

CORRELATION ANALYSIS FOR DENSITY RATINGS BETWEEN EACH EVALUATOR AND STANDARD  
 NTEP TURFGRASS EVALUATION WORKSHOP AT WEST LAFAYETTE, IN  
 NOVEMBER 12, 2006

The CORR Procedure

2 With Variables:  
 49 Variables:

STANDARD PREMEAN  
 PRETRN01 PRETRN02 PRETRN03 PRETRN04 PRETRN05 PRETRN06 PRETRN07 PRETRN08 PRETRN09 PRETRN10 PRETRN11 PRETRN12 PRETRN13 PRETRN14  
 PRETRN15 PRETRN16 PRETRN17 PRETRN18 PRETRN19 PRETRN20 PRETRN22 PRETRN23 PRETRN24 PRETRN25 PRETRN26 PRETRN27 PRETRN29 PRETRN30  
 PRETRN31 PRETRN32 PRETRN33 PRETRN34 PRETRN35 PRETRN36 PRETRN37 PRETRN38 PRETRN39 PRETRN41 PRETRN42 PRETRN43 PRETRN44 PRETRN46  
 PRETRN47 PRETRN48 PRETRN49 PRETRN51 PRETRN52 PRETRN54 PRETRN60

Simple Statistics

Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
STANDARD	20	5.85000	1.95408	117.00000	1.00000	9.00000
PREMEAN	20	6.36469	1.08947	127.29379	2.77551	7.79592
PRETRN01	20	6.75000	1.11803	135.00000	4.00000	8.00000
PRETRN02	20	6.00000	1.74718	120.00000	2.00000	8.00000
PRETRN03	20	7.45000	0.82558	149.00000	5.00000	8.00000
PRETRN04	20	6.75000	1.77334	135.00000	3.00000	9.00000
PRETRN05	20	5.75000	2.04875	115.00000	1.00000	8.00000
PRETRN06	20	5.55000	1.09904	111.00000	2.00000	7.00000
PRETRN07	20	7.25000	1.55174	145.00000	2.00000	9.00000
PRETRN08	20	5.65000	1.72520	113.00000	1.00000	8.00000
PRETRN09	20	6.05000	2.50210	121.00000	1.00000	9.00000
PRETRN10	20	5.65000	1.49649	113.00000	2.00000	8.00000
PRETRN11	20	6.35000	0.98809	127.00000	4.00000	8.00000
PRETRN12	20	6.20000	1.39925	124.00000	2.00000	8.00000
PRETRN13	20	4.85000	1.38697	97.00000	1.00000	7.00000
PRETRN14	20	6.95000	1.60509	139.00000	3.00000	9.00000
PRETRN15	20	6.50000	1.39548	130.00000	3.00000	9.00000
PRETRN16	20	6.10000	1.37267	122.00000	2.00000	8.00000
PRETRN17	20	7.20000	1.47256	144.00000	2.00000	9.00000
PRETRN18	20	6.05000	1.19097	121.00000	3.00000	8.00000
PRETRN19	20	6.75000	1.44641	135.00000	2.00000	8.00000
PRETRN20	20	5.55000	1.19097	111.00000	3.00000	8.00000
PRETRN22	20	6.75000	1.16416	135.00000	4.00000	9.00000
PRETRN23	20	6.80000	1.19649	136.00000	4.00000	8.00000
PRETRN24	20	7.00000	1.41421	140.00000	3.00000	8.00000
PRETRN25	20	4.80000	1.73509	96.00000	1.00000	8.00000
PRETRN26	20	6.15000	1.89945	123.00000	1.00000	9.00000
PRETRN27	20	6.60000	1.18766	132.00000	3.00000	8.00000
PRETRN29	20	7.60000	1.56945	152.00000	2.00000	9.00000
PRETRN30	20	5.10000	2.07491	102.00000	2.00000	8.00000
PRETRN31	20	6.00000	1.71679	120.00000	1.00000	8.00000
PRETRN32	20	7.70000	0.86450	154.00000	6.00000	9.00000
PRETRN33	20	6.20000	1.67332	124.00000	1.00000	9.00000
PRETRN34	20	8.45000	0.94451	169.00000	5.00000	9.00000
PRETRN35	20	8.00000	0.97333	160.00000	5.00000	9.00000
PRETRN36	20	5.65000	1.63111	113.00000	2.00000	8.00000

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Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
PRETRN37	20	6.10000	1.25237	122.00000	3.00000	8.00000
PRETRN38	20	7.20000	1.32188	144.00000	3.00000	9.00000
PRETRN39	20	6.40000	1.04630	128.00000	4.00000	8.00000
PRETRN41	20	8.30000	1.08094	166.00000	5.00000	9.00000
PRETRN42	20	5.65000	1.18210	113.00000	2.00000	7.00000
PRETRN43	20	5.95000	1.66938	119.00000	2.00000	8.00000
PRETRN44	20	6.00000	0.91766	120.00000	3.00000	7.00000
PRETRN46	19	5.57895	1.67716	106.00000	1.00000	8.00000
PRETRN47	20	6.20000	1.05631	124.00000	4.00000	8.00000
PRETRN48	20	4.90000	1.58612	98.00000	3.00000	9.00000
PRETRN49	20	6.20000	1.43637	124.00000	2.00000	8.00000
PRETRN51	20	6.25000	1.29269	125.00000	2.00000	8.00000
PRETRN52	20	7.35000	1.34849	147.00000	3.00000	9.00000
PRETRN54	20	6.70000	1.30182	134.00000	3.00000	8.00000
PRETRN60	20	4.90000	1.29371	98.00000	1.00000	7.00000

Pearson Correlation Coefficients  
 Prob > |r| under H0: Rho=0  
 Number of Observations

	PRETRN01	PRETRN02	PRETRN03	PRETRN04	PRETRN05	PRETRN06	PRETRN07	PRETRN08	PRETRN09	PRETRN10	PRETRN11	PRETRN12	PRETRN13
STANDARD	0.65647 0.0017 20	0.77079 <.0001 20	0.72916 0.0003 20	0.41388 0.0697 20	0.71321 0.0004 20	0.62860 0.0030 20	0.77675 <.0001 20	0.56126 0.0100 20	0.51832 0.0192 20	0.84502 <.0001 20	0.60106 0.0051 20	0.70452 0.0005 20	0.76804 <.0001 20
PREMEAN	0.72869 0.0003 20	0.86561 <.0001 20	0.83303 <.0001 20	0.57750 0.0077 20	0.81718 <.0001 20	0.85205 <.0001 20	0.89334 <.0001 20	0.73325 0.0002 20	0.60363 0.0048 20	0.88286 <.0001 20	0.70435 0.0005 20	0.89168 <.0001 20	0.90078 <.0001 20

Pearson Correlation Coefficients  
 Prob > |r| under H0: Rho=0  
 Number of Observations

	PRETRN14	PRETRN15	PRETRN16	PRETRN17	PRETRN18	PRETRN19	PRETRN20	PRETRN22	PRETRN23	PRETRN24	PRETRN25	PRETRN26	PRETRN27
STANDARD	0.66870 0.0013 20	0.62728 0.0031 20	0.69265 0.0007 20	0.85235 <.0001 20	0.90800 <.0001 20	0.69365 0.0007 20	0.80623 <.0001 20	0.74614 0.0002 20	0.54927 0.0121 20	0.83800 <.0001 20	0.70476 0.0005 20	0.89972 <.0001 20	0.69850 0.0006 20

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 Prob > |r| under H0: Rho=0  
 Number of Observations

	PRETRN14	PRETRN15	PRETRN16	PRETRN17	PRETRN18	PRETRN19	PRETRN20	PRETRN22	PRETRN23	PRETRN24	PRETRN25	PRETRN26	PRETRN27
PREMEAN	0.69523	0.81579	0.83837	0.91384	0.85639	0.87407	0.75449	0.74047	0.64905	0.91422	0.84237	0.89265	0.85300
	0.0007	<.0001	<.0001	<.0001	<.0001	<.0001	0.0001	0.0002	0.0020	<.0001	<.0001	<.0001	<.0001
	20	20	20	20	20	20	20	20	20	20	20	20	20

Pearson Correlation Coefficients  
 Prob > |r| under H0: Rho=0  
 Number of Observations

	PRETRN29	PRETRN30	PRETRN31	PRETRN32	PRETRN33	PRETRN34	PRETRN35	PRETRN36	PRETRN37	PRETRN38	PRETRN39	PRETRN41	PRETRN42
STANDARD	0.68303	0.82169	0.56479	0.71970	0.73399	0.83696	0.80250	0.65969	0.65165	0.68462	0.70019	0.74503	0.75077
	0.0009	<.0001	0.0095	0.0003	0.0002	<.0001	<.0001	0.0016	0.0019	0.0009	0.0006	0.0002	0.0001
	20	20	20	20	20	20	20	20	20	20	20	20	20
PREMEAN	0.83295	0.73737	0.73334	0.68747	0.90530	0.93377	0.77691	0.79646	0.65833	0.79023	0.77496	0.90221	0.90382
	<.0001	0.0002	0.0002	0.0008	<.0001	<.0001	<.0001	<.0001	0.0016	<.0001	<.0001	<.0001	<.0001
	20	20	20	20	20	20	20	20	20	20	20	20	20

Pearson Correlation Coefficients  
 Prob > |r| under H0: Rho=0  
 Number of Observations

	PRETRN43	PRETRN44	PRETRN46	PRETRN47	PRETRN48	PRETRN49	PRETRN51	PRETRN52	PRETRN54	PRETRN60
STANDARD	0.85269	0.76312	0.64950	0.80575	-0.00509	0.64881	0.55736	0.64016	0.87103	0.49342
	<.0001	<.0001	0.0026	<.0001	0.9830	0.0020	0.0107	0.0024	<.0001	0.0270
	20	20	19	20	20	20	20	20	20	20
PREMEAN	0.78339	0.87990	0.79802	0.70890	-0.15953	0.87096	0.82601	0.73792	0.89427	0.59087
	<.0001	<.0001	<.0001	0.0005	0.5017	<.0001	<.0001	0.0002	<.0001	0.0061
	20	20	19	20	20	20	20	20	20	20