

Appendix B

Covariance Analysis: Ordinary

Date: 01/20/14 Time: 12:44

Sample (adjusted): 2005 2012

Included observations: 8 after adjustments

Pairwise samples (pairwise missing deletion)

Correlation Probability	PA_Cassava_C	PA_Coffee_C	PA_Mangosteen_C	PA_Rambutan_C	PA_Rice_C	PA_Rubber_C	PA_Soybean_C	PA_Sugarcane_C	PA_Palm_C	AB_C
PA_Cassava_C	1.000000 -----									
PA_Coffee_C	0.508983 0.1977	1.000000 -----								
PA_Mangosteen_C	0.093027 0.8266	-0.624173 0.0981	1.000000 -----							
PA_Rambutan_C	-0.002906 0.9946	0.681929 0.0625	-0.987772 0.0000	1.000000 -----						
PA_Rice_C	0.421545 0.2982	0.576726 0.1345	-0.701702 0.0524	0.777140 0.0233	1.000000 -----					
PA_Rubber_C	-0.148071 0.7264	-0.775945 0.0236	0.887905 0.0032	-0.939388 0.0005	-0.825793 0.0116	1.000000 -----				
PA_Soybean_C	0.266251 0.5239	0.260286 0.5336	-0.033373 0.9375	0.121908 0.7737	0.283391 0.4964	-0.107849 0.7993	1.000000 -----			
PA_Sugarcane_C	-0.708159 0.0493	-0.903795 0.0021	0.313793 0.4491	-0.367837 0.3700	-0.365082 0.3739	0.486502 0.2215	-0.185716 0.6597	1.000000 -----		
PA_Palm_C	-0.038198 0.9284	-0.722198 0.0431	0.971531 0.0001	-0.989981 0.0000	-0.771127 0.0251	0.962286 0.0001	-0.061929 0.8842	0.434050 0.2826	1.000000 -----	
Abandoned_C	-0.445911 0.3755	0.154073 0.7707	0.057105 0.9144	-0.176366 0.7382	-0.683838 0.1341	0.160185 0.7618	-0.780926 0.0667	-0.134379 0.7996	0.110319 0.8352	1.000000 -----

Covariance Analysis: Ordinary

Date: 01/20/14 Time: 12:44

Sample (adjusted): 2005 2012

Included observations: 8 after adjustments

Pairwise samples (pairwise missing deletion)

Correlation Probability	PA_Cassava_N	PA_Coffee_N	PA_Mangosteen_N	PA_Rambutan_N	PA_Rice_N	PA_Rubber_N	PA_Soybean_N	PA_Sugarcane_N	PA_Palm_N	AB_N
PA_Cassava_N	1.000000 -----									
PA_Coffee_N	0.622836 0.0991	1.000000 -----								
PA_Mangosteen_N	0.456650 0.2554	0.962650 0.0001	1.000000 -----							
PA_Rambutan_N	0.478143 0.2308	0.952236 0.0003	0.977573 0.0000	1.000000 -----						
PA_Rice_N	0.592065 0.1220	0.755076 0.0303	0.754532 0.0305	0.681763 0.0626	1.000000 -----					
PA_Rubber_N	0.914603 0.0015	0.825469 0.0116	0.685726 0.0605	0.673832 0.0669	0.771530 0.0249	1.000000 -----				
PA_Soybean_N	-0.537951 0.1690	-0.662834 0.0732	-0.700416 0.0530	-0.664541 0.0722	-0.804202 0.0161	-0.555926 0.1525	1.000000 -----			
PA_Sugarcane_N	0.572250 0.1383	0.927714 0.0009	0.942222 0.0005	0.950267 0.0003	0.776820 0.0233	0.757501 0.0295	-0.663700 0.0727	1.000000 -----		
PA_Palm_N	0.796118 0.0181	0.896821 0.0025	0.834656 0.0099	0.838452 0.0093	0.878111 0.0041	0.932124 0.0007	-0.696369 0.0550	0.908808 0.0018	1.000000 -----	
Abandoned_N	0.576166 0.2314	0.090048 0.8653	NA NA	NA NA	0.892900 0.0166	0.461595 0.3568	-0.844418 0.0344	0.499076 0.3135	0.714307 0.1108	1.000000 -----

Covariance Analysis: Ordinary

Date: 01/20/14 Time: 12:45

Sample (adjusted): 2005 2012

Included observations: 8 after adjustments

Pairwise samples (pairwise missing deletion)

Correlation

Probability	PA_Cassava_NE	PA_Coffee_NE	PA_Mangosteen_NE	PA_Rambutan_NE	PA_Rice_NE	PA_Rubber_NE	PA_Soybean_NE	PA_Sugarcane_NE	PA_Palm_NE	AB_NE
PA_Cassava_NE	1.000000 -----									
PA_Coffee_NE	NA NA	NA -----								
PA_Mangosteen_NE	NA NA	NA NA	NA -----							
PA_Rambutan_NE	-0.495510 0.2118	NA NA	NA NA	1.000000 -----						
PA_Rice_NE	-0.030720 0.9424	NA NA	NA NA	0.098059 0.8173	1.000000 -----					
PA_Rubber_NE	0.570817 0.1395	NA NA	NA NA	-0.014724 0.9724	0.751328 0.0316	1.000000 -----				
PA_Soybean_NE	0.137153 0.7460	NA NA	NA NA	-0.049798 0.9068	-0.419833 0.3004	-0.136893 0.7465	1.000000 -----			
PA_Sugarcane_NE	-0.185289 0.6605	NA NA	NA NA	0.748655 0.0326	0.622968 0.0990	0.559338 0.1495	-0.113519 0.7890	1.000000 -----		
PA_Palm_NE	0.364825 0.3742	NA NA	NA NA	0.094921 0.8231	0.872610 0.0047	0.960022 0.0002	-0.248316 0.5532	0.693552 0.0564	1.000000 -----	
Abandoned_NE	-0.564165 0.2435	NA NA	NA NA	-0.266787 0.6093	0.647716 0.1643	-0.159066 0.7634	-0.650840 0.1616	-0.119556 0.8215	0.084729 0.8732	1.000000 -----

Covariance Analysis: Ordinary

Date: 01/20/14 Time: 12:45

Sample (adjusted): 2005 2012

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Pairwise samples (pairwise missing deletion)

Correlation										
Probability	PA_CASSAVA_S	PA_COFFEE_S	PA_MANGOSTEEN_S	PA_RAMBUTAN_S	PA_RICE_S	PA_RUBBER_S	PA_SOYBEAN_S	PA_SUGARCANE_S	PA_PALM_S	AB_S
PA_CASSAVA_S	NA -----									
PA_COFFEE_S	NA NA	1.000000 -----								
PA_MANGOSTEEN_S	NA NA	0.729149 0.0401	1.000000 -----							
PA_RAMBUTAN_S	NA NA	0.739618 0.0360	0.856968 0.0066	1.000000 -----						
PA_RICE_S	NA NA	0.842588 0.0086	0.796159 0.0181	0.856633 0.0066	1.000000 -----					
PA_RUBBER_S	NA NA	-0.909684 0.0017	-0.789949 0.0197	-0.910341 0.0017	-0.951982 0.0003	1.000000 -----				
PA_SOYBEAN_S	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA -----			
PA_SUGARCANE_S	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA -----		
PA_PALM_S	NA NA	-0.813166 0.0141	-0.588366 0.1250	-0.863552 0.0057	-0.859066 0.0063	0.947703 0.0003	NA NA	NA NA	1.000000 -----	
AB_S	NA NA	0.034107 0.9489	-0.594080 0.2137	-0.426097 0.3995	-0.655685 0.1574	0.431158 0.3933	NA NA	NA NA	0.249353 0.6337	1.0000 -----

