

Supplementary Online Content

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eTable. Comparison of baseline variables between postoperative observation (OB) and adjuvant chemotherapy (AC) groups in the original and matched datasets

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Comparison of baseline variables between postoperative observation (OB) and adjuvant chemotherapy (AC) groups in the original and matched datasets. NOTE: Values are represented as No. (%).

Variable		Original (unmatched) data				Matched data		
		OB	AC	Sdiff	P	OB	AC	Sdiff
Sample size		1,944	772			741	741	
Year of diagnosis					< 0.001			
	2006 - 2009	835 (43)	250 (32)	0.22		225 (30)	245 (33)	0.06
	2010 - 2012	1,109 (57)	522 (68)	0.22		516 (70)	496 (67)	0.06
Hospital teaching status					0.04			
	Community	1,113 (58)	410 (53)	0.09		396 (54)	395 (53)	0.01
	Academic	820 (42)	360 (47)	0.09		341 (46)	344 (47)	0.01
Age					< 0.001			
	18 - 49 years	340 (17)	197 (26)	0.20		178 (24)	18 (25)	0.02
	50 - 59 years	546 (28)	248 (32)	0.09		232 (31)	238 (32)	0.02
	60 - 69 years	527 (27)	210 (27)	0.00		215 (29)	204 (28)	0.03
	≥ 70 years	531 (27)	117 (15)	0.30		116 (16)	114 (15)	0.01
Sex					0.06			
	Female	749 (39)	328 (42)	0.08		312 (42)	311 (42)	0.00
	Male	1,195 (61)	444 (58)	0.08		429 (58)	430 (58)	0.00
Race					0.32			
	White	1,600 (83)	641 (85)	0.04		615 (84)	617 (85)	0.03
	Other	323 (17)	115 (15)	0.04		119 (16)	111 (15)	0.03
Insurance type					< 0.001			
	Private	988 (51)	477 (62)	0.00		456 (62)	454 (62)	0.02
	Medicare	752 (39)	212 (28)	0.23		201 (27)	206 (28)	0.02
	None/Other	189 (10)	76 (10)	0.24		79 (11)	74 (10)	0.00
Income					0.16			
	Below median	741 (39)	273 (36)	0.06		272 (37)	261 (36)	0.03
	Above median	1,182 (61)	493 (64)	0.06		464 (63)	474 (64)	0.03
Charlson comorbidity score					0.07			
	0	1,536 (79)	640 (83)	0.10		607 (82)	610 (82)	0.01
	1	333 (17)	110 (14)	0.08		113 (15)	109 (15)	0.02
	≥ 2	75 (4)	22 (3)	0.06		21 (3)	22 (3)	0.01
Clinical stage					0.002			
	cT1/T2 N+	150 (8)	66 (9)	0.03		60 (8)	60 (8)	0.00
	cT3/T4 N+	742 (39)	345 (45)	0.15		332 (45)	332 (45)	0.00
	cT3/T4 N0	1,034 (54)	354 (46)	0.13		349 (47)	349 (47)	0.00
Time from diagnosis to resection					< 0.001			
	0 - 3 months	531 (28)	265 (35)	0.15		249 (34)	249 (34)	0.00

	4 - 6 months	1,291 (67)	478 (63)	0.10		474 (64)	474 (64)	0.00
	> 6 months	98 (5)	20 (3)	0.13		18 (2)	18 (2)	0.00
Type of resection					0.30			
	Partial proctectomy	1,207 (62)	467 (60)	0.03		457 (62)	454 (61)	0.03
	Total proctectomy	479 (25)	185 (24)	0.02		180 (24)	175 (24)	0.01
	Other	258 (13)	120 (16)	0.06		104 (14)	112 (15)	0.02
Length of stay					0.01			
	< 1 week	982 (56)	420 (62)	0.12		425 (63)	402 (62)	0.03
	≥ 1 week	770 (44)	260 (38)	0.12		247 (37)	250 (38)	0.03
Unplanned 30-day readmissions					0.34			
	No	1,748 (93)	688 (92)	0.04		669 (93)	660 (92)	0.05
	Yes	133 (7)	61 (8)	0.04		49 (7)	58 (8)	0.05

AC = Adjuvant chemotherapy; OB = Postoperative observation; SD = standard deviation; Sdiff = Standardized difference