

		correlation matrix grape harvest series																
		a1	a2	a3	a4	a5	a6	a7	a8	a9	a10	a11	a12	a13	a14	a15	a16	a17
a1	correlation (pearson)	1	.648	.818	.757	.697	.729	.792	1.000	.a	.a	.a	.a	.a	.a	.a	.a	.a
	significance (2-sided)		.000	.000	.000	.000	.000	.000	.011									
	N	224	78	56	49	78	91	24	3	0	0	0	0	0	0	0	0	0
a2	correlation (pearson)	.648	1	.576	.617	.864	.834	.887	.906	.765	.731	.798	.a	.a	.a	.a	.a	.a
	significance (2-sided)	.000		.000	.000	.000	.000	.045	.000	.000	.000	.000						
	N	78	239	105	32	172	30	5	18	23	133	84	0	0	0	0	0	0
a3	correlation (pearson)	.818	.576	1	.921	.634	.810	.824	.893	.926	.613	.792	.a	.a	.a	1.000	.a	.a
	significance (2-sided)	.000	.000		.000	.000	.000	.000	.107	.000	.000	.000						
	N	56	105	171	37	140	54	19	4	11	88	41	0	1	2	0	0	0
a4	correlation (pearson)	.757	.617	.921	1	.658	.832	.916	.932	.973	.553	.576	.a	.a	.a	.a	.a	.a
	significance (2-sided)	.000	.000	.000		.000	.000	.000	.007	.000	.155	.232						
	N	49	32	37	69	60	47	22	6	7	8	6	0	0	0	0	0	0
a5	correlation (pearson)	.697	.864	.634	.658	1	.792	.865	.767	.598	.719	.755	.a	.a	.a	.a	.a	.a
	significance (2-sided)	.000	.000	.000	.000		.000	.000	.002	.003	.000	.000						
	N	78	172	140	60	232	77	23	13	22	131	84	0	0	0	0	0	0
a6	correlation (pearson)	.729	.834	.810	.832	.792	1	.905	.a	.a	.a	.a	.a	.530	.715	.482	.559	.667
	significance (2-sided)	.000	.000	.000	.000	.000		.000						.002	.000	.003	.001	.000
	N	91	30	54	47	77	133	43	0	0	0	0	0	31	37	36	34	31
a7	correlation (pearson)	.792	.887	.824	.916	.865	.905	1	.a	.a	.a	.a	.a	.773	.886	.626	.718	.712
	significance (2-sided)	.000	.045	.000	.000	.000	.000							.000	.000	.001	.000	.001
	N	24	5	19	22	23	43	54	0	0	0	0	0	17	28	26	26	19
a8	correlation (pearson)	1.000	.906	.893	.932	.767	.a	.a	1	.924	.a	.a	.a	.a	.a	.a	.a	.a
	significance (2-sided)	.011	.000	.107	.007	.002				.008								
	N	3	18	4	6	13	0	0	20	6	1	1	0	0	0	0	0	0
a9	correlation (pearson)	.a	.765	.926	.973	.598	.a	.a	.924	1	.737	.923	.a	.a	.a	.a	.a	.a
	significance (2-sided)		.000	.000	.000	.003			.008		.001	.000						
	N	0	23	11	7	22	0	0	6	24	16	16	0	0	0	0	0	0
a10	correlation (pearson)	.a	.731	.613	.553	.719	.a	.a	.a	.737	1	.704	.a	.a	.a	.a	.a	.a
	significance (2-sided)		.000	.000	.155	.000				.001		.000						
	N	0	133	88	8	131	0	0	1	16	133	84	0	0	0	0	0	0
a11	correlation (pearson)	.a	.798	.792	.576	.755	.a	.a	.a	.923	.704	1	.a	.a	.a	.a	.a	.a
	significance (2-sided)		.000	.000	.232	.000				.000	.000							
	N	0	84	41	6	84	0	0	1	16	84	84	0	0	0	0	0	0
a12	correlation (pearson)	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	1	.a	.a	.a	.a
	significance (2-sided)																	
	N	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
a13	correlation (pearson)	.a	.a	.a	.a	.a	.530	.773	.a	.a	.a	.a	.a	.a	1	.372	.817	.860
	significance (2-sided)						.002	.000								.004	.000	.000
	N	0	0	1	0	0	31	17	0	0	0	0	0	0	96	58	34	33
a14	correlation (pearson)	.a	.a	1.000	.a	.a	.715	.886	.a	.a	.a	.a	.a	.a	.372	1	.390	.563
	significance (2-sided)						.000	.000							.004		.002	.000
	N	0	0	2	0	0	37	28	0	0	0	0	0	0	58	87	58	52
a15	correlation (pearson)	.a	.a	.a	.a	.a	.482	.626	.a	.a	.a	.a	.a	.a	.817	.390	1	.662
	significance (2-sided)						.003	.001							.000	.002		.000
	N	0	0	0	0	0	36	26	0	0	0	0	0	0	34	58	58	51
a16	correlation (pearson)	.a	.a	.a	.a	.a	.559	.718	.a	.a	.a	.a	.a	.a	.860	.563	.662	1
	significance (2-sided)						.001	.000							.000	.000	.000	
	N	0	0	0	0	0	34	26	0	0	0	0	0	0	33	52	51	52
a17	correlation (pearson)	.a	.a	.a	.a	.a	.667	.712	.a	.a	.a	.a	.a	.a	.691	.621	.478	.608
	significance (2-sided)						.000	.001							.000	.000	.003	.000
	N	0	0	0	0	0	31	19	0	0	0	0	0	0	32	38	36	36