

The AIC's of different methods for data simulated under ZINB distribution with  $\phi_c = 50\%$ .

parameters		One part models			Hurdle/ZI models		
$\phi_t$	$\gamma_1$	LOLS	Poisson	NB	2P-LOLS	PH/ZIP	NBH/ZINB
45%	0	3336	4694	3016	3006	3282	<b>2996</b>
	0.2	3490	5092	3144	3133	3480	<b>3121</b>
	0.6	3817	6120	3403	3389	3962	<b>3371</b>
50%	0	3267	4617	2926	2916	3182	<b>2906</b>
	0.2	3406	4988	3036	3025	3350	<b>3013</b>
	0.6	3723	5999	3281	3265	3794	<b>3248</b>
55%	0	3177	4501	2813	2801	3049	<b>2792</b>
	0.2	3324	4883	2933	2919	3224	<b>2908</b>
	0.6	3620	5872	3155	3135	3632	<b>3120</b>