

Output:

TEST NAME	P-VALUE	STATUS
Frequency	0.612345	PASS
BlockFrequency	0.417829	PASS
CumulativeSums	0.083274	PASS
Runs	0.732190	PASS
LongestRun	0.589124	PASS
Rank	0.453112	PASS
FFT	0.298761	PASS
NonOverlappingTemplate	0.801345	PASS
OverlappingTemplate	0.264983	PASS
Universal	0.679812	PASS
ApproximateEntropy	0.523789	PASS
RandomExcursions	--	--
RandomExcursionsVariant	--	--
Serial	0.487162	PASS
LinearComplexity	0.865743	PASS

Inference:

No. of bit streams = 10

All statistical tests resulted in p-values comfortably above the typical threshold of 0.01, indicating no significant evidence against randomness. Tests like NonOverlappingTemplate and LinearComplexity showed particularly high p-values, suggesting strong randomness in those aspects. Although the CumulativeSums test had the lowest p-value (0.083274), it still passed. The RandomExcursions and RandomExcursionsVariant tests were not performed. Overall, the data sequence exhibits good randomness properties.