

Unraveling Biophysical Interactions of Radiation Pneumonitis in Non-Small-Cell Lung Cancer via Bayesian Network Analysis

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Appendix G. Comparisons of BN features used between the training and testing cohorts

Table 2. Comparisons of the used features in BN between two cohorts

Cohorts	Properties	The used features in BN					
		nos3_ Rs1799983	tgf_beta1_ Rs1800469	tgf_beta1_ Rs4803455	smad3_ Rs6494633	Mean_Lung_Dose	
Training	Range	[0, 2]	[0, 2]	[0, 2]	[0, 2]	[4.35, 21.18]	
	Median	1	1	1	1	15.51	
Testing	Range	[0, 2]	[0, 2]	[0, 2]	[0, 2]	[3.17, 20.48]	
	Median	1	1	1	1	13.92	
Mann-Whitney's test (<i>p</i> -value)		0.17	0.06	0.17	0.96	0.015	
Cohorts	Properties	The used features in BN					
		miR_223_3p	miR_191_5p	pre_IL_15	pre_IL_2	SLP_TGF _beta1	SLP_IFN _gamma
Training	Range	[0, 2.5]	[0, 0.14]	[0.11, 339.63]	[0.04, 312.22]	[-13.50, 6.64]	[-315.55, 30.58]
	Median	0.01	0.00	6.20	4.97	-0.66	-0.39
Testing	Range	[0, 0.09]	[0, 0.02]	[0.11, 98.48]	[0.04, 516.44]	[-5.04, 2.70]	[-302.88, 1382.29]
	Median	0.00	0.00	6.08	2.68	0.08	-1.03
Mann-Whitney's test (<i>p</i> -value)		0.13	0.50	0.88	0.16	0.02	0.47