



B

Error in prevalence estimation during second growth phase

total samples N	pools b	pool size n	Training in f rst growth phase										Training in second growth phase									
			-	0.9	1.0	0.8	0.7	0.7	0.7	0.7	0.7	0.6	-	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	
288	6	48	-	0.9	1.0	0.8	0.7	0.7	0.7	0.7	0.7	0.6	-	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	
576	6	96	-	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	-	0.7	0.7	0.5	0.5	0.6	0.4	0.5	0.4	
576	12	48	-	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	-	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	
1152	6	192	-	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.4	-	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	
1152	12	96	-	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.4	-	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	
1152	24	48	-	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	-	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	
2304	6	384	-	0.7	0.6	0.7	0.6	0.5	0.6	0.5	0.4	0.4	-	0.5	0.4	0.5	0.5	0.4	0.4	0.5	0.4	
2304	12	192	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	-	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
2304	24	96	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
2304	48	48	-	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	-	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	
4608	12	384	-	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	
4608	24	192	-	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
4608	48	96	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
9216	24	384	-	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
9216	48	192	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	
18432	48	384	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	-	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	
				[0.500%, 0.611%]	[0.611%, 0.748%]	[0.748%, 0.914%]	[0.914%, 1.118%]	[1.118%, 1.367%]	[1.367%, 1.672%]	[1.672%, 2.044%]	[2.044%, 2.500%]			[0.500%, 0.611%]	[0.611%, 0.748%]	[0.748%, 0.914%]	[0.914%, 1.118%]	[1.118%, 1.367%]	[1.367%, 1.672%]	[1.672%, 2.044%]	[2.044%, 2.500%]	

2.0

1.5

1.0

0.5

NRMSE_{true}

True prevalence