

Coefficients of correlation

Nut Length	-7	12	17	5	15	16	4	-9	22	-1	6	3	2	-21
Nut Height	-1	17	9	2	2	11	0	-10	-2	-5	-2	3	5	-5
Nut Width	-9	18	13	1	4	13	0	-11	4	-3	-4	7	5	-6
Nut Volume	-7	14	12	1	4	12	-1	-10	8	-5	-3	6	2	-8
Nut VA3D	1	45	17	11	18	23	2	-13	8	2	19	1	9	-29
Nut Feret Ratio	-4	-1	11	2	12	8	3	0	26	1	10	-2	-3	-20
Nut Surface Area	-7	20	14	3	6	14	0	-12	9	-5	1	6	4	-12
Nut Sphericity	-1	-45	-17	-11	-18	-23	-2	13	-8	-2	-19	-1	-9	29
Nut Convex Surface Area	-7	17	13	2	5	13	0	-11	9	-5	-1	5	3	-10
Nut Convex Volume	-7	16	13	2	5	12	-1	-11	8	-5	-2	5	3	-9
Nut Ratio Convex Area	-1	-40	-9	-12	-14	-23	-1	11	1	0	-15	-4	-10	25
Nut Ratio Convex Volume	-4	-46	-22	-10	-14	-15	0	13	-7	-4	-16	1	-6	22
Krumbein Index	6	1	-12	-1	-12	-8	-2	0	-27	-2	-8	0	3	20
Sneed Index	0	1	-8	-4	-11	-8	-3	-1	-21	2	-11	3	2	18
Air Volume	-3	14	5	-9	-13	-10	-4	-24	5	-7	-4	-3	-8	7
Kernel Volume	-10	7	13	2	5	11	-3	5	5	-1	-3	16	4	2
Shell Volume	-1	19	14	17	36	53	14	1	8	-3	7	0	20	-58
Packing Volume	-11	7	13	11	15	21	7	-2	6	0	-4	9	11	-9
Air Vol Ratio	2	5	-6	-18	-31	-36	-7	-30	-1	-7	-3	-12	-17	25
Kernel Vol Ratio	-5	-10	2	2	1	0	-6	27	1	4	-4	20	2	17
Shell Vol Ratio	8	9	6	24	47	60	16	14	3	4	14	-6	25	-71
Packing Vol Ratio	-9	-7	2	20	22	18	12	9	-2	8	1	5	17	-3
Shell Rugosity	1	45	17	11	18	23	2	-13	8	2	19	1	9	-29
Shell Thickness	5	10	7	22	45	62	17	11	5	1	11	-4	25	-71
Protruding Shell Vol Ratio	-2	7	6	16	21	25	15	1	-1	5	2	0	17	-24
Protruding Shell Volume	-2	15	13	20	34	44	18	0	3	3	6	1	22	-47
Kernel Length	-9	7	13	4	9	10	1	-2	16	-2	0	9	-1	-7
Kernel Height	-2	11	8	-1	-1	5	-3	-4	-1	-4	-3	7	4	4
Kernel Width	-9	12	9	-7	-4	5	-5	-6	1	-4	-3	9	2	7
Kernel Surface Area	-12	8	14	1	4	8	-3	4	10	-1	-3	20	3	4
Kernel Convex Volume	-9	10	12	-1	1	7	-3	-3	6	-4	-3	11	1	2
Kernel Convex Area	-9	10	12	-1	2	7	-3	-4	7	-4	-3	10	1	1
Kernel Ratio Convex Area	11	3	-11	-5	-8	-5	2	-25	-12	-6	4	-32	-7	-10
Kernel Ratio Convex Volume	-1	-10	3	10	12	17	-2	27	-1	6	-1	15	7	-5
Kernel Cavity Area	-10	1	9	-3	5	7	3	-2	4	-3	-2	8	1	0
Kernel Cavity Volume	-7	2	6	-5	4	11	4	-4	-1	-5	0	3	3	-1
Kernel Arc Height	-2	11	13	10	11	13	8	-6	16	2	4	-3	6	-16
Kernel Cavity Height	-8	0	10	-3	5	3	-2	3	12	-3	-5	8	-3	1
Kernel Sphericity	9	-5	-8	1	1	9	0	3	-14	2	3	-14	2	-10
Kernel Ratio Cavity Area	-3	-9	-2	-7	2	-1	6	-7	-5	-1	1	-9	-4	-1
Kernel Ratio Cavity Volume	-2	-9	-4	-6	5	7	9	-3	-9	-2	5	-7	3	-2
Density Kernel vs Shell	-6	-6	-6	-11	-31	-45	-4	-15	-1	2	-8	-5	-15	51
Density Packing vs Shell	-2	-3	0	-9	-10	-20	15	0	6	0	5	-5	4	15
Density Packing vs Kernel	6	2	7	-2	13	13	19	10	8	-2	11	-4	17	-24
Kernel Feret Ratio	-1	-5	6	6	11	5	4	4	14	0	4	-4	-1	-16
	Shell Integrity	Shell Texture	Shell Color	Seal	Shell Strength	Shell Thickness	Packing Tissue	Kernel Fill	Tip Shrivel	Minor Shrivel	Major Shrivel	Plumpness	Ease Of Removal	Percent Kernel