

1034 Additional file 10 — Posterior estimations of parameters in the extended model for multi-site RCTs

Parameter	True value	Model (7)	Model (A3)
Δ_{co}	-0.400	-0.361	-0.362
δ_1	0.300	0.355	0.356
δ_2	0.400	0.371	0.372
δ_3	0.500	0.386	0.386
$\beta_{who_{enroll}=5 4}^a$	0.060	0.061	0.061
$\beta_{who_{enroll}=6 5}$	0.120	0.122	0.122
$\beta_{age=2 1}^b$	0.075	0.076	0.077
$\beta_{age=3 1}$	0.150	0.158	0.159
$\beta_{gender=1 0}^c$	0.100	0.107	0.108
$\beta_{Symptom\ Days=2 1}^d$	0.050	0.051	0.051
$\beta_{Symptom\ Days=3 1}$	0.100	0.103	0.104
$\beta_{Symptom\ Days=4 1}$	0.150	0.158	0.159
$\beta_{Symptom\ Days=5 1}$	0.200	0.208	0.209
α	0.000	-0.002	-0.002

^a WHO score at baseline

^b Age: 1 = < 50 years old; 2 = [50,65); 3 = ≥ 65 years old

^c Gender: 0 = female; 1 = male

^d Duration of symptoms before randomization: 1 = 0-3 days;

2 = 4-6 days; 3 = 7-10 days; 4 = 11-14 days; 5 = 14+ days

Table A3 Mean of estimated posterior medians of each parameter based on 3000 simulated trials.