

R1^{RMI:1.0} (30.3% of the instances):

IF RadiusMean up to Low AND Lymph is ExtLow AND TextureWorst up to VeryLow
THEN Time betw. Low and High (centered on 54.5)
+/- 11.07 months per +/- 0.01 in FractalDimensionWorst from 0.11 (moving in [Low,High])

R2^{RMI:1.0} (16.8% of the instances)

IF RadiusMean up to Low AND Lymph from VeryLow
THEN Time is Low (centered on 32.3)
+/- 8.43 months per +/- 0.01 in SymmetryMean from 0.18 (moving in [Low,High])

R3^{RMI:1.0} (52.9% of the instances)

IF RadiusMean from High
THEN Time is Low (centered on 32.3)
-/+ 16.52 months per +/- unit in TextureSE from 1.22 (moving in [Low,High])

Variable labels and definition points of the membership functions:

Lymph (n° of positive axillary lymph nodes) -

GM3M:0.8

-2.9,	1.8,	5.0	ExtremLow (ExtLow)
1.3,	5.2,	9.3	VeryLow
5.4,	9.2,	13.1	Low
9.2,	13.1,	16.9	Medium (Med)
13.1,	16.9,	20.8	High
16.9,	20.8,	24.7	VeryHigh
21.8,	23.7,	27.7	ExtremHigh (ExtHigh)

TextureWorst (sd of gray-scale values, worst case) - **GM3M:0.7**

14.3,	17.8,	25.0	ExtLow
18.9,	25.4,	31.1	VeryLow
25.1,	30.5,	36.0	Low
30.5,	36.0,	41.5	High
36.0,	41.5,	47.0	VeryHigh
41.5,	47.0,	52.4	ExtHigh

RadiusMean (mean of distances from center to points on the perimeter, mean) -

GM3M:0.6

10.1,	12.4,	16.1	VeryLow
12.8,	18.7,	20.2	Low
17.2,	21.8,	24.9	High
20.8,	26.0,	27.9	VeryHigh

Time (Predicting time to recur) - **GM3M:0.7**

-20.9,	32.3,	83.4	Low
25.3,	76.6,	175.9	High

SymmetryMean (symmetry through major axis, mean)

Range:
[0.13, 0.30]

TextureSE (sd of gray-scale values, standard error)

Range:
[0.36, 3.50]

FractalDimensionWorst (coastline approximation, worst case)

Range: [0.06, 0.21]