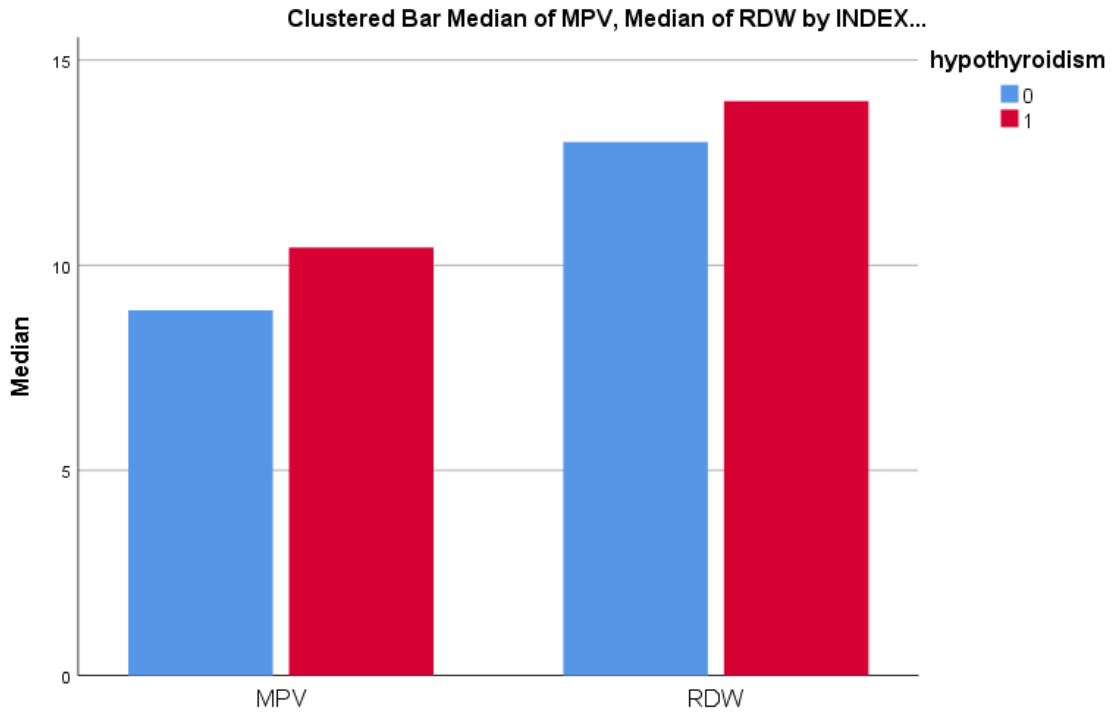
ROC and Bar Charts of MPV and RDW

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ROC MPV RDW BY hypothyroidism (1)
  /PLOT=CURVE(REFERENCE)
  /PRINT= COORDINATES
  /CRITERIA=CUTOFF(INCLUDE) TESTPOS(LARGE) DISTRIBUTION(FREE) CI(95)
  /MISSING=EXCLUDE.
```

Hypothyroidism

1 = True

0 = False

ROC Curve

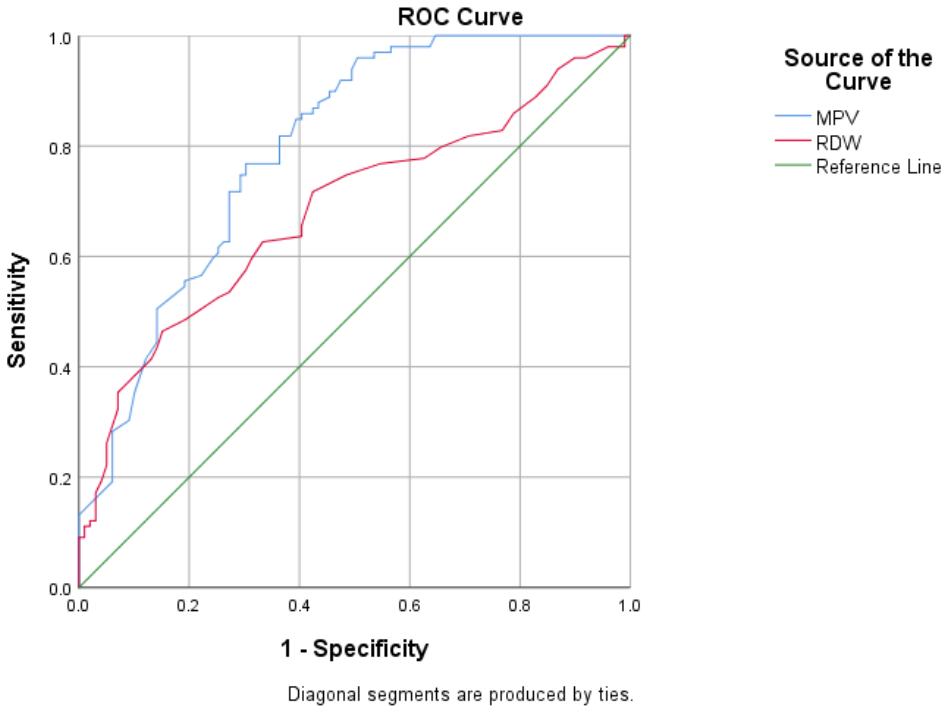
Case Processing Summary

hypothyroidism[a]	Valid N (listwise)
Positive[b]	99
Negative	99

Larger values of the test result variable(s) indicate stronger evidence for a positive actual state.

a. The test result variable(s): MPV has at least one tie between the positive actual state group and the negative actual state group.

b. The positive actual state is 1.



Area Under the Curve

Test Result Variable(s)	Area
MPV	.796
RDW	.683

The test result variable(s): MPV, RDW has at least one tie between the positive actual state group and the negative actual state group. Statistics may be biased.

Coordinates of the Curve

Test Result Variable(s)	Positive if Greater Than or Equal To[a]	Sensitivity	1 - Specificity
MPV	6.4500	1.000	1.000
	7.5350	1.000	.990
	7.6400	1.000	.980
	7.7400	1.000	.970
	7.8300	1.000	.960
	7.8650	1.000	.949
	7.9600	1.000	.939
	8.0350	1.000	.929
	8.0550	1.000	.919
	8.0800	1.000	.909
	8.0950	1.000	.899
	8.1050	1.000	.889
	8.1200	1.000	.879
	8.1550	1.000	.869
	8.2100	1.000	.848
	8.2600	1.000	.828
	8.3450	1.000	.798
	8.4200	1.000	.788
	8.4350	1.000	.778
	8.4550	1.000	.758
	8.4800	1.000	.747
	8.5300	1.000	.727
	8.5850	1.000	.707
	8.6250	1.000	.687
	8.6600	1.000	.667
	8.6800	1.000	.657
	8.6950	1.000	.646
	8.7100	.980	.636
	8.7250	.980	.626
	8.7350	.980	.616
	8.7550	.980	.606
	8.7800	.980	.586
	8.7950	.980	.566
	8.8050	.970	.566

	8.8150	.970	.556
	8.8250	.970	.545
	8.8400	.970	.535
	8.8550	.960	.535
	8.8750	.960	.515
	8.8950	.960	.505
	8.9200	.939	.495
	8.9500	.929	.495
	8.9650	.919	.495
	8.9800	.919	.485
	8.9950	.919	.475
	9.0150	.899	.465
	9.0350	.899	.455
	9.0550	.889	.455
	9.0750	.879	.434
	9.0850	.869	.434
	9.0950	.869	.424
	9.1250	.859	.424
	9.1550	.859	.404
	9.1750	.848	.404
	9.1950	.848	.394
	9.2100	.818	.384
	9.2350	.818	.374
	9.2600	.818	.364
	9.2850	.808	.364
	9.3100	.768	.364
	9.3250	.768	.354
	9.3400	.768	.343
	9.3550	.768	.333
	9.3750	.768	.323
	9.3950	.768	.313
	9.4050	.768	.303
	9.4350	.758	.303
	9.5050	.747	.303
	9.5750	.747	.293
	9.6100	.717	.293
	9.6450	.717	.273
	9.7000	.707	.273

	9.7550	.697	.273
	9.7850	.687	.273
	9.7950	.667	.273
	9.8300	.657	.273
	9.8800	.646	.273
	9.9450	.626	.273
	9.9950	.626	.263
	10.0450	.616	.253
	10.0950	.606	.253
	10.1500	.596	.242
	10.2500	.566	.222
	10.3450	.556	.192
	10.3950	.545	.192
	10.4150	.505	.141
	10.4650	.495	.141
	10.5050	.465	.141
	10.5500	.455	.141
	10.5950	.444	.141
	10.6500	.414	.121
	10.7500	.354	.101
	10.8500	.303	.091
	10.9400	.283	.061
	10.9900	.273	.061
	11.0500	.263	.061
	11.1500	.222	.061
	11.2500	.192	.061
	11.3500	.152	.020
	11.4950	.131	.000
	11.6450	.121	.000
	11.7400	.081	.000
	11.7900	.071	.000
	11.8500	.061	.000
	12.0000	.040	.000
	12.1500	.020	.000
	12.3000	.010	.000
	13.4000	.000	.000
RDW	9.700	1.000	1.000
	10.900	1.000	.990

	11.200	.990	.990
	11.400	.980	.990
	11.550	.980	.980
	11.650	.980	.970
	11.750	.980	.960
	11.850	.970	.939
	11.950	.960	.919
	12.050	.960	.899
	12.150	.939	.869
	12.250	.909	.848
	12.350	.889	.828
	12.450	.859	.788
	12.550	.828	.768
	12.650	.818	.707
	12.750	.798	.657
	12.850	.778	.626
	12.950	.768	.545
	13.050	.747	.485
	13.150	.717	.424
	13.300	.657	.404
	13.450	.636	.404
	13.550	.626	.333
	13.650	.596	.313
	13.750	.576	.303
	13.850	.535	.273
	13.950	.525	.253
	14.050	.485	.192
	14.150	.465	.152
	14.250	.434	.141
	14.350	.414	.131
	14.450	.384	.101
	14.550	.354	.071
	14.650	.323	.071
	14.750	.263	.051
	14.900	.242	.051
	15.050	.222	.051
	15.150	.192	.040
	15.350	.172	.030

	15.650	.162	.030
	15.850	.121	.030
	15.950	.121	.020
	16.150	.111	.020
	16.350	.111	.010
	16.450	.091	.010
	16.550	.091	.000
	16.700	.071	.000
	16.850	.061	.000
	17.300	.051	.000
	17.900	.030	.000
	18.550	.020	.000
	20.250	.010	.000
	22.500	.000	.000

The test result variable(s): MPV, RDW has at least one tie between the positive actual state group and the negative actual state group.

a. The smallest cutoff value is the minimum observed test value minus 1, and the largest cutoff value is the maximum observed test value plus 1. All the other cutoff values are the averages of two consecutive ordered observed test values.