

Appendix Figure 1: Pre-defined subgroup analysis

Legend: The magnitude of intervention effect for mailed outreach alone (panel A) and outreach/navigation (panel B) compared to usual care was similar in racial/ethnic (white vs. non-white) and cirrhosis (documented vs. suspected diagnosis) subgroups; however, intervention effect varied by receipt of hepatology care in year prior to randomization and Child Pugh class. There was no observed effect modification comparing outreach-alone versus outreach/navigation by any patient characteristic (panel C).

Appendix Table 1: Hepatocellular carcinoma outcomes, by study group and screening status

Intervention Group	Early Stage Diagnosis among Screen Detected HCC		Early Stage Diagnosis among Non-screen Detected HCC	
	<i>n</i>	<i>% of study group, (95% CI)</i>	<i>n</i>	<i>% of all HCC, (95% CI)</i>
Outreach/Navigation (n=600)	5 of 6	83.3 (35.9 – 99.6)	2 of 5	40.0 (5.3 – 85.3)
Outreach Alone (n=600)	3 of 4	75.0 (19.4 – 99.4)	1 of 2	50.0 (1.3 – 98.7)
Usual Care (n=600)	7 of 8	87.5 (47.4 – 99.7)	1 of 6	16.7 (0.4 – 64.1)
Overall (n=1800)	15 of 18	83.3 (58.6 – 96.4)	4 of 13	30.8 (9.1 – 61.4)

^a Early HCC was defined as Barcelona Clinic Liver Cancer (BCLC) stage 0 or stage A.

Appendix Table 2: HCC surveillance completion ^a over 21-month study period

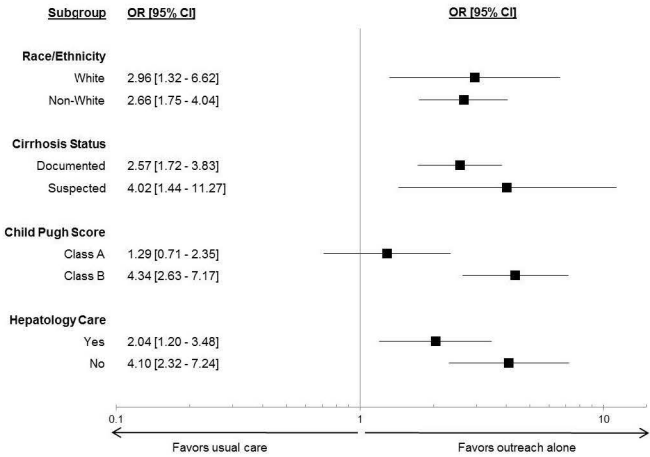
Study Group	HCC Surveillance ^a Completed (n)	Proportion Surveillance Completed (95% CI)	Difference in Proportion of Surveillance Completed by Group (95% CI)	
			vs. Usual Care	vs. Outreach Alone
Outreach/Navigation (n=600)	169	28.2 (24.6 – 31.8)	+18.7 (14.4 – 23.0)	+7.4 (2.5 – 12.2)
Outreach Alone (n=600)	125	20.8 (17.6 – 24.1)	+11.3 (7.3 – 15.3)	---
Usual Care (n=600)	57	9.5 (5.4 – 9.7)	---	---

^a Surveillance was defined as receipt of abdominal imaging during each 7-month period after randomization.

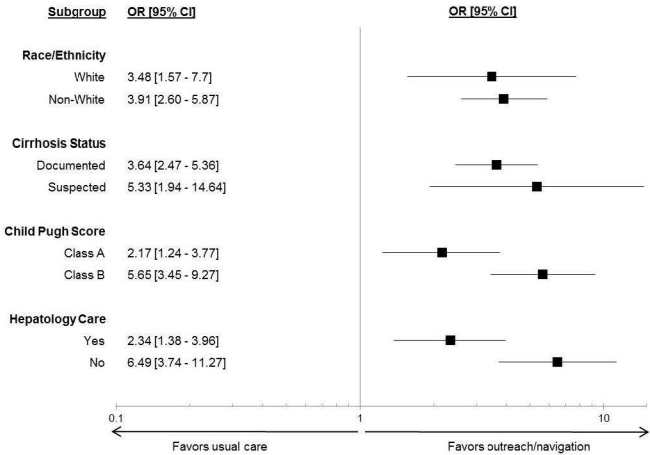
Appendix Table 3: Any HCC screening completion over 18-month study period

Total screens completed	Usual Care (n=600) n (%)		Outreach Alone (n=600) n (%)		Outreach/Navigation (n=600) n (%)	
	n	(%)	n	(%)	n	(%)
1 Screen	156	(26.0)	139	(23.2)	132	(22.0)
1 st 6-month period	50	(8.3)	59	(9.8)	56	(9.3)
2 nd 6-month period	61	(10.2)	47	(7.8)	43	(7.2)
3 rd 6-month period	45	(7.5)	33	(5.5)	33	(5.5)
2 Screen	81	(13.5)	153	(25.5)	143	(23.8)
1 st & 2 nd 6-month period	32	(5.3)	54	(9.0)	46	(7.7)
2 nd & 3 rd 6-month period	25	(4.2)	50	(8.3)	50	(8.3)
1 st & 3 rd 6-month period	24	(4.0)	49	(8.2)	47	(7.8)
3 Screens	44	(7.3)	107	(17.8)	140	(23.3)

A



B



C

