Table 1: Features selected by LASSO regression

	TODIC I. I	table 1: I calaice selected by misse inglession	TODG TOPICSSION		
	Symptom severity reports	PROMs	Clinical	Demographic	Time-modelling
		FACT-G: 14) Physical,			
	1) Pain, 2) nausea,	15) social, 16) emotional,	Previous chemotherapy,		
	3) vomiting, 4) diarrhoea,	 functional well-being; 	27) primary/metastatic,	34) Marital status,	40) Days since study
	5) temperature, 6) chills,	EQ5D: 18) Pain, 19) anxiety	28) number of comorbidities,	35) employment status,	started, 41) days since
All available variables	7) physical ability, 8) appetite,	and depression, 20) usual	29) diabetes, 30) respiratory	36) level of education,	previous report,
	9) fatigue, 10) sore mouth,	activities, 21) self care,	comorbidities, 31) stoma,	37) sex, 38) age,	42) days since last
	11) indigestion, 12) shortness	22) mobility, 23) health	32) disease site,	39) BMI	chemotherapy cycle
	of breath, 13) other symptoms	status; QLQ-C30: 24) Role,	33) chemotherapy regimen		
		25) social functioning			
Admissions during chemotherapy	1, 2, 3, 4, 5, 6, 7, 8,	14, 15, 16, 17, 18, 19,	26, 27, 28, 29, 30, 31,	06 86 76 36 36 66	40 41 49
(PROMs considered)	9, 10, 11, 12, 13	20, 21, 22, 23, 24, 25	32, 33	04, 00, 00, 01, 00, 09	40, 41, 42
Admissions during chemotherapy	1, 2, 3, 4, 5, 6, 7, 8,	W/N	26, 27, 28, 29, 30, 31,	00 00 20 00 20 00	64 14 04
(PROMs not considered)	9, 10, 11, 12, 13	N/A	32, 33	04, 00, 00, 01, 00, 09	40, 41, 42
Admissions within 14 days	2, 3, 4, 5, 6, 7, 10,	14 10 00 01 00 02 05	90 91 99	06 26 76	67
(PROMs considered)	11, 12, 13	14, 16, 20, 21, 22, 23, 23	20, 31, 32	04, 00, 09	7.
Admissions within 14 days	1, 2, 3, 4, 5, 6, 7, 8,	V/N	97 98 90 91 99 99	34 35 36 38 30	40.43
(PROMs not considered)	10, 11, 12, 13	N/A	21, 20, 90, 91, 92, 99	94, 99, 90, 99, 99	40, 42