

Table 9:

Outcome model: linear mixed model

Informative visit model:

$$\log(P(R_{it} = 1)) \text{ or } \text{logit}(P(R_{it} = 1)) = -5 + \gamma_0 b_0 + \gamma_1 b_1,$$

Fitting method: maximum likelihood

Random effects: $\text{corr}(b_{0i}, b_{1i})=0.5$

Info Visit Process		Simulated mean parameter estimates (SEs as subscripts)			
γ_0	γ_1	β_0 (true=0)	β_1 (true=1)	β_2 (true=2)	β_3 (true=3)
log link					
0	0	0.004 _{0.005}	0.997 _{0.009}	1.999 _{0.007}	3.000 _{0.013}
0.5	0	0.408 _{0.005}	1.202 _{0.009}	2.000 _{0.007}	3.007 _{0.012}
1	0	0.772 _{0.005}	1.348 _{0.008}	2.002 _{0.006}	2.981 _{0.011}
0	0.5	0.158 _{0.005}	1.490 _{0.009}	2.004 _{0.007}	3.011 _{0.012}
0.5	0.5	0.539 _{0.005}	1.661 _{0.008}	1.995 _{0.006}	3.009 _{0.012}
1	0.5	0.863 _{0.005}	1.779 _{0.008}	2.004 _{0.006}	3.000 _{0.011}
0	1	0.281 _{0.005}	1.963 _{0.009}	1.997 _{0.007}	2.997 _{0.012}
0.5	1	0.622 _{0.005}	2.087 _{0.009}	1.993 _{0.007}	3.001 _{0.011}
1	1	0.935 _{0.005}	2.160 _{0.008}	2.001 _{0.007}	3.004 _{0.012}
logit link					
0	0	0.002 _{0.005}	0.999 _{0.009}	2.002 _{0.007}	2.995 _{0.013}
0.5	0	0.403 _{0.005}	1.197 _{0.009}	1.997 _{0.007}	3.012 _{0.012}
1	0	0.761 _{0.005}	1.347 _{0.008}	2.002 _{0.007}	2.981 _{0.011}
0	0.5	0.156 _{0.005}	1.482 _{0.009}	2.002 _{0.007}	3.012 _{0.012}
0.5	0.5	0.533 _{0.005}	1.648 _{0.008}	1.994 _{0.006}	3.012 _{0.012}
1	0.5	0.853 _{0.005}	1.774 _{0.009}	2.006 _{0.006}	2.995 _{0.012}
0	1	0.283 _{0.005}	1.941 _{0.009}	1.999 _{0.007}	2.994 _{0.012}
0.5	1	0.622 _{0.005}	2.062 _{0.009}	1.991 _{0.007}	3.004 _{0.012}
1	1	0.934 _{0.005}	2.137 _{0.009}	2.002 _{0.007}	3.005 _{0.012}