

The odds ratio of noncompliance with the corresponding 95% confidence interval and p-value for each branch on the developed decision tree to predict compliance in elderly cancer patients.

Node	Variable	Levels	Noncompliance	Compliance	Odds ratio (95% CI)	P-value
1	Patient Status	Out-patient	46	258	0.48 (0.29 - 0.78)	<0.05
		In-patient	41	111		
2	Sex	Female	19	142	0.57 (0.30 - 1.08)	0.08
		Male	27	116		
3	Cancer type	Metastatic	02	27	0.28 (0.04 - 1.04)	0.06
		Others	25	89		
4	Cancer type	Lung	11	38	1.05 (0.42 - 2.60)	0.90
		Others	14	51		
7	Age	Above 76	00	20	-	-
		Below 76	02	07		
10	CCI	Below 7	14	128	0.25 (0.09 – 0.91)	0.03
		Above 7	05	14		
11	ECOG-PS	3-4	00	11	-	-
		0-2	14	117		
15	CCI	Below 6	23	35	2.55 (1.32 – 5.67)	<0.05
		Above 6	18	76		
16	Fraction type	Conv	15	29	0.39 (0.10 - 1.37)	0.12
		Hypo	18	06		
17	Sex	Male	04	14	0.40 (0.09 - 1.52)	0.17
		Female	11	15		
21	Insurance	MC	01	11	0.39 (0.01 - 2.28)	0.31
		HI	17	65		
22	Treatment aim	Palliative	13	55	0.58 (0.16 - 2.49)	0.43
		Curative	04	10		