

Paired t-test Industry and Commercial

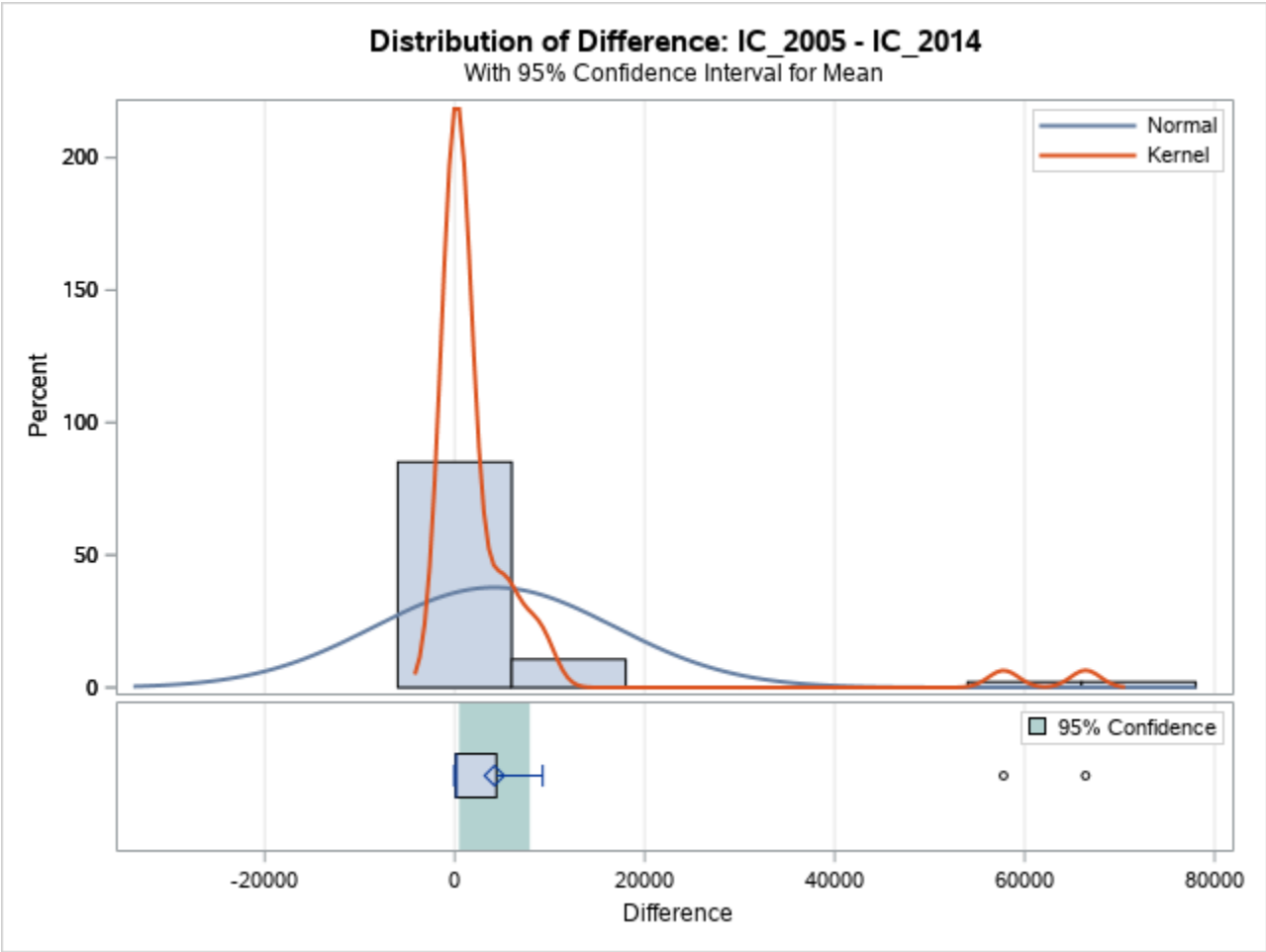
The TTEST Procedure

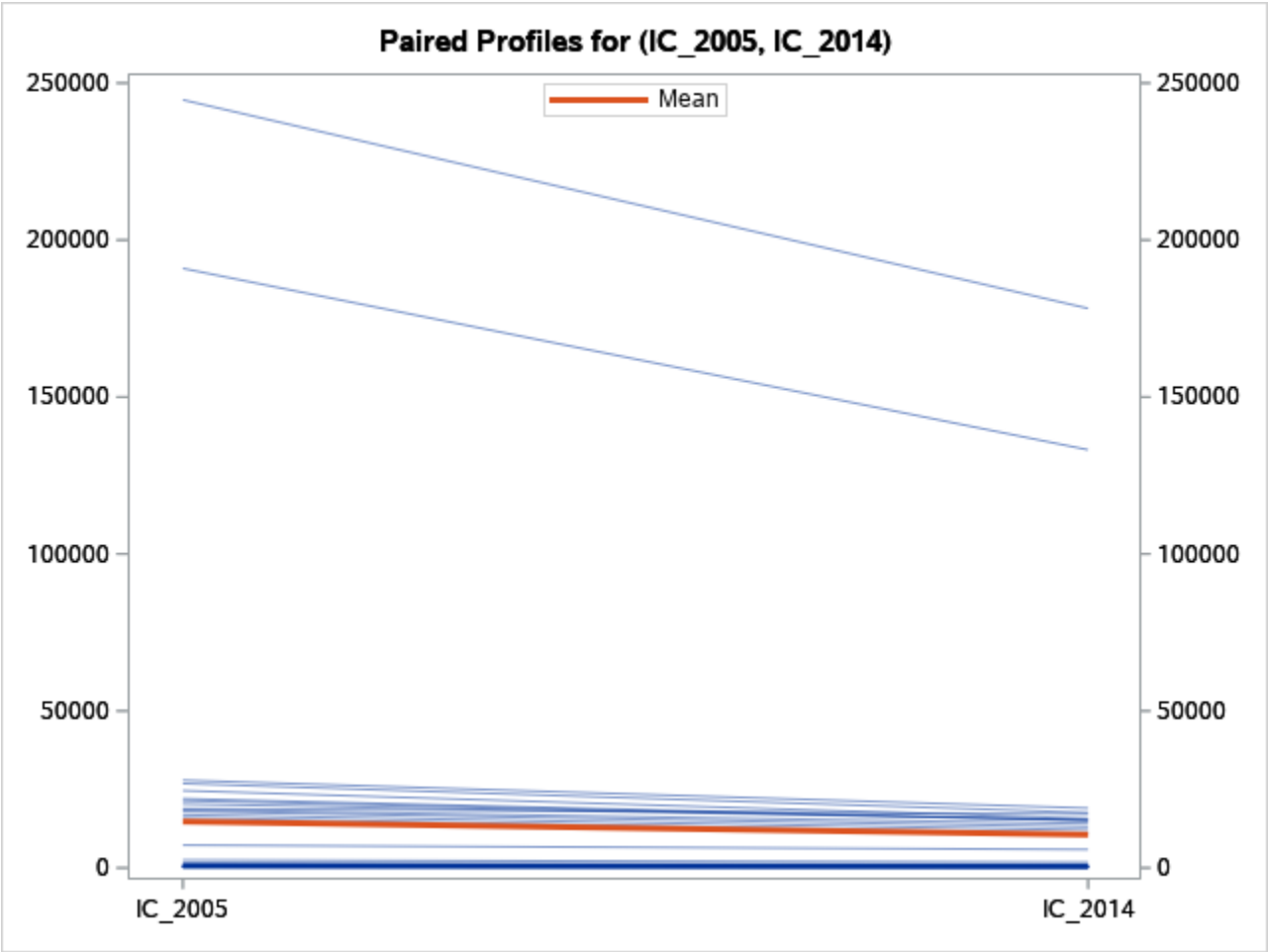
Difference: IC\_2005 - IC\_2014

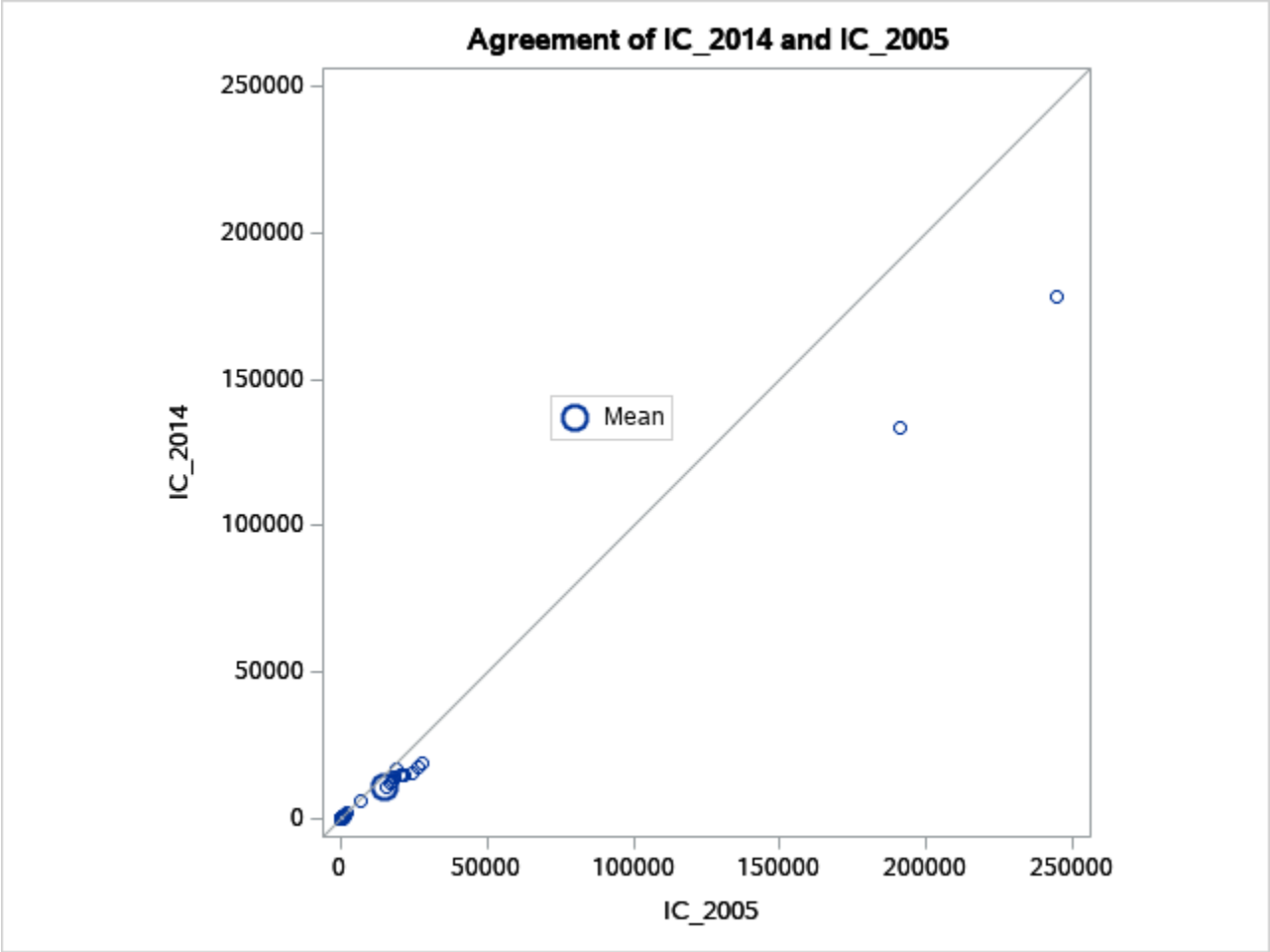
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	4179.1	12668.1	1847.8	-43.1000	66420.3

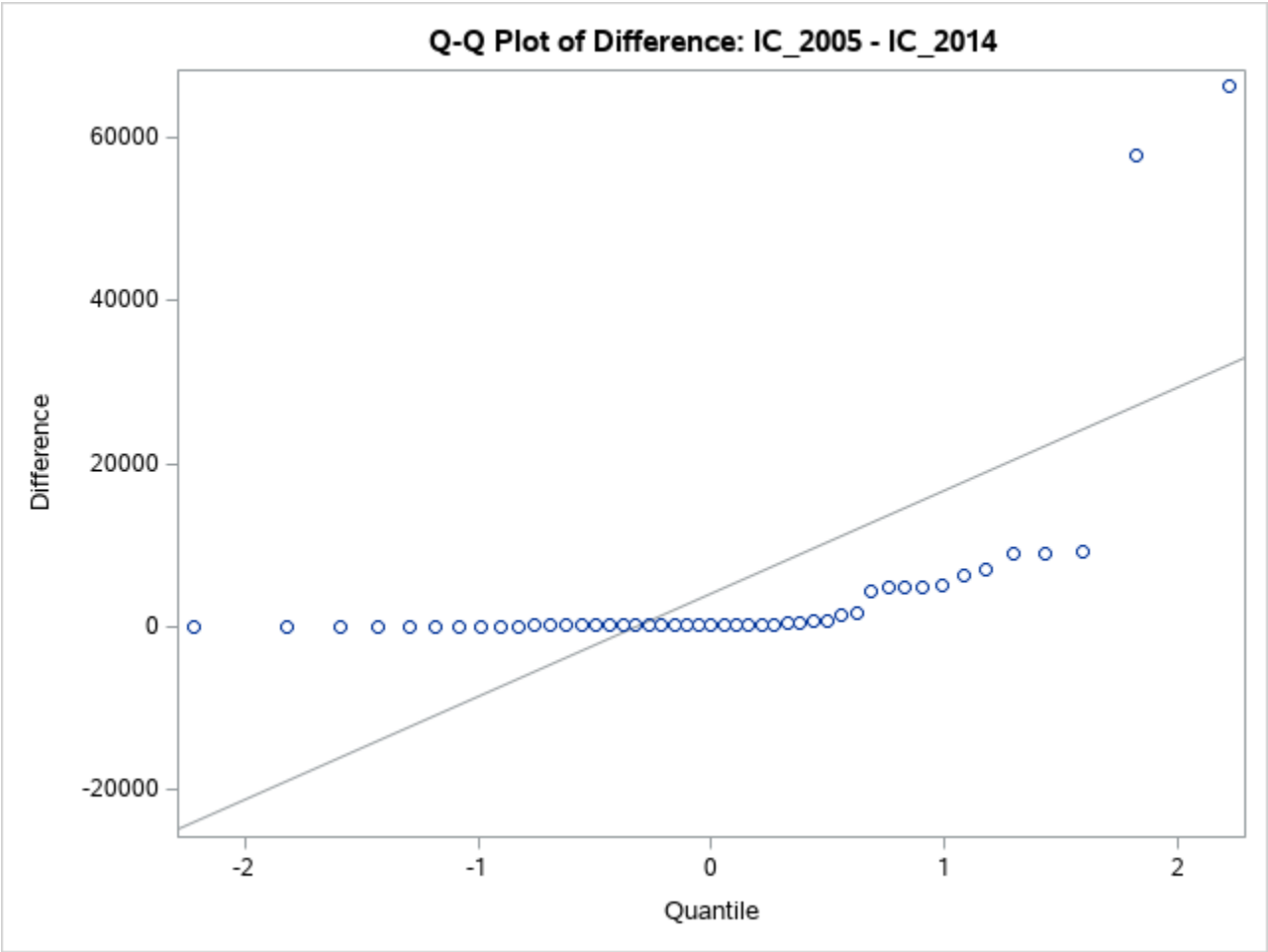
Mean	95% CL Mean	Std Dev	95% CL Std Dev
4179.1	459.6 7898.6	12668.1	10526.9 15911.0

DF	t Value	Pr >  t
46	2.26	0.0285









Paired t-test Domestic

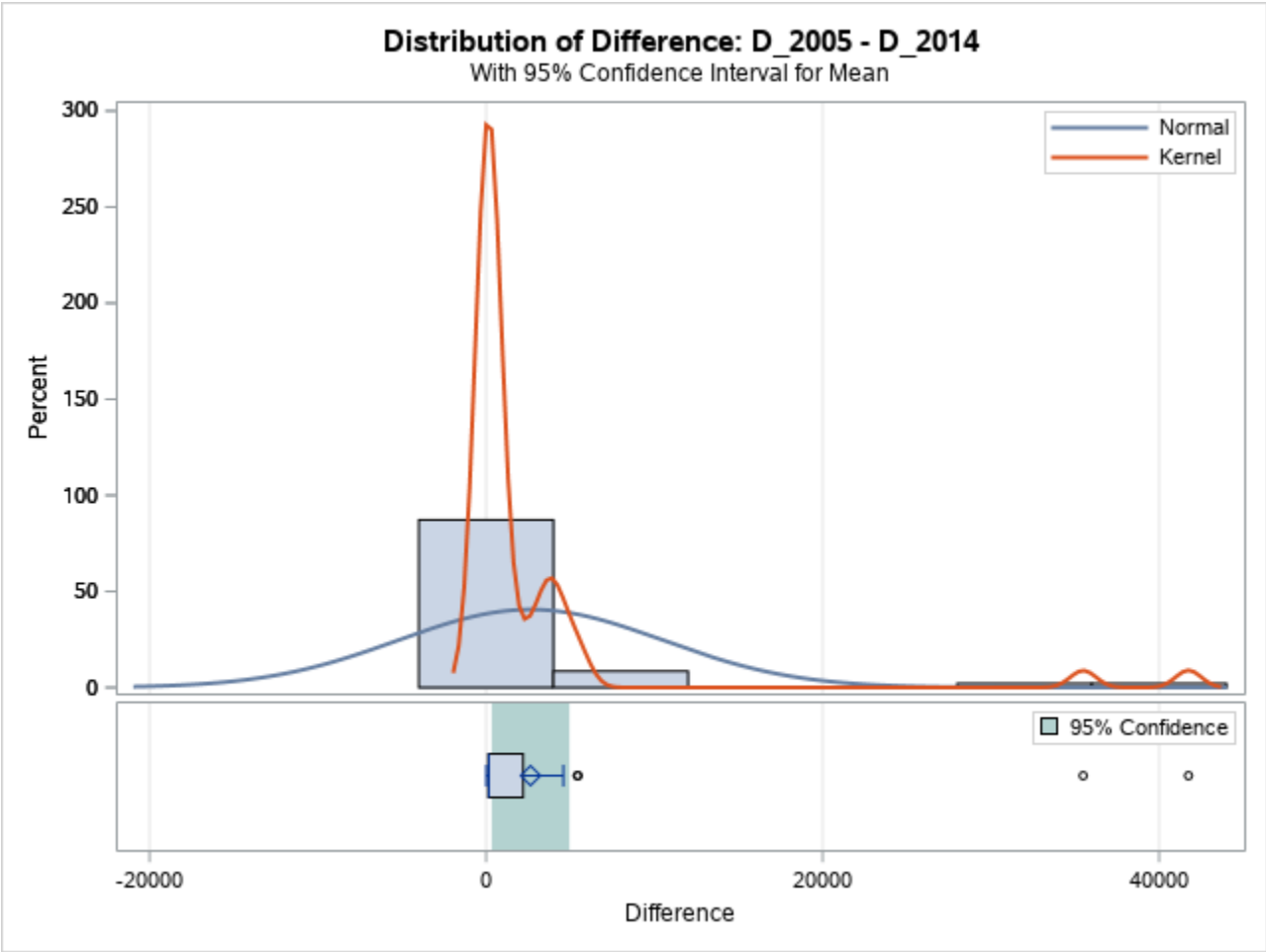
The TTEST Procedure

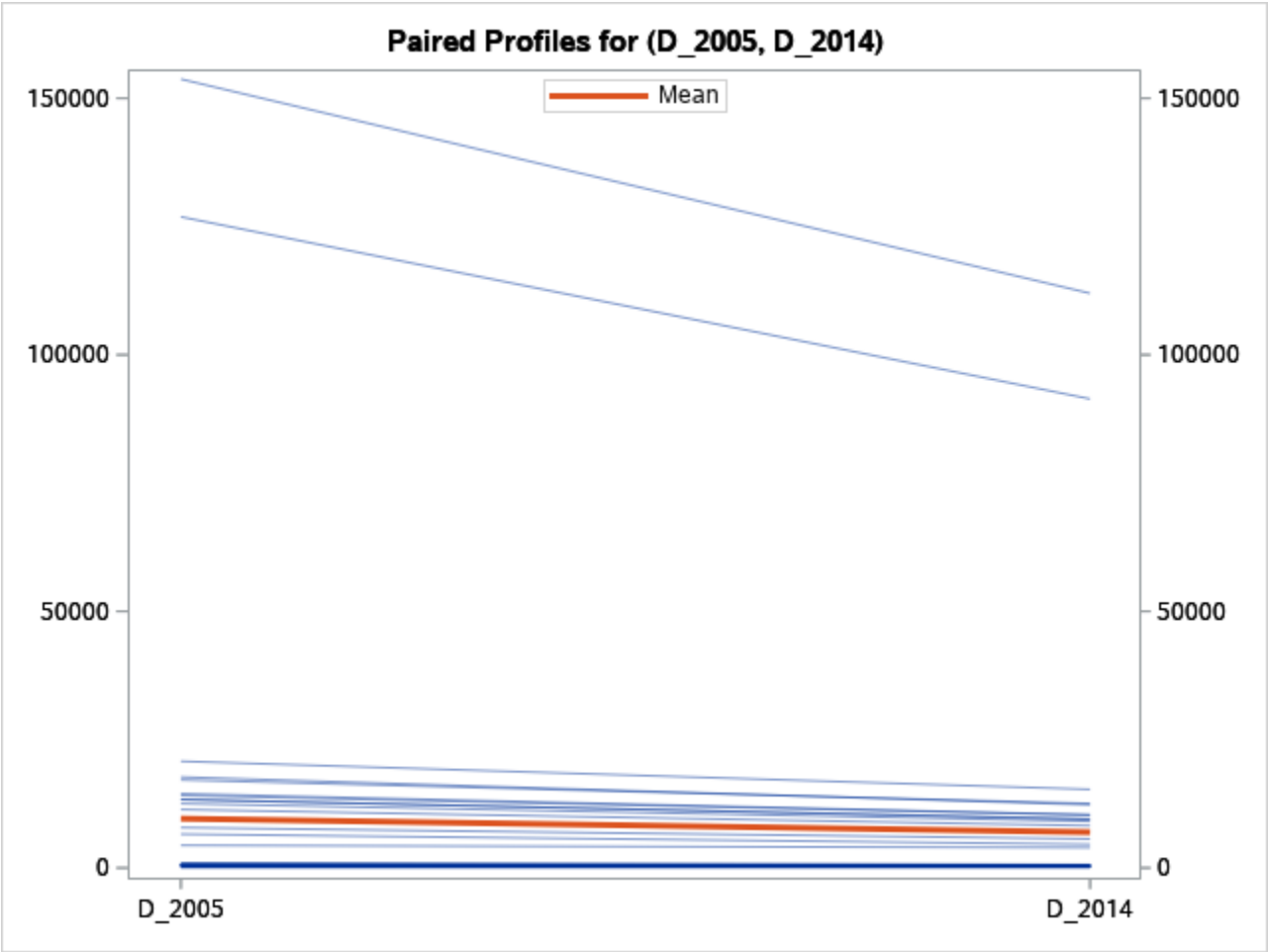
Difference: D\_2005 - D\_2014

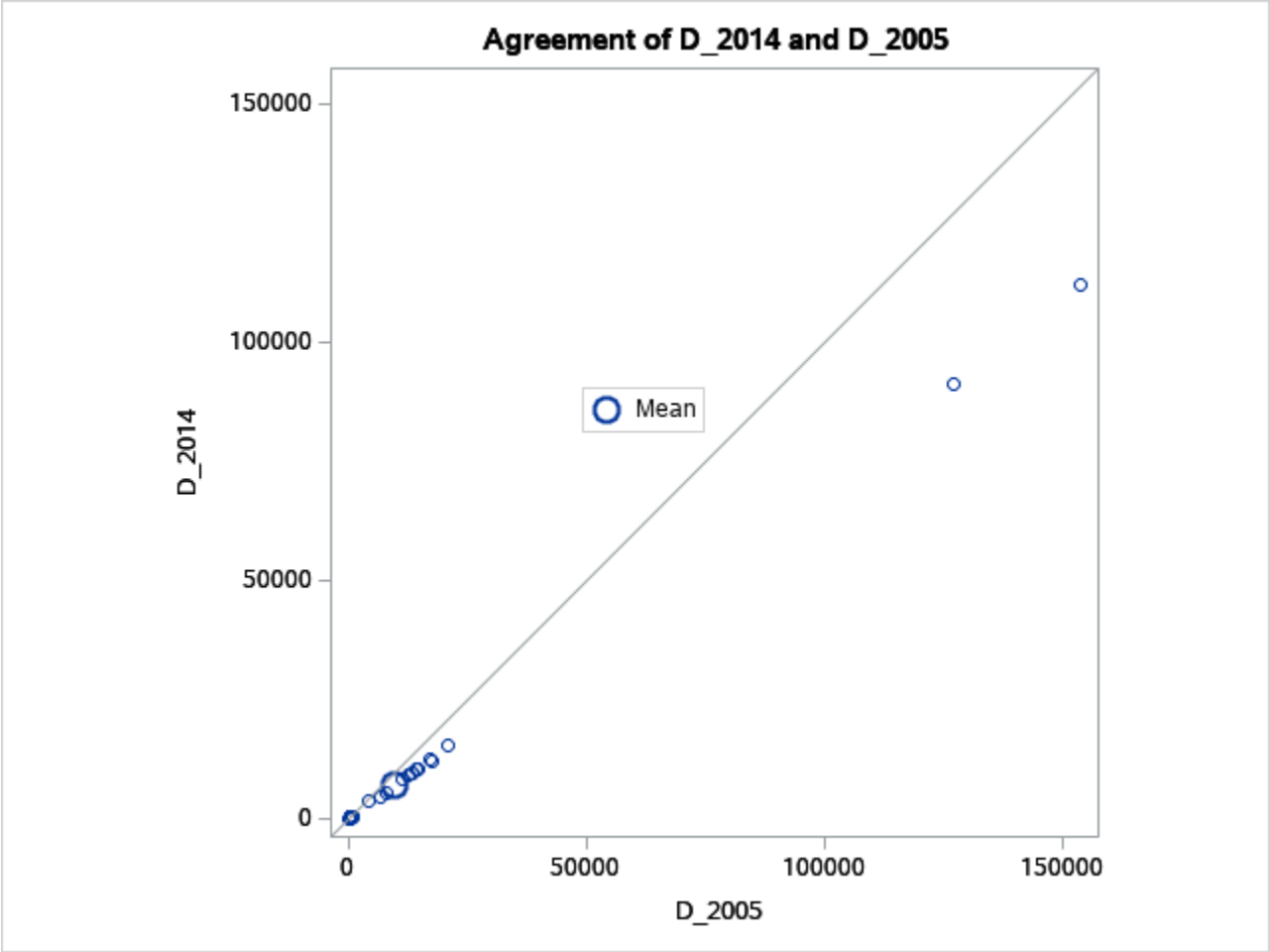
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	2640.0	7866.5	1147.4	3.8000	41743.6

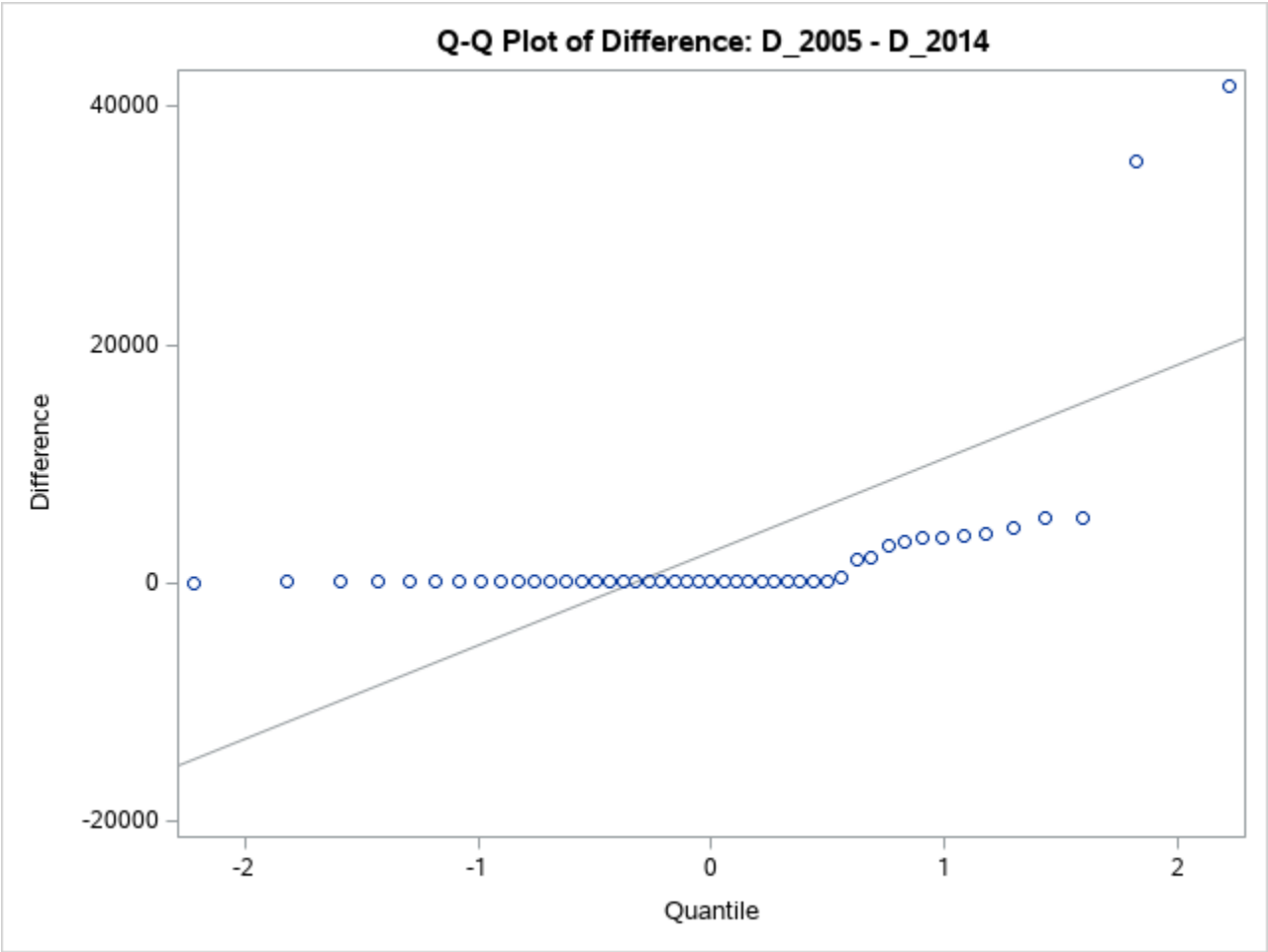
Mean	95% CL Mean	Std Dev	95% CL Std Dev
2640.0	330.3 4949.7	7866.5	6536.8 9880.2

DF	t Value	Pr >  t
46	2.30	0.0260









Paired t-test Transport

The TTEST Procedure

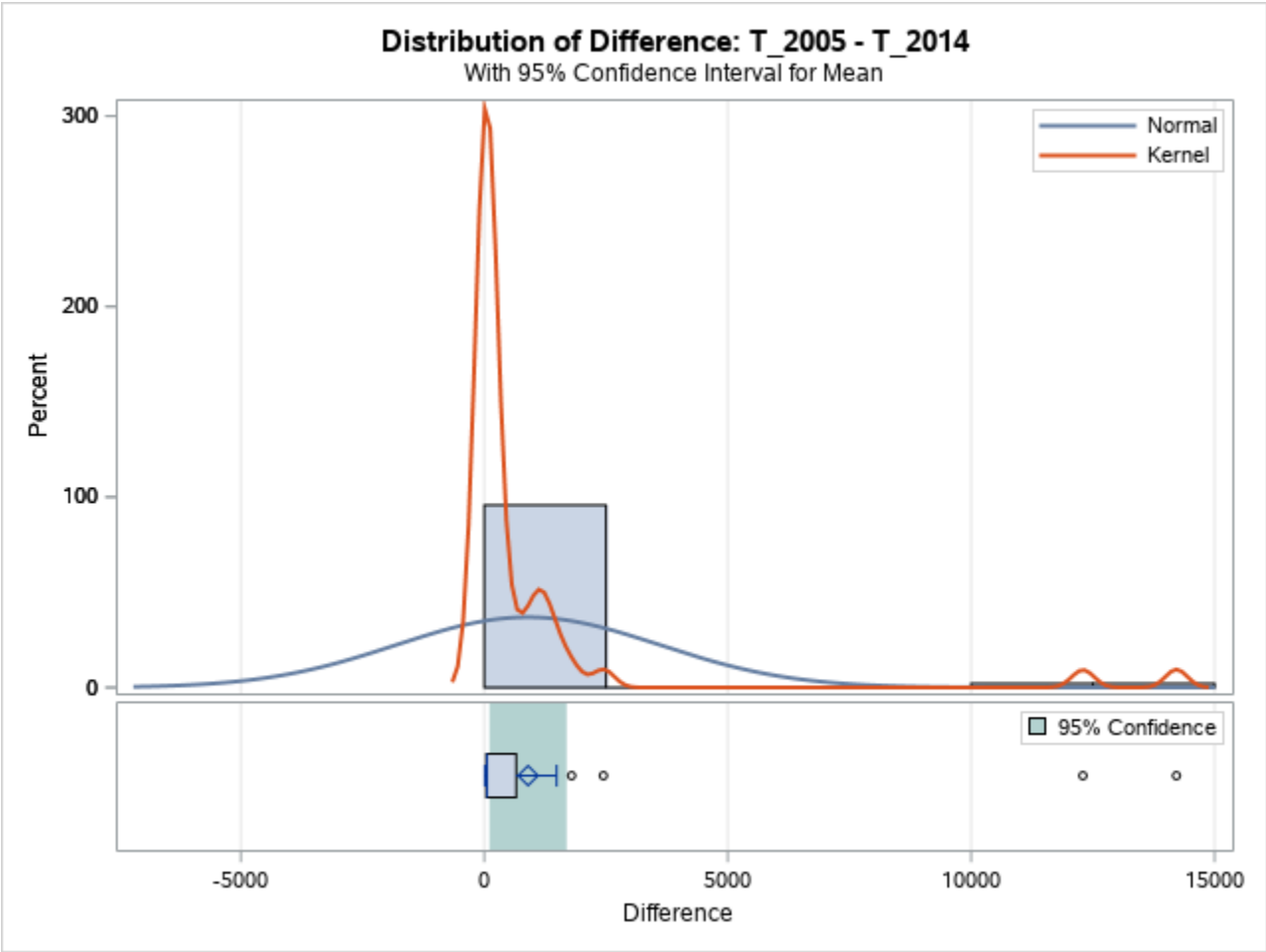
Difference: T\_2005 - T\_2014

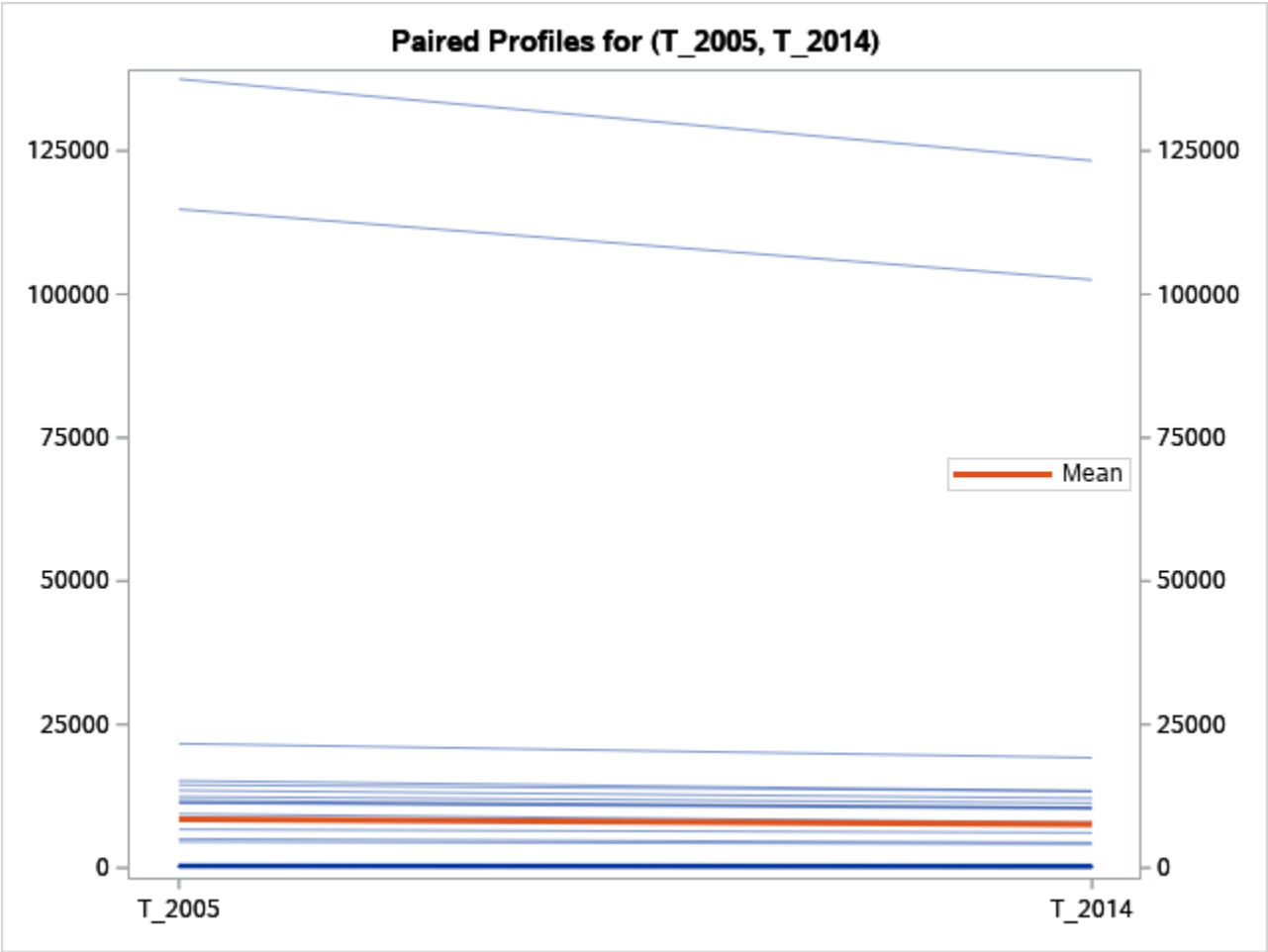
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	898.2	2701.5	394.1	10.3000	14216.4

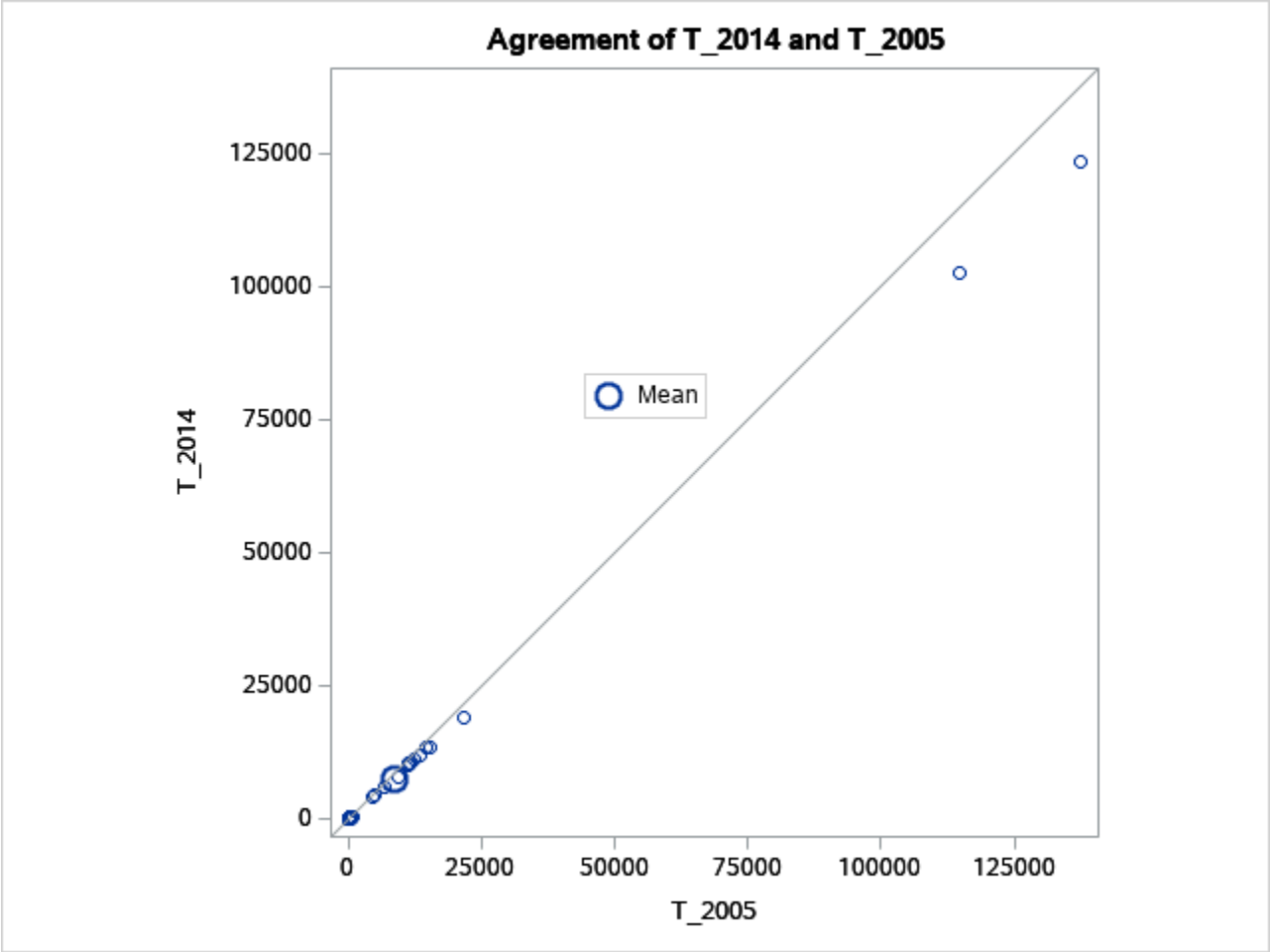
Mean	95% CL Mean	Std Dev	95% CL Std Dev
898.2	105.0 1691.4	2701.5	2244.9 3393.1

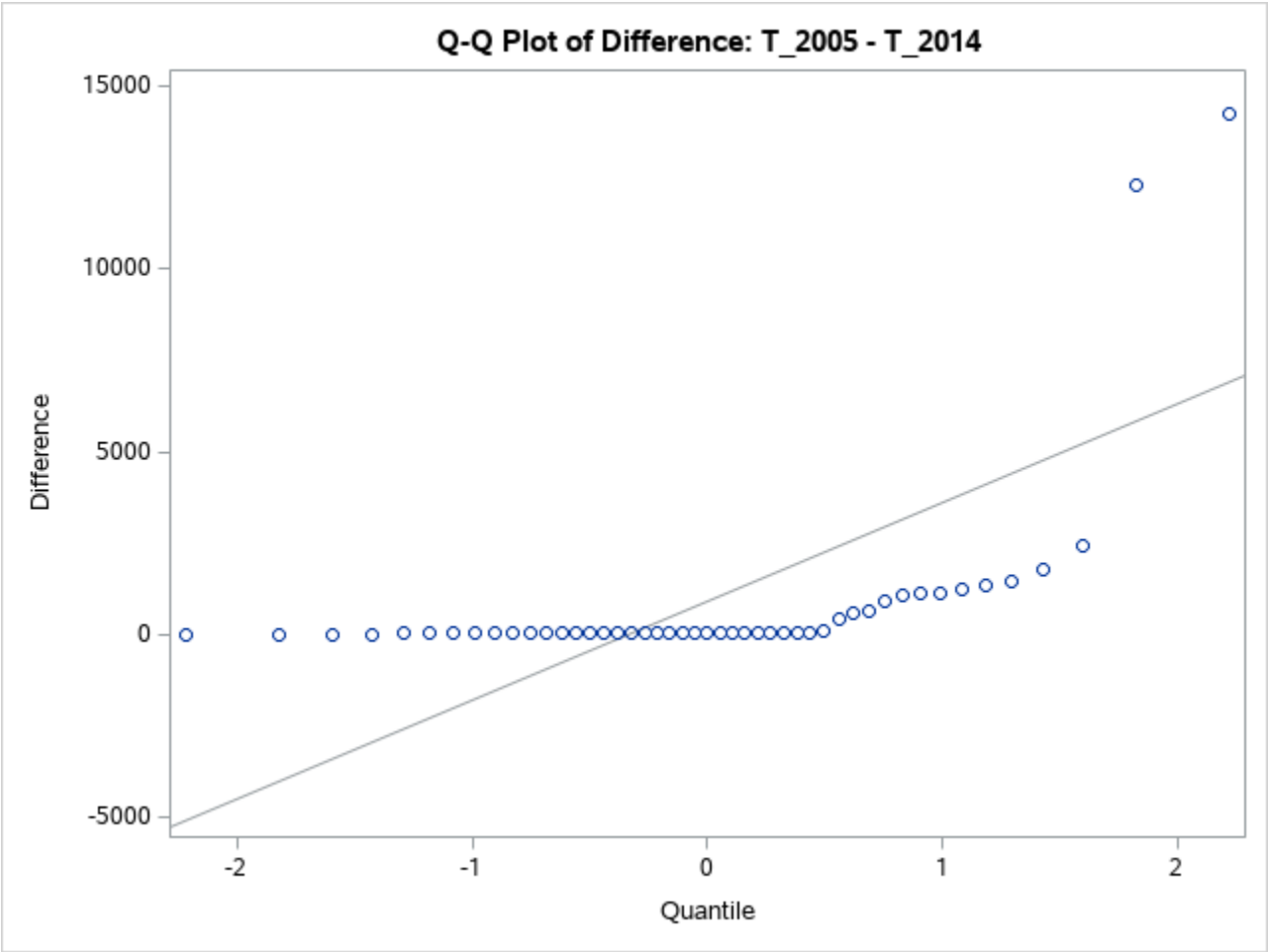
DF	t Value	Pr >  t
46	2.28	0.0273











**Paired t-test Transport**

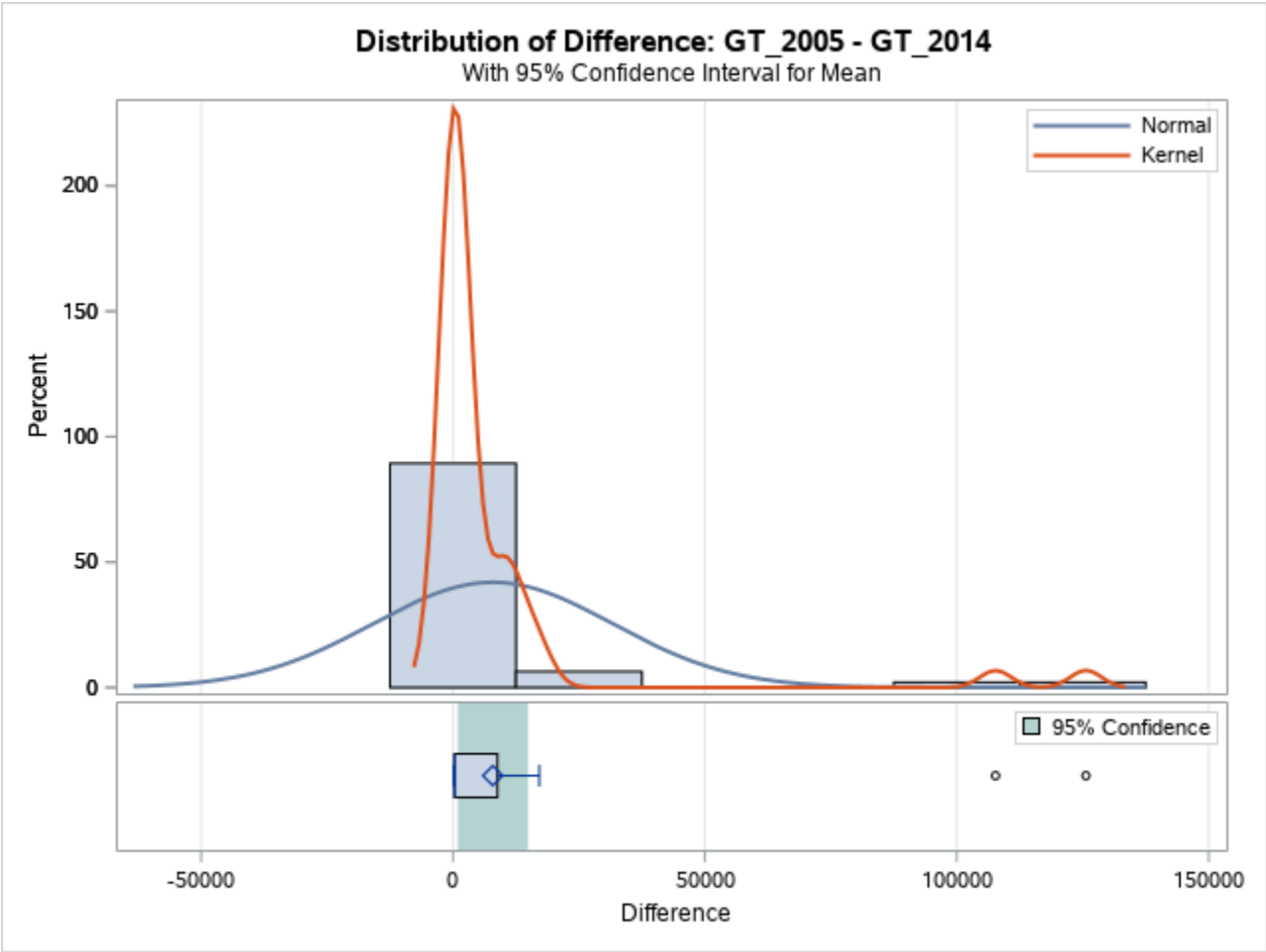
The TTEST Procedure

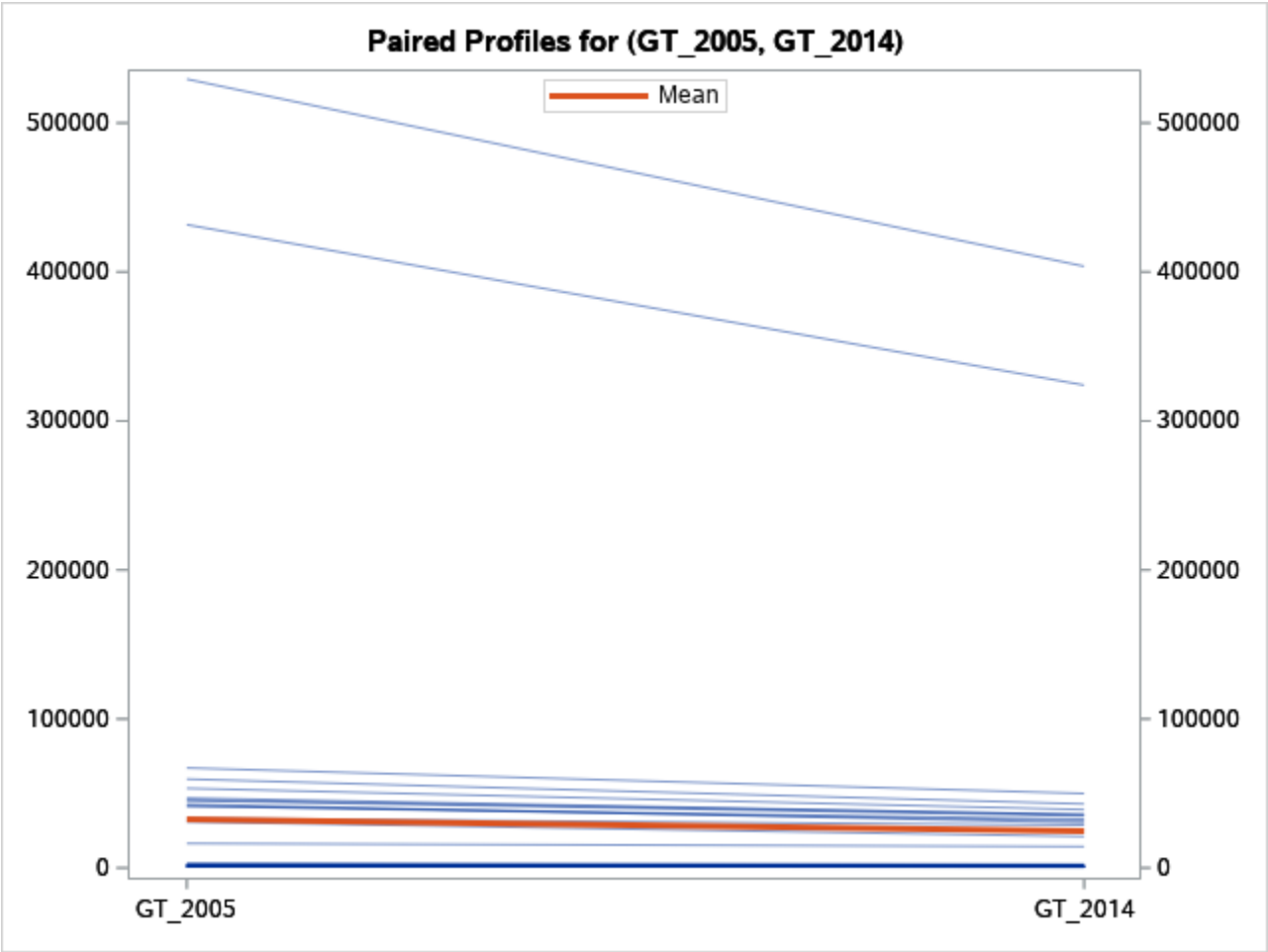
Difference: GT\_2005 - GT\_2014

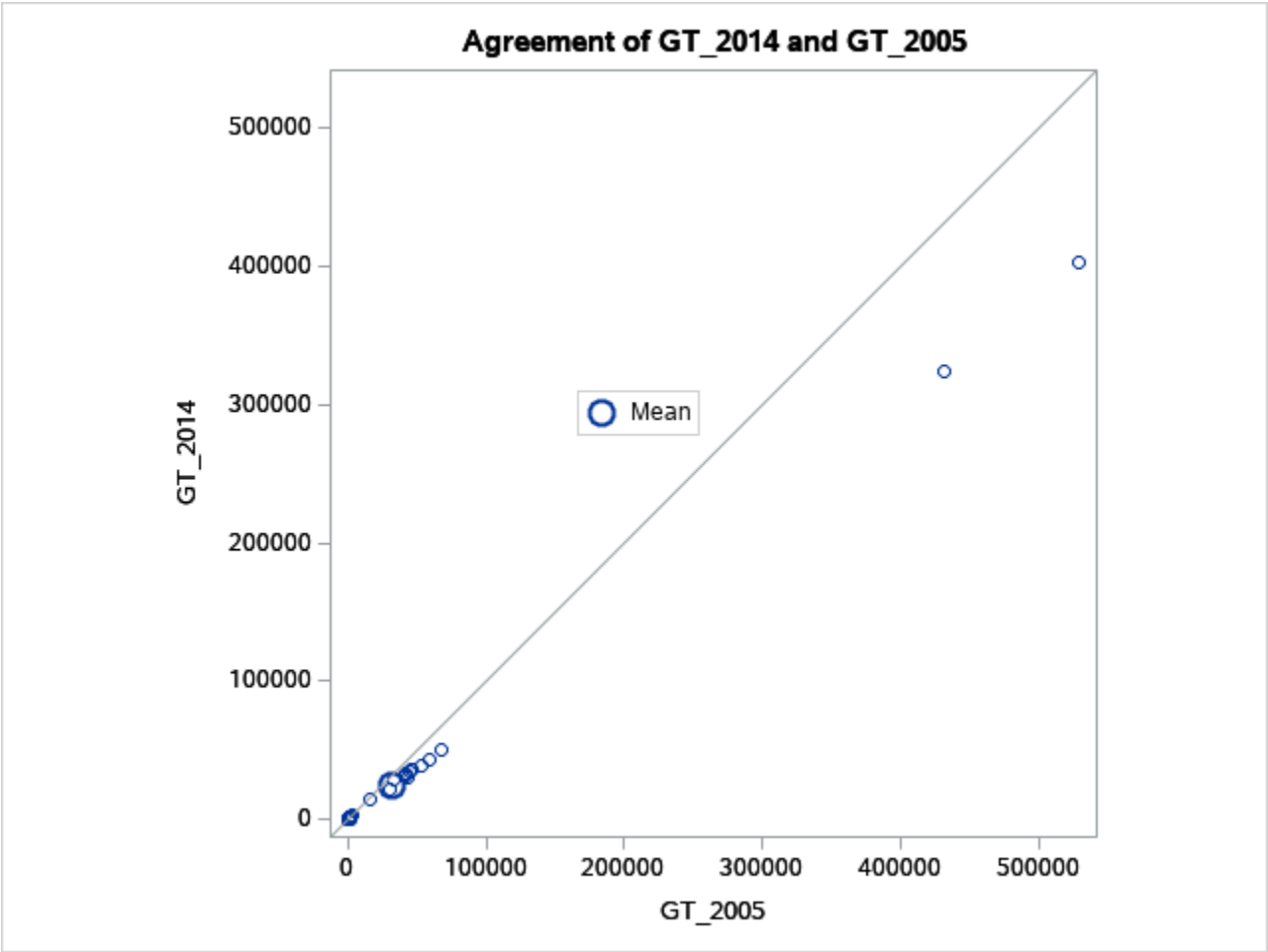
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	7899.9	23778.9	3468.5	102.7	125647

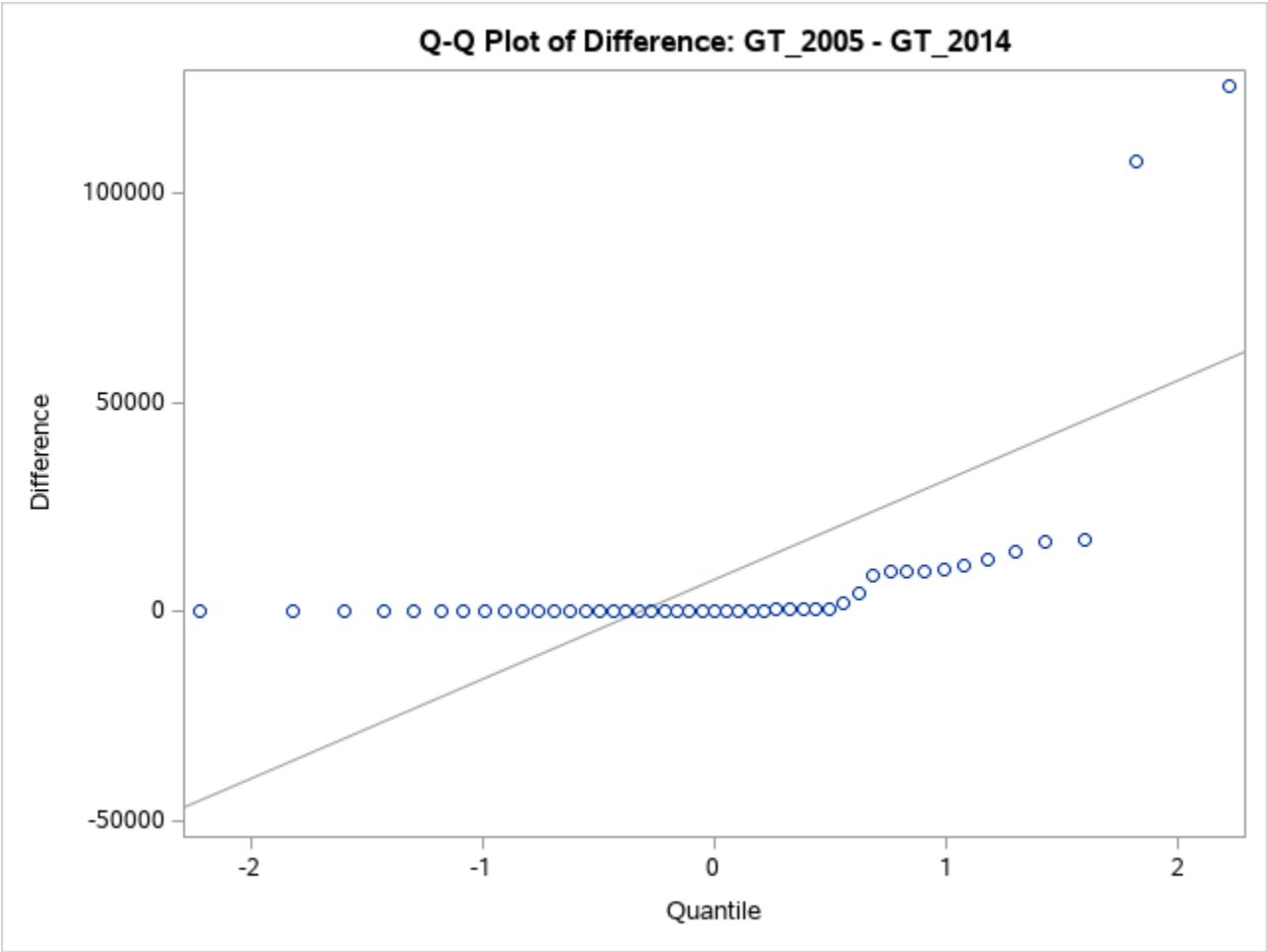
Mean	95% CL Mean	Std Dev	95% CL Std Dev
7899.9	918.2	14881.7	23778.9

DF	t Value	Pr >  t
46	2.28	0.0274









**Paired t-test Industry and Commercial**

The TTEST Procedure

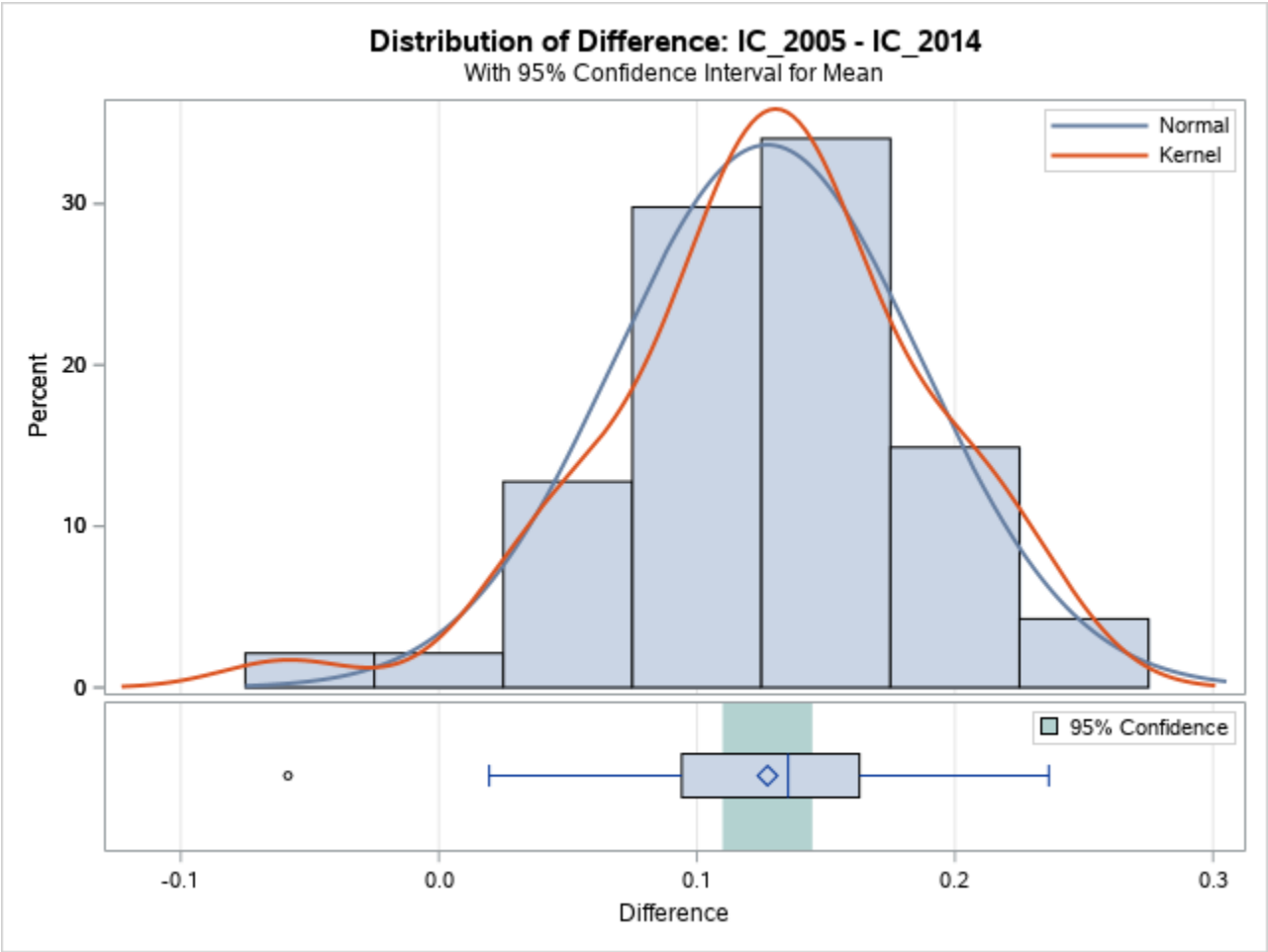
Difference: IC\_2005 - IC\_2014

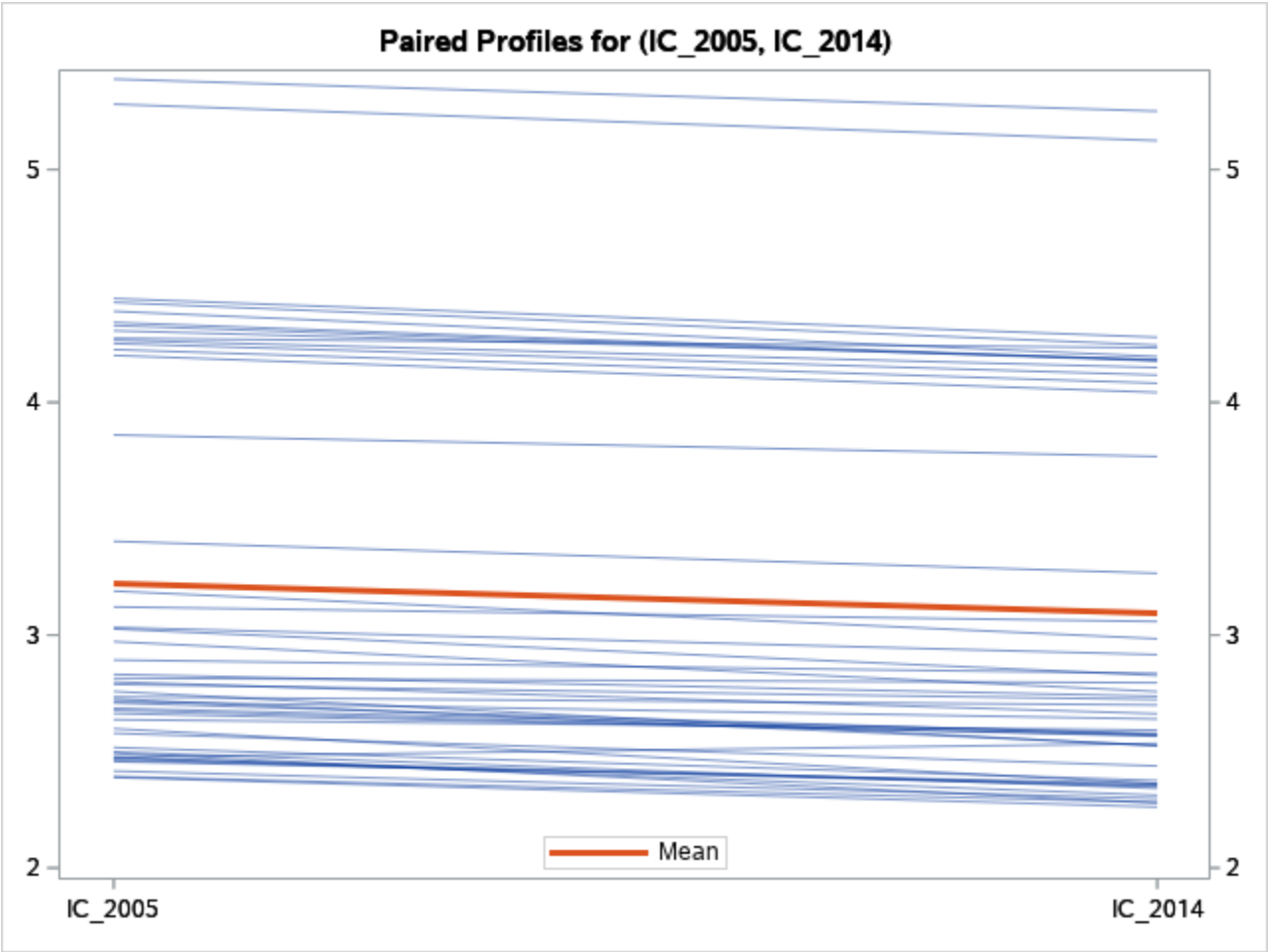
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	0.1274	0.0593	0.00865	-0.0584	0.2364

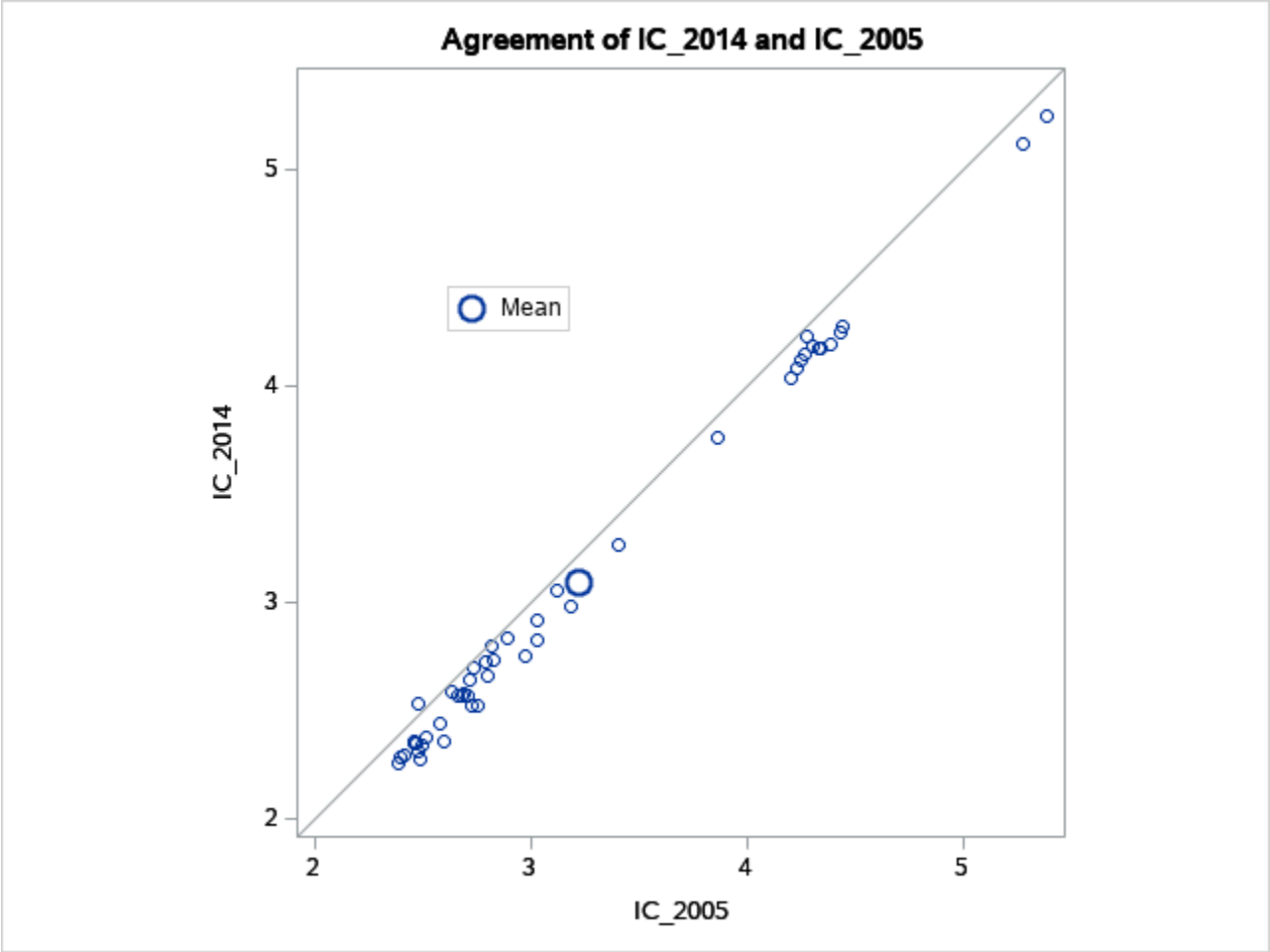
Mean	95% CL Mean	Std Dev	95% CL Std Dev
0.1274	0.1100 0.1448	0.0593	0.0493 0.0745

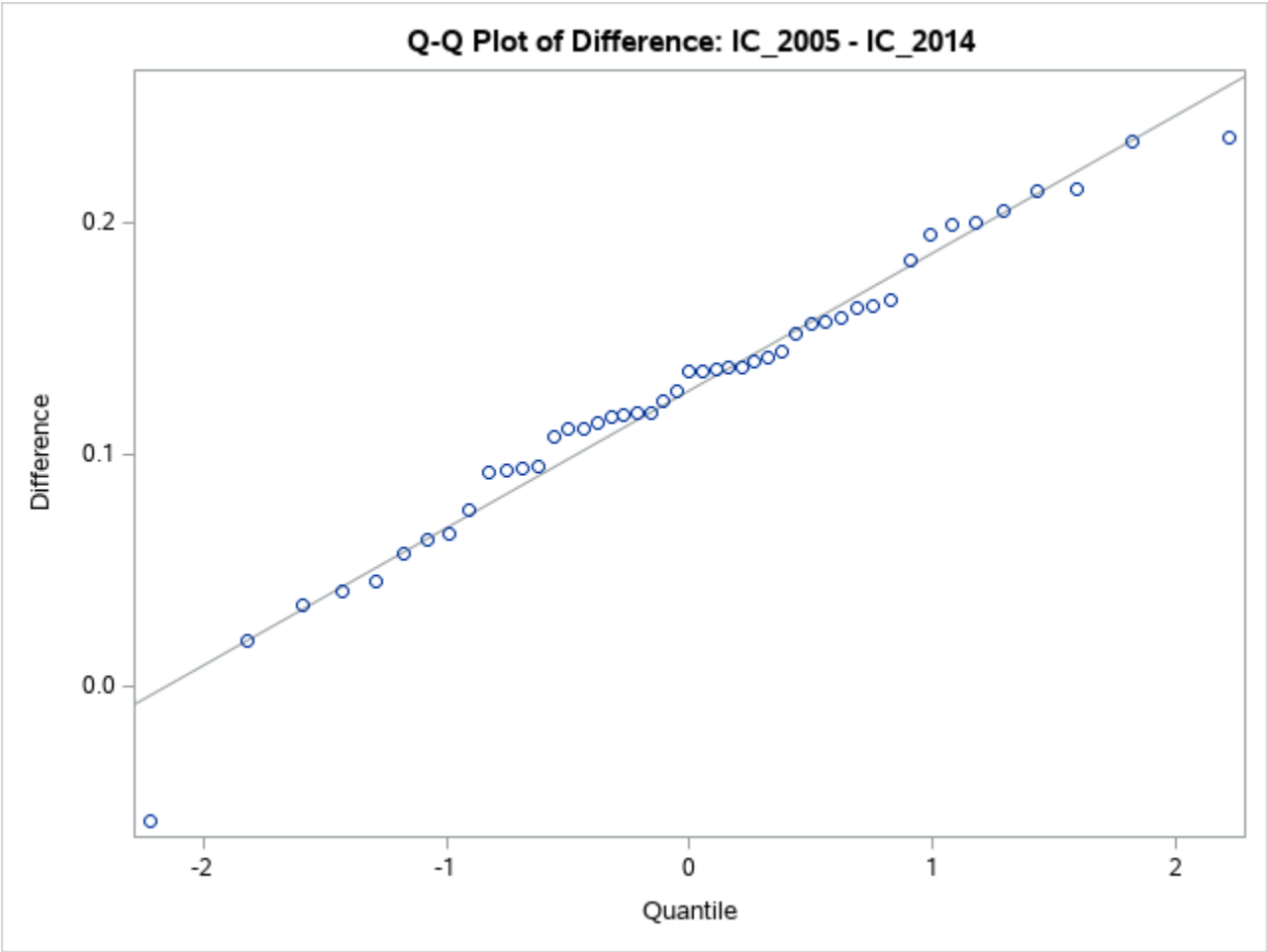
DF	t Value	Pr >  t
46	14.73	<.0001











**Paired t-test Domestic**

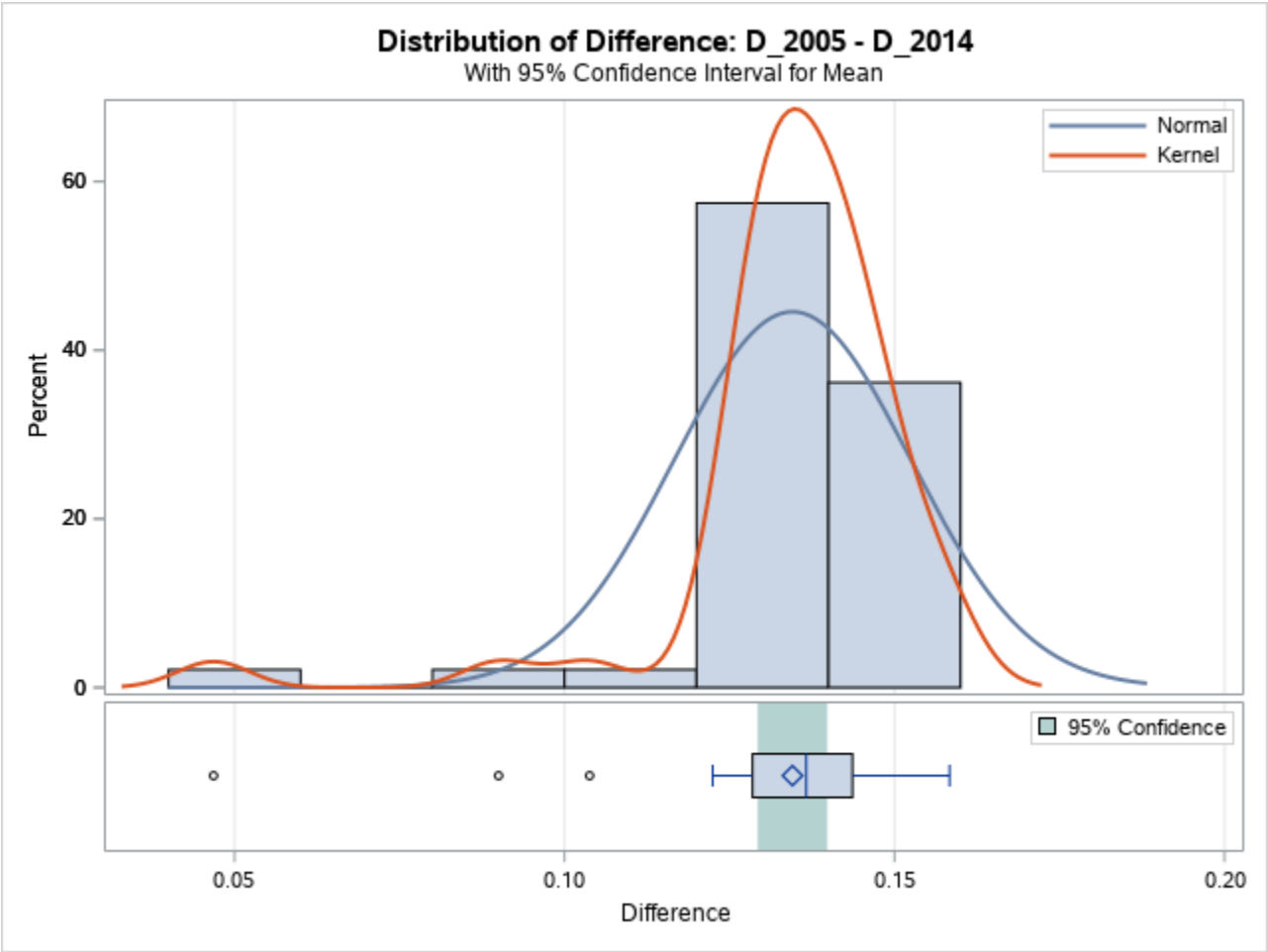
The TTEST Procedure

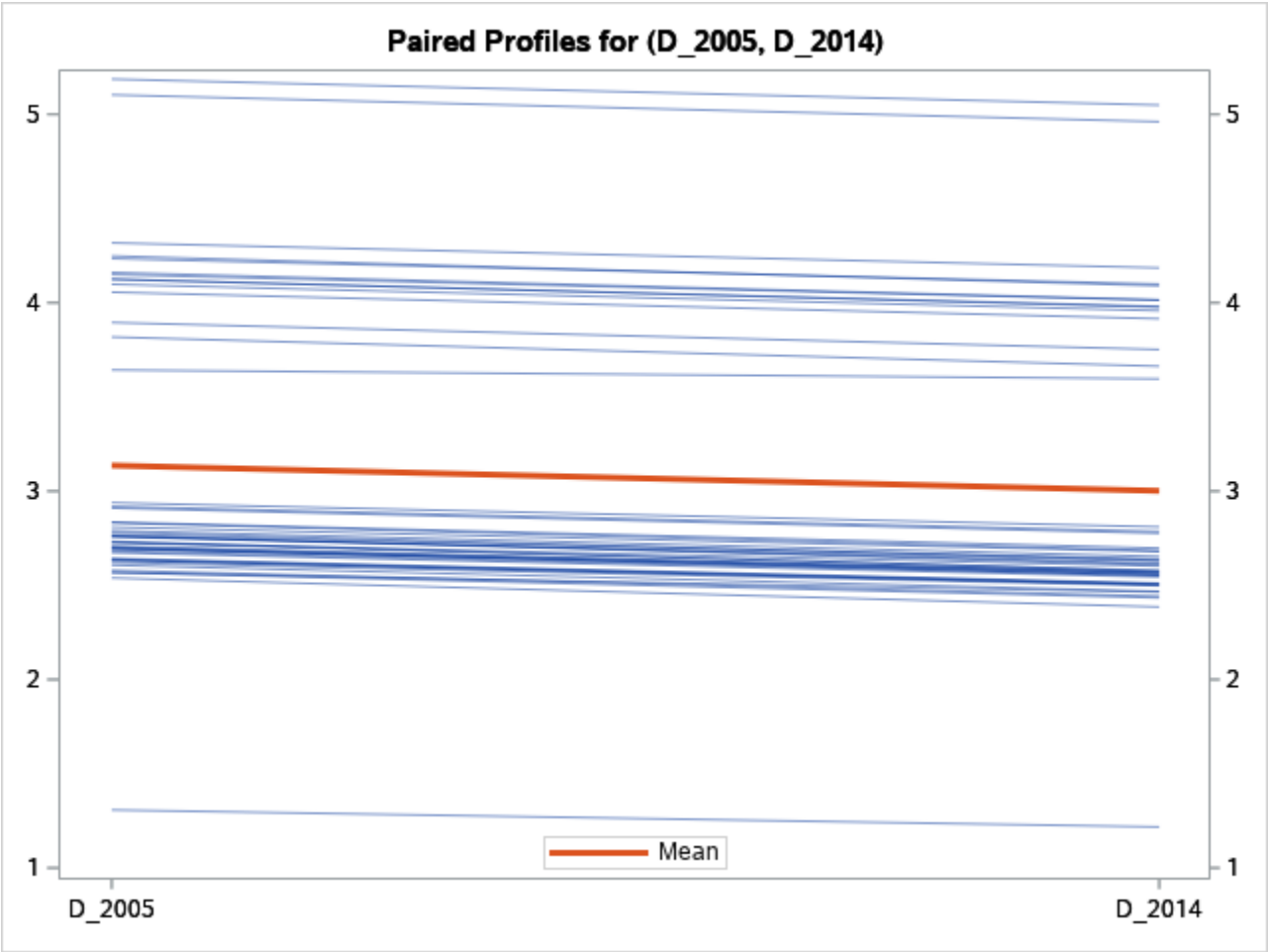
Difference: D\_2005 - D\_2014

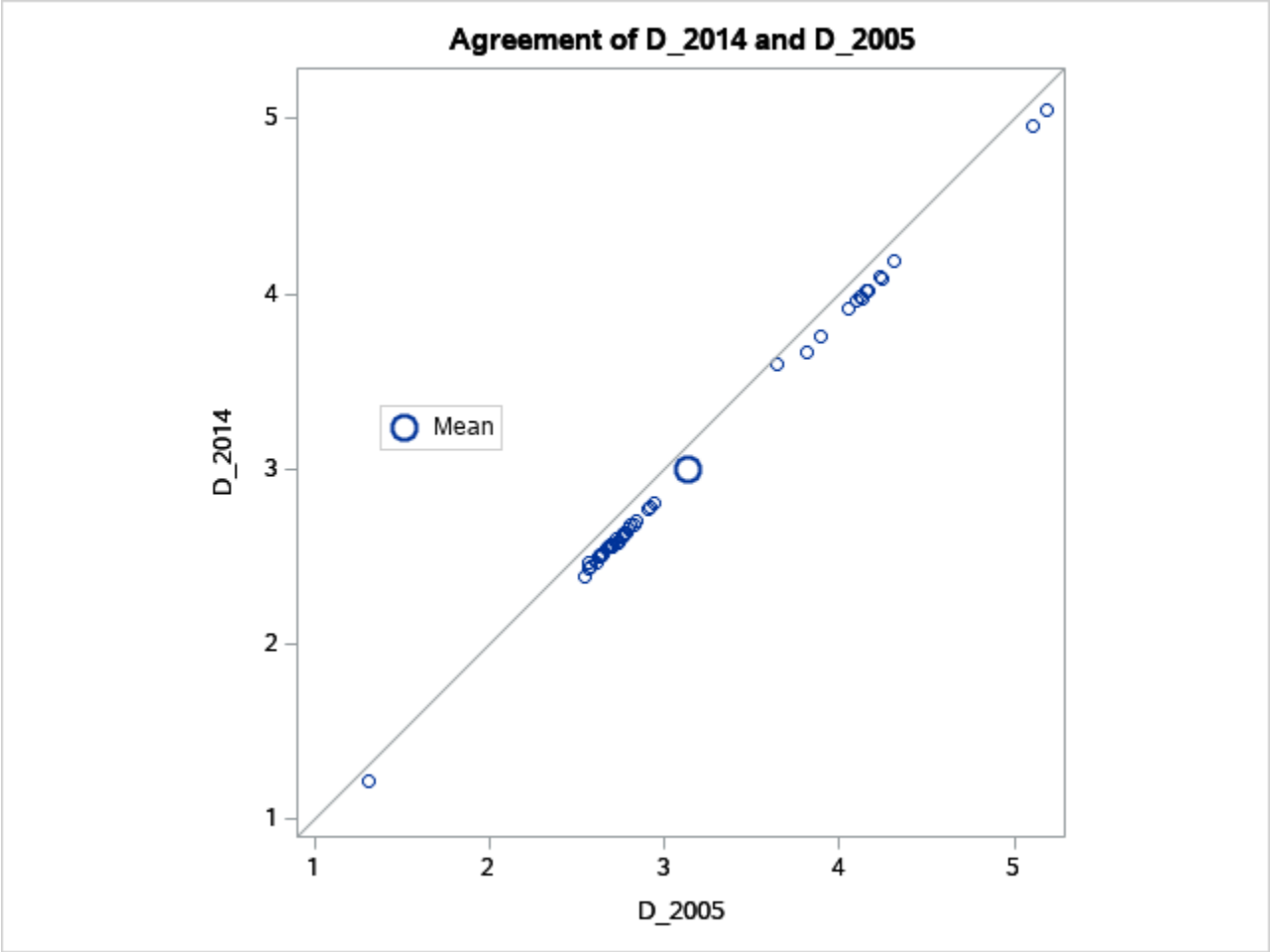
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	0.1345	0.0179	0.00261	0.0468	0.1583

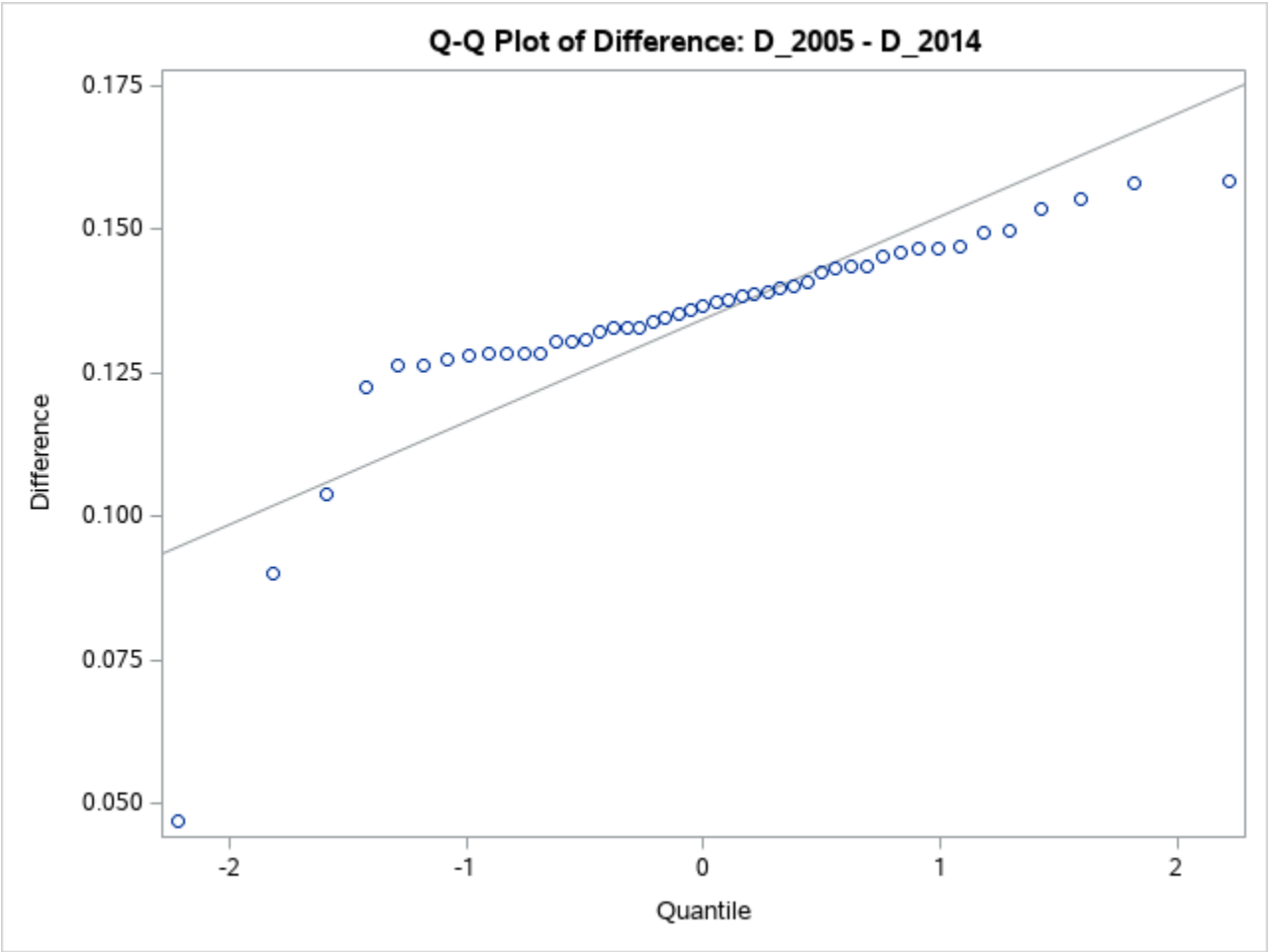
Mean	95% CL Mean	Std Dev	95% CL Std Dev
0.1345	0.1293 0.1398	0.0179	0.0149 0.0225

DF	t Value	Pr >  t
46	51.52	<.0001









**Paired t-test Transport**

The TTEST Procedure

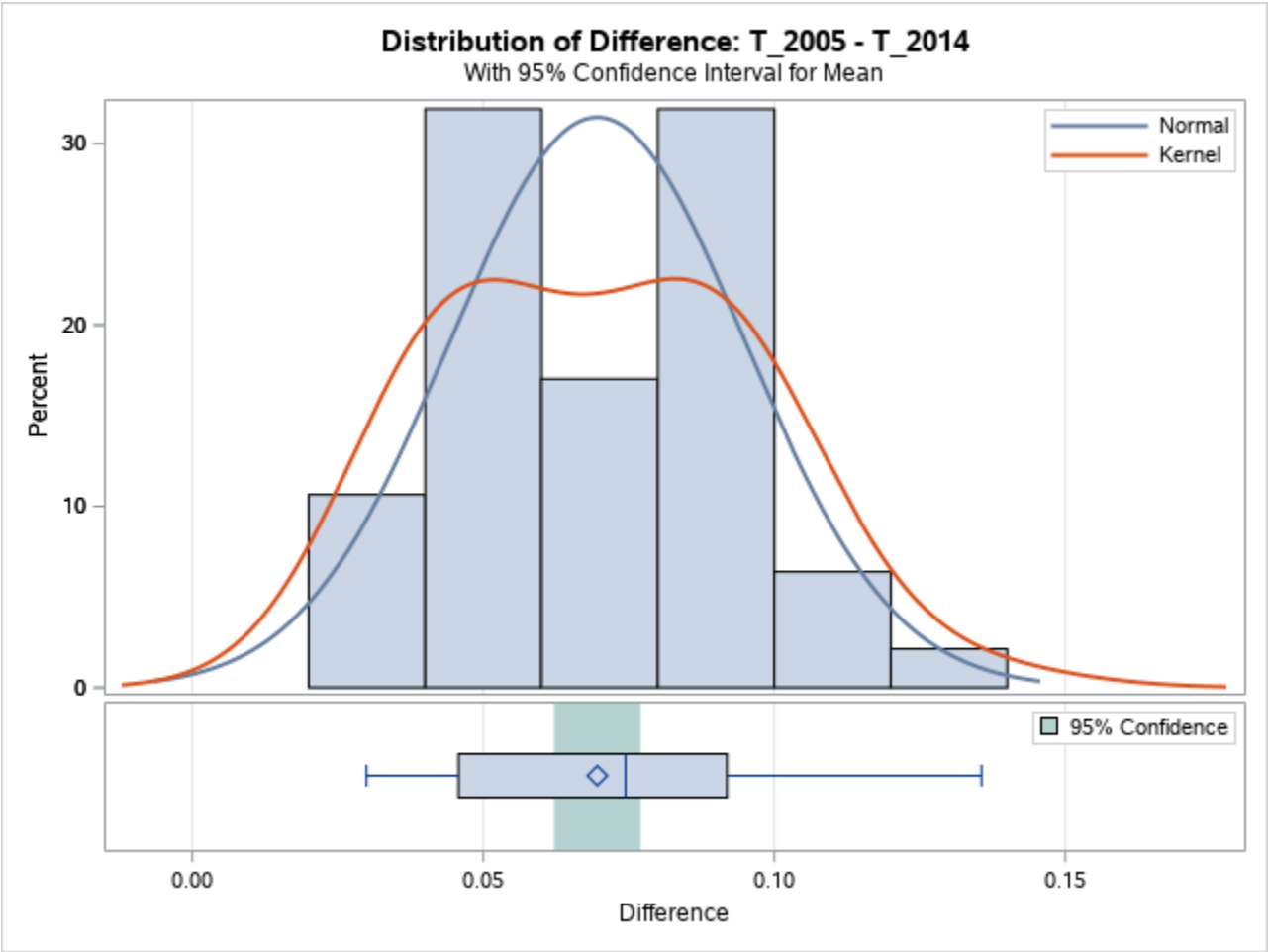
Difference: T\_2005 - T\_2014

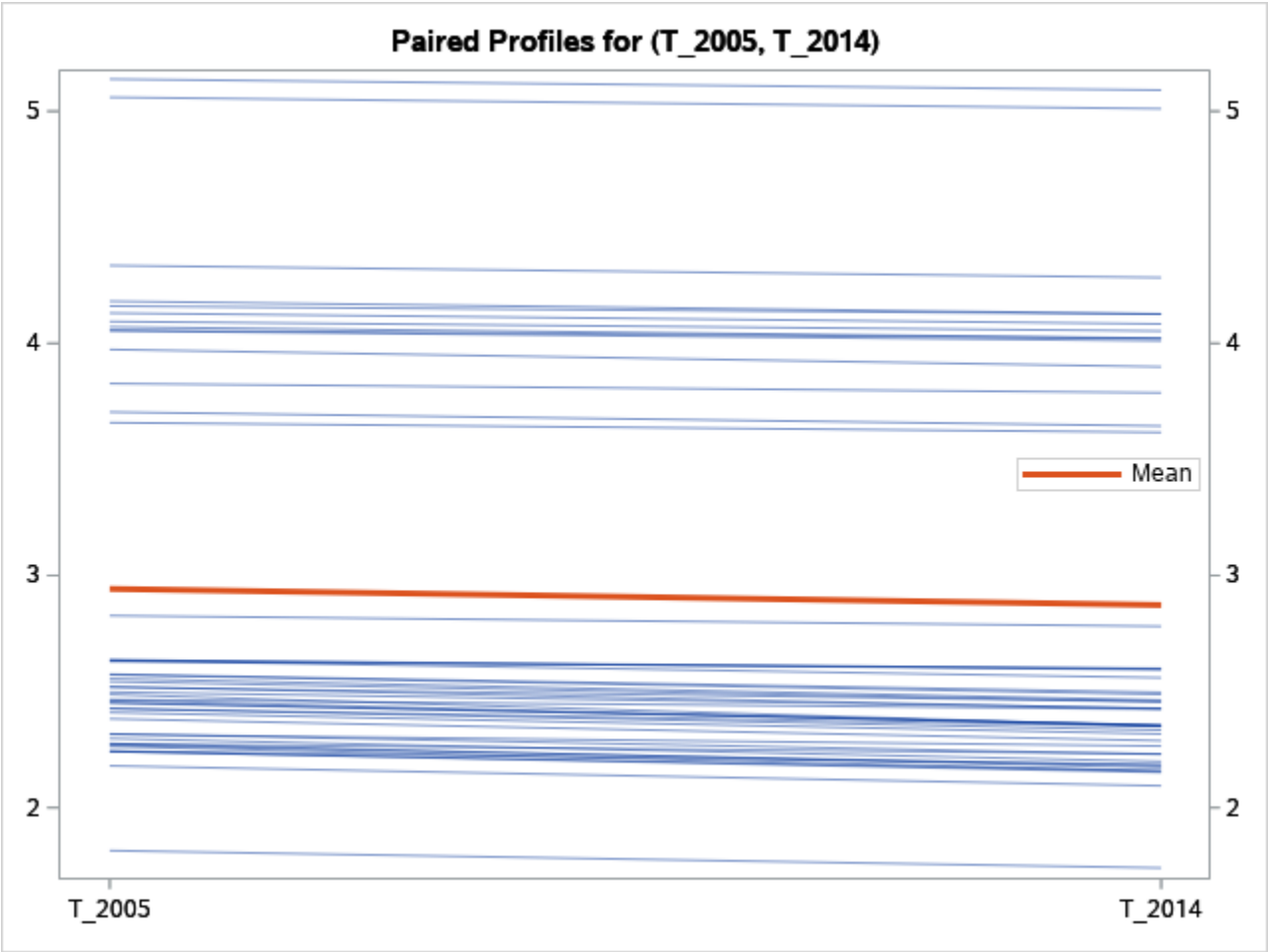
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	0.0696	0.0254	0.00370	0.0299	0.1356

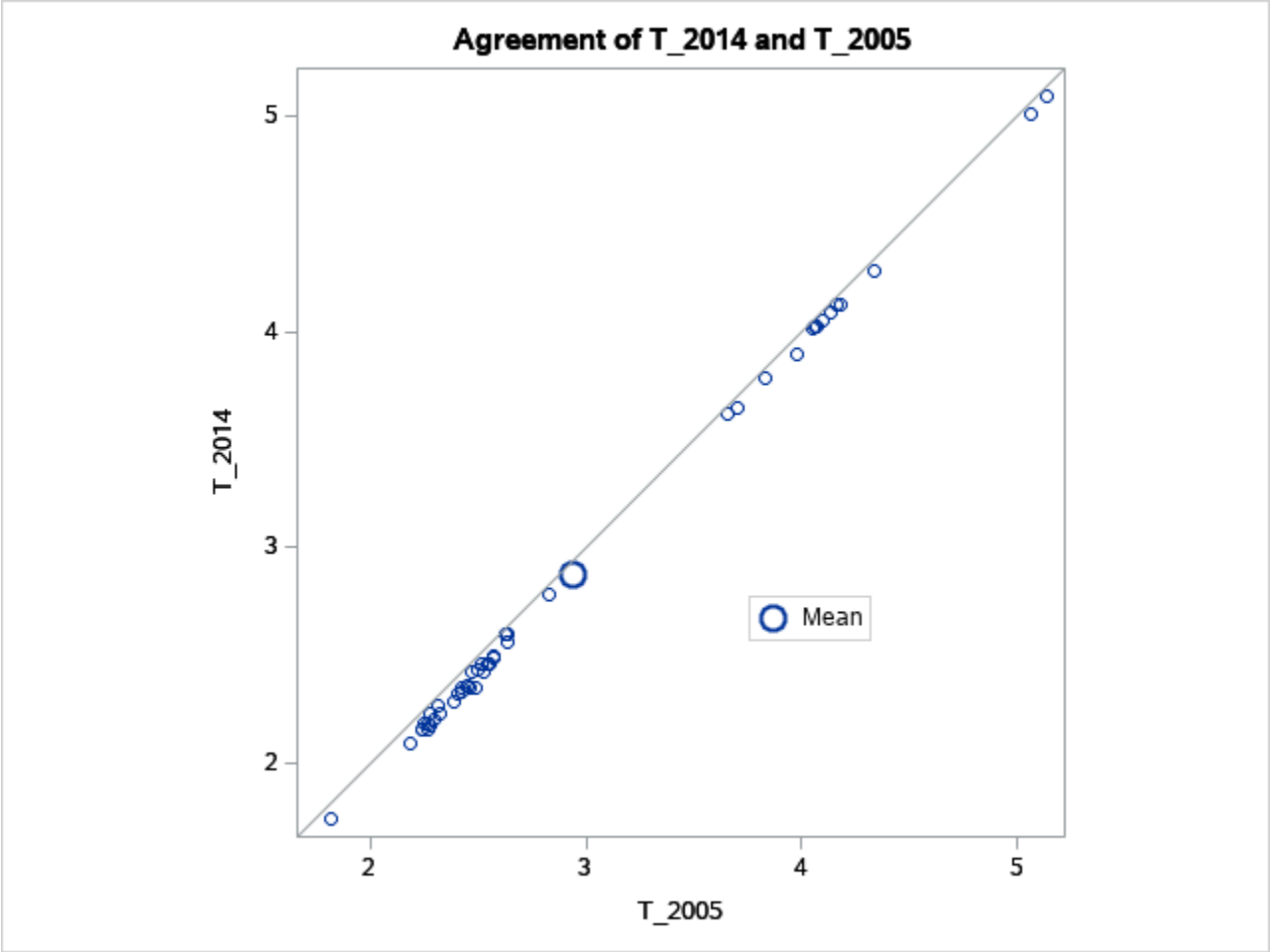
Mean	95% CL Mean	Std Dev	95% CL Std Dev
0.0696	0.0621 0.0770	0.0254	0.0211 0.0319

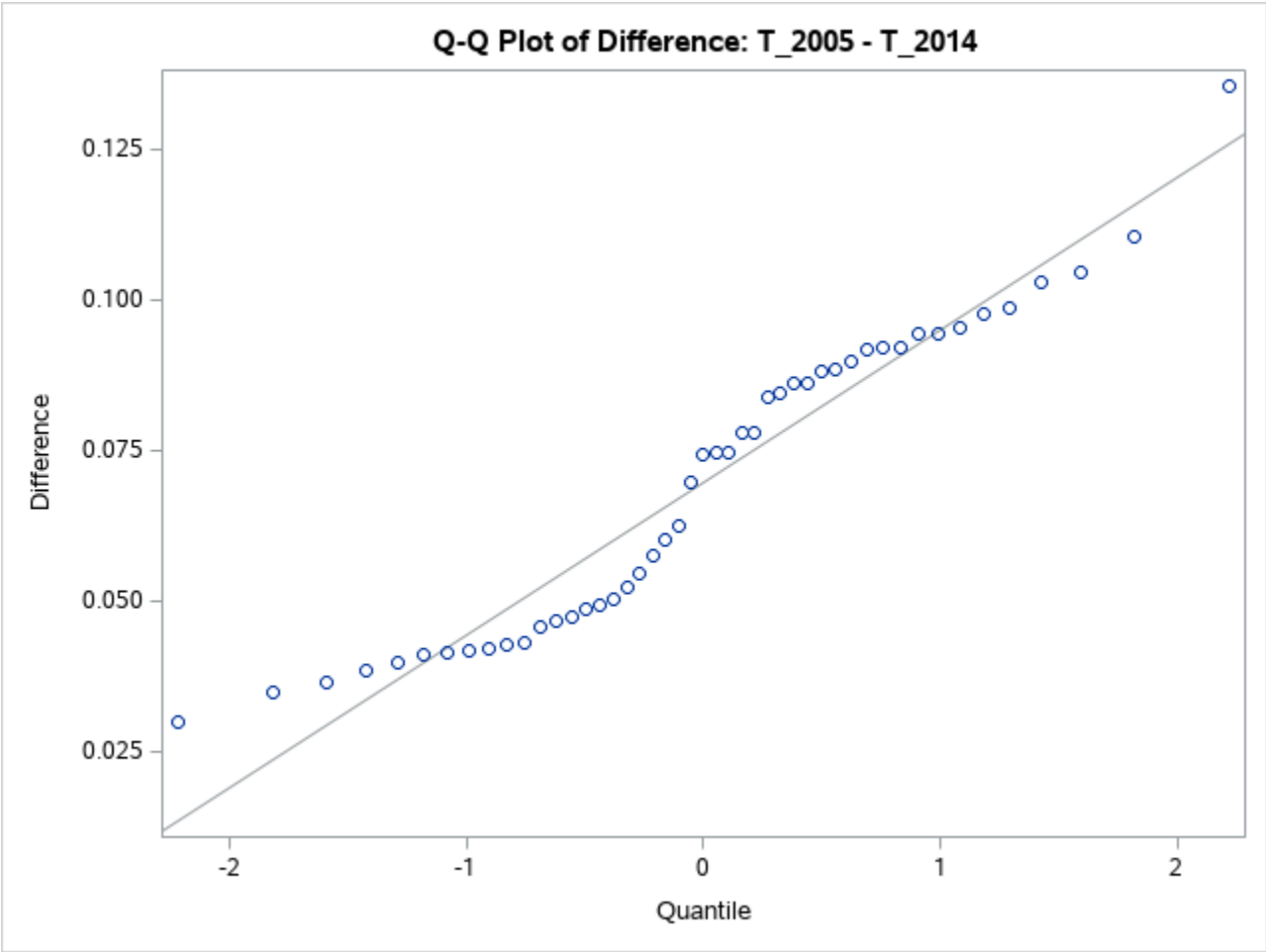
DF	t Value	Pr >  t
46	18.81	<.0001











**Paired t-test Grand Total**

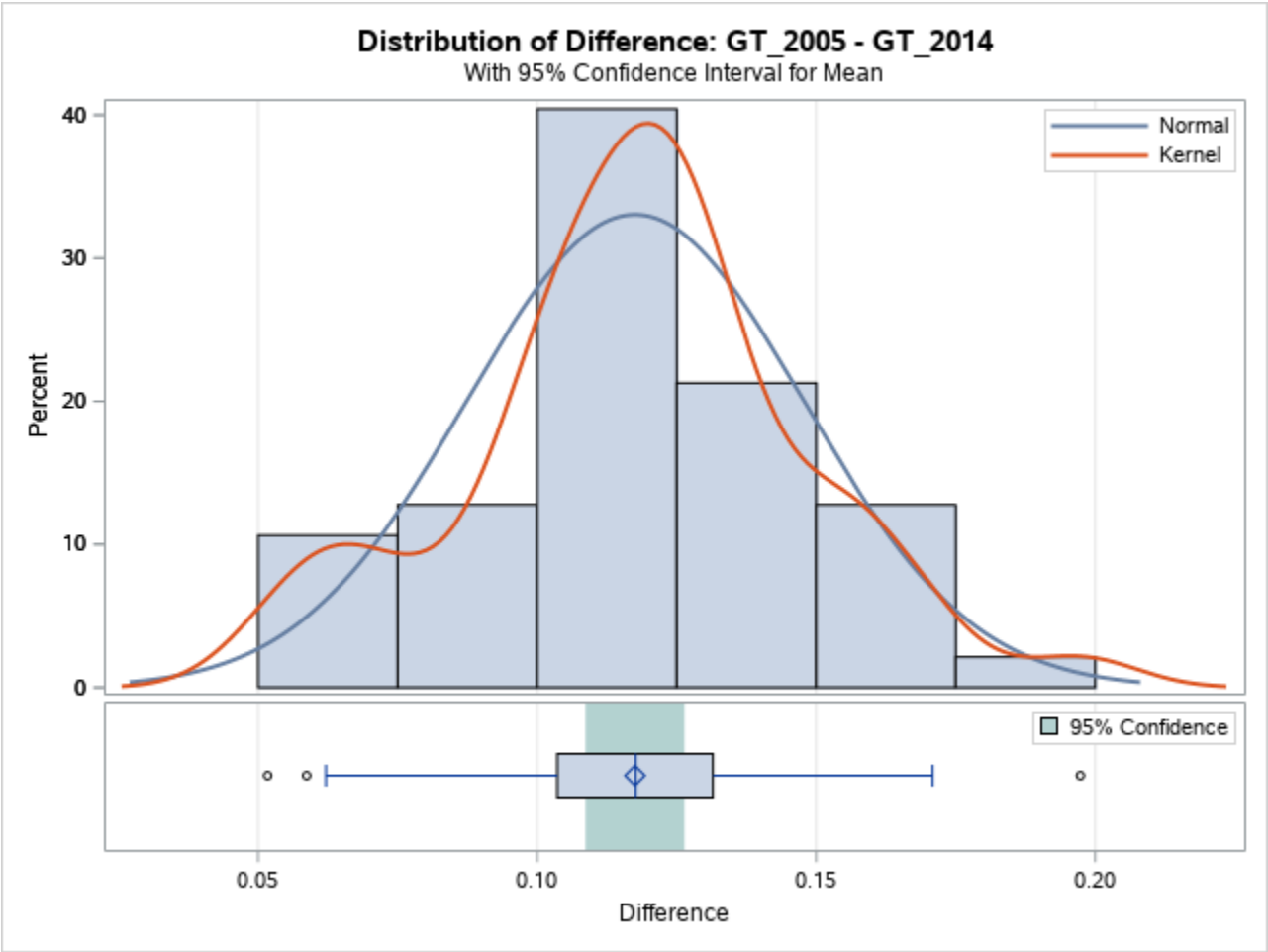
The TTEST Procedure

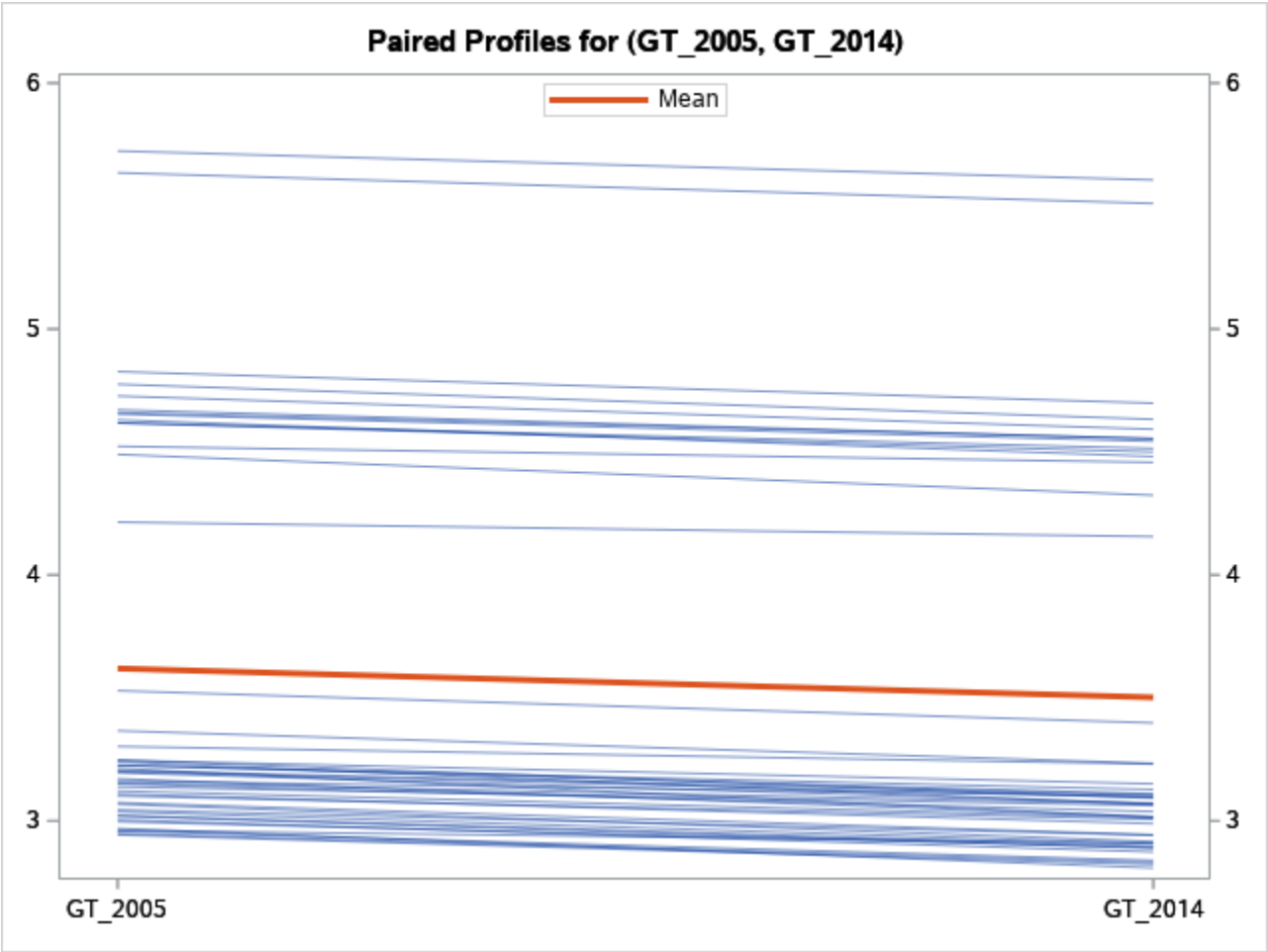
Difference: GT\_2005 - GT\_2014

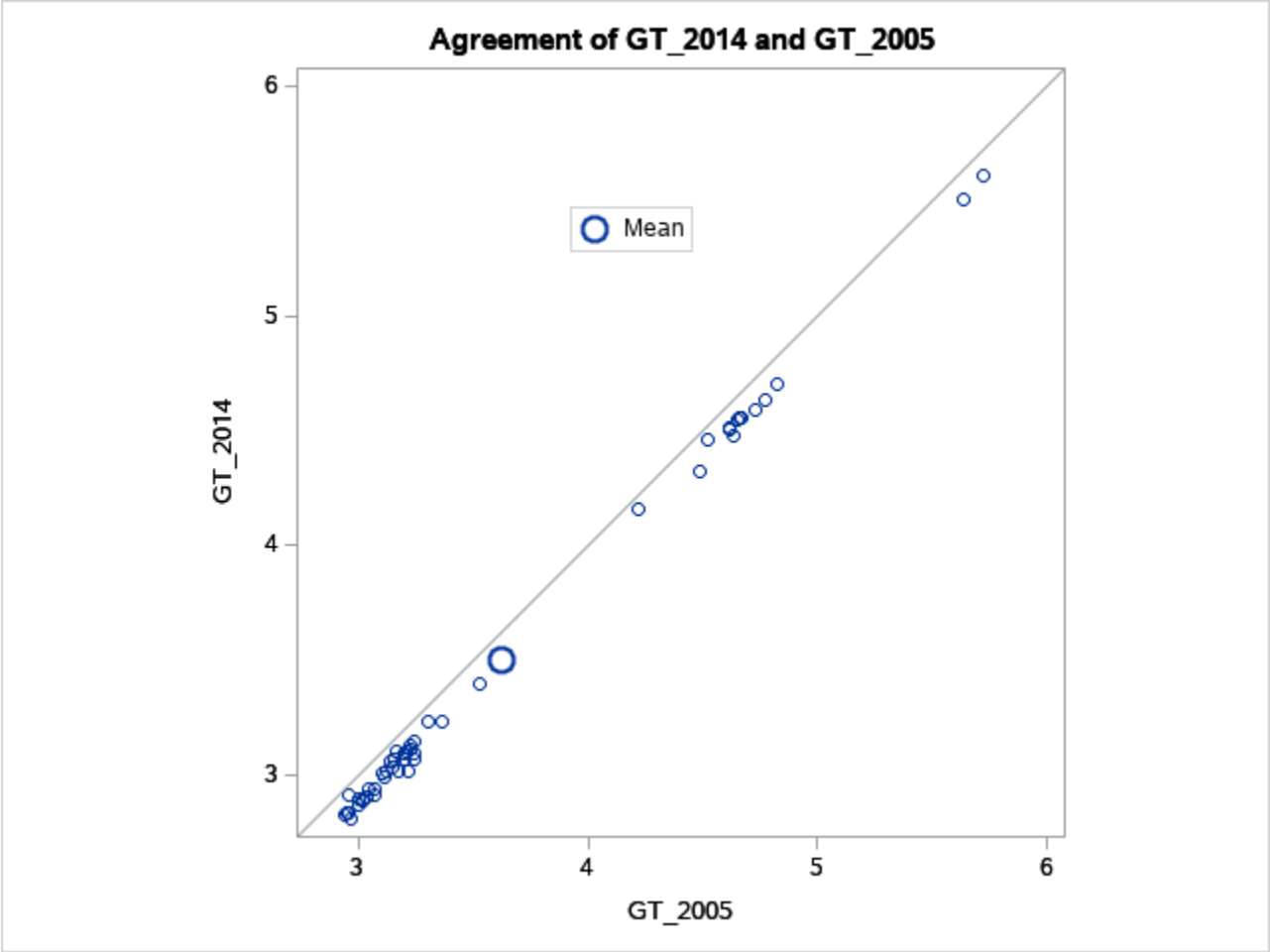
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	0.1175	0.0302	0.00440	0.0517	0.1973

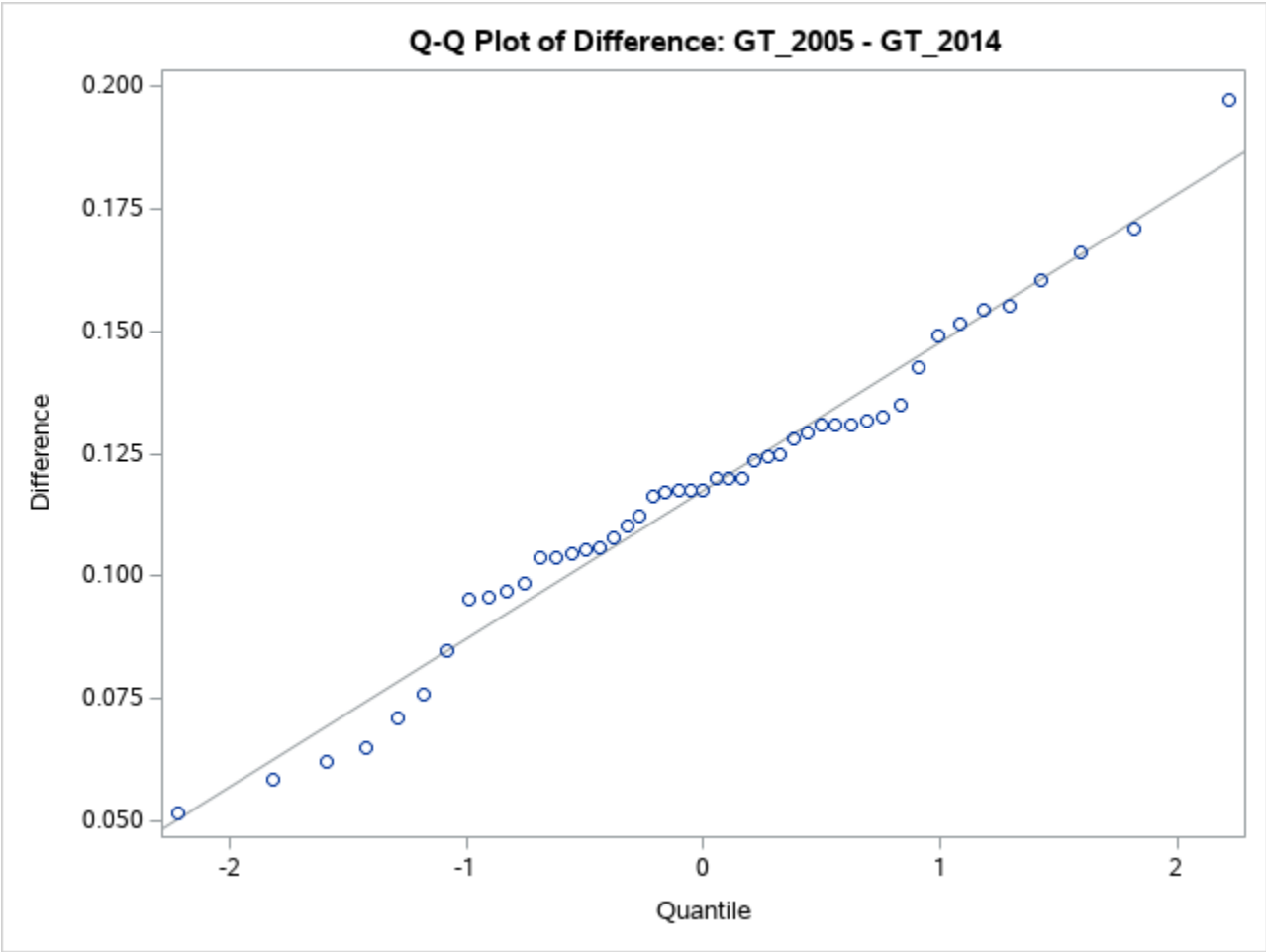
Mean	95% CL Mean	Std Dev	95% CL Std Dev
0.1175	0.1087 0.1264	0.0302	0.0251 0.0379

DF	t Value	Pr >  t
46	26.69	<.0001









**Paired t-test Industry and Commercial Vs Domestic**

The TTEST Procedure

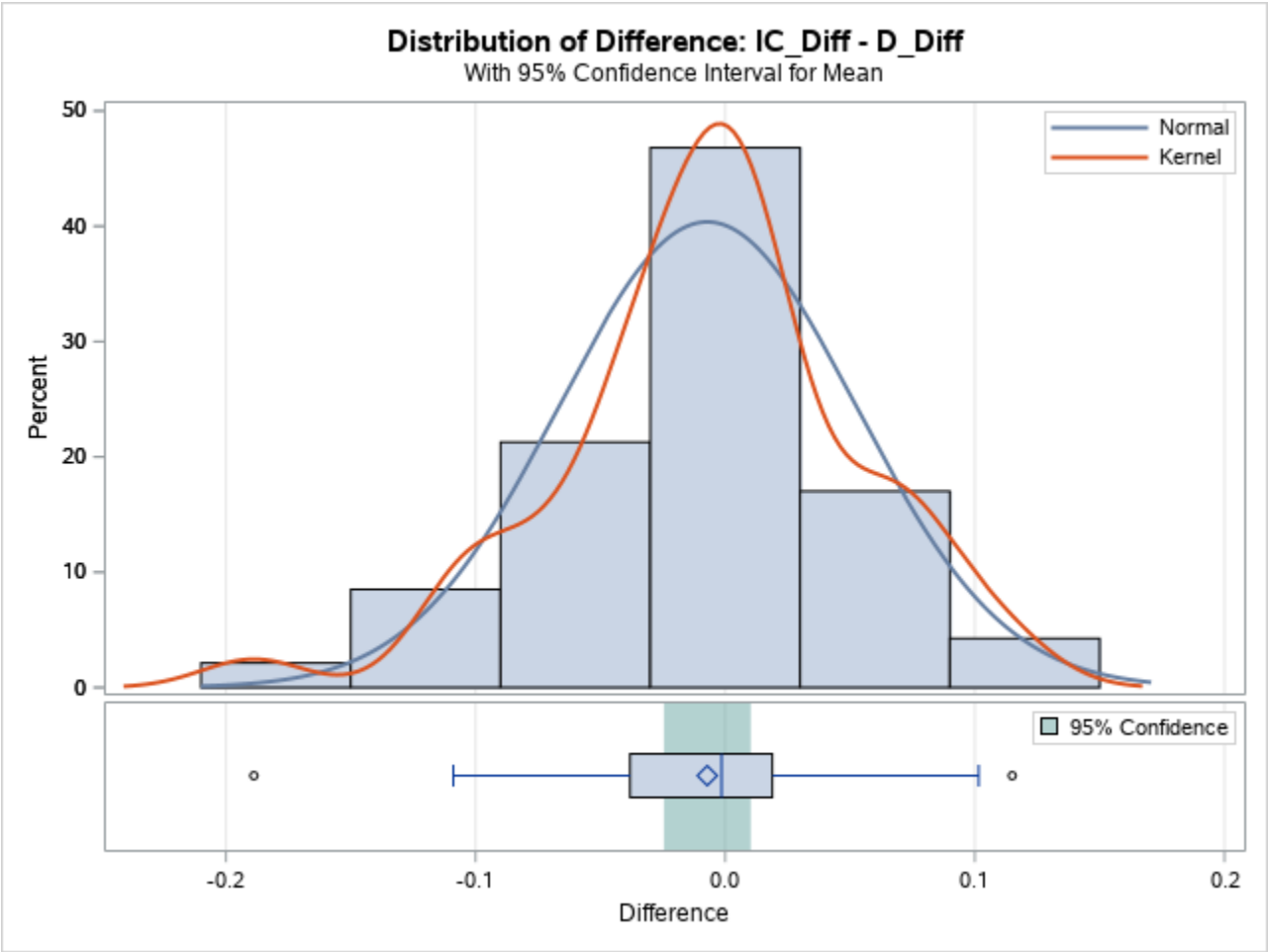
Difference: IC\_Diff - D\_Diff

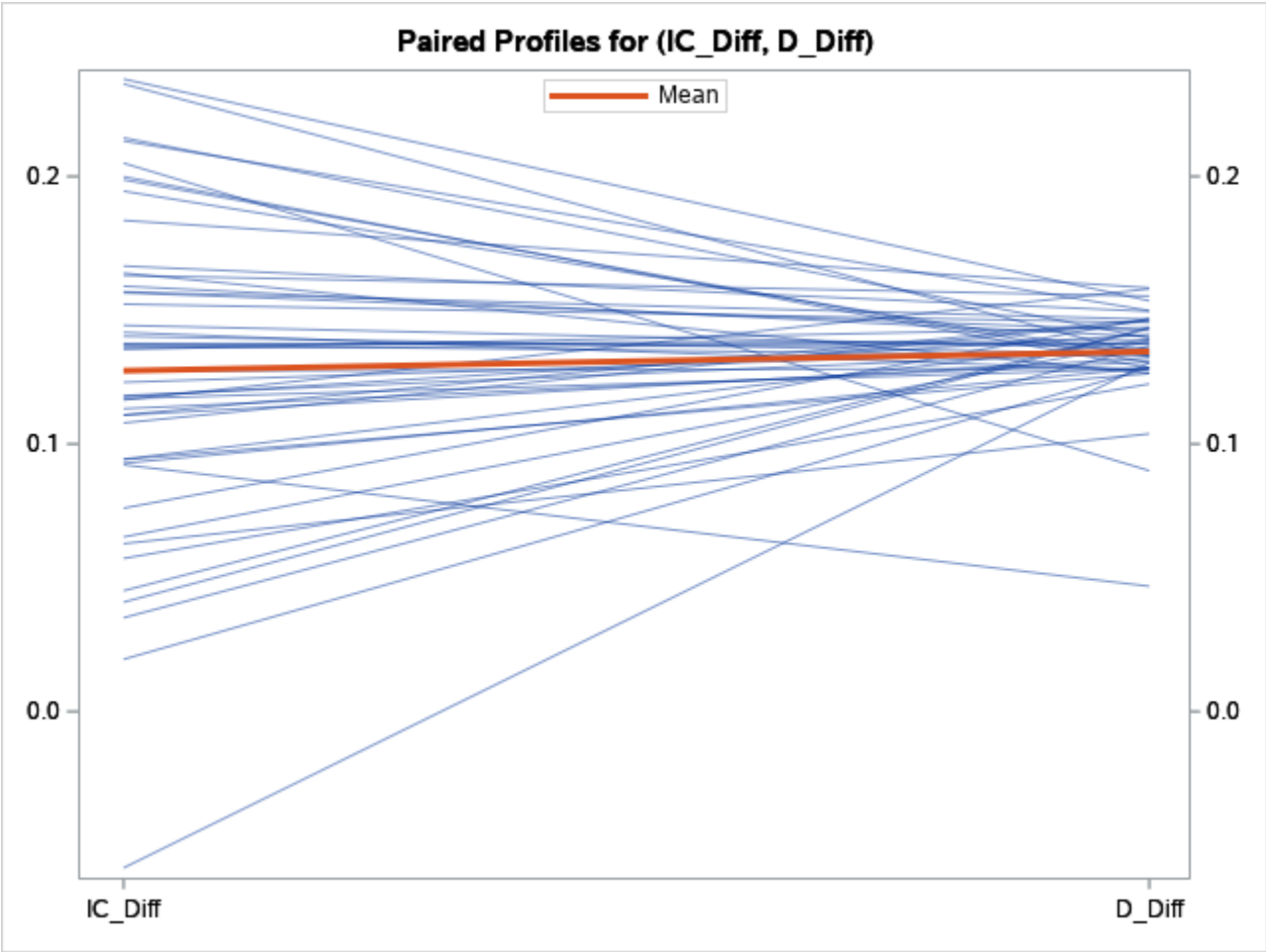
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	-0.00717	0.0593	0.00865	-0.1888	0.1150

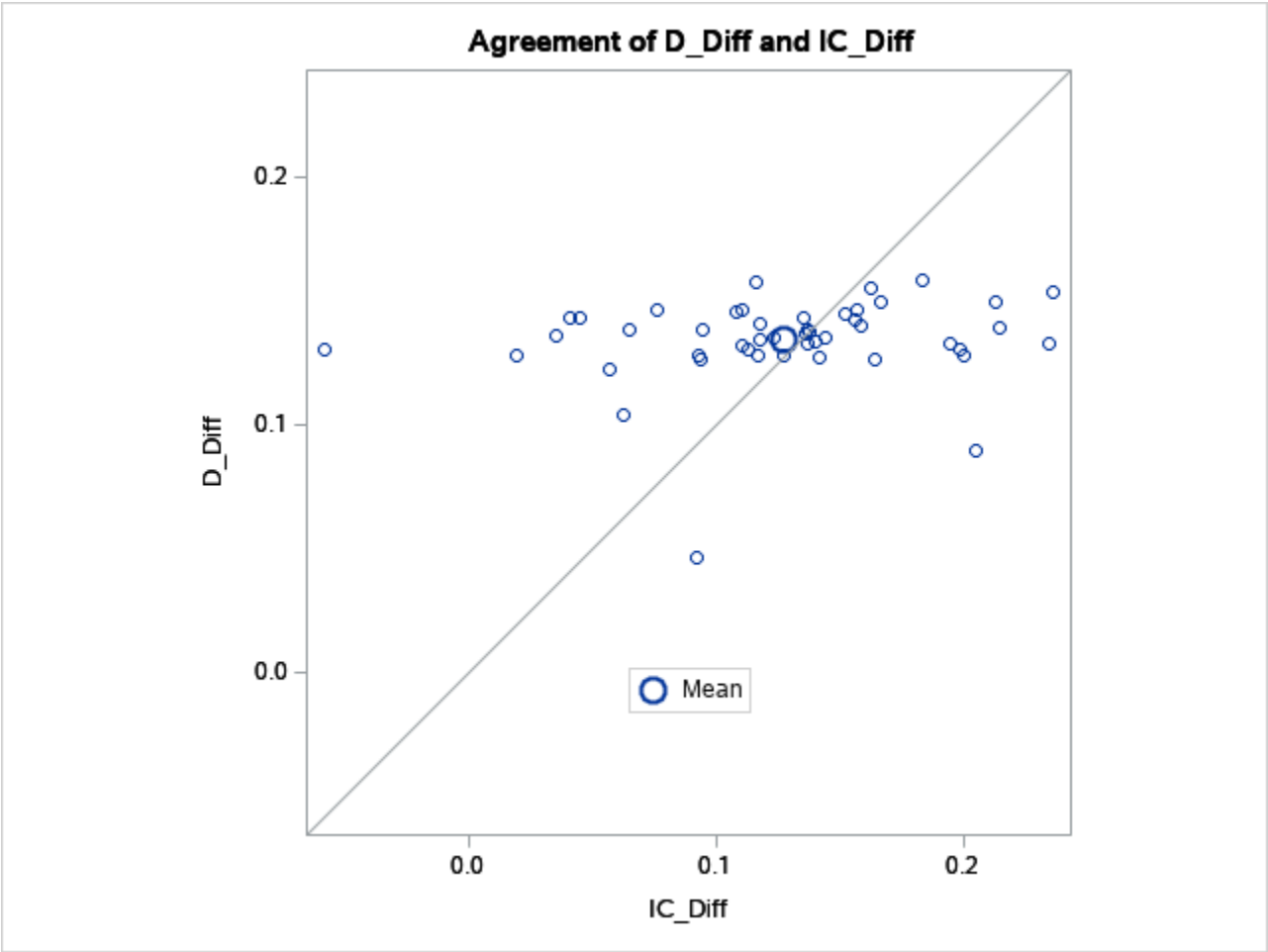
Mean	95% CL Mean	Std Dev	95% CL Std Dev
-0.00717	-0.0246 0.0102	0.0593	0.0493 0.0745

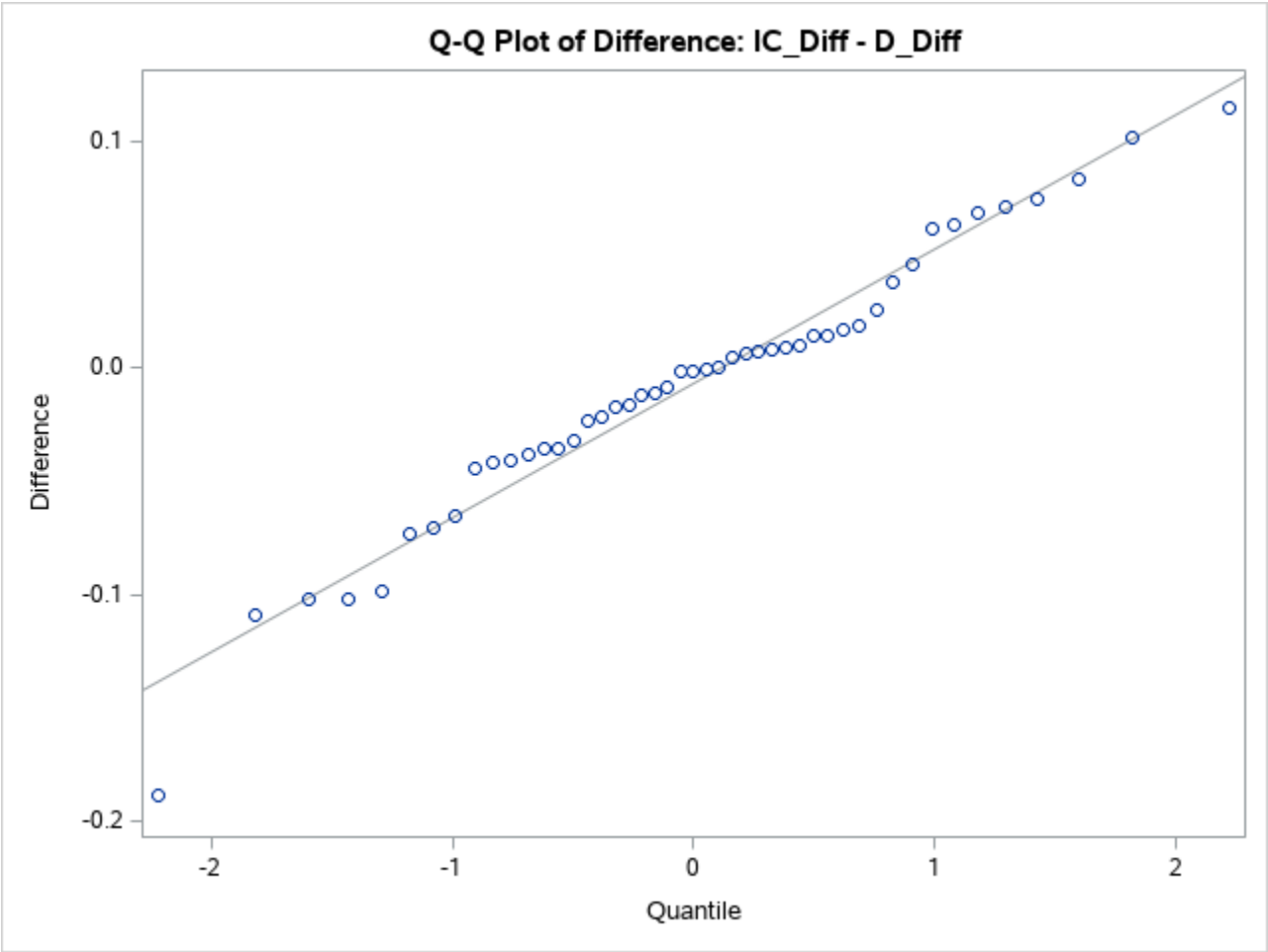
DF	t Value	Pr >  t
46	-0.83	0.4111











**Paired t-test Industry and Commercial Vs Transport**

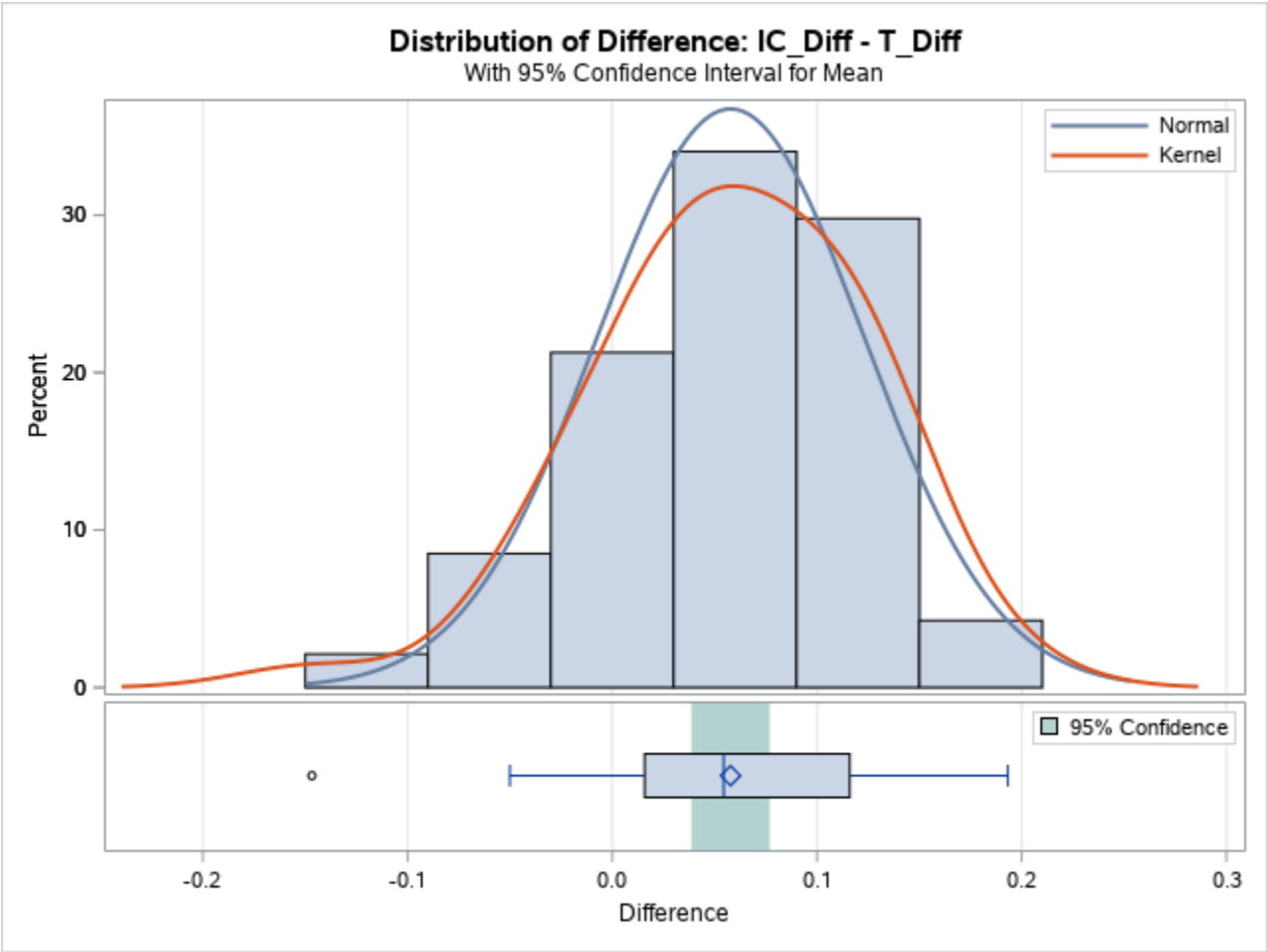
The TTEST Procedure

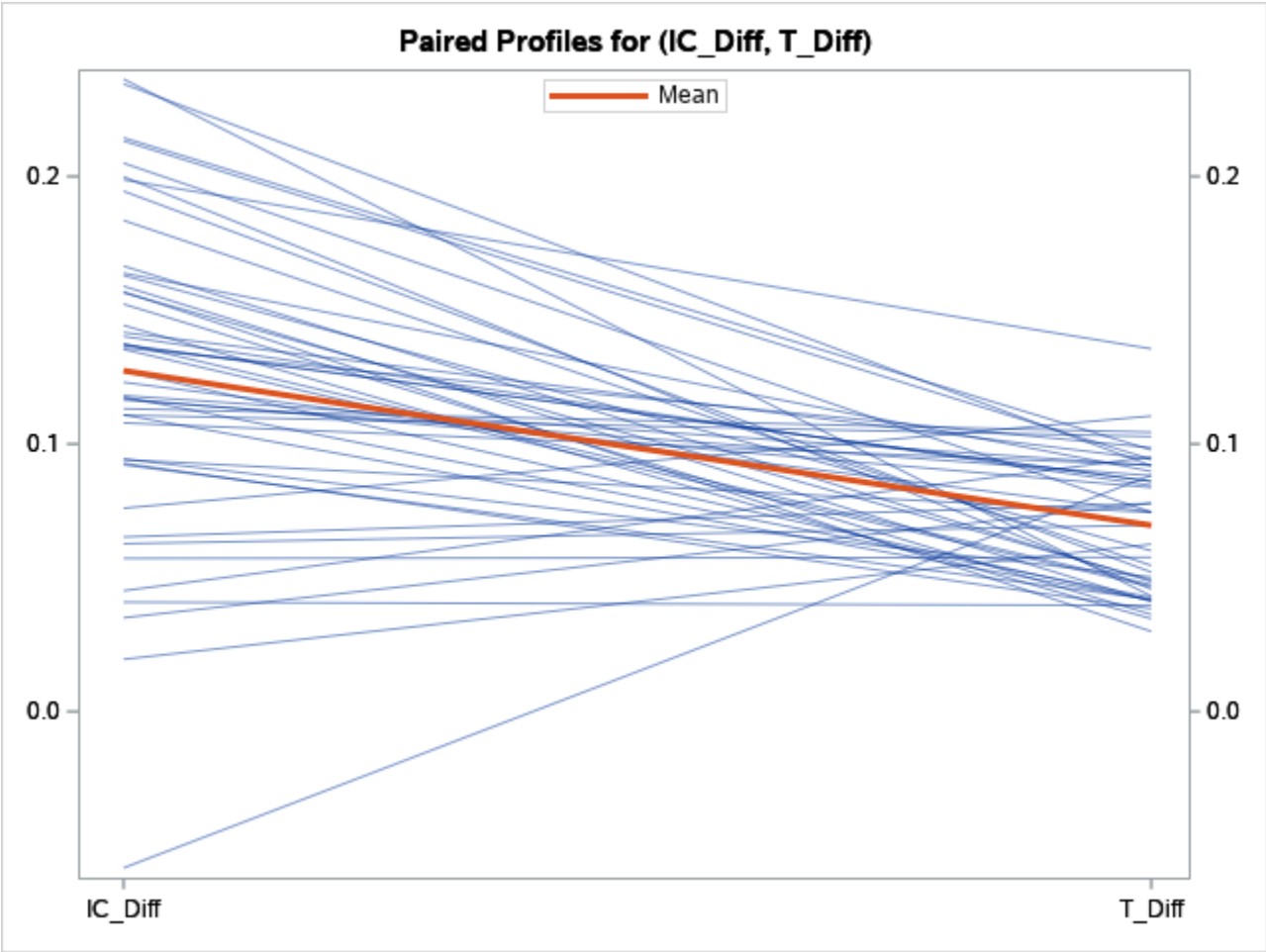
Difference: IC\_Diff - T\_Diff

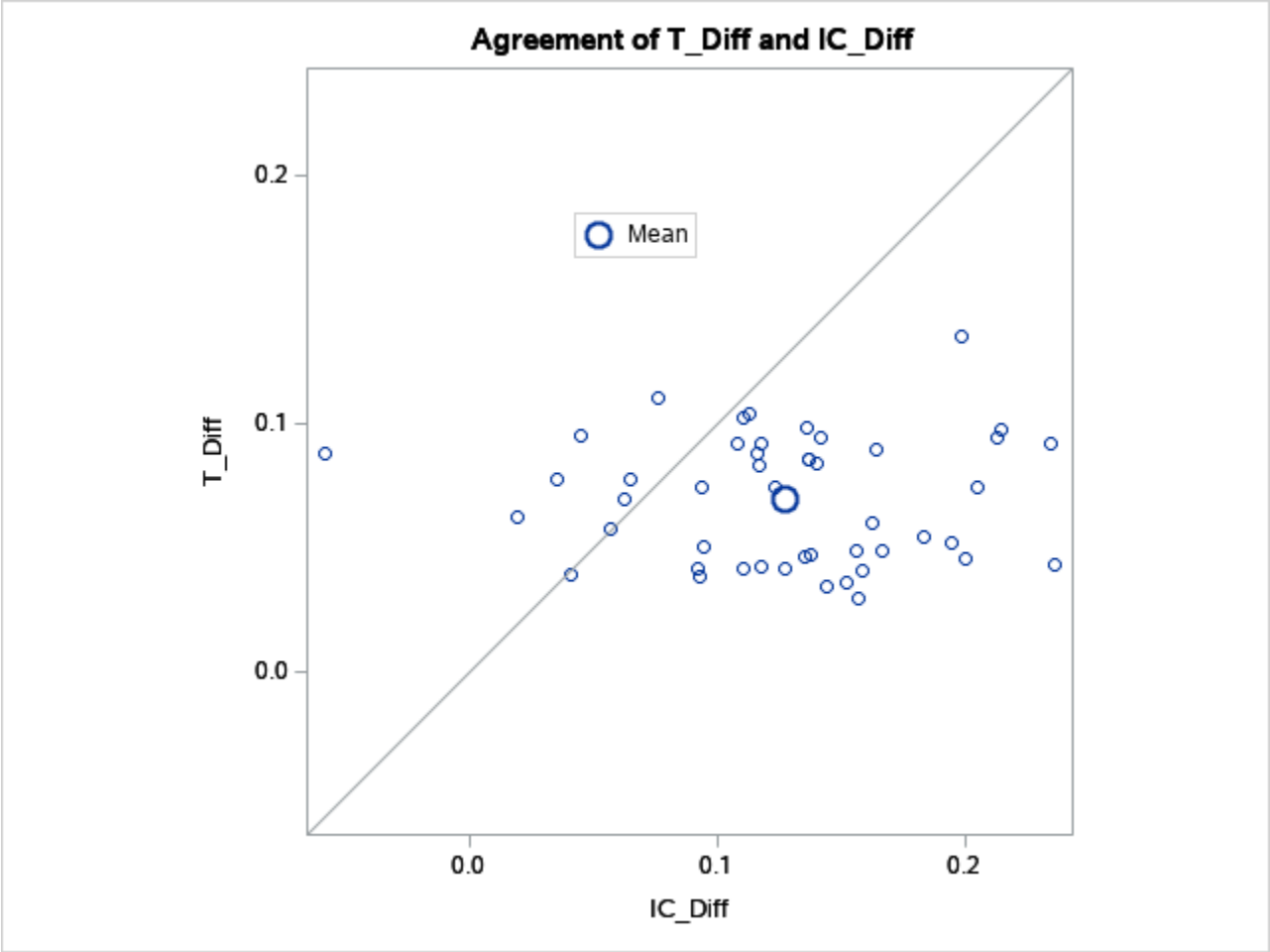
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	0.0578	0.0651	0.00950	-0.1467	0.1932

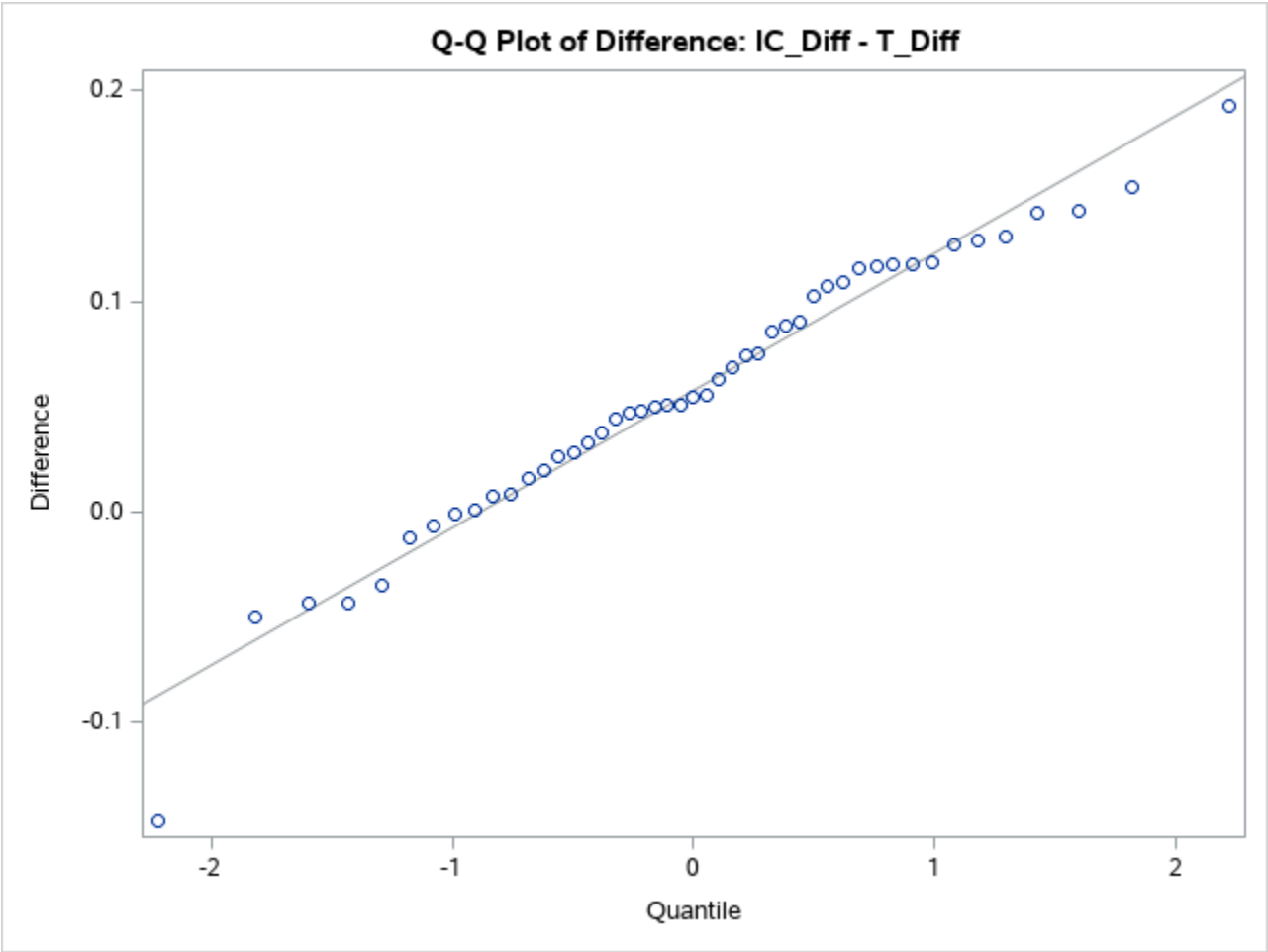
Mean	95% CL Mean	Std Dev	95% CL Std Dev
0.0578	0.0387	0.0769	0.0651

DF	t Value	Pr >  t
46	6.08	<.0001









Paired t-test Domestic Vs Transport

The TTEST Procedure

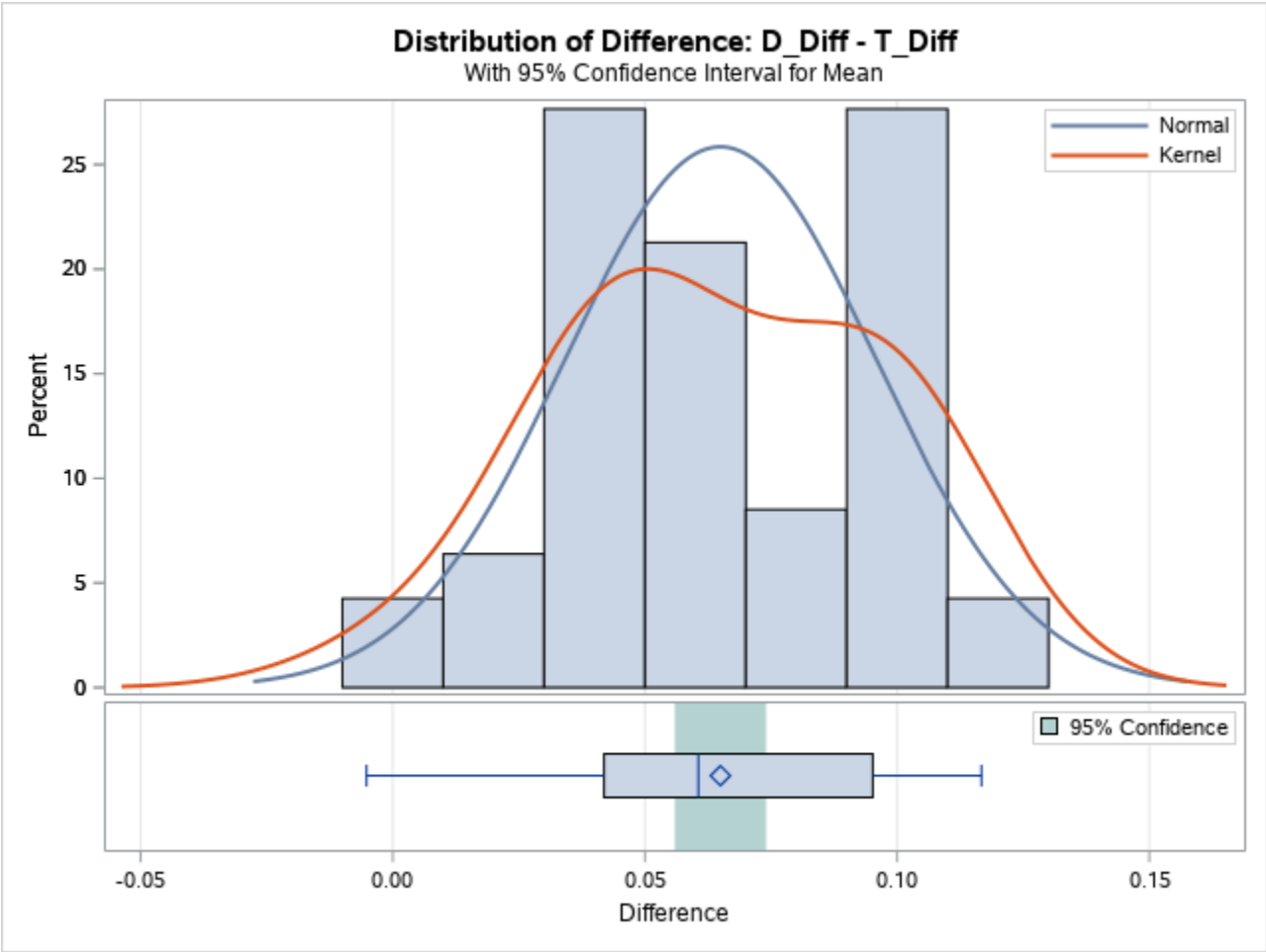
Difference: D\_Diff - T\_Diff

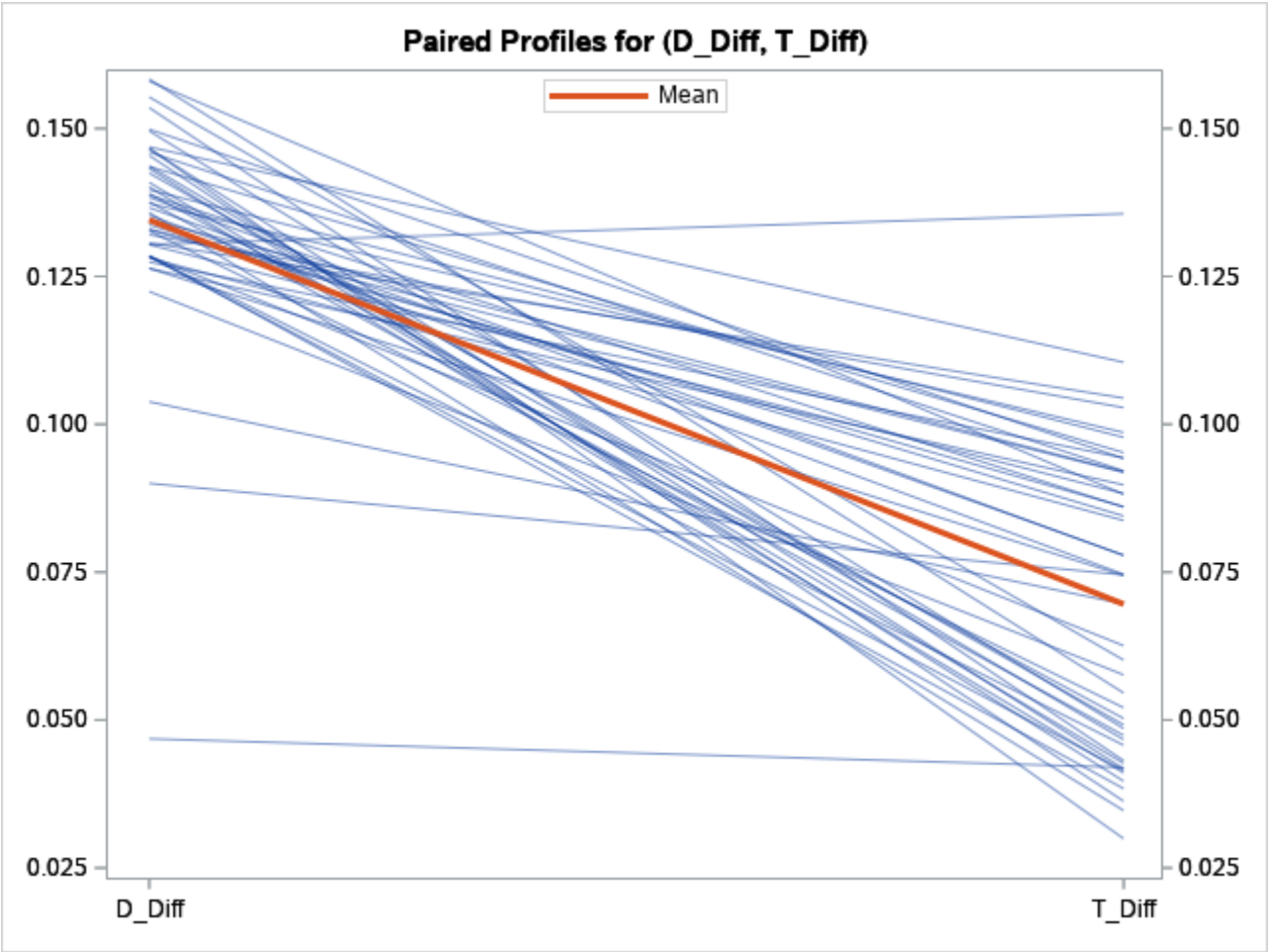
N	Mean	Std Dev	Std Err	Minimum	Maximum
47	0.0650	0.0309	0.00450	-0.00520	0.1167

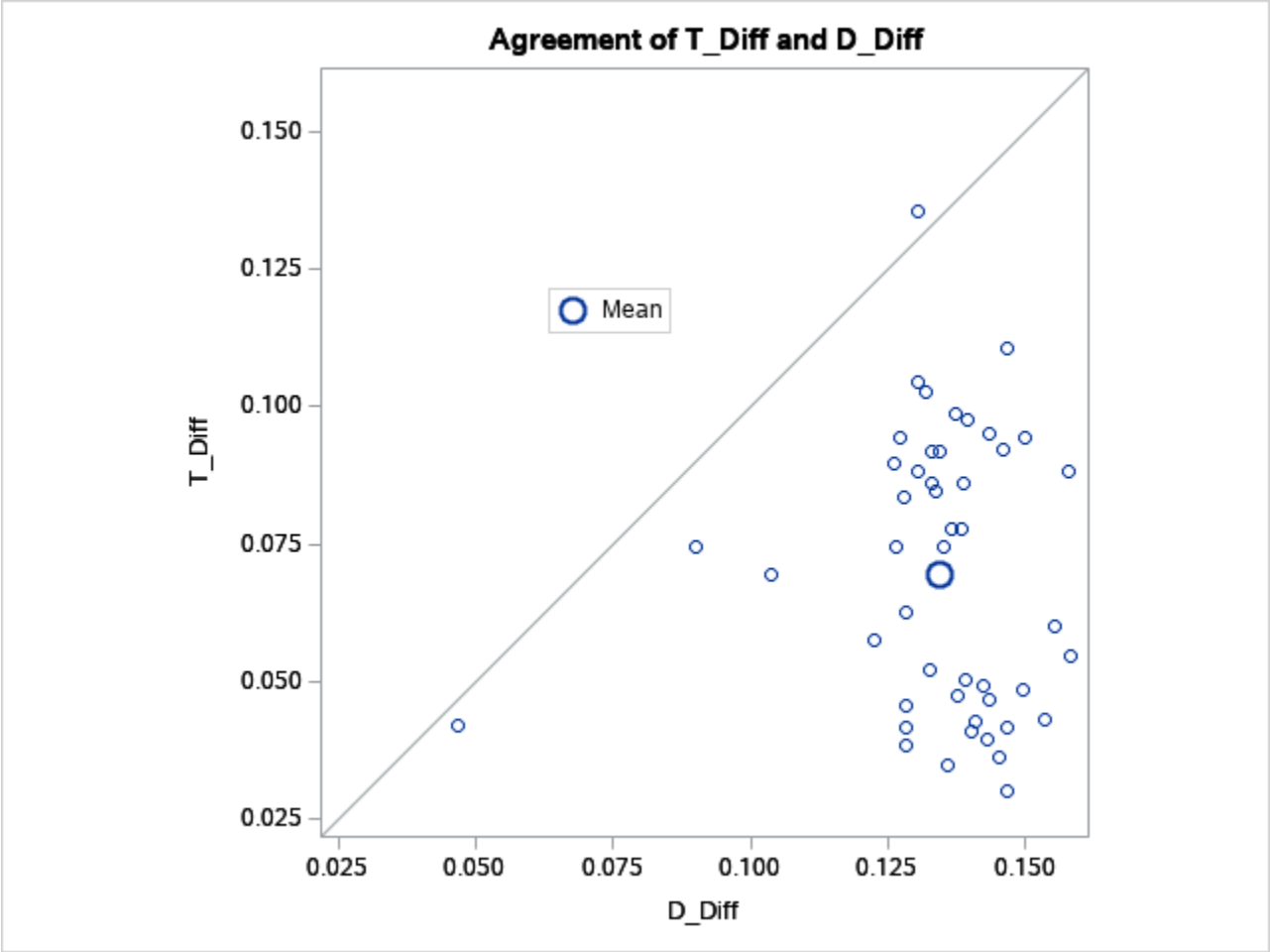
Mean	95% CL Mean	Std Dev	95% CL Std Dev
0.0650	0.0559 0.0740	0.0309	0.0256 0.0388

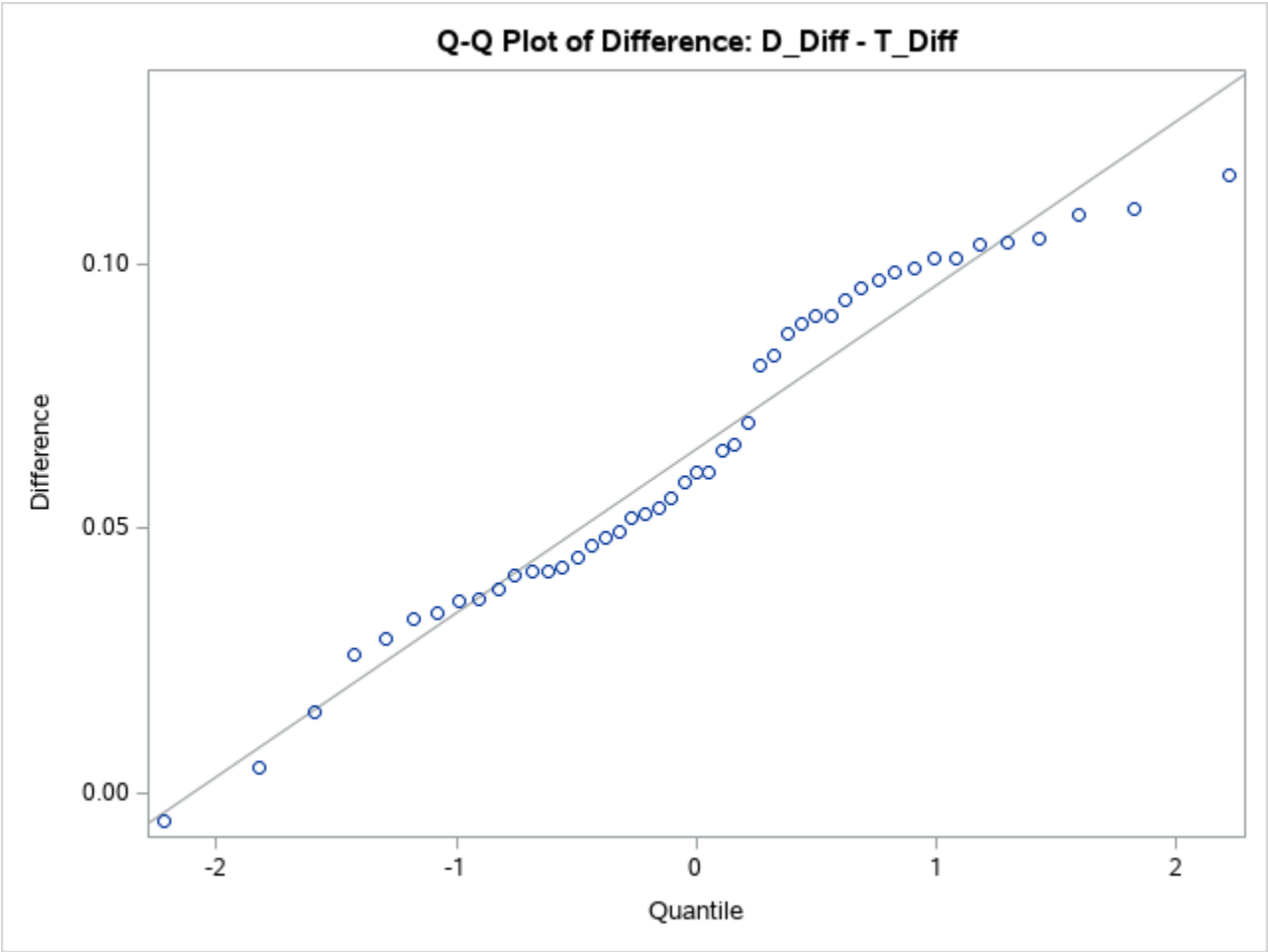
DF	t Value	Pr >  t
46	14.43	<.0001











Paired t-test Domestic Vs Transport

The UNIVARIATE Procedure  
Variable: IC\_Diff

Moments			
N	47	Sum Weights	47
Mean	0.12737497	Sum Observations	5.98662358
Std Deviation	0.05927665	Variance	0.00351372
Skewness	-0.5510704	Kurtosis	0.9772623
Uncorrected SS	0.92417719	Corrected SS	0.16163119
Coeff Variation	46.537128	Std Error Mean	0.00864639

Basic Statistical Measures			
Location		Variability	
Mean	0.127375	Std Deviation	0.05928
Median	0.135372	Variance	0.00351
Mode	.	Range	0.29482
		Interquartile Range	0.06886

Tests for Location: Mu0=0		
Test	Statistic	p Value

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	14.73158	Pr >  t	<.0001
Sign	M	22.5	Pr >=  M	<.0001
Signed Rank	S	558	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.2363755
99%	0.2363755
95%	0.2144402
90%	0.2049746
75% Q3	0.1629965
50% Median	0.1353719
25% Q1	0.0941341
10%	0.0451567
5%	0.0350488
1%	-0.0584453
0% Min	-0.0584453

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0584453	12	0.204975	1
0.0195168	25	0.213270	23
0.0350488	5	0.214440	28
0.0408787	46	0.234560	8
0.0451567	11	0.236375	2

Paired t-test Domestic Vs Transport

The UNIVARIATE Procedure  
Variable: D\_Diff

Moments			
N	47	Sum Weights	47
Mean	0.13454819	Sum Observations	6.3237649
Std Deviation	0.01790487	Variance	0.00032058
Skewness	-2.9125794	Kurtosis	12.5200718
Uncorrected SS	0.865598	Corrected SS	0.01474688
Coeff Variation	13.3074048	Std Error Mean	0.00261169

Basic Statistical Measures			
Location		Variability	
Mean	0.134548	Std Deviation	0.01790
Median	0.136624	Variance	0.0003206
Mode	.	Range	0.11152
		Interquartile Range	0.01517

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	51.51759	Pr >  t	<.0001
Sign	M	23.5	Pr >=  M	<.0001
Signed Rank	S	564	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.1583485
99%	0.1583485
95%	0.1553123
90%	0.1498601
75% Q3	0.1436377
50% Median	0.1366241
25% Q1	0.1284717
10%	0.1263476
5%	0.1038072
1%	0.0468263
0% Min	0.0468263

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.0468263	44	0.149860	23
0.0900121	1	0.153523	2
0.1038072	30	0.155312	34
0.1224476	20	0.157984	14
0.1263476	15	0.158348	35

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Paired t-test Domestic Vs Transport

The UNIVARIATE Procedure  
Variable: T\_Diff

Moments			
N	47	Sum Weights	47
Mean	0.06958974	Sum Observations	3.27071787
Std Deviation	0.02536863	Variance	0.00064357
Skewness	0.28049505	Kurtosis	-0.7943421
Uncorrected SS	0.25721252	Corrected SS	0.02960411
Coeff Variation	36.4545597	Std Error Mean	0.0037004

Basic Statistical Measures			
Location		Variability	
Mean	0.069590	Std Deviation	0.02537
Median	0.074426	Variance	0.0006436
Mode	.	Range	0.10565
		Interquartile Range	0.04613

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	18.80603	Pr >  t	<.0001
Sign	M	23.5	Pr >=  M	<.0001
Signed Rank	S	564	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.1355871
99%	0.1355871
95%	0.1044341
90%	0.0986098
75% Q3	0.0918628
50% Median	0.0744256
25% Q1	0.0457359
10%	0.0396608
5%	0.0362734
1%	0.0299414
0% Min	0.0299414

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.0299414	16	0.0986098	13
0.0346911	39	0.1028157	29
0.0362734	45	0.1044341	24
0.0384006	3	0.1104715	22
0.0396608	46	0.1355871	32