

LD_N2_t5_R3	-0.49	.32	.34	.28	-.19	-.40	-.24	-.16	.90	.93	.93	.89	.95	.96	.82	.94	.88	.98	.62	.78	.98	.96	.63	.9	1.0	.93	.70	.97	.99	.92	.9	.99	-.25	-.33	-.23	-.20	.55	.6	1.40	.577	.6	-.40	.43	.6	-.26	-.35	.99	-.28	.35				
LD_N2_t5_R2	-0.63	.56	.53	.59	.53	-.6	-.37	.65	.38	.46	-.29	.30	-.20	-.40	1.1	-.2	-.12	-.92	-.46	.44	.25	.22	.5	.42	-.92	-.34	.52	-.4	-.20	-.44	.53	-.92	-.35	.55	.53	.63	-.17	.01	.02	.70	.90	.30	.95	.97	.08	.99	.99	.0	.28	.99	1	-.0.3	
LD_N2_t5_R1	-0.67	.58	.56	.62	.55	.59	.38	.67	.32	-.4	-.23	.26	.15	.35	1.8	.06	.40	.4	.49	.30	.16	.44	.8	.98	-.28	.47	.30	-.15	.38	.47	-.4	-.29	.56	.53	.66	-.20	.06	.0	.80	.87	.36	.96	.96	.0	.21	.0	.99	.0	.22	.10	.99	.0.2	
LD_N2_t4_R3	-0.25	.38	-.4	-.34	-.24	-.17	-.28	.23	.9	.94	.94	.9	.96	.96	.86	.95	.90	.97	.68	.83	.98	.95	.68	.92	.99	.92	.80	.98	.98	.90	.93	.99	-.30	-.39	.28	.23	.58	.6	-.20	.50	.80	.94	.37	.9	.19	.28	1	-.0.22	.28	.98			
LD_N2_t4_R2	-0.63	.55	.53	.58	.50	.59	.37	.64	.38	.47	-.29	.30	-.20	-.40	1.1	-.2	-.12	-.92	-.46	.44	.25	.22	.51	.44	-.93	-.34	.53	-.25	-.20	-.44	.53	-.92	-.35	.55	.55	.52	.62	1	.70	.0	.00	.78	.90	.30	.95	.97	.08	.99	1	-.0.28	.99	.99	.0.3
LD_N2_t4_R1	-0.67	.59	.57	.62	.55	.60	.39	.68	-.3	.38	-.20	-.24	.13	.33	.20	.04	.70	.37	.50	.32	.14	.42	.4	.9	-.40	.25	.45	-.32	-.13	.36	.45	.9	.26	.57	.55	.67	-.19	.06	.6	.82	.88	.39	.98	.95	.0	1.0	.99	.0	.19	.0	.99	.0.2	
LD_N2_t3_R3	-0.35	.48	-.5	-.44	-.32	-.26	-.33	.38	.88	.89	.93	.89	.97	.90	.94	.98	.93	.90	.80	.92	.98	.88	.82	.97	.95	.85	.90	.97	.92	.83	.96	.96	-.40	-.48	.38	-.20	.59	.70	.40	.33	.90	1.45	.1	.7	.0	-.0	.08	.97	.02	.08	.98		
LD_N2_t3_R2	-0.5	.39	.39	.45	.38	.44	-.22	.49	.40	.55	.38	.37	.29	.5	.95	.19	-.1	-.54	.37	.18	-.3	.59	.35	.96	.42	.62	-.16	-.29	.52	-.62	-.99	.43	.39	.36	.52	.04	.60	.75	.95	.24	.91	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
LD_N2_t3_R1	-0.65	-.6	.57	.60	.53	.57	.36	.65	.15	.25	.98	.09	.40	.2	.30	.1	1.0	-.20	.24	.59	.44	-.9	.0	.29	.58	.23	-.10	.32	.42	-.9	-.22	.33	.18	-.12	.57	.56	.67	-.15	.06	.18	.89	.84	.51	1.0	.90	.16	.98	.96	.08	.96	.96	.0.1	
LD_N2_t2_R3	-0.5	.58	.60	.57	.42	.38	.35	.49	.70	.64	.76	.74	.83	.68	.95	.89	.89	.66	.95	.99	.84	.6	.95	.94	.70	.56	.97	.84	.69	.54	.92	.74	-.50	.56	.54	1	.6	.5	.72	.7	.08	1.0	.50	.24	.90	.39	.30	.8	.36	.30	.76		
LD_N2_t2_R2	-0.30	.24	.18	.25	-.24	.30	-.06	.35	.53	.66	.50	.47	.44	.65	.12	.35	.22	.67	.19	.92	.44	.70	.31	-.9	.20	.55	.75	.00	.42	.64	.76	-.25	.55	.24	-.2	.32	.16	.27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
LD_N2_t2_R1	-0.47	.46	.45	.47	.37	.36	-.2	.45	.18	.04	.2	.23	.28	.07	.56	.38	.40	.03	.72	.63	.26	.08	.72	.46	.15	.07	.59	.26	.95	.08	.4	1.4	-.44	.42	.5	.95	.01	.44	.10	.67	.7	.89	.75	.4	.82	.78	.2	.80	.70	.14			
LD_N2_t1_R3	-.1	-.1	.09	.06	.20	.1	.13	.14	.04	.76	.64	.73	.80	.74	.60	.77	.76	.66	.59	.66	.70	.66	.54	.65	.68	.60	.52	.68	.65	.56	.50	.69	.6	-.0	-.0	.0	.0	.05	.410	1.0	.44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
LD_N2_t1_R2	-.79	.85	.86	.83	.85	.78	.89	.76	.3	.45	.49	.29	.52	.54	.50	.49	.52	.52	.54	.54	.56	.53	.54	.58	.54	.52	.59	.56	.53	.52	.58	.54	.84	.86	.78	.85	1.0	0	-.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
LD_N2_t1_R1	-.79	.72	.79	.8	.77	.78	.87	.72	-.0	.09	.09	.10	.13	.18	.12	-.1	-.47	.18	.23	.18	.19	-.2	.22	-.2	-.19	.20	.24	-.2	-.19	.20	.22	.08	.73	.73	.91	1.0	.85	.40	.05	.16	-.16	-.15	.94	.20	-.19	.17	.23	-.20	.17	.2			
LD_N2_t0_R3	-.96	.93	.96	.97	.9	.92	.87	.90	.9	-.0	-.04	-.15	.90	.24	.14	-.4	-.27	.38	.12	.62	.53	.29	.10	-.6	.43	.22	.98	.55	-.3	.16	.97	.40	.21	.9	.91	1.0	.79	.78	.05	-.5	.32	.54	.67	.52	.38	.67	.62	.28	.66	.63	.2		
LD_N2_t0_R2	-.92	.98	.94	.92	.92	.94	.93	.93	-.0	-.18	.30	.14	.37	-.27	.47	.36	.45	.25	.65	.58	.39	.23	.65	.50	.32	.20	.62	-.4	.27	-.2	.49	.32	.98	1.0	.90	.73	.86	-.0	.42	-.2	.56	.56	.36	.48	.55	.52	.39	.53	.53	.3			
LD_N2_t0_R1	-.92	.97	.93	.92	.96	.95	.93	.92	.92	-.0	-.23	.95	.29	.19	.40	.29	-.4	.17	-.6	.54	.32	.15	.60	.46	.25	.13	.57	.34	-.2	.12	.43	.23	.9	.9	.9	.73	.84	-.90	.44	.24	.50	.57	.39	.40	.57	.55	.30	.56	.55	.2			
HL_5N2_t7_R4	-0.19	.32	.35	.28	-.19	-.42	-.23	.07	.99	.94	.92	.88	.94	.94	.84	.93	.92	.96	.63	.8	.98	.94	.65	.92	1.0	.90	.79	.99	.99	.9	.92	1	-.0	.26	.32	-.20	.18	.54	.60	1.40	.557	.6	-.42	.43	.6	-.26	-.35	.99	-.29	.35	.98		
HL_5N2_t7_R3	-0.38	.49	.53	.46	.36	-.29	.35	.38	.83	.82	.88	.83	.93	.85	.95	.95	.95	.84	.86	.95	.97	.8	.88	.99	.92	.76	.96	.96	.87	.74	1.0	.92	.43	.49	.40	.22	.58	.6	.40	.25	.92	1.80	.09	.96	.96	.02	.93	.94	.02	.9			
HL_5N2_t7_R2	-0.93	.18	.20	.14	.06	-.2	.18	.02	.90	.97	.93	.89	.9	.98	.69	.84	.69	.98	.44	.57	.86	.99	.42	.72	.9	1.0	.58	.83	.94	1.0	.74	.90	.12	-.2	-.97	.20	.52	-.0	.98	.66	.4	.33	.62	.3	.45	.53	-.0	.47	.53	.92			
HL_5N2_t7_R1	-0.13	.26	.29	.22	-.14	.96	-.2	.10	.9	.96	.92	.88	.93	.96	.79	.9	.86	.98	.54	.72	.96	.97	.56	.86	.99	.95	.72	.96	1.0	.94	.87	.99	.90	-.2	-.27	.16	-.19	.53	.56	.95	.64	.69	.22	.52	.2	.36	.44	.93	.38	.44	.98		
HL_5N2_t6_R4	-0.28	.40	.43	.37	-.27	.20	.29	.27	.87	.89	.90	.86	.94	.9	.89	.95	.96	.92	.73	.88	1.0	.89	.76	.97	.98	.85	.87	1.0	.96	.83	.96	.99	.34	.40	.30	-.2	.56	.65	.26	.42	.84	-.9	.29	.97	.13	.21	.98	.15	.21	.97			
HL_5N2_t6_R3	-0.53	.63	.66	-.6	-.49	.44	.44	.55	.7	.68	.79	.73	.85	.70	.97	.89	.92	.69	.96	.99	.87	.64	.98	.96	.79	.6	1.0	.87	.72	.58	.96	.79	.57	.62	.55	.24	.59	.68	.59	.0	.0	.19	.7	.42	.16	.90	.32	.25	.8	.0	.24	.77	
HL_5N2_t6_R2	-0.93	.19	.22	.14	.07	-.1	.18	.03	.90	.98	.94	.89	.90	.98	.70	.85	.70	.99	.45	.59	.87	1.0	.44	.70	.91	1.0	.6	.85	.95	1.0	.76	.94	.0	.13	.20	.98	.20	.52	-.2	.97	.65	.6	.32	.62	.5	.45	.53	-.2	.47	.52	.98		
HL_5N2_t6_R1	-0.19	.32	.34	.28	-.19	-.40	-.23	.07	.99	.93	.89	.95	.94	.84	.94	.90	.97	.63	.8	.98	.94	.65	.92	1.0	.90	.79	.98	.99	.9	.92	1	-.0	.25	.32	-.22	.19	.54	.60	1.45	.557	.7	-.10	.42	.6	-.25	-.35	.99	-.28	.35				
HL_5N2_t5_R4	-0.40	.52	.55	.49	.38	.32	.35	.40	.18	.1	.8	.87	.82	.92	.83	.96	.95	.97	.82	.87	.97	.96	.78	.89	1.0	.92	.73	.96	.97	.86	.72	.99	.92	.46	.50	.43	-.2	.58	.68	.46	.21	.94	.23	.06	.97	.1	.00	.92	.08	.02	.9		
HL_5N2_t5_R3	-0.59	.66	.68	.64	.52	.49	.45	.62	.59	.53	.68	.62	.75	.58	.93	.8	.83	.54	.98	.96	.75	.48	1.0	.89	.65	.44	.98	.75	.56	.42	.88	.65	.60	.65	-.6	-.22	.54	.65	.72	1.9	.95	.58	.35	.82	.49	.44	.68	.48	.42	.63			
HL_5N2_t5_R2	-0.96	.20	.25	.17	.99	.90	.19	.05	.92	.98	.94	.9	.90	.99	.74	.88	.76	.99	.48	.63	.91	1.0	.48	.78	.94	1.0	.64	.89	.97	.99	.8	.94	.15	.23	.10	-.2	.53	-.4	.93	.73	.60	.29	.59	.8	.42	.51	.95	.44	.5	.96			
HL_5N2_t5_R1	-0.26	.39	.42	.35	.25	-.17	-.28	.24	.9	.90	.93	.89	.96	.93	.9	.97	.95	.94	.73	.88	1.0	.90	.75	.98	.99	.87	.87	1.0	.96	.86	.97	.99	.32	.39	.29	.19	.56	.66	.26	.44	.84	.04	.0	.98	.14	.22	.99	.16	.22	.98			
HL_5N2_t4_R4	-0.50	-.6	.62	.57	.45	-.4	.39	.51	.72	.67	.78	.74	.85	.70	.96	.9	.92	.69	.95	1.0	.88	.63	.96	.97	.8	.59	.99	.88	.72	.57	.95	.80	.54	.58	.53	.18	.54	.70	.63	.02	.99	.44	.18	.92	.32	.25	.83	.3	.25	.78			
HL_5N2_t4_R3	-0.57	.66	.68	.65	.50	.48	.45	.61	.60	.54	.69	.64	.75	.59	.92	.80	.78	.54	1.0	.95	.73	.48	.98	.87	.63	.45	.96	.73	.54	.44	.86	.63	-.6	.65	.62	.23	.54	.66	.72	1.9	.95	.59	.37	.80	.50	.44	.68	.49	.44	.62			
HL_5N2_t4_R2	-0.98	.24	.26	.18	-.10	.92	.19	.07	.94	.98	.96	.92	.95	.99	.78	.90	.81	1.0	.54	.69	.94	.99	.54	.82	.97	.99	.69	.92	.98	.98	.84	.96	-.17	.25	.12	.18	.52	.9	.93	.67	.6	.24	.54	-.9	.37	.46	.97	.4	.46	.98			