Supplementary Table S13. Colon cancer patient characteristics, median survival, and Multivariate Cox Regression Modeling.

Patient Characteristics: Colon		LOR	ALP	No Benzo	Overall	P-value
	N	177 (22.7)	64 (8.2)	539 (69.1)	780 (100%)	
Sex	Female	96 (54.2%)	43 (67.2%)	267 (49.5%)	406 (52.1%)	0.023
	Male	81 (45.8%)	21 (32.8%)	272 (50.5%)	374 (47.9%)	
Grade (Clinical)	I	8 (4.7%)	3 (4.7%)	23 (4.3%)	34 (4.4%)	0.948
	II	98 (57.6%)	42 (65.6%)	332 (61.8%)	472 (61.2%)	
	III	34 (20.0%)	10 (15.6%)	103 (19.2%)	147 (19.1%)	
	IV	1 (0.6%)	1 (1.6%)	4 (0.7%)	6 (0.8%)	
	Not Reported	29 (17.1%)	8 (12.5%)	75 (14.0%)	112 (14.5%)	
Grade (Pathological)	I	8 (4.7%)	3 (4.8%)	23 (4.3%)	34 (4.4%)	0.881
	II	97 (57.1%)	41 (65.1%)	330 (61.6%)	468 (60.9%)	
	III	32 (18.8%)	9 (14.3%)	102 (19.0%)	143 (18.6%)	
	IV	1 (0.6%)	1 (1.6%)	4 (0.7%)	6 (0.8%)	
	Not Reported	32 (18.8%)	9 (14.3%)	77 (14.4%)	118 (15.3%)	
Stage (Clinical)	0	2 (1.1%)	1 (1.6%)	2 (0.4%)	5 (0.6%)	0.618
	I	8 (4.5%)	4 (6.3%)	16 (3.0%)	28 (3.6%)	
	II	3 (1.7%)	1 (1.6%)	13 (2.4%)	17 (2.2%)	
	III	3 (1.7%)	1 (1.6%)	4 (0.7%)	8 (1.0%)	
	IV	29 (16.4%)	6 (9.5%)	86 (16.0%)	121 (15.5%)	
	Not Reported	132 (74.6%)	50 (79.4%)	418 (77.6%)	600 (77.0%)	
Stage (Pathological)	0			5 (0.9%)	5 (0.6%)	<.001
	I	4 (2.3%)	4 (6.3%)	28 (5.2%)	36 (4.6%)	
	II	4 (2.3%)	3 (4.8%)	60 (11.1%)	67 (8.6%)	
	III	14 (8.0%)	6 (9.5%)	77 (14.3%)	97 (12.5%)	
	IV	22 (12.5%)	5 (7.9%)	76 (14.1%)	103 (13.2%)	
	Not Reported	132 (75.0%)	45 (71.4%)	293 (54.4%)	470 (60.4%)	
Overall Survival Indicator	Alive	45 (25.4%)	21 (32.8%)	201 (37.3%)	267 (34.2%)	0.015
	Dead	132 (74.6%)	43 (67.2%)	338 (62.7%)	513 (65.8%)	
Progression-Free Survival Indicator	No Progression	36 (20.3%)	20 (31.3%)	179 (33.2%)	235 (30.1%)	0.005
	Progression	141 (79.7%)	44 (68.8%)	360 (66.8%)	545 (69.9%)	

Overall Survival (OS)	Median Surv. (95% CI)	Sample: Colon	Log Rank P-value
Total	44.4 (39.2, 49.0)	E=513 C=267 T=780	p= 0.005
ALP	57.7 (35.1, 85.3)	E=43 C=21 T=64	
LOR	43.0 (31.1, 50.3)	E=132 C=45 T=177	
No Benzo	43.9 (38.9, 50.0)	E=338 C=201 T=539	

Progression-Free Survival (PFS)	Median Surv. (95% CI)	Sample: Colon	Log Rank P-value
Total	31.0 (27.8, 33.6)	E=545 C=235 T=780	p= <.001
ALP	38.1 (22.3, 59.8)	E=44 C=20 T=64	
LOR	23.8 (20.2, 30.5)	E=141 C=36 T=177	
No Benzo	33.1 (29.2, 38.1)	E=360 C=179 T=539	

Overall Survival (OS)

Predictors: Cohort, Sex, Clinical Grade, and Clinical Stage

Cohort	HR (95% CI)	P-value
No Benzo	Ref.	<.0001
ALP	1.369 (0.988 – 1.897)	0.0593
LOR	1.620 (1.317 – 1.993)	<.0001

Progression-Free Survival (PFS)

No Benzo	Ref.	<.0001
ALP	1.290 (0.936 – 1.778)	0.1200
LOR	1.782 (1.457 – 2.179)	<.0001

E= event, C= censored, T= Total