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Supplementary Table 1. Univariate p-values

Candidate predictors	Model 1	Model 2
	Early dumping symptoms	Early and late dumping symptoms
	P-value	P-value
Age at surgery	0.003	0.001
Biological sex	0.05	0.06
Preoperative Body Mass Index	0.02	0.01
Neoadjuvant therapy	0.02	0.02
Charlson Comorbidity Index score	0.16	0.15
Surgical approach	0.02	0.02
Anastomosis location	0.26	0.27
Postoperative complications	0.3	0.2

Supplementary Table 2. The variable importance for the candidate predictors

Candidate predictors	Training	
	Relative	Importance
Age at surgery	1.00	1.85
Preoperative BMI	0.83	1.53
Neoadjuvant therapy	0.64	1.19
Charlson Comorbidity Index score	0.61	1.12
Biological sex	0.55	1.02
Surgical approach	0.50	0.92
Tumour stage	0.36	0.66

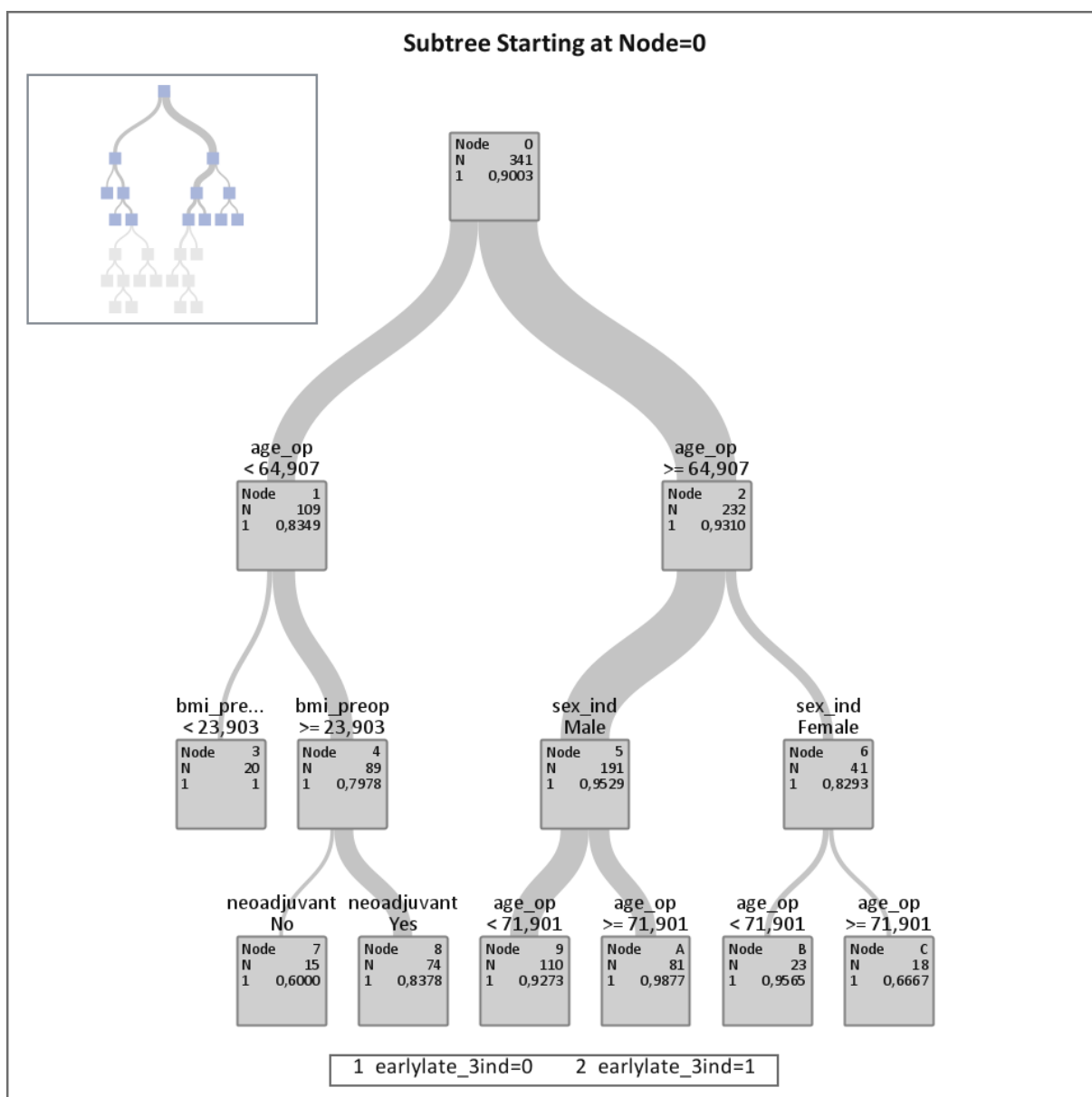


Figure. The CART model of early and late dumping symptoms 1 year after oesophageal cancer resection.