

Level 3 CDE selection from level 2 CDEs

	CDEs in level 2 clinical data	CDEs in level 3 clinical data
1	nodeName	formalName
2	patient.bcrpatientbarcode	patientid
3	=floor(-as.numeric(patient.daystobirth)/365.2422)	yearstobirth
4	patient.daystodeath	daystodeath
5	patient.daystolastfollowup	daystolastfollowup
6	=ifelse(tolower(patient.vitalstatus) == "deceased", 1, 0)	vitalstatus
7	=paste(admin.dayofdccupload, admin.monthofdccupload, admin.yearofdccupload, sep = "-")	dccuploaddate
8	patient.tumortissuesite	primarysiteofdeisease
9	patient.gender	gender
10	=ifelse(patient.daystoinitialpathologicdiagnosis != 0, patient.daystoinitialpathologicdiagnosis, patient.yeareofinitialpathologicdiagnosis)	dateofinitialpathologicdiagnosis
11	patient.daystolastknownalive	daystolastknownalive
12	=ifelse(patient.radiationtherapy == "NA", "NA", "yes")	radiationtherapy
13	patient.karnofskyperformancescore	karnofskyperformancescore
14	patient.examinations.examination.karnofskyperformancescore	examinations.examination.karnofskyperformancescore
15	patient.histologicaltype	histologicaltype
16	patient.tumorgrade	tumorgrade
17	patient.primarytumorpathologicspread	pathologicspread(pt)
18	patient.lymphnodepathologicspread	pathologicspread(pn)
19	patient.distantmetastasispathologicspread	pathologicspread(m)
20	=ifelse(is.na(patient.tumorstage), "NA", patient.tumorstage)	tumorstage
21	=ifelse(patient.daystotumorrecurrence != "NA", 1, 0)	patienttumorrecurrencestatus
22	patient.daystotumorrecurrence	daystotumorrecurrence
23	=ifelse(patient.chemotherapy == "NA", "NA", "yes")	chemotherapy
24	=ifelse((patient.radiations.radiation.regimenindication %in% "adjuvant"), "no", "yes")	radiations.radiation.regimenindication
25	patient.numberpackyearssmoked	numberpackyearssmoked
26	patient.stoppedsmokingyear	stoppedsmokingyear
27	patient.tobaccosmokinghistoryindicator	tobaccosmokinghistoryindicator
28	patient.yeaftobaccosmokingonset	yeaftobaccosmokingonset
29	patient.personlifetimeriskradiationexposureindicator	radiationexposure
30	patient.ajccancermetastasisstagecode	distant.metastasis
31	patient.extrathyroidcarcinomapresentextensionstatus	extrathyroidal.extension
32	patient.ajccneoplasmdiseaselymphnodestage	lymph.node.metastasis
33	patient.clinicalcqc.otherdiagnosis	lymphovascular.invasion
34	patient.residualtumor	completeness.of.resection
35	patient.numberoflymphnodespositivebyhe	number.of.lymph.nodes
36	patient.ajcctumorstagecode	tumor.stagecode
37	patient.ajccneoplasmdiseasestage	neoplasm.diseasestage
38	patient.primaryneoplasmfocustype	multifocality
39	=max(patient.neoplasmdimension.neoplasmddepth, patient.neoplasmdimension.neoplasmlength, patient.neoplasmdimension.neoplasmlwidth)	tumor.size
40	admin.batchnumber	batchnumber