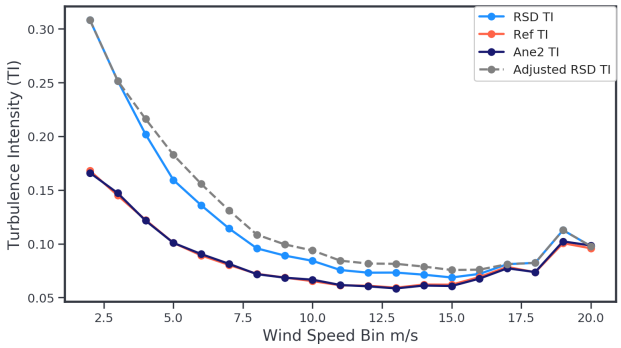
Regression Statistics:

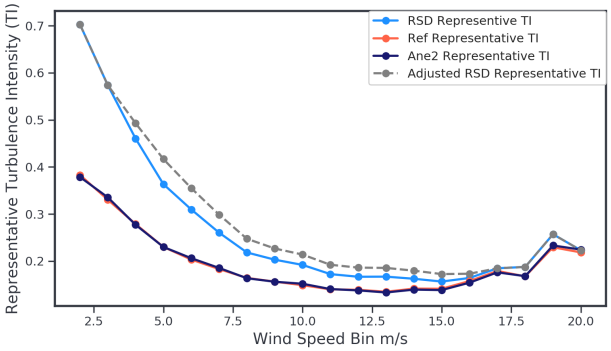
	Ref TI vs. RSD TI	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
Slope	1.1265	0.9903	0.7983
R-squared	0.7189	0.9909	0.7189

Adjustment Method: Global Empirical correction of Std
Adjustment Method Key: G-C

Description:

This method…





Tabulated TI Difference by wind speed bin:

	Mean TI			Representative TI		
WS Bin	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**	**Ref TI vs. RSD TI**	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
2	0.1286	-0.0006	0.1286	0.3199	-0.0044	0.3199
3	0.0958	-0.0001	0.0958	0.2433	0.0050	0.2433
4	0.0755	0.0001	0.0898	0.1816	-0.0015	0.2142
5	0.0604	0.0011	0.0838	0.1333	-0.0001	0.1867
6	0.0463	0.0008	0.0661	0.1064	0.0029	0.1517
7	0.0319	0.0003	0.0487	0.0774	0.0024	0.1157
8	0.0252	0.0001	0.0380	0.0541	-0.0006	0.0832
9	0.0205	-0.0005	0.0309	0.0467	-0.0002	0.0704
10	0.0189	0.0001	0.0285	0.0430	0.0030	0.0650
11	0.0140	-0.0002	0.0227	0.0324	0.0006	0.0523
12	0.0114	-0.0005	0.0199	0.0277	-0.0013	0.0471
13	0.0122	-0.0006	0.0203	0.0321	-0.0015	0.0506
14	0.0099	-0.0008	0.0175	0.0209	-0.0021	0.0382
15	0.0101	-0.0007	0.0171	0.0153	-0.0028	0.0311
16	0.0076	-0.0014	0.0115	0.0066	-0.0034	0.0156
17	0.0072	-0.0011	0.0072	0.0058	-0.0029	0.0058
18	0.0125	0.0002	0.0125	0.0201	0.0006	0.0201
19	0.0058	0.0017	0.0058	0.0276	0.0038	0.0276
20	-0.0007	0.0026	-0.0007			

Regression Statistics:

	Ref TI vs. RSD TI	**Ref TI vs. Ane2 TI**	**Ref TI vs. Adj. RSD TI**
Slope	1.1265	0.9903	1.1520
R-squared	0.7189	0.9909	0.7159