	5%	95%
dde_env_bc	-0.05	0.01
pcb_env_bc	-2.87	-0.81
race_aggwhite	0.11	0.89
center10	-0.10	0.83
center15	-1.16	-0.31
center31	-0.25	0.82
center37	-1.05	-0.34
center45	-0.46	0.36
center50	-0.55	0.24
center55	-0.80	0.07
center60	-0.68	0.15
center66	-0.50	0.19
center71	-0.48	0.29
center82	-1.13	-0.33
smoking_status1	-0.34	-0.01
dde_env_bc:race_aggwhite	-0.12	0.02
pcb_env_bc:race_aggwhite	0.10	3.29
Dangerous—Pre term	-3.27	-2.55
Pre term—At term	-1.91	-1.24

	5%	95%
11 1		
dde_env_bc	-0.05	0.01
pcb_env_bc	-2.96	-0.87
race_aggwhite	0.13	0.91
center10	-0.10	0.89
center15	-1.18	-0.35
center31	-0.26	0.88
center37	-1.09	-0.36
center45	-0.48	0.36
center50	-0.58	0.23
center55	-0.83	0.06
center60	-0.72	0.12
center66	-0.52	0.19
center71	-0.50	0.30
center82	-1.17	-0.34
smoking_status1	-0.34	-0.01
dde_env_bc:race_aggwhite	-0.13	0.01
pcb_env_bc:race_aggwhite	0.00	3.48
Dangerous—Pre term	-3.30	-2.56
Pre term—At term	-1.93	-1.23
	5%	95%
dde_env_bc	-0.05	0.01
pcb_env_bc	-2.96	-0.87
race_aggwhite	0.13	0.91
center10	-0.10	0.89
centerio		
center15	-1.18	-0.35
center15 center31	-1.18	-0.35
center15 center31 center37	-1.18 -0.26	-0.35 0.88
center15 center31	-1.18 -0.26 -1.09 -0.48	-0.35 0.88 -0.36 0.36
center15 center31 center37 center45 center50	-1.18 -0.26 -1.09 -0.48 -0.58	-0.35 0.88 -0.36 0.36 0.23
center15 center31 center37 center45	-1.18 -0.26 -1.09 -0.48 -0.58 -0.83	-0.35 0.88 -0.36 0.36
center15 center31 center37 center45 center50 center55 center60	-1.18 -0.26 -1.09 -0.48 -0.58 -0.83 -0.72	-0.35 0.88 -0.36 0.36 0.23 0.06 0.12
center15 center31 center37 center45 center50 center55 center60 center66	-1.18 -0.26 -1.09 -0.48 -0.58 -0.83 -0.72 -0.52	-0.35 0.88 -0.36 0.36 0.23 0.06 0.12 0.19
center15 center31 center37 center45 center50 center55 center60 center66 center71	-1.18 -0.26 -1.09 -0.48 -0.58 -0.72 -0.52 -0.50	-0.35 0.88 -0.36 0.36 0.23 0.06 0.12 0.19 0.30
center15 center31 center37 center45 center50 center55 center60 center66 center71 center82	-1.18 -0.26 -1.09 -0.48 -0.58 -0.83 -0.72 -0.52 -0.50 -1.17	-0.35 0.88 -0.36 0.23 0.06 0.12 0.19 0.30 -0.34
center15 center31 center37 center45 center50 center55 center60 center66 center71 center82 smoking_status1	-1.18 -0.26 -1.09 -0.48 -0.58 -0.83 -0.72 -0.52 -0.50 -1.17 -0.34	-0.35 0.88 -0.36 0.23 0.06 0.12 0.19 0.30 -0.34 -0.01
center15 center31 center37 center45 center50 center55 center60 center66 center71 center82 smoking_status1 dde_env_bc:race_aggwhite	-1.18 -0.26 -1.09 -0.48 -0.58 -0.83 -0.72 -0.52 -0.50 -1.17 -0.34 -0.13	-0.35 0.88 -0.36 0.23 0.06 0.12 0.19 0.30 -0.34 -0.01
center35 center37 center45 center50 center55 center60 center66 center71 center82 smoking_status1 dde_env_bc:race_aggwhite pcb_env_bc:race_aggwhite	-1.18 -0.26 -1.09 -0.48 -0.58 -0.83 -0.72 -0.52 -0.50 -1.17 -0.34 -0.13 0.00	-0.35 0.88 -0.36 0.23 0.06 0.12 0.19 0.30 -0.34 -0.01 0.01 3.48
center15 center31 center37 center45 center50 center55 center60 center66 center71 center82 smoking_status1 dde_env_bc:race_aggwhite	-1.18 -0.26 -1.09 -0.48 -0.58 -0.83 -0.72 -0.52 -0.50 -1.17 -0.34 -0.13	-0.35 0.88 -0.36 0.23 0.06 0.12 0.19 0.30 -0.34 -0.01

Table 1: 99 most frequent hashtags in the data set.

1. Prior on \mathbb{R}^2

We vary different priors to check if the model is sensitive to priors. Our