

States

Neutral					Don't cry wolf (0.5x FN)				Better safe than sorry (0.5x FP)				
	Training	Training MR	Test	Test MR	Training	Training MR	Test	Test MR	Training	Training MR	Test	Test MR	
Adaptive: CHO	87	6	93	5	88	5	92	5	86	7	94	3	>2 ICU patients/100K/wk
Adaptive: CHOZ	86	9	91	7	87	9	89	8	86	7	93	4	
Adaptive: CHOD	90	4	93	3	91	0	93	4	90	5	94	3	
Adaptive: HZ	86	8	93	5	87	9	92	6	87	7	94	4	
Simplified adaptive: HZ	85	14	89	17	86	11	87	20	85	15	91	14	
Community Levels	60	42	79	34	73	24	73	48	47	58	86	21	
Z	84	12	90	14	85	13	87	19	83	18	92	9	
CHO	84	16	61	68	87	9	48	93	80	23	74	44	
HO	83	16	61	68	87	9	48	93	80	23	74	44	
CH	88	7	38	88	87	6	27	96	89	6	59	57	
H	84	17	37	89	81	17	59	77	88	7	58	57	
C	87	9	24	90	87	6	22	96	89	3	49	58	
Prevalence	73		17		73		17		73		17		
Adaptive: CHO	85	5	93	9	85	11	93	9	87	5	95	7	>10% inpatient bed occupancy
Adaptive: CHOZ	85	6	91	13	85	11	90	16	86	5	94	10	
Adaptive: CHOD	88	4	97	0	88	5	96	0	89	2	97	0	
Adaptive: HZ	83	10	91	15	84	10	89	22	84	8	94	10	
Simplified adaptive: HZ	82	16	93	11	86	9	92	13	80	25	94	11	
Community Levels	88	4	74	43	89	6	65	58	87	5	82	29	
Z	64	39	89	23	76	23	93	11	52	59	85	37	
CHO	87	4	73	44	89	4	78	31	87	4	76	43	
HO	85	8	88	12	86	10	91	8	84	10	78	40	
CH	88	4	74	43	89	4	77	32	87	4	78	40	
H	84	8	88	12	86	10	91	8	83	12	75	44	
C	87	4	66	46	89	4	72	32	86	7	78	31	
Prevalence	36		11		36		11		36		11		

HSA's

Neutral					Don't cry wolf (0.5x FN)				Better safe than sorry (0.5x FP)				
	Training	Training MR	Test	Test MR	Training	Training MR	Test	Test MR	Training	Training MR	Test	Test MR	
Adaptive: CHO	81	4	91	1	82	4	90	4	83	3	91	3	>2 ICU patients/100K/wk
Adaptive: CHOZ	82	2	91	1	83	2	91	3	83	3	92	1	
Adaptive: CHOD	82	3	90	2	83	4	92	1	84	3	91	3	
Adaptive: HZ	80	6	91	3	82	3	90	4	82	7	91	3	
Simplified adaptive: HZ	80	7	88	11	80	9	86	16	80	13	88	14	
Community Levels	66	25	80	25	76	12	74	36	55	39	85	16	
Z	80	6	89	9	81	7	86	15	79	13	91	5	
CHO	75	14	75	32	81	5	70	43	70	24	82	22	
HO	75	14	75	32	81	5	68	45	70	24	82	22	
CH	81	6	43	78	83	2	33	95	83	5	62	50	
H	80	11	42	78	80	6	62	59	83	4	61	50	>10% inpatient bed occupancy
C	80	7	42	74	82	3	23	95	83	5	51	53	
Prevalence	63		17		63		17		63		17		
Adaptive: CHO	84	10	90	15	86	10	90	15	84	6	93	7	
Adaptive: CHOZ	84	10	90	15	86	10	90	16	84	7	93	7	
Adaptive: CHOD	89	1	95	0	90	1	95	1	88	0	95	0	
Adaptive: HZ	83	9	90	15	86	7	87	24	83	8	93	7	
Simplified adaptive: HZ	79	18	91	12	84	10	90	15	79	21	93	8	
Community Levels	83	8	75	33	82	9	67	45	85	5	83	22	
Z	72	26	91	13	81	15	94	4	63	39	88	23	
CHO	85	8	84	16	87	4	85	15	84	8	86	17	
HO	83	8	91	11	87	6	92	9	82	7	85	19	
CH	85	8	77	25	87	5	83	15	84	8	77	29	
H	82	10	91	6	86	8	92	6	82	8	90	10	
C	85	8	76	26	87	5	79	18	84	8	76	30	
Prevalence	28		9		28		9		28		9		

Counties

Neutral					Don't cry wolf (0.5x FN)				Better safe than sorry (0.5x FP)				
	Training	Training MR	Test	Test MR	Training	Training MR	Test	Test MR	Training	Training MR	Test	Test MR	
Adaptive: CHO	81	4	91	2	82	4	91	4	83	4	91	3	>2 ICU patients/100K/wk
Adaptive: CHOZ	82	3	91	2	83	3	91	3	83	3	92	2	
Adaptive: CHOD	82	3	91	2	83	3	92	1	84	4	91	3	
Adaptive: HZ	81	6	91	3	82	3	91	4	82	6	91	4	
Simplified adaptive: HZ	80	7	88	12	80	8	87	15	80	11	88	14	
Community Levels	66	25	80	23	76	12	75	34	55	38	86	15	
Z	80	6	89	9	81	8	86	14	80	12	91	6	
CHO	76	14	76	32	81	4	69	44	70	23	82	21	
HO	76	14	76	32	81	4	69	44	70	22	82	21	
CH	81	5	45	76	83	3	35	94	83	4	63	48	
H	80	11	43	77	81	6	63	58	83	5	62	49	
C	79	8	44	71	81	4	25	95	82	7	53	52	
Prevalence	63		19		63		19		63		19		
Adaptive: CHO	84	8	90	13	86	8	90	15	84	6	93	6	>10% inpatient bed occupancy
Adaptive: CHOZ	84	8	90	13	86	8	89	16	84	6	93	6	
Adaptive: CHOD	88	1	95	0	89	1	95	1	87	0	95	0	
Adaptive: HZ	83	7	90	14	86	5	87	22	83	7	93	7	
Simplified adaptive: HZ	79	17	91	11	84	9	90	14	79	20	93	7	
Community Levels	84	6	76	31	83	9	68	42	85	4	84	21	
Z	72	24	91	13	81	14	94	4	62	38	87	24	
CHO	84	7	84	16	87	5	86	13	83	8	86	16	
HO	83	7	91	9	87	5	92	7	82	7	91	8	
CH	84	7	77	25	87	5	83	15	83	8	77	27	
H	82	9	91	5	86	7	92	5	82	7	90	11	
C	84	7	76	26	86	5	78	18	83	8	76	28	
Prevalence	28		9		28		9		28		9		