

# APPENDIX A

## METRICS RETROFITTING

Retrofitting of new and existing spatial metrics performed at block (3887 features), NIL (88 features) and Municipi (9 features) scale.

Block:

- Metric correlation
- Metric descriptive statistic
- Selected metric correlation

NIL:

- Metric correlation
- Metric descriptive statistic
- Selected metric correlation

Municipi:

- Metric correlation
- Metric descriptive statistic
- Selected metric correlation



Metric	Interval	Min.	Max	Mean	Median	Mode	Curtosi	Asimmetry	St.Dev.	Variance		
BCR_N	1.00	0.00	1.00	0.50	0.51	1.00	-0.69	-0.01	0.23	0.05		Perfect
FAR_N	27.46	0.00	27.46	2.45	2.13	1.00	16.10	1.96	1.72	2.96		Accepted
BVR	1.00	0.00	1.00	0.31	0.28	0.24	1.78	1.09	0.18	0.03		Discarded
BBVR	0.81	0.19	1.00	0.85	0.87	1.00	1.46	-1.03	0.11	0.01		Not accepted
BCHVR	1.00	0.04	1.04	0.69	0.69	1.00	-0.22	-0.12	0.16	0.03		Perfect
BVD	84.40	0.01	84.41	8.13	7.17	4.36	14.03	1.80	5.42	29.42		Accepted
FAI	15.22	0.00	15.22	1.60	1.51	1.10	12.34	1.51	0.95	0.90		Discarded
BSR	0.99	0.01	1.00	0.75	0.81	0.91	2.00	-1.42	0.20	0.04		Not accepted
FSD	15.22	0.00	15.22	1.60	1.51	1.10	12.34	1.51	0.95	0.90		Perfect
CAR	0.94	0.06	1.00	0.44	0.40	0.32	0.96	1.10	0.17	0.03		Accepted
BSAR	15.23	0.00	15.23	3.21	3.16	3.50	6.73	1.37	1.28	1.64		Discarded
BmbgAR	0.94	0.07	1.01	0.70	0.69	0.69	0.01	-0.01	0.14	0.02		Not accepted
BmbgP	1.73	0.78	2.51	1.08	1.04	1.00	13.72	2.81	0.14	0.02		Perfect
BmbgC	0.95	0.05	1.00	0.59	0.59	0.61	0.61	-0.28	0.14	0.02		Accepted
BmbgO	1.00	0.00	1.00	0.58	0.59	0.48	-0.81	-0.14	0.24	0.06		Discarded
BchAR	0.94	0.10	1.04	0.82	0.82	0.81	1.09	-0.74	0.11	0.01		Not accepted
BchP	0.63	0.37	1.00	0.87	0.89	0.92	1.65	-1.14	0.10	0.01		Perfect
BchmbgAR	0.58	0.42	1.00	0.85	0.85	0.83	0.50	-0.37	0.08	0.01		Accepted
BD	302.74	0.10	302.84	15.60	12.27	5.95	107.69	7.65	16.98	288.36		Discarded
BUVR	0.98	0.02	1.00	0.45	0.40	1.00	-0.12	0.72	0.24	0.06		Not accepted
BDSR	0.98	0.02	1.00	0.48	0.40	1.00	-1.42	0.33	0.35	0.12		Perfect
BDF5	0.96	0.04	1.00	0.78	0.91	1.00	-0.82	-0.75	0.26	0.07		Accepted
BFR10	0.98	0.02	1.00	0.61	0.50	1.00	-1.56	-0.03	0.33	0.11		Discarded
UBR	0.91	0.09	1.00	0.93	1.00	1.00	9.84	-2.69	0.12	0.01		Not accepted
Apass	0.77	0.23	1.00	0.91	0.96	1.00	6.23	-2.29	0.11	0.01		Perfect
P/A	1.06	0.04	1.10	0.21	0.19	0.18	19.01	2.89	0.07	0.01		Accepted
S/V	1.90	0.10	2.00	0.37	0.34	0.32	18.67	3.45	0.14	0.02		Discarded
Cff	35.34	4.50	39.84	14.53	14.23	12.74	1.72	0.82	4.39	19.23		Not accepted
Cipq	1.00	0.00	1.00	0.12	0.07	0.04	7.82	2.69	0.14	0.02		Perfect
Cndc_B	0.68	0.32	1.00	0.83	0.84	1.00	-0.84	-0.38	0.14	0.02		Accepted
Cdcm	0.97	0.03	1.00	0.39	0.39	0.39	0.94	0.07	0.10	0.01		Discarded
BptD	22.18	0.00	22.18	0.41	0.04	0.00	95.32	8.32	1.26	1.59		Not accepted
BLD	90.39	0.01	90.40	#NUM!	1.01	0.43	89.54	7.99	4.58	20.99		Perfect
BLBP	1.00	0.00	1.00	0.69	0.79	1.00	-0.80	-0.72	0.32	0.10		Accepted
BL_P/A	0.55	0.01	0.56	0.05	0.04	0.03	19.73	3.48	0.04	0.00		Discarded
BLmbgAR	0.84	0.16	1.00	0.76	0.77	0.82	-0.38	-0.40	0.14	0.02		Not accepted
BLmbgP	1.64	0.78	2.42	0.95	0.93	0.98	19.50	3.42	0.13	0.02		Perfect
BLmbgO	1.00	0.00	1.00	0.49	0.50	0.50	1.80	-0.12	0.16	0.02		Accepted
BLmbgC	0.96	0.04	1.00	0.63	0.63	0.48	-0.86	-0.11	0.21	0.04		Discarded
AwaP*	8873.14	47.37	8920.51	542.11	435.13	443.22	57.18	5.99	498.11	248111.68		Not accepted
VBLAR	0.20	0.80	1.00	1.00	1.00	1.00	26.58	-4.36	0.01	0.00		Perfect
VBLPR	0.55	0.45	1.00	0.97	1.00	1.00	10.17	-3.13	0.07	0.01		Accepted
BL_PBLmean	1223.85	1.68	1225.53	130.62	85.33	44.42	4.36	1.81	124.26	15441.38		Discarded
BL_BPLR	1.00	0.00	1.00	0.35	0.19	1.00	-0.47	1.03	0.35	0.12		Not accepted
BLBR	1.00	0.00	1.00	0.80	0.92	0.97	3.57	-2.19	0.28	0.08		Perfect
BDSBLR	1.00	0.00	1.00	0.54	0.67	0.00	-1.39	-0.54	0.38	0.14		Accepted
CTD	41.45	0.01	41.46	4.38	3.10	0.76	5.29	1.85	4.27	18.25		Discarded
CTBR	7.99	0.01	8.00	0.37	0.21	1.00	64.00	6.17	0.52	0.27		Not accepted
CTBDSR	36.99	0.01	37.00	2.67	1.00	1.00	10.89	2.79	3.75	14.09		Perfect
CTAR_N	1.00	0.00	1.00	0.42	0.27	1.00	18.74	1.95	0.42	0.18		Accepted
CTBLPR	3.38	0.00	3.38	0.73	0.59	0.09	0.75	1.04	0.62	0.39		Discarded
CTCLBPR	33.44	0.00	33.44	0.94	0.72	0.12	237.04	13.21	1.43	2.06		Not accepted
CTmbgA	0.97	0.03	1.00	0.70	0.69	1.00	-0.85	-0.03	0.18	0.03		Perfect
CTchAR	0.71	0.29	1.00	0.84	0.86	1.00	-0.52	-0.57	0.13	0.02		Accepted
CTchP	0.63	0.37	1.00	0.89	0.92	1.00	1.29	-1.27	0.12	0.01		Discarded
CTmbgO	1.00	0.00	1.00	0.51	0.51	0.99	-1.26	-0.03	0.32	0.10		Not accepted

	BCR_G	FAR_N	BBVR	BSR	BmbgAR	BmbgC	BmbgO	BD	BUVR	BDSR	BFR10	UBR	Apass	S/V	Cdcm	BptD	BLD	BLBP	BLmbgAR	BLmbgO	BLmbgC	AwaP*	VBLPR	BLBR	CTD	CTBR	CTAR_N	CTBLBPR	CTmbgAR
BCR_G	1.0																												
FAR_N	-0.1	1.0																											
BBVR	0.7	-0.2	1.0																										
BSR	-0.1	0.4	0.0	1.0																									
BmbgAR	0.2	-0.2	0.2	-0.1	1.0																								
BmbgC	0.1	-0.1	0.1	-0.1	0.0	1.0																							
BmbgO	0.1	0.2	0.3	0.3	0.1	-0.1	1.0																						
BD	-0.4	0.6	-0.3	0.5	-0.2	-0.1	0.3	1.0																					
BUVR	-0.4	0.2	-0.5	0.1	-0.2	-0.1	-0.4	0.2	1.0																				
BDSR	0.3	0.0	0.1	0.0	0.1	0.1	-0.1	-0.2	0.1	1.0																			
BFR10	0.2	-0.2	0.1	-0.2	0.1	0.1	-0.4	-0.4	0.1	0.3	1.0																		
UBR	0.0	0.5	0.0	0.0	0.0	0.0	0.3	0.3	-0.2	-0.1	-0.1	1.0																	
Apass	-0.6	0.3	-0.5	0.3	0.0	-0.1	0.2	0.5	0.3	-0.1	-0.2	0.2	1.0																
S/V	0.1	0.1	0.1	0.5	0.7	0.0	0.3	0.1	-0.1	0.0	-0.1	-0.1	0.2	1.0															
Cdcm	0.1	-0.1	0.1	-0.3	0.2	0.0	-0.2	-0.2	0.1	0.1	0.0	0.0	-0.1	-0.1	1.0														
BptD	0.1	0.2	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.2	0.0	0.1	0.3	0.2	0.0	1.0													
BLD	0.6	-0.1	0.9	0.0	0.3	0.1	0.4	-0.2	-0.6	0.0	0.1	0.1	-0.3	0.2	0.1	0.2	1.0												
BLBP	0.1	0.0	0.2	0.2	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.2	1.0											
BLmbgAR	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0										
BLmbgO	0.1	-0.1	0.0	-0.2	0.1	0.0	-0.1	-0.1	0.0	0.0	0.1	-0.1	-0.1	0.0	0.1	-0.1	0.0	0.0	0.0	1.0									
BLmbgC	-0.3	-0.1	-0.4	-0.2	-0.2	0.0	-0.3	0.0	0.1	-0.2	-0.2	-0.2	0.0	-0.3	0.0	-0.3	-0.4	-0.2	0.0	-0.1	1.0								
AwaP*	0.2	0.0	0.2	0.1	0.1	0.0	0.1	0.0	-0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.2	0.2	0.0	-0.1	-0.5	1.0							
VBLPR	-0.1	0.0	0.1	-0.1	0.0	0.1	0.2	0.0	-0.6	-0.5	-0.3	0.2	-0.2	-0.1	-0.2	-0.5	0.1	0.0	0.0	0.0	0.3	-0.1	1.0						
BLBR	-0.5	0.1	-0.4	0.0	-0.2	0.0	-0.1	0.2	0.2	-0.8	-0.3	0.0	0.1	-0.2	-0.1	-0.3	-0.4	0.0	0.0	0.0	0.4	-0.2	0.5	1.0					
CTD	0.5	0.0	0.5	0.1	0.3	0.1	0.3	-0.2	-0.3	0.4	0.2	0.3	-0.3	0.3	0.0	0.4	0.5	0.0	0.0	0.0	-0.3	0.2	-0.1	-0.6	1.0				
CTBR	0.3	-0.2	0.2	-0.1	0.2	0.0	-0.3	-0.4	0.2	0.4	0.3	-0.2	-0.3	0.1	0.3	0.2	0.1	0.0	0.0	0.0	-0.2	0.1	-0.6	-0.4	0.5	1.0			
CTAR_N	0.7	0.1	0.6	0.1	0.4	0.1	0.3	-0.2	-0.3	0.5	0.3	0.2	-0.4	0.3	0.1	0.5	0.6	0.1	0.0	0.0	-0.4	0.2	-0.2	-0.7	0.6	0.3	1.0		
CTBLBPR	0.4	0.0	0.5	0.0	0.2	0.1	0.3	-0.2	-0.5	0.2	0.1	0.3	-0.3	0.1	0.0	0.0	0.5	0.1	0.0	0.1	-0.2	0.2	0.2	-0.4	0.5	0.2	0.7	1.0	
CTmbgAR	-0.3	0.0	-0.4	0.1	-0.1	0.0	-0.3	0.0	0.4	-0.1	0.0	-0.2	0.1	-0.1	0.1	-0.1	-0.4	0.1	0.0	0.0	0.2	-0.1	-0.2	0.2	-0.1	0.1	-0.4	-0.5	1.0



Metric	Interval	Min	Max	Mean	Median	Mode	Curtosi	Asimmetry	St.Dev.	Variance	
BCR_G	0.47	0.01	0.48	0.20	0.19	0.30	-0.97	0.19	0.12	0.01	Perfect
FAR_G	2.87	0.01	2.88	0.91	0.71	0.57	-0.19	0.75	0.68	0.47	Accepted
BCR_N	0.93	0.03	0.96	0.38	0.34	0.27	0.15	0.63	0.22	0.05	Accepted
FAR_N	4.43	0.07	4.50	1.54	1.38	1.09	0.15	0.66	0.98	0.96	Discarded
BVR	0.16	0.00	0.16	0.05	0.05	0.03	-0.18	0.81	0.04	0.00	Not accepted
BBVR	0.45	0.50	0.95	0.80	0.82	0.83	2.93	-1.40	0.08	0.01	Perfect
BCHVR	0.51	0.28	0.79	0.59	0.61	0.62	2.05	-1.07	0.09	0.01	Accepted
BVD	9.31	0.06	9.37	3.04	2.44	2.00	-0.29	0.70	2.22	4.95	Discarded
FAI	1.57	0.01	1.58	0.58	0.47	0.32	-0.69	0.56	0.41	0.17	Discarded
BSR	0.78	0.02	0.80	0.44	0.44	0.66	-0.90	-0.31	0.21	0.05	Perfect
FSD	1.57	0.01	1.58	0.58	0.47	0.32	-0.69	0.56	0.41	0.17	Discarded
CAR	0.60	0.39	0.99	0.68	0.68	0.49	-0.99	0.18	0.17	0.03	Discarded
BSAR	2.69	1.13	3.82	2.58	2.72	3.47	-0.85	-0.42	0.69	0.48	Discarded
BmbgAR	0.41	0.37	0.78	0.63	0.64	0.64	2.99	-1.26	0.07	0.00	Accepted
CTBLPR	1.07	0.00	1.07	0.28	0.15	0.04	0.28	1.21	0.29	0.08	Discarded
BmbgC	0.26	0.40	0.66	0.53	0.53	0.54	-0.56	-0.08	0.06	0.00	Perfect
BmbgO	0.21	0.38	0.58	0.49	0.49	#N/D	2.58	-0.45	0.03	0.00	Not accepted
BchAR	0.39	0.50	0.89	0.77	0.78	0.80	4.99	-1.75	0.07	0.00	Discarded
BchP	0.21	0.74	0.95	0.87	0.88	0.88	1.01	-0.96	0.04	0.00	Not accepted
BchmbgAR	0.16	0.73	0.89	0.82	0.82	0.83	0.67	-0.41	0.03	0.00	Not accepted
BD	12.68	0.24	12.92	4.97	4.09	7.32	-0.56	0.56	3.28	10.76	Discarded
BUVR	0.67	0.18	0.85	0.44	0.41	0.39	0.39	0.58	0.13	0.02	Perfect
BDSR	0.71	0.13	0.84	0.49	0.51	0.57	-1.19	-0.15	0.20	0.04	Perfect
BFR5	0.42	0.52	0.94	0.72	0.71	0.70	0.05	0.42	0.09	0.01	Perfect
BFR10	0.66	0.28	0.94	0.46	0.46	0.40	2.26	1.15	0.12	0.02	Perfect
UBR	0.53	0.42	0.95	0.69	0.68	0.67	0.57	-0.04	0.11	0.01	Perfect
Apass	0.47	0.51	0.98	0.83	0.86	0.89	0.91	-1.17	0.10	0.01	Perfect
P/A	0.17	0.10	0.27	0.19	0.18	0.18	0.54	0.27	0.03	0.00	Not accepted
S/V	0.35	0.24	0.59	0.35	0.35	0.33	2.50	1.22	0.06	0.00	Perfect
Cff	68.81	15.70	84.51	54.49	56.64	49.74	-0.22	-0.44	14.88	221.33	Discarded
Cipq	0.05	0.00	0.05	0.00	0.00	0.00	33.03	5.33	0.01	0.00	Not accepted
Cndc_B	0.30	0.68	0.98	0.86	0.87	0.91	-0.91	-0.34	0.08	0.01	Perfect
Cdcm	0.25	0.18	0.43	0.33	0.33	0.34	0.19	-0.50	0.05	0.00	Perfect
BptD	0.90	0.00	0.90	0.24	0.23	0.27	4.46	1.45	0.14	0.02	Perfect
BLD	0.82	0.00	0.82	#NUM!	0.22	0.10	-0.40	0.71	0.20	0.04	Perfect
BLBP	0.93	0.00	0.93	0.48	0.47	0.28	-1.11	0.10	0.24	0.06	Perfect
BL_P/A	0.04	0.01	0.05	0.03	0.03	0.03	-0.54	-0.03	0.01	0.00	Not accepted
BLmbgAR	0.40	0.44	0.84	0.67	0.67	0.67	-0.61	0.04	0.09	0.01	Perfect
BLmbgP	0.52	0.89	1.41	1.04	1.01	0.95	1.34	1.32	0.11	0.01	Not accepted
BLmbgO	0.66	0.16	0.82	0.49	0.50	0.33	2.00	0.00	0.10	0.01	Perfect
BLmbgC	0.58	0.29	0.87	0.59	0.60	0.61	3.52	0.03	0.08	0.01	Perfect
AwaP	81092.70	19.90	81112.60	22077.73	19815.50	#N/D	0.71	0.99	18497.17	342145124.03	Discarded
VBLAR	0.03	0.97	1.00	0.99	0.99	0.99	2.01	-0.66	0.01	0.00	Not accepted
VBLPR	0.31	0.68	0.99	0.91	0.93	0.95	2.08	-1.39	0.07	0.00	Perfect
BL_PBLmean	182.27	6.90	189.17	72.92	62.20	#N/D	0.80	1.17	40.20	1616.04	Discarded
BL_BPLR	0.03	0.00	0.03	0.00	0.00	0.00	8.56	2.85	0.01	0.00	Not accepted
BLBR	0.32	0.68	1.00	0.94	0.95	0.96	28.51	-4.27	0.04	0.00	Discarded
BDSBLR	0.69	0.30	0.99	0.85	0.89	0.92	3.87	-1.82	0.13	0.02	Perfect
CTD	5.14	0.01	5.15	0.79	0.28	0.11	4.22	2.05	1.09	1.18	Discarded
CTBR	0.75	0.01	0.76	0.12	0.08	0.03	6.95	2.46	0.14	0.02	Perfect
CTBDSR	4.42	0.02	4.44	0.48	0.15	0.06	10.13	2.93	0.78	0.62	Discarded
CTAR_N	0.47	0.00	0.47	0.08	0.02	0.01	3.41	1.98	0.11	0.01	Perfect
BmbgP	0.28	0.98	1.26	1.07	1.06	1.05	3.25	1.48	0.05	0.00	Not accepted
CTBLBPR	2.88	0.02	2.90	0.51	0.39	0.22	11.93	2.53	0.42	0.18	Discarded
CTmbgAR	0.62	0.37	0.99	0.67	0.63	0.58	-0.11	0.83	0.14	0.02	Perfect
CTchAR	0.41	0.59	1.00	0.81	0.78	0.76	-0.79	0.44	0.10	0.01	Perfect
CTchP	0.40	0.60	1.00	0.87	0.87	0.85	0.60	-0.45	0.08	0.01	Perfect
CTmbgO	0.65	0.35	1.00	0.86	0.88	0.94	4.43	-1.63	0.11	0.01	Perfect

	BCR_G	FAR_N	BBVR	BSR	BmbgAR	BmbgC	BmbgO	BD	BUVR	BDSR	BFR10	UBR	Apass	S/V	Cdcm	BptD	BLD	BLBP	BLmbgAR	BLmbgO	BLmbgC	AwaP*	VBLPR	BLBR	CTD	CTBR	CTAR_N	CTBLBPR	CTmbgAR	
BCR_G	1.0																													
FAR_N	0.7	1.0																												
BBVR	-0.1	-0.3	1.0																											
BSR	1.0	0.7	0.0	1.0																										
BmbgAR	0.1	0.0	0.2	0.1	1.0																									
BmbgC	0.7	0.5	-0.2	0.6	0.1	1.0																								
BmbgO	0.2	0.2	-0.1	0.2	0.0	0.2	1.0																							
BD	0.9	0.5	0.2	0.9	0.1	0.6	0.1	1.0																						
BUVR	-0.5	-0.5	0.4	-0.5	0.2	-0.5	-0.3	-0.3	1.0																					
BDSR	-0.9	-0.6	0.0	-0.9	-0.1	-0.7	-0.1	-0.9	0.4	1.0																				
BFR10	-0.6	-0.3	-0.1	-0.6	0.2	-0.3	0.3	-0.6	0.0	0.6	1.0																			
UBR	0.2	0.3	-0.3	0.1	-0.2	0.1	0.2	-0.1	-0.6	-0.1	0.2	1.0																		
Apass	0.2	0.1	0.5	0.3	-0.3	0.1	-0.2	0.5	0.0	-0.3	-0.4	0.0	1.0																	
S/V	-0.6	-0.4	0.2	-0.6	-0.3	-0.4	-0.4	-0.3	0.5	0.4	0.0	-0.2	0.3	1.0																
Cdcm	0.5	0.4	-0.2	0.4	0.6	0.8	0.2	0.5	-0.3	-0.5	-0.1	0.0	-0.2	-0.4	1.0															
BptD	0.3	0.4	-0.2	0.3	-0.6	0.2	0.3	0.1	-0.5	-0.3	-0.1	0.5	0.2	-0.1	-0.1	1.0														
BLD	0.9	0.6	0.0	0.9	0.1	0.7	0.2	0.9	-0.4	-0.8	-0.4	0.1	0.4	-0.5	0.5	0.3	1.0													
BLBP	0.9	0.7	-0.1	0.9	0.0	0.7	0.2	0.8	-0.4	-0.9	-0.6	0.2	0.3	-0.4	0.4	0.4	0.8	1.0												
BLmbgAR	0.1	0.3	-0.1	0.1	0.0	0.1	0.0	0.2	-0.1	-0.1	-0.1	-0.1	0.1	0.1	0.0	0.0	0.1	0.2	1.0											
BLmbgO	0.4	0.2	0.0	0.4	0.2	0.3	0.1	0.4	-0.1	-0.3	-0.1	0.1	0.2	-0.2	0.3	0.1	0.4	0.3	0.1	1.0										
BLmbgC	0.0	0.1	-0.1	0.0	-0.2	0.1	0.0	0.0	-0.2	0.1	0.1	0.2	0.1	-0.1	0.0	0.2	0.0	0.0	0.2	-0.2	1.0									
AwaP*	0.4	-0.1	0.2	0.4	0.0	0.2	-0.1	0.4	-0.1	-0.2	-0.2	-0.1	0.3	-0.2	0.1	0.0	0.4	0.2	-0.3	0.2	0.0	1.0								
VBLPR	0.5	0.5	0.0	0.5	0.2	0.5	0.2	0.5	-0.3	-0.5	-0.2	0.1	0.1	-0.4	0.4	0.1	0.5	0.6	0.3	0.2	0.1	0.0	1.0							
BLBR	-0.1	0.0	0.2	0.0	0.0	-0.2	-0.4	0.1	0.4	-0.1	-0.5	-0.5	0.1	0.4	-0.3	-0.2	-0.2	0.0	0.1	-0.2	-0.1	-0.1	-0.1	1.0						
CTD	0.8	0.7	-0.1	0.7	0.0	0.7	0.2	0.7	-0.5	-0.8	-0.3	0.3	0.3	-0.4	0.5	0.5	0.8	0.8	0.1	0.3	0.1	0.2	0.4	-0.2	1.0					
CTBR	0.6	0.7	-0.3	0.5	0.0	0.6	0.2	0.3	-0.6	-0.6	-0.2	0.5	0.0	-0.4	0.4	0.5	0.6	0.6	0.0	0.2	0.1	0.1	0.3	-0.3	0.9	1.0				
CTAR_N	0.7	0.8	-0.2	0.6	-0.1	0.6	0.3	0.5	-0.6	-0.6	-0.2	0.3	0.3	-0.3	0.3	0.6	0.7	0.7	0.3	0.2	0.3	0.1	0.4	-0.1	0.9	0.7	1.0			
CTBLBPR	0.8	0.8	-0.2	0.8	0.0	0.7	0.2	0.7	-0.5	-0.8	-0.3	0.3	0.3	-0.4	0.5	0.5	0.8	0.9	0.2	0.3	0.1	0.1	0.5	-0.1	0.9	0.8	0.9	1.0		
CTmbgAR	-0.5	-0.4	0.1	-0.5	0.1	-0.4	-0.2	-0.5	0.4	0.6	0.3	0.0	-0.2	0.2	-0.3	-0.3	-0.4	-0.6	-0.1	-0.2	-0.1	0.0	-0.3	0.0	-0.3	-0.1	-0.4	-0.4	1.0	





Metric	Interval	Min	Max	Mean	Median	Mode	Curtosi	Asimmetry	St.Dev.	Variance		
BCR_G	0.29	0.1	0.39	0.20	0.17	0.17	2.08	1.22	0.09	0.01		Perfect
FAR_G	1.88	0.37	2.25	0.89	0.71	#N/D	5.09	2.07	0.56	0.31		Accepted
BCR_N	0.33	0.22	0.55	0.39	0.37	0.55	-0.63	0.22	0.11	0.01		Discarded
FAR_N	2.21	0.94	3.15	1.73	1.53	1.53	1.04	1.28	0.70	0.49		Not accepted
BVR	0.06	0.01	0.07	0.03	0.03	0.03	1.24	1.06	0.02	0.00		
BBVR	0.11	0.75	0.86	0.79	0.79	0.76	-0.48	0.54	0.04	0.00		
BCHVR	0.09	0.54	0.63	0.59	0.6	0.61	-0.87	-0.41	0.03	0.00		
BVD	6.08	1.25	7.33	2.98	2.4	#N/D	4.81	1.99	1.81	3.26		
FAI	1.07	0.25	1.32	0.57	0.46	#N/D	4.39	1.90	0.32	0.10		
BSR	0.46	0.28	0.74	0.46	0.43	0.42	1.07	0.76	0.14	0.02		
FSD	1.07	0.25	1.32	0.57	0.46	#N/D	4.39	1.90	0.32	0.10		
CAR	0.37	0.43	0.8	0.66	0.69	0.69	1.59	-0.97	0.11	0.01		
BSAR	0.82	2.52	3.34	2.79	2.69	2.63	1.62	1.29	0.26	0.07		
BmbgAR	0.08	0.59	0.67	0.63	0.63	0.64	-0.04	0.00	0.02	0.00		
CTBLPR	0.12	1.05	1.17	1.08	1.07	1.07	7.20	2.57	0.04	0.00		
BmbgC	0.12	0.51	0.63	0.55	0.53	0.53	1.64	1.39	0.04	0.00		
BmbgO	0.18	0.49	0.67	0.58	0.6	0.61	-1.30	-0.12	0.06	0.00		
BchAR	0.07	0.73	0.8	0.77	0.77	0.78	-0.31	-0.58	0.02	0.00		
BchP	0.11	0.78	0.89	0.86	0.87	0.87	6.99	-2.50	0.03	0.00		
BchmbgAR	0.03	0.81	0.84	0.82	0.82	0.82	-0.01	0.50	0.01	0.00		
BD	4.67	2.36	7.03	4.64	4.05	#N/D	-1.24	0.40	1.68	2.82		
BUVR	0.3	0.23	0.53	0.40	0.4	0.38	1.20	-0.69	0.09	0.01		
BDSR	0.29	0.19	0.48	0.39	0.42	0.47	0.49	-1.16	0.10	0.01		
BFR5	0.08	0.67	0.75	0.71	0.7	0.69	-0.66	0.27	0.03	0.00		
BFR10	0.18	0.34	0.52	0.44	0.43	0.46	-0.29	-0.16	0.06	0.00		
UBR	0.32	0.44	0.76	0.54	0.53	0.53	5.66	2.09	0.09	0.01		
Apass	0.08	0.8	0.88	0.84	0.85	0.88	-1.51	-0.27	0.03	0.00		
P/A	0.05	0.16	0.21	0.18	0.18	0.18	2.13	1.02	0.01	0.00		
S/V	0.06	0.29	0.35	0.33	0.34	0.34	3.80	-1.80	0.02	0.00		
Cff	13.09	117.77	130.86	121.91	120.96	#N/D	0.22	1.19	4.76	22.70		
Cipq	0	0	0	0.00	0	0	#DIV/0!	#DIV/0!	0.00	0.00		
Cndc_B	0.1	0.75	0.85	0.82	0.84	0.85	-0.40	-1.04	0.04	0.00		
Cdcm	0.07	0.3	0.37	0.33	0.33	0.3	-1.52	0.15	0.03	0.00		
BptD	0.32	0.18	0.5	0.26	0.24	0.22	7.51	2.64	0.09	0.01		
BLD	0.51	0.09	0.6	#NUM!	0.22	#N/D	2.71	1.54	0.15	0.02		
BLBP	0.38	0.46	0.84	0.57	0.49	0.49	0.44	1.26	0.13	0.02		
BL_P/A	0.02	0.02	0.04	0.03	0.03	0.03	-0.29	0.61	0.01	0.00		
BLmbgAR	0.11	0.63	0.74	0.68	0.68	0.68	1.52	0.27	0.03	0.00		
BLmbgP	0.1	0.94	1.04	1.00	1	1.04	-1.00	-0.27	0.04	0.00		
BLmbgO	0.15	0.85	1	0.94	0.95	0.95	0.88	-0.76	0.05	0.00		
BLmbgC	0.04	0.57	0.61	0.59	0.58	0.58	-1.82	0.23	0.02	0.00		
AwaP	137010.6	44610.4	181621	122509.72	130048	#N/D	-0.73	-0.40	45693.11	2087860157.26		
VBLAR	0	0.99	0.99	0.99	0.99	0.99	#DIV/0!	#DIV/0!	0.00	0.00		
VBLPR	0.06	0.9	0.96	0.93	0.93	0.91	-1.31	0.27	0.02	0.00		
BL_PBLmean	89.33	57.01	146.34	81.20	68.91	#N/D	2.54	1.75	29.30	858.21		
BL_BPLR	0	0	0	0.00	0	0	#DIV/0!	#DIV/0!	0.00	0.00		
BLBR	0.05	0.91	0.96	0.95	0.95	0.95	5.34	-2.13	0.02	0.00		
BDSBLR	0.36	0.55	0.91	0.84	0.87	0.86	7.46	-2.67	0.11	0.01		
CTD	3.42	0.2	3.62	0.84	0.42	#N/D	7.69	2.72	1.07	1.15		
CTBR	0.46	0.06	0.52	0.16	0.11	0.11	7.86	2.74	0.14	0.02		
CTBDSR	2.55	0.13	2.68	0.55	0.27	#N/D	8.24	2.84	0.81	0.66		
CTAR_N	0.25	0.02	0.27	0.08	0.04	0.04	2.41	1.80	0.09	0.01		
BmbgP	0.67	0.19	0.86	0.37	0.32	0.34	2.13	1.65	0.22	0.05		
CTBLBPR	0.61	0.41	1.02	0.62	0.54	#N/D	0.26	1.07	0.21	0.04		
CTmbgAR	0.07	0.55	0.62	0.59	0.59	0.62	-1.10	-0.36	0.03	0.00		
CTchAR	0.08	0.7	0.78	0.75	0.75	0.78	0.00	-0.68	0.03	0.00		
CTchP	0.06	0.81	0.87	0.84	0.83	0.81	-2.08	0.27	0.03	0.00		
CTmbgO	0.15	0.85	1	0.94	0.95	0.95	0.88	-0.76	0.05	0.00		

	BCR_G	FAR_N	BBVR	BSR	BmbgAR	BmbgC	BmbgO	BD	BUVR	BDSR	BFR10	UBR	Apass	S/V	Cdcm	BptD	BLD	BLBP	BLmbgAR	BLmbgO	BLmbgC	AwaP	VBLAR	BLBR	CTD	CTBR	CTAR_N	CTBLBPR	CTmbgAR	
BCR_G	1.0																													
FAR_N	0.9	1.0																												
BBVR	-0.8	-0.5	1.0																											
BSR	1.0	0.9	-0.7	1.0																										
BmbgAR	-0.2	-0.2	0.1	-0.2	1.0																									
BmbgC	0.9	0.9	-0.5	0.9	-0.1	1.0																								
BmbgO	0.4	0.2	-0.5	0.3	-0.1	0.5	1.0																							
BD	0.9	0.8	-0.6	0.9	0.0	0.9	0.2	1.0																						
BUVR	-0.8	-0.8	0.7	-0.8	0.3	-0.8	-0.4	-0.6	1.0																					
BDSR	-0.8	-0.9	0.4	-0.8	0.0	-0.9	-0.4	-0.7	0.8	1.0																				
BFR10	-0.5	-0.4	0.3	-0.5	0.1	-0.4	0.0	-0.6	0.0	0.2	1.0																			
UBR	0.8	0.8	-0.6	0.8	-0.5	0.7	0.5	0.5	-0.9	-0.7	-0.2	1.0																		
Apass	0.2	0.4	0.4	0.1	-0.3	0.4	0.0	0.1	0.0	-0.4	-0.5	0.2	1.0																	
S/V	-0.8	-0.8	0.4	-0.8	0.3	-0.9	-0.5	-0.6	0.9	0.9	0.1	-0.9	-0.3	1.0																
Cdcm	0.7	0.7	-0.4	0.8	0.3	0.9	0.4	0.8	-0.6	-0.8	-0.3	0.4	0.2	-0.7	1.0															
BptD	0.8	0.8	-0.5	0.8	-0.5	0.8	0.5	0.5	-0.8	-0.8	-0.3	1.0	0.4	-0.9	0.5	1.0														
BLD	1.0	0.8	-0.7	1.0	-0.3	0.9	0.5	0.9	-0.7	-0.8	-0.6	0.8	0.3	-0.9	0.7	0.8	1.0													
BLBP	0.9	1.0	-0.5	0.9	-0.1	1.0	0.4	0.9	-0.8	-0.9	-0.4	0.7	0.4	-0.8	0.8	0.9	1.0													
BLmbgAR	0.2	0.5	0.0	0.3	0.4	0.3	-0.5	0.4	-0.3	-0.5	-0.1	0.0	0.2	-0.1	0.5	0.1	0.1	0.5	1.0											
BLmbgO	-0.1	-0.2	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.3	-0.1	-0.3	-0.1	0.1	0.1	-0.2	0.0	-0.2	-0.3	1.0										
BLmbgC	0.2	0.2	0.2	0.2	-0.3	0.2	-0.2	0.1	0.0	-0.1	-0.6	0.2	0.6	-0.3	0.1	0.4	0.3	0.2	0.0	0.0	1.0									
AwaP*	0.5	0.1	-0.5	0.5	-0.3	0.3	0.4	0.4	-0.4	0.0	-0.1	0.4	-0.3	-0.5	0.3	0.3	0.5	0.1	-0.6	0.4	0.2	1.0								
VBLPR	0.8	0.9	-0.4	0.9	-0.1	0.8	-0.1	0.9	-0.6	-0.7	-0.6	0.5	0.4	-0.7	0.7	0.6	0.8	0.9	0.6	-0.2	0.4	0.1	1.0							
BLBR	-0.8	-0.7	0.6	-0.8	0.5	-0.8	-0.6	-0.6	0.8	0.7	0.3	-0.9	-0.2	0.9	-0.6	-0.9	-0.9	-0.7	0.2	-0.1	-0.3	-0.7	-0.5	1.0						
CTD	0.9	0.9	-0.5	0.9	-0.4	0.9	0.5	0.7	-0.8	-0.8	-0.4	0.9	0.4	-0.9	0.7	1.0	0.9	0.9	0.1	-0.2	0.4	0.4	0.7	-0.9	1.0					
CTBR	0.8	0.9	-0.5	0.8	-0.4	0.9	0.5	0.6	-0.8	-0.8	-0.3	0.9	0.4	-0.9	0.6	1.0	0.8	0.8	0.1	-0.2	0.4	0.3	0.6	-0.9	1.0	1.0				
CTAR_N	0.8	1.0	-0.4	0.8	-0.2	0.9	0.3	0.7	-0.8	-0.9	-0.3	0.8	0.5	-0.9	0.8	0.9	0.8	1.0	0.4	-0.2	0.3	0.1	0.8	-0.8	0.9	0.9	1.0			
CTBLBPR	0.6	0.9	-0.3	0.6	-0.1	0.8	0.4	0.5	-0.8	-1.0	-0.1	0.8	0.4	-0.8	0.7	0.8	0.6	0.9	0.5	-0.4	0.1	-0.1	0.6	-0.6	0.8	0.8	0.9	1.0		
CTmbgAR	0.4	0.2	-0.7	0.3	0.0	0.3	0.5	0.2	-0.4	-0.1	-0.4	0.3	0.0	-0.1	0.2	0.4	0.4	0.2	-0.2	0.5	0.1	0.3	0.1	-0.4	0.4	0.4	0.2	0.2	1.0	