

Spearman coefficients of correlation
Volumes, thickness, and ratios
[all accessions]

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Air Volume	1																			
Kernel Volume	0.55 ***	1																		
Shell Volume	0.33 ***	0.64 ***	1																	
Packing Volume	0.57 ***	0.78 ***	0.63 ***	1																
Air Vol Ratio	0.75 ***	-0.05	-0.23 *	0.04	1															
Kernel Vol Ratio	-0.59 ***	0.21	-0.09	-0.14	-0.76 ***	1														
Shell Vol Ratio	-0.50 ***	-0.07	0.56 ***	-0.04	-0.72 ***	0.22 *	1													
Packing Vol Ratio	-0.39 ***	-0.07	-0.05	0.32 ***	-0.49 ***	0.24 *	0.21	1												
Kernel Airless Vol Ratio	0.03	0.23 *	-0.46 ***	-0.21 *	0.11	0.51 ***	-0.60 ***	-0.31 ***	1											
Shell Airless Vol Ratio	-0.16	-0.13	0.61 ***	-0.04	-0.30 **	-0.23 *	0.86 ***	-0.08	-0.77 ***	1										
Packing Airless Vol Ratio	0.17	-0.14	-0.25 *	0.39 ***	0.27 **	-0.39 ***	-0.37 ***	0.64 ***	-0.30 **	-0.31 **	1									
Nut Airless Vol	0.55 ***	0.94 ***	0.82 ***	0.87 ***	-0.08	0.05	0.12	0.02	-0.06	0.10	-0.05	1								
Shell Thickness	-0.23 *	0.21	0.79 ***	0.20	-0.61 ***	0.15	0.93 ***	0.10	-0.58 ***	0.84 ***	-0.40 ***	0.40 ***	1							
Nut Volume	0.85 ***	0.86 ***	0.67 ***	0.84 ***	0.32 ***	-0.27 **	-0.18	-0.18	-0.03	-0.02	0.05	0.90 ***	0.13	1						
Nut Ratio Convex Volume	-0.30 **	-0.25 *	-0.39 ***	-0.26 *	-0.08	0.20	-0.14	0.13	0.19	-0.26 *	0.07	-0.33 ***	-0.19	-0.35 ***	1					
Density Kernel vs Shell	0.25 *	-0.19	-0.65 ***	-0.13	0.58 ***	-0.23 *	-0.78 ***	-0.07	0.41 ***	-0.66 ***	0.40 ***	-0.33 ***	-0.83 ***	-0.08	0.12	1				
Ease Of Removal	-0.27 **	-0.01	0.25 *	0.12	-0.40 ***	0.13	0.43 ***	0.33 ***	-0.33 ***	0.31 **	0.04	0.10	0.40 ***	-0.08	0.01	-0.33 ***	1			
Shell Strength	-0.31 **	0.06	0.52 ***	0.21 *	-0.60 ***	0.16	0.73 ***	0.39 ***	-0.56 ***	0.59 ***	-0.01	0.25 *	0.71 ***	-0.00	-0.07	-0.58 ***	0.45 ***	1		
Kernel Weight Ratio	0.19	0.07	-0.60 ***	-0.10	0.38 ***	0.16	-0.82 ***	-0.13	0.78 ***	-0.88 ***	0.13	-0.17	-0.81 ***	-0.02	0.23 *	0.65 ***	-0.41 ***	-0.74 ***	1	
Shell Texture	0.19	0.05	0.24 *	0.10	0.11	-0.23 *	0.11	-0.12	-0.21 *	0.23 *	-0.04	0.13	0.12	0.16	-0.78 ***	-0.07	0.02	0.04	-0.21 *	1
	Air Volume	Kernel Volume	Shell Volume	Packing Volume	Air Vol Ratio	Kernel Vol Ratio	Shell Vol Ratio	Packing Vol Ratio	Kernel Airless Vol Ratio	Shell Airless Vol Ratio	Packing Airless Vol Ratio	Nut Airless Vol	Shell Thickness	Nut Volume	Nut Ratio Convex Volume	Density Kernel vs Shell	Ease Of Removal	Shell Strength	Kernel Weight Ratio	Shell Texture