

CORRELATION ANALYSIS FOR GENETIC COLOR 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	5.60000	2.18608	112.00000	2.00000	9.00000
PREMEAN	20	6.17317	1.26624	123.46344	3.67347	7.97959
PRETRN01	20	6.00000	1.29777	120.00000	3.00000	8.00000
PRETRN02	20	6.10000	1.61897	122.00000	3.00000	8.00000
PRETRN03	20	7.00000	1.29777	140.00000	4.00000	9.00000
PRETRN04	20	5.85000	1.66307	117.00000	2.00000	8.00000
PRETRN05	20	5.90000	2.22190	118.00000	1.00000	9.00000
PRETRN06	20	4.95000	0.99868	99.00000	3.00000	6.00000
PRETRN07	20	6.50000	1.90567	130.00000	1.00000	9.00000
PRETRN08	20	4.55000	1.73129	91.00000	2.00000	8.00000
PRETRN09	20	5.60000	2.45807	112.00000	1.00000	9.00000
PRETRN10	20	5.30000	1.59275	106.00000	3.00000	8.00000
PRETRN11	20	6.15000	1.26803	123.00000	4.00000	8.00000
PRETRN12	20	5.85000	1.81442	117.00000	1.00000	8.00000
PRETRN13	20	5.00000	1.68585	100.00000	2.00000	8.00000
PRETRN14	20	7.15000	1.34849	143.00000	3.00000	9.00000
PRETRN15	20	6.45000	2.11449	129.00000	3.00000	9.00000
PRETRN16	20	6.25000	1.48235	125.00000	3.00000	8.00000
PRETRN17	20	7.25000	1.29269	145.00000	4.00000	9.00000
PRETRN18	20	5.90000	1.44732	118.00000	3.00000	8.00000
PRETRN19	20	6.90000	1.29371	138.00000	4.00000	8.00000
PRETRN20	20	5.80000	1.64157	116.00000	3.00000	9.00000
PRETRN22	19	7.00000	1.29099	133.00000	5.00000	9.00000
PRETRN23	20	6.45000	1.60509	129.00000	2.00000	8.00000
PRETRN24	20	6.75000	1.11803	135.00000	5.00000	8.00000
PRETRN25	20	5.40000	2.01050	108.00000	1.00000	8.00000
PRETRN26	20	5.45000	1.98614	109.00000	1.00000	8.00000
PRETRN27	20	6.55000	1.09904	131.00000	5.00000	8.00000
PRETRN29	20	7.15000	1.53125	143.00000	3.00000	9.00000
PRETRN30	20	5.25000	2.33678	105.00000	1.00000	9.00000
PRETRN31	20	6.40000	1.56945	128.00000	3.00000	9.00000
PRETRN32	20	7.55000	1.14593	151.00000	5.00000	9.00000
PRETRN33	20	5.85000	1.46089	117.00000	3.00000	8.00000
PRETRN34	20	7.45000	1.05006	149.00000	4.00000	9.00000
PRETRN35	20	6.85000	1.46089	137.00000	4.00000	9.00000
PRETRN36	20	5.45000	2.16370	109.00000	2.00000	9.00000

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Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
PRETRN37	20	6.55000	1.27630	131.00000	4.00000	8.00000
PRETRN38	20	6.70000	1.55935	134.00000	4.00000	9.00000
PRETRN39	20	6.30000	1.30182	126.00000	3.00000	8.00000
PRETRN41	20	6.20000	1.70448	124.00000	3.00000	9.00000
PRETRN42	20	6.25000	1.48235	125.00000	3.00000	8.00000
PRETRN43	20	5.95000	1.63755	119.00000	3.00000	8.00000
PRETRN44	20	5.60000	1.23117	112.00000	3.00000	7.00000
PRETRN46	19	5.73684	1.62761	109.00000	2.00000	8.00000
PRETRN47	20	6.65000	1.18210	133.00000	5.00000	9.00000
PRETRN48	20	4.95000	1.23438	99.00000	3.00000	8.00000
PRETRN49	20	5.55000	1.66938	111.00000	2.00000	8.00000
PRETRN51	20	6.40000	1.27321	128.00000	3.00000	8.00000
PRETRN52	20	7.35000	1.49649	147.00000	4.00000	9.00000
PRETRN54	20	6.75000	1.25132	135.00000	4.00000	9.00000
PRETRN60	20	5.60000	1.42902	112.00000	3.00000	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	0.85338	0.78519	0.77917	0.85123	0.85818	0.78591	0.65696	0.72869	0.89914	0.67115	0.66833	0.67407	0.85686
	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0016	0.0003	<.0001	0.0012	0.0013	0.0011	<.0001
	20	20	20	20	20	20	20	20	20	20	20	20	20
PREMEAN	0.85561	0.83820	0.88297	0.86450	0.89438	0.80879	0.74024	0.77978	0.85876	0.71044	0.71711	0.77481	0.92554
	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0002	<.0001	<.0001	0.0004	0.0004	<.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

	PRETRN14	PRETRN15	PRETRN16	PRETRN17	PRETRN18	PRETRN19	PRETRN20	PRETRN22	PRETRN23	PRETRN24	PRETRN25	PRETRN26	PRETRN27
STANDARD	0.61060	0.84940	0.89329	0.83810	0.75189	0.82256	0.76852	0.89474	0.86398	0.77522	0.73287	0.91642	0.92882
	0.0042	<.0001	<.0001	<.0001	0.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0002	<.0001	<.0001
	20	20	20	20	20	20	20	19	20	20	20	20	20

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 Number of Observations

	PRETRN14	PRETRN15	PRETRN16	PRETRN17	PRETRN18	PRETRN19	PRETRN20	PRETRN22	PRETRN23	PRETRN24	PRETRN25	PRETRN26	PRETRN27
PREMEAN	0.63784	0.91211	0.90056	0.85476	0.79615	0.85163	0.85873	0.90437	0.89378	0.80088	0.78125	0.96404	0.92162
	0.0025	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	20	20	20	20	20	20	20	19	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	0.82074	0.77272	0.89281	0.78577	0.83719	0.60988	0.88663	0.74107	0.85641	0.84300	0.85812	0.58760	0.87705
	<.0001	<.0001	<.0001	<.0001	<.0001	0.0043	<.0001	0.0002	<.0001	<.0001	<.0001	0.0064	<.0001
	20	20	20	20	20	20	20	20	20	20	20	20	20
PREMEAN	0.84542	0.80531	0.88013	0.81106	0.88020	0.75236	0.90750	0.82450	0.89873	0.88867	0.88494	0.52144	0.86654
	<.0001	<.0001	<.0001	<.0001	<.0001	0.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0184	<.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	0.53810	0.75874	0.62207	0.71691	0.79188	0.87109	0.83580	0.86554	0.84658	0.75478
	0.0144	0.0001	0.0045	0.0004	<.0001	<.0001	<.0001	<.0001	<.0001	0.0001
	20	20	19	20	20	20	20	20	20	20
PREMEAN	0.49643	0.87278	0.62567	0.71870	0.75194	0.91345	0.86924	0.89174	0.83682	0.83580
	0.0260	<.0001	0.0042	0.0004	0.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	20	20	19	20	20	20	20	20	20	20