

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	97	4	77	10	97	4	84	2	98	2	70	14	>1 death/100K/wk	
Adaptive: CHOZ	97	4	80	5	97	5	85	2	98	2	76	10		
Adaptive: CHOD	90	17	74	17	91	13	82	4	88	20	70	16		
Adaptive: HZ	98	3	80	5	98	4	85	1	99	2	77	8		
Simplified adaptive: HZ	98	4	79	8	98	3	82	5	99	2	78	4		
Community Levels	92	20	66	24	95	12	68	29	90	26	64	24		
Z	93	14	78	8	94	11	76	12	91	16	80	3		
CHO	98	4	62	41	98	2	57	58	98	4	68	22		
HO	98	4	62	41	98	2	57	58	98	4	68	22		
CH	99	0	49	46	99	0	37	67	99	0	60	23		
H	98	3	48	52	98	4	33	77	99	1	63	26		
C	99	0	44	46	99	0	31	67	99	0	58	24		
Prevalence	98		31		98		31		98		31			
Adaptive: CHO	92	3	93	3	90	9	94	2	94	1	92	3	>2 deaths/100K/wk	
Adaptive: CHOZ	92	3	91	3	91	8	93	3	94	1	90	5		
Adaptive: CHOD	92	3	90	4	92	3	92	5	94	0	89	6		
Adaptive: HZ	93	0	92	3	93	0	93	4	94	1	92	3		
Simplified adaptive: HZ	92	2	94	0	92	2	94	2	93	2	93	1		
Community Levels	92	5	73	36	91	9	68	51	93	4	79	24		
Z	78	18	88	19	82	13	86	24	73	25	91	15		
CHO	93	1	71	49	94	2	91	6	94	0	78	33		
HO	93	2	91	5	93	0	91	10	94	0	78	35		
CH	93	2	90	6	94	2	91	7	94	1	75	35		
H	93	2	90	6	93	0	90	10	93	2	76	38		
C	92	6	65	39	91	10	74	27	94	1	63	42		
Prevalence	88		9		88		9		88		9			

HSAs

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	95	2	69	6	94	1	77	2	96	1	65	11	>1 death/100K/wk	
Adaptive: CHOZ	95	2	73	1	93	2	78	2	96	1	75	0		
Adaptive: CHOD	95	1	70	7	94	1	78	2	96	1	66	11		
Adaptive: HZ	95	0	73	0	94	1	78	2	96	0	75	0		
Simplified adaptive: HZ	94	2	72	1	93	3	77	3	96	1	74	1		
Community Levels	89	15	63	13	92	6	68	13	86	26	57	27		
Z	89	9	72	2	91	6	70	12	87	14	74	3		
CHO	92	7	65	13	94	1	69	18	91	15	61	16		
HO	92	7	65	13	94	1	69	18	91	15	61	16		
CH	94	2	50	31	94	0	44	47	95	3	60	15		
H	94	2	51	31	93	1	40	55	95	3	61	15		
C	95	2	47	32	94	1	37	54	96	2	58	23		
Prevalence	94		39		94		39		94		39			
Adaptive: CHO	87	3	88	0	85	3	91	1	90	2	86	2	>2 deaths/100K/wk	
Adaptive: CHOZ	88	2	88	0	86	2	91	1	91	0	87	0		
Adaptive: CHOD	87	2	88	0	86	1	91	2	90	1	86	1		
Adaptive: HZ	88	0	88	1	86	1	90	4	90	1	86	1		
Simplified adaptive: HZ	85	8	87	2	85	5	91	1	87	10	85	2		
Community Levels	87	4	73	24	86	3	70	37	88	6	75	14		
Z	77	10	83	11	81	5	81	17	73	17	85	9		
CHO	87	3	78	21	85	0	86	10	89	3	77	17		
HO	87	3	78	21	85	0	86	10	89	3	77	17		
CH	87	2	66	40	85	1	84	15	89	4	58	41		
H	87	3	65	41	85	1	84	15	89	3	72	24		
C	86	7	49	52	85	5	70	27	90	3	54	42		
Prevalence	83		14		83		14		83		14			

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	89	2	69	4	87	0	77	4	92	1	65	9	>1 death/100K/wk	
Adaptive: CHOZ	89	1	72	0	88	0	78	2	92	1	72	1		
Adaptive: CHOD	89	2	71	2	88	0	79	1	92	1	66	6		
Adaptive: HZ	89	0	72	1	88	0	78	3	93	0	72	1		
Simplified adaptive: HZ	88	4	70	4	87	2	76	5	92	1	71	1		
Community Levels	85	10	65	8	86	3	70	15	85	20	60	20		
Z	83	6	70	4	85	1	68	12	80	13	71	5		
CHO	88	3	66	9	87	0	70	19	89	10	63	12		
HO	88	4	66	10	87	0	69	21	89	10	63	11		
CH	89	1	52	26	87	0	64	28	91	3	61	13		
H	89	2	49	33	87	1	62	31	92	2	61	13		
C	89	1	48	32	87	2	48	39	92	1	57	21		
Prevalence	88		35		88		35		88		35			
Adaptive: CHO	80	3	86	1	77	4	90	0	85	1	83	3	>2 deaths/100K/wk	
Adaptive: CHOZ	81	0	86	0	78	1	90	1	85	0	85	0		
Adaptive: CHOD	80	2	86	1	78	1	90	0	86	0	84	1		
Adaptive: HZ	80	3	86	2	78	3	89	3	85	0	84	2		
Simplified adaptive: HZ	78	7	86	2	78	2	90	0	82	9	84	2		
Community Levels	80	2	73	23	77	5	71	33	84	3	75	13		
Z	71	7	81	10	74	4	79	15	67	14	83	10		
CHO	80	1	77	17	79	0	87	6	85	1	76	16		
HO	80	1	77	21	78	1	86	9	85	1	76	16		
CH	80	1	67	37	79	1	86	8	84	0	72	22		
H	80	2	65	40	77	3	83	14	84	1	71	23		
C	79	4	62	31	77	5	79	15	84	2	55	38		
Prevalence	75		15		75		15		75		15			