

Tests

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Test name	Result value (P-value)	Status
1. Frequency (Monobit) Test	0.26613815033873445	Passed
2. Frequency Test within a Block	0.538825560133964	Passed
3. Runs Test	0.09079123478508888	Passed
4. Test for the Longest Run of Ones in a Block	0.13072457786463879	Passed
5. Binary Matrix Rank Test	0.609690254926168	Passed
6. Non-overlapping Template Matching Test	0.5135620741805507	Passed
7. Overlapping Template Matching Test	0.2595160232832814	Passed
8. Maurer's "Universal Statistical" Test	0.8541273105696405	Passed
9. Linear Complexity Test	0.5198673939424223	Passed
10. Serial Test	P-value 1: 0.12964646929109103	Passed
	P-value 2: 0.09141122440010724	
11. Approximate Entropy Test	0.08391381031961366	Passed
12. Cumulative Sums (Cusum) Test	P-value Forward: 0.16761776274043227	Passed
	P-value Reverse: 0.3076989681109852	
13. Random Excursions Test		Error
14. Random Excursions Variant Test		Error

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Test name	Result value (P-value)	Status
1. Frequency (Monobit) Test	0.9617162426084771	Passed
2. Frequency Test within a Block	0.09447021019028307	Passed
3. Runs Test	1.8793789192434425	Failed
4. Test for the Longest Run of Ones in a Block	0.6159437597350765	Passed
5. Binary Matrix Rank Test	0.2377706733994799	Passed
6. Non-overlapping Template Matching Test	0.554036242568517	Passed
7. Overlapping Template Matching Test	0.06056124084979755	Passed
8. Maurer's "Universal Statistical" Test	0.31783981206500345	Passed
9. Linear Complexity Test	0.6147950197040517	Passed
10. Serial Test	P-value 1: 0.3480865928828113	Passed
	P-value 2: 0.14650159795118806	
11. Approximate Entropy Test	0.6070817178485156	Passed
12. Cumulative Sums (Cusum) Test	P-value Forward: 0.5762236567527586	Passed
	P-value Reverse: 0.6191910083601417	
13. Random Excursions Test	0.21192260126153925	Passed
14. Random Excursions Variant Test	0.5014092297070036	Passed

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Test name	Result value (P-value)	Status
1. Frequency (Monobit) Test	0.2584762244800356	Passed
2. Frequency Test within a Block	0.16506592273911905	Passed
3. Runs Test	0.7044818919995235	Passed
4. Test for the Longest Run of Ones in a Block	0.3345633805673859	Passed
5. Binary Matrix Rank Test	0.6151166063911337	Passed
6. Non-overlapping Template Matching Test	0.8948718128853981	Passed
7. Overlapping Template Matching Test	0.7287996008715579	Passed
8. Maurer's "Universal Statistical" Test	0.9525530704849474	Passed
9. Linear Complexity Test	0.855743580462208	Passed
10. Serial Test	P-value 1: 0.49206817747986054	Passed
	P-value 2: 0.7069169106818007	
11. Approximate Entropy Test	0.8318026610561564	Passed
12. Cumulative Sums (Cusum) Test	P-value Forward: 0.4902921550347985	Passed
	P-value Reverse: 1	
13. Random Excursions Test	0.0061537737379803178	Failed
14. Random Excursions Variant Test	0.22695334997944938	Passed

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Test name	Result value (P-value)	Status
1. Frequency (Monobit) Test	0.08081095183956699	Passed
2. Frequency Test within a Block	0.2626387875424427	Passed
3. Runs Test	0.531937965897955	Passed
4. Test for the Longest Run of Ones in a Block	0.015516643759580742	Passed
5. Binary Matrix Rank Test	0.10128201672206202	Passed
6. Non-overlapping Template Matching Test	0.773433279594248	Passed
7. Overlapping Template Matching Test	0.0562339042868398	Passed
8. Maurer's "Universal Statistical" Test	0.6159213503221519	Passed
9. Linear Complexity Test	0.34062457912262895	Passed
10. Serial Test	P-value 1: 0.17970152480426818	Passed
	P-value 2: 0.5352578101005041	
11. Approximate Entropy Test	0.000012369471548578091	Failed
12. Cumulative Sums (Cusum) Test	P-value Forward: 0.15783534703688762	Passed
	P-value Reverse: 0.5765605938883134	
13. Random Excursions Test		Error
14. Random Excursions Variant Test		Error

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Test name	Result value (P-value)	Status
1. Frequency (Monobit) Test	0.4592999943295808	Passed
2. Frequency Test within a Block	0.4089219152311223	Passed
3. Runs Test	0.9820111324793624	Passed
4. Test for the Longest Run of Ones in a Block	0.051831977960479544	Passed
5. Binary Matrix Rank Test	0.5471050303184408	Passed
6. Non-overlapping Template Matching Test	0.7669506203989523	Passed
7. Overlapping Template Matching Test	0.5326128151514115	Passed
8. Maurer's "Universal Statistical" Test	0.714918485700706	Passed
9. Linear Complexity Test	0.2260443571993266	Passed
10. Serial Test	P-value 1: 0.7603320752792931	Passed
	P-value 2: 0.9840433753017813	
11. Approximate Entropy Test	0.8971135336444286	Passed
12. Cumulative Sums (Cusum) Test	P-value Forward: 0.3265774181022765	Passed
	P-value Reverse: 0.7811150782248921	
13. Random Excursions Test	0.18735326936559776	Passed
14. Random Excursions Variant Test	0.018093842191290288	Passed