Supplementary Table S3. Spearman's Correlation Coefficient Between All Considered Metrics

	M-value	MAGE	LI	ADRR	J-index	LGBI	HBGI	RI	CONGA	MODD	GRADE	MAG	IGC	PGS	GVP	Mean	SD	CV	GRADE	%GRADE$_{hypo}$	%GRADE$_{hyper}$	%GRADE$_{eu}$	AARC
M-value	1.00																						
MAGE	0.76	1.00																					
LI	0.58	0.61	1.00																				
ADRR	0.72	0.70	0.53	1.00																			
J-index	0.81	0.75	0.57	0.54	1.00																		
LGBI	0.11	0.10	0.09	0.32	−0.33	1.00																	
HBGI	0.81	0.69	0.54	0.51	0.99	−0.36	1.00																
RI	0.97	0.75	0.59	0.65	0.90	−0.06	0.91	1.00															
CONGA	0.55	0.65	0.89	0.55	0.56	0.10	0.50	0.55	1.00														
MODD	0.64	0.61	0.43	0.66	0.60	0.08	0.58	0.63	0.43	1.00													
GRADE	0.78	0.56	0.50	0.44	0.89	−0.34	0.93	0.89	0.43	0.51	1.00												
MAG	0.44	0.37	0.87	0.43	0.41	0.10	0.40	0.45	0.77	0.30	0.41	1.00											
IGC	0.93	0.66	0.54	0.73	0.61	0.36	0.61	0.86	0.51	0.57	0.63	0.45	1.00										
PGS	0.90	0.72	0.52	0.71	0.80	0.05	0.81	0.92	0.51	0.63	0.82	0.41	0.86	1.00									
GVP	0.62	0.55	0.59	0.67	0.52	0.16	0.49	0.59	0.55	0.45	0.45	0.61	0.60	0.60	1.00								
Mean	0.67	0.56	0.46	0.36	0.94	−0.55	0.96	0.80	0.42	0.48	0.91	0.34	0.44	0.69	0.40	1.00							
SD	0.75	0.90	0.61	0.69	0.78	0.09	0.70	0.75	0.72	0.63	0.56	0.43	0.66	0.73	0.59	0.57	1.00						
CV	0.44	0.67	0.41	0.58	0.27	0.54	0.16	0.34	0.58	0.40	0.04	0.29	0.50	0.39	0.43	0.00	0.77	1.00					
GRADE	0.78	0.56	0.50	0.44	0.89	−0.34	0.93	0.89	0.43	0.51	1.00	0.41	0.63	0.82	0.45	0.91	0.56	0.04	1.00				
%GRADE$_{hypo}$	0.24	0.24	0.24	0.44	−0.07	0.71	−0.10	0.13	0.26	0.21	−0.04	0.24	0.45	0.26	0.28	−0.23	0.26	0.51	−0.04	1.00			
%GRADE$_{hyper}$	0.28	0.19	0.14	0.02	0.54	−0.60	0.59	0.40	0.08	0.20	0.50	0.07	0.04	0.28	0.08	0.63	0.17	−0.27	0.50	−0.65	1.00		
%GRADE$_{eu}$	−0.73	−0.50	−0.44	−0.49	−0.63	0.00	−0.67	−0.75	−0.36	−0.47	−0.67	−0.35	−0.65	−0.70	−0.42	−0.57	−0.47	−0.16	−0.67	−0.05	−0.58	1.00	
AARC	0.62	0.55	0.60	0.67	0.53	0.15	0.50	0.59	0.55	0.45	0.46	0.63	0.60	0.60	0.99	0.40	0.58	0.42	0.46	0.28	0.09	−0.42	1.00
	M-value	MAGE	LI	ADRR	J-index	LGBI	HBGI	RI	CONGA	MODD	GRADE	MAG	IGC	PGS	GVP	Mean	SD	CV	GRADE	%GRADE$_{hypo}$	%GRADE$_{hyper}$	%GRADE$_{eu}$	AARC
(54–140)	−0.63	−0.49	−0.43	−0.33	−0.85	0.49	−0.87	−0.77	−0.40	−0.42	−0.93	−0.36	−0.47	−0.72	−0.36	−0.92	−0.50	0.04	−0.93	0.13	−0.51	0.55	−0.37
(54–180)	−0.83	−0.65	−0.54	−0.50	−0.92	0.29	−0.95	−0.93	−0.51	−0.55	−0.95	−0.43	−0.68	−0.87	−0.48	−0.90	−0.66	−0.17	−0.95	0.02	−0.51	0.70	−0.49
(70–140)	−0.70	−0.53	−0.47	−0.41	−0.84	0.35	−0.86	−0.82	−0.44	−0.47	−0.93	−0.39	−0.59	−0.80	−0.41	−0.87	−0.54	−0.05	−0.93	0.02	−0.45	0.59	−0.42
(70–180)	−0.88	−0.68	−0.57	−0.57	−0.87	0.13	−0.90	−0.95	−0.53	−0.58	−0.91	−0.45	−0.79	−0.92	−0.52	−0.82	−0.69	−0.26	−0.91	−0.10	−0.43	0.73	−0.52
<50	0.32	0.22	0.25	0.49	−0.07	0.77	−0.09	0.18	0.27	0.20	−0.02	0.27	0.56	0.32	0.34	−0.23	0.23	0.48	−0.02	0.73	−0.51	−0.14	0.33
<54	0.30	0.22	0.22	0.48	−0.10	0.82	−0.12	0.16	0.24	0.19	−0.06	0.25	0.55	0.31	0.32	−0.28	0.22	0.50	−0.06	0.76	−0.53	−0.13	0.31
<70	0.17	0.14	0.14	0.37	−0.26	0.96	−0.28	0.02	0.15	0.13	−0.25	0.14	0.43	0.15	0.20	−0.46	0.14	0.54	−0.25	0.74	−0.56	−0.04	0.20
>140	0.54	0.44	0.39	0.26	0.84	−0.59	0.87	0.70	0.36	0.38	0.89	0.32	0.36	0.64	0.30	0.94	0.45	−0.11	0.89	−0.23	0.59	−0.50	0.32
>160	0.66	0.54	0.46	0.36	0.90	−0.48	0.93	0.80	0.43	0.47	0.93	0.36	0.48	0.74	0.38	0.96	0.56	0.01	0.93	−0.17	0.61	−0.60	0.39
>180	0.74	0.61	0.51	0.43	0.94	−0.41	0.97	0.86	0.47	0.52	0.93	0.40	0.55	0.79	0.43	0.95	0.63	0.10	0.93	−0.13	0.60	−0.65	0.44
	M-value	MAGE	LI	ADRR	J-index	LGBI	HBGI	RI	CONGA	MODD	GRADE	MAG	IGC	PGS	GVP	Mean	SD	CV	GRADE	GRADE$_{hypo}$	GRADE$_{hyper}$	GRADE$_{eu}$	AARC
(54–140)	1.00																						
(54–180)	0.89	1.00																					
(70–140)	0.98	0.90	1.00																				
(70–180)	0.82	0.97	0.88	1.00																			
<50	0.13	−0.01	0.02	−0.12	1.00																		
<54	0.17	0.03	0.05	−0.10	0.95	1.00																	
<70	0.39	0.21	0.23	0.03	0.76	0.83	1.00																
>140	−0.98	−0.85	−0.93	−0.76	−0.25	−0.29	−0.49	1.00															
>160	−0.95	−0.93	−0.93	−0.87	−0.18	−0.22	−0.40	0.96	1.00														
>180	−0.90	−0.98	−0.89	−0.92	−0.13	−0.16	−0.33	0.90	0.97	1.00													
	(54–140)	(54–180)	(70–140)	(70–180)	<50	<54	<70	>140	>160	>180													

Those in red are statistically significant correlations ($p < 0.05$).