Supplemental material

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Figure A1: Matrix representing the causal diagram explaining confounding variable to enter in the Directed Acyclic Graph (DAG)

	TYA SCL	QOL	Age	Choice	CS	CT	DoH	Ethnicity	Finances	Gender	Geography	I&C	LTC	RtD	SE	SES	SS	Treatment
TYA SCL		→	→	→	→	→	→	→	→	O	→	→	→	→	→	→	→	→
QOL			→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→
Age				→	O	→	→	O	→	O	O	→	→	→	→	→	→	→
Choice					→	→	O	→	→	O	→	→	→	→	→	→	→	→
CS						→	→	→	→	O	→	→	→	→	→	→	→	→
CT							→	→	→	→	→	→	→	→	→	→	→	→
DoH								→	→	→	→	→	→	→	→	→	→	→
Ethnicity									→	O	→	→	→	→	→	→	→	→
Finances										O	→	→	→	→	O	→	→	→
Gender											O	→	→	→	→	O	→	→
Geography												→	→	→	→	→	→	→
I&C													→	→	→	→	→	→
LTC														→	→	→	→	→
RtD															→	→	→	→
SE																→	→	→
SES																	→	→
SS																		→
Treatment																		

CS: cancer severity; CT: cancer type; DoH: duration of hospitalisation; I&C: information & communication; LTC: long-term condition; QOL: quality of life; RtD: route to diagnosis; SE: symptom experience; SES: socioeconomic status; SS: social support

O – indicates a null relationship

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