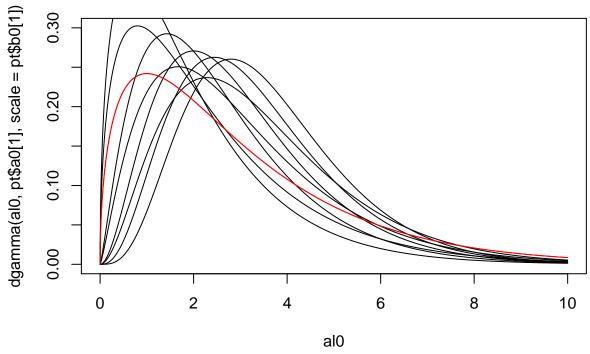
Tables for my own interest, population experiment

William McCausland 2018-08-08

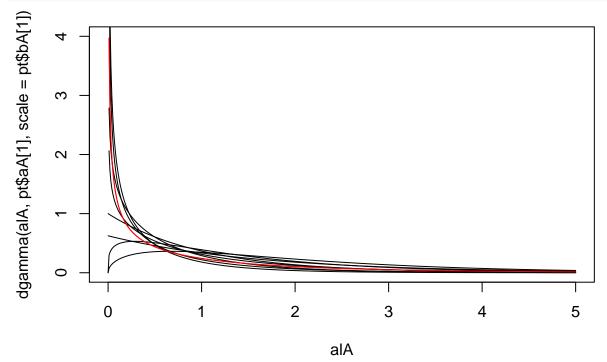
```
pt = data.frame(id = 0:8, row.names = 'id')
#pt$a0 = c(5, 5, 6, 7, 8)
\#pt\$b0 = c(5/12, 5/18, 5/18, 5/18, 5/18)
#pt$aA = c(1, 4, 3, 2, 1)
\#pt\$bA = c(5/12, 5/18, 5/18, 5/18, 5/18)
pt$a0 = c(1.50, 1.50, 1.50, 2.25, 2.25, 3.00, 3.00, 3.75, 4.50)
pt$b0 = c(2.00, 8/5, 4/3, 4/3, 8/7, 8/7, 1, 8/9, 0.8)
pt$aA = c(0.50, 1.00, 1.50, 0.75, 1.25, 0.50, 1.00, 0.75, 0.50)
pt$bA = pt$b0
pt$Ela = pt$a0 / (pt$a0 + pt$aA)
pt$Eal = pt$a0 * pt$b0 + pt$aA * pt$bA
pt$Val = pt$a0 * pt$b0^2 + pt$aA * pt$bA^2
pt$sdal = sqrt(pt$Val)
pt$Vla = pt$a0 * pt$aA / ((pt$a0 + pt$aA)^2 * (pt$a0 + pt$aA + 1))
pt$sdla = sqrt(pt$Vla)
knitr::kable(pt, digits = 3)
```

	a0	b0	aA	bA	Ela	Eal	Val	sdal	Vla	sdla
0	1.50	2.000	0.50	2.000	0.750	4	8.000	2.828	0.062	0.250
1	1.50	1.600	1.00	1.600	0.600	4	6.400	2.530	0.069	0.262
2	1.50	1.333	1.50	1.333	0.500	4	5.333	2.309	0.062	0.250
3	2.25	1.333	0.75	1.333	0.750	4	5.333	2.309	0.047	0.217
4	2.25	1.143	1.25	1.143	0.643	4	4.571	2.138	0.051	0.226
5	3.00	1.143	0.50	1.143	0.857	4	4.571	2.138	0.027	0.165
6	3.00	1.000	1.00	1.000	0.750	4	4.000	2.000	0.038	0.194
7	3.75	0.889	0.75	0.889	0.833	4	3.556	1.886	0.025	0.159
8	4.50	0.800	0.50	0.800	0.900	4	3.200	1.789	0.015	0.122

```
al0 = seq(0, 10, by=0.01)
plot(al0, dgamma(al0, pt$a0[1], scale=pt$b0[1]), 'l', col='red', ylim=c(0,0.3))
for (i in 2:9) {
   lines(al0, dgamma(al0, pt$a0[i], scale=pt$b0[i]))
}
lines(al0, dgamma(al0, pt$a0[1], scale=pt$b0[1]), 'l', col='red')
```



```
alA = seq(0, 5, by=0.01)
plot(alA, dgamma(alA, pt$aA[1], scale=pt$bA[1]), 'l', col='red', ylim=c(0,4))
for (i in 2:9) {
   lines(alA, dgamma(alA, pt$aA[i], scale=pt$bA[i]))
}
lines(alA, dgamma(alA, pt$aA[1], scale=pt$bA[1]), 'l', col='red')
```



knitr::kable(result.table[,c('B1', 'Be1', 'B2', 'Be2', 'B3', 'Be3', 'B4', 'Be4')], digits=c(2,3,2,3,2,3

	B1	Be1	B2	Be2	В3	Be3	B4	Be4
Prior	1.00	0.003	0.99	0.014	1.00	0.004	0.98	0.026
Male stars	101.43	5.277	836.72	93.327	144.72	5.751	1755.13	222.449
Female stars	17.79	1.672	79.52	12.506	15.09	1.876	122.50	22.187
Films	71.56	4.244	487.61	58.148	103.55	4.387	971.60	106.529
Star pairs	61.94	6.829	592.60	133.977	65.86	5.476	1091.48	248.896
Pizzas	30.90	2.348	159.09	20.614	24.47	1.863	217.83	26.104
Juices	56.88	3.540	360.16	50.343	64.94	3.237	621.25	76.427
Colours	40.19	1.942	206.15	18.756	50.59	2.076	368.32	34.610
Colour Combinations	11.36	1.839	67.42	14.353	15.59	2.577	126.35	25.575
Events	18.00	0.754	59.87	6.121	23.31	0.969	94.98	9.480
Radio formats	31.00	1.668	147.79	16.138	38.25	2.121	252.30	28.835
Musical artists	130.84	13.541	1644.03	477.150	129.81	6.785	2801.46	698.769
Aboriginal art	47.25	3.450	298.14	47.019	49.97	3.349	505.96	86.900
Impressionist art	74.33	5.926	592.71	105.312	84.57	4.676	1007.56	162.887
Sentences	71.16	4.513	528.47	73.966	96.87	3.892	958.76	113.159
Travel	99.68	6.281	854.55	121.125	123.36	5.442	1590.02	194.488
Marijuana	53.33	2.363	320.36	27.691	82.52	2.999	646.44	57.530
Latitude	11.73	0.295	32.34	1.497	22.76	0.604	57.97	3.159
Dots	88.64	5.751	706.32	96.800	116.29	4.638	1355.57	152.110
Triangles	37.96	1.769	200.06	18.257	51.44	2.185	378.57	38.038
Population	153.66	20.852	2145.26	808.104	142.32	7.435	3413.23	1124.283
Surface area	24.57	0.719	106.22	6.230	70.05	1.907	261.85	16.057
Beer	21.62	0.832	80.91	5.408	36.88	1.406	153.01	11.321
Cars	12.02	0.934	42.92	7.221	9.54	0.940	61.13	13.849
Restaurants	27.73	1.088	116.06	9.222	41.38	1.511	211.80	19.558
Flight layovers	16.87	1.168	69.24	9.714	19.89	1.378	112.93	16.543
Future payments	26.42	0.667	116.53	6.187	68.74	1.729	280.34	15.613
Phone plans	9.59	0.984	36.82	6.342	9.60	1.076	55.11	9.632
Hotel rooms	29.89	1.028	134.44	8.810	58.15	1.933	289.93	20.690
Two-flight itineraries	40.83	4.189	279.72	64.625	37.65	2.974	443.46	95.794
Televisions	53.78	2.511	355.96	47.007	107.47	3.751	846.74	122.999
Coffee	65.36	4.028	471.56	64.929	110.04	4.864	1025.51	140.437
Charity	28.32	1.216	120.33	8.968	40.05	1.672	210.20	16.008

knitr::kable(result.table[,c('wstP', 'wstPe', 'mstP', 'mstPe', 'sstP', 'sstPe', 'tiP', 'tiPe')], digits

Male stars 0.969 0.002 0.779 0.006 0.027638 0.001672 1.000 0.000 Female stars 0.608 0.007 0.139 0.004 0.001500 0.000184 1.000 0.000 Films 0.287 0.007 0.029 0.002 0.000012 0.000013 0.980 0.001 Star pairs 0.658 0.009 0.663 0.003 0.00010 0.00000 0.0000 0.000 Pizzas 0.417 0.008 0.015 0.001 0.00000 0.00000 0.999 0.000 Juices 0.726 0.008 0.164 0.006 0.000925 0.00180 0.999 0.000 Colours 0.733 0.009 0.447 0.010 0.001525 0.000273 0.999 0.000 Colours 0.774 0.011 0.352 0.011 0.00038 0.000022 1.000 0.000 Events 0.714 0.011 0.352 0.011 0.000038 1.000 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
Male stars 0.969 0.002 0.779 0.006 0.027638 0.001672 1.000 0.000 Female stars 0.608 0.007 0.139 0.004 0.001500 0.000184 1.000 0.000 Films 0.287 0.007 0.029 0.002 0.000012 0.000013 0.000 0.00003 1.000 0.000 Star pairs 0.658 0.009 0.063 0.003 0.00000 0.00000 0.000 0.000 Pizzas 0.417 0.008 0.015 0.001 0.000000 0.00000 0.999 0.000 Juices 0.726 0.008 0.164 0.006 0.000925 0.00180 0.999 0.000 Colours 0.733 0.009 0.447 0.010 0.001525 0.000273 0.999 0.000 Colours 0.774 0.011 0.352 0.011 0.000600 0.00137 0.999 0.000 Colours 0.714 0.011 0.352 0.011 </th <th></th> <th>wstP</th> <th>wstPe</th> <th>mstP</th> <th>mstPe</th> <th>sstP</th> <th>sstPe</th> <th>$\mathrm{ti}\mathrm{P}$</th> <th>tiPe</th>		wstP	wstPe	mstP	mstPe	sstP	sstPe	$\mathrm{ti}\mathrm{P}$	tiPe
Female stars 0.608 0.007 0.139 0.004 0.001500 0.000184 1.000 0.000 Films 0.287 0.007 0.029 0.002 0.000012 0.000013 0.980 0.001 Star pairs 0.658 0.009 0.063 0.001 0.000000 0.000000 0.0000 0.000 Pizzas 0.417 0.008 0.015 0.001 0.000000 0.00000 0.999 0.000 Colours 0.726 0.008 0.164 0.006 0.000925 0.000180 0.999 0.000 Colour Combinations 0.221 0.006 0.013 0.001 0.00038 0.000273 0.999 0.000 Events 0.714 0.011 0.352 0.011 0.000600 0.000137 0.993 0.000 Radio formats 0.991 0.001 0.625 0.008 0.01138 0.000021 1.000 0.000 Musical artists 0.720 0.008 0.230 0.006 0.0017	Prior	0.547	0.001	0.072	0.000	0.000392	0.000022	0.586	0.001
Films 0.287 0.007 0.029 0.002 0.000012 0.000013 0.980 0.001 Star pairs 0.658 0.009 0.063 0.003 0.000100 0.000039 1.000 0.000 Pizzas 0.417 0.008 0.015 0.001 0.000000 0.00000 0.999 0.000 Colours 0.726 0.008 0.164 0.006 0.00025 0.000180 0.999 0.000 Colours 0.773 0.009 0.447 0.010 0.001525 0.000273 0.999 0.000 Colour Combinations 0.221 0.006 0.013 0.001 0.00038 0.000221 1.000 0.000 Events 0.714 0.011 0.352 0.011 0.000600 0.00137 0.993 0.000 Radio formats 0.991 0.001 0.625 0.008 0.011538 0.000216 1.000 0.000 Musical artists 0.720 0.008 0.230 0.006 0.01738	Male stars	0.969	0.002	0.779	0.006	0.027638	0.001672	1.000	0.000
Star pairs 0.658 0.009 0.063 0.003 0.000100 0.000039 1.000 0.000 Pizzas 0.417 0.008 0.015 0.001 0.00000 0.00000 0.999 0.000 Juices 0.726 0.008 0.164 0.006 0.000925 0.00180 0.999 0.000 Colour Combinations 0.271 0.009 0.447 0.010 0.001525 0.000273 0.999 0.000 Events 0.714 0.011 0.352 0.011 0.00000 0.000137 0.993 0.000 Events 0.714 0.011 0.352 0.011 0.00000 0.000137 0.993 0.000 Radio formats 0.991 0.001 0.625 0.008 0.011538 0.000988 1.000 0.000 Musical artists 0.720 0.008 0.230 0.006 0.01738 0.000216 1.000 0.000 Aboriginal art 0.888 0.005 0.376 0.008 0.007625	Female stars	0.608	0.007	0.139	0.004	0.001500	0.000184	1.000	0.000
Pizzas 0.417 0.008 0.015 0.001 0.000000 0.000000 0.999 0.000 Juices 0.726 0.008 0.164 0.006 0.000925 0.000180 0.999 0.000 Colours 0.793 0.009 0.447 0.010 0.001525 0.000273 0.999 0.000 Events 0.714 0.011 0.352 0.011 0.000600 0.00137 0.993 0.000 Events 0.714 0.011 0.352 0.011 0.000600 0.00137 0.993 0.000 Events 0.714 0.011 0.625 0.008 0.011538 0.0002137 0.993 0.000 Musical artists 0.720 0.008 0.230 0.006 0.01738 0.000216 1.000 0.000 Aboriginal art 0.888 0.005 0.376 0.008 0.005400 0.000580 1.000 0.000 Impressionist art 0.868 0.005 0.376 0.008 0.005400	Films	0.287	0.007	0.029	0.002	0.000012	0.000013	0.980	0.001
Juices 0.726 0.008 0.164 0.006 0.000925 0.000180 0.999 0.000 Colours 0.793 0.009 0.447 0.010 0.001525 0.000273 0.999 0.000 Colour Combinations 0.221 0.006 0.013 0.001 0.000038 0.00022 1.000 0.000 Events 0.714 0.011 0.352 0.011 0.000600 0.000137 0.993 0.000 Radio formats 0.991 0.001 0.625 0.008 0.011538 0.000988 1.000 0.000 Musical artists 0.720 0.008 0.230 0.006 0.001738 0.000216 1.000 0.000 Aboriginal art 0.838 0.004 0.352 0.007 0.007625 0.000216 1.000 0.000 Impressionist art 0.868 0.005 0.376 0.008 0.005400 0.000644 1.000 0.000 Sentences 0.766 0.008 0.375 0.009	Star pairs	0.658	0.009	0.063	0.003	0.000100	0.000039	1.000	0.000
Colours 0.793 0.009 0.447 0.010 0.001525 0.000273 0.999 0.000 Colour Combinations 0.221 0.006 0.013 0.001 0.000038 0.000022 1.000 0.000 Events 0.714 0.011 0.352 0.011 0.00600 0.000137 0.993 0.000 Radio formats 0.991 0.001 0.625 0.008 0.011538 0.000988 1.000 0.000 Musical artists 0.720 0.008 0.230 0.006 0.001738 0.00216 1.000 0.000 Aboriginal art 0.838 0.004 0.352 0.007 0.007625 0.000580 1.000 0.000 Impressionist art 0.868 0.005 0.375 0.009 0.001012 0.000644 1.000 0.000 Sentences 0.766 0.008 0.07540 0.000253 1.000 0.000 Travel 0.974 0.002 0.706 0.008 0.028912 0.001919	Pizzas	0.417	0.008	0.015	0.001	0.000000	0.000000	0.999	0.000
$ \begin{array}{c} \text{Colour Combinations} & 0.221 & 0.006 & 0.013 & 0.001 & 0.000038 & 0.000022 & 1.000 & 0.000 \\ \text{Events} & 0.714 & 0.011 & 0.352 & 0.011 & 0.000600 & 0.000137 & 0.993 & 0.000 \\ \text{Radio formats} & 0.991 & 0.001 & 0.625 & 0.008 & 0.011538 & 0.000988 & 1.000 & 0.000 \\ \text{Musical artists} & 0.720 & 0.008 & 0.230 & 0.006 & 0.001738 & 0.000216 & 1.000 & 0.000 \\ \text{Aboriginal art} & 0.838 & 0.004 & 0.352 & 0.007 & 0.007625 & 0.000580 & 1.000 & 0.000 \\ \text{Impressionist art} & 0.868 & 0.005 & 0.376 & 0.008 & 0.005400 & 0.000644 & 1.000 & 0.000 \\ \text{Impressionist art} & 0.868 & 0.005 & 0.375 & 0.009 & 0.001012 & 0.000253 & 1.000 & 0.000 \\ \text{Sentences} & 0.766 & 0.008 & 0.375 & 0.009 & 0.001012 & 0.000253 & 1.000 & 0.000 \\ \text{Travel} & 0.974 & 0.002 & 0.706 & 0.008 & 0.028912 & 0.001919 & 1.000 & 0.000 \\ \text{Marijuana} & 0.952 & 0.002 & 0.101 & 0.005 & 0.000050 & 0.000025 & 0.981 & 0.001 \\ \text{Latitude} & 0.990 & 0.001 & 0.371 & 0.009 & 0.000012 & 0.000013 & 0.962 & 0.001 \\ \text{Dots} & 0.762 & 0.008 & 0.249 & 0.008 & 0.002562 & 0.000326 & 1.000 & 0.000 \\ \text{Triangles} & 0.619 & 0.007 & 0.196 & 0.006 & 0.000988 & 0.000148 & 0.998 & 0.000 \\ \text{Population} & 0.549 & 0.007 & 0.087 & 0.004 & 0.000550 & 0.00097 & 1.000 & 0.000 \\ \text{Surface area} & 0.911 & 0.006 & 0.396 & 0.014 & 0.037612 & 0.003642 & 1.000 & 0.000 \\ \text{Beer} & 0.598 & 0.008 & 0.189 & 0.006 & 0.002362 & 0.000311 & 0.964 & 0.002 \\ \text{Cars} & 0.613 & 0.008 & 0.107 & 0.004 & 0.000425 & 0.000099 & 0.999 & 0.000 \\ \text{Restaurants} & 0.746 & 0.009 & 0.247 & 0.008 & 0.000938 & 0.000167 & 0.991 & 0.001 \\ \text{Flight layovers} & 0.994 & 0.001 & 0.445 & 0.008 & 0.000938 & 0.000167 & 0.991 & 0.001 \\ \text{Future payments} & 0.984 & 0.001 & 0.445 & 0.008 & 0.00025 & 0.000144 & 0.999 & 0.000 \\ \text{Phone plans} & 0.243 & 0.006 & 0.020 & 0.001 & 0.000138 & 0.000044 & 0.998 & 0.000 \\ \text{Televisions} & 0.998 & 0.000 & 0.949 & 0.003 & 0.014325 & 0.00044 & 1.000 & 0.000 \\ \text{Coffee} & 0.866 & 0.066 & 0.631 & 0.010 & 0.008800 & 0.000711 & 1.000 & 0.000 \\ \text{Coffee} & 0.866 & 0.066 & 0.631 & 0.010 & 0.00$	Juices	0.726	0.008	0.164	0.006	0.000925	0.000180	0.999	0.000
Events 0.714 0.011 0.352 0.011 0.000600 0.000137 0.993 0.000 Radio formats 0.991 0.001 0.625 0.008 0.011538 0.000988 1.000 0.000 Musical artists 0.720 0.008 0.230 0.006 0.001738 0.00216 1.000 0.000 Aboriginal art 0.838 0.004 0.352 0.007 0.007625 0.000580 1.000 0.000 Impressionist art 0.868 0.005 0.376 0.008 0.05400 0.00644 1.000 0.000 Sentences 0.766 0.008 0.375 0.009 0.00112 0.000253 1.000 0.000 Travel 0.974 0.002 0.766 0.008 0.028912 0.001919 1.000 0.000 Marijuana 0.952 0.002 0.101 0.005 0.000550 0.000255 0.981 0.001 Dots 0.762 0.008 0.249 0.008 0.002562	Colours	0.793	0.009	0.447	0.010	0.001525	0.000273	0.999	0.000
Radio formats 0.991 0.001 0.625 0.008 0.011538 0.000988 1.000 0.000 Musical artists 0.720 0.008 0.230 0.006 0.001738 0.000216 1.000 0.000 Aboriginal art 0.838 0.004 0.352 0.007 0.007625 0.000580 1.000 0.000 Impressionist art 0.868 0.005 0.376 0.008 0.005400 0.000644 1.000 0.000 Sentences 0.766 0.008 0.375 0.009 0.001012 0.000253 1.000 0.000 Travel 0.974 0.002 0.706 0.008 0.028912 0.001919 1.000 0.000 Marijuana 0.952 0.002 0.101 0.005 0.000050 0.000025 0.981 0.001 Latitude 0.990 0.001 0.371 0.009 0.000012 0.00013 0.962 0.001 Dots 0.762 0.008 0.249 0.008 0.0	Colour Combinations	0.221	0.006	0.013	0.001	0.000038	0.000022	1.000	0.000
Musical artists 0.720 0.008 0.230 0.006 0.001738 0.000216 1.000 0.000 Aboriginal art 0.838 0.004 0.352 0.007 0.007625 0.000580 1.000 0.000 Impressionist art 0.868 0.005 0.376 0.008 0.005400 0.000644 1.000 0.000 Sentences 0.766 0.008 0.375 0.009 0.001012 0.00253 1.000 0.000 Travel 0.974 0.002 0.706 0.008 0.028912 0.001919 1.000 0.000 Marijuana 0.952 0.002 0.101 0.005 0.000050 0.000025 0.981 0.001 Latitude 0.990 0.001 0.371 0.009 0.00012 0.00013 0.962 0.001 Dots 0.762 0.008 0.249 0.008 0.002562 0.000326 1.000 0.000 Triangles 0.619 0.007 0.196 0.006 0.000988<	Events	0.714	0.011	0.352	0.011	0.000600	0.000137	0.993	0.000
Aboriginal art 0.838 0.004 0.352 0.007 0.007625 0.000580 1.000 0.000 Impressionist art 0.868 0.005 0.376 0.008 0.005400 0.000644 1.000 0.000 Sentences 0.766 0.008 0.375 0.009 0.001012 0.000253 1.000 0.000 Travel 0.974 0.002 0.706 0.008 0.028912 0.001919 1.000 0.000 Marijuana 0.952 0.002 0.101 0.005 0.000050 0.000025 0.981 0.001 Latitude 0.990 0.001 0.371 0.009 0.000012 0.00013 0.962 0.001 Dots 0.762 0.008 0.249 0.008 0.002562 0.000326 1.000 0.000 Triangles 0.619 0.007 0.196 0.006 0.000988 0.000148 0.998 0.000 Population 0.549 0.007 0.087 0.004 0.00550	Radio formats	0.991	0.001	0.625	0.008	0.011538	0.000988	1.000	0.000
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Musical artists	0.720	0.008	0.230	0.006	0.001738	0.000216	1.000	0.000
Sentences 0.766 0.008 0.375 0.009 0.001012 0.000253 1.000 0.000 Travel 0.974 0.002 0.706 0.008 0.028912 0.001919 1.000 0.000 Marijuana 0.952 0.002 0.101 0.005 0.000050 0.000025 0.981 0.001 Latitude 0.990 0.001 0.371 0.009 0.000012 0.000013 0.962 0.001 Dots 0.762 0.008 0.249 0.008 0.002562 0.000326 1.000 0.000 Triangles 0.619 0.007 0.196 0.006 0.000988 0.000148 0.998 0.000 Population 0.549 0.007 0.087 0.004 0.000550 0.000097 1.000 0.000 Surface area 0.911 0.006 0.396 0.014 0.037612 0.003642 1.000 0.000 Beer 0.598 0.008 0.189 0.006 0.002362	Aboriginal art	0.838	0.004	0.352	0.007	0.007625	0.000580	1.000	0.000
Travel 0.974 0.002 0.706 0.008 0.028912 0.001919 1.000 0.000 Marijuana 0.952 0.002 0.101 0.005 0.000050 0.000025 0.981 0.001 Latitude 0.990 0.001 0.371 0.009 0.000012 0.000013 0.962 0.001 Dots 0.762 0.008 0.249 0.008 0.002562 0.000326 1.000 0.000 Triangles 0.619 0.007 0.196 0.006 0.000988 0.000148 0.998 0.000 Population 0.549 0.007 0.087 0.004 0.000550 0.000097 1.000 0.000 Surface area 0.911 0.006 0.396 0.014 0.037612 0.003642 1.000 0.000 Beer 0.598 0.008 0.189 0.006 0.002362 0.000311 0.964 0.002 Cars 0.613 0.008 0.107 0.004 0.00425 0.0000	Impressionist art	0.868	0.005	0.376	0.008	0.005400	0.000644	1.000	0.000
Marijuana 0.952 0.002 0.101 0.005 0.000050 0.000025 0.981 0.001 Latitude 0.990 0.001 0.371 0.009 0.000012 0.000013 0.962 0.001 Dots 0.762 0.008 0.249 0.008 0.002562 0.000326 1.000 0.000 Triangles 0.619 0.007 0.196 0.006 0.000988 0.000148 0.998 0.000 Population 0.549 0.007 0.087 0.004 0.00550 0.000097 1.000 0.000 Surface area 0.911 0.006 0.396 0.014 0.037612 0.003642 1.000 0.000 Beer 0.598 0.008 0.189 0.006 0.002362 0.000311 0.964 0.002 Cars 0.613 0.008 0.107 0.004 0.000425 0.000099 0.999 0.000 Restaurants 0.746 0.009 0.247 0.008 0.000938 0	Sentences	0.766	0.008	0.375	0.009	0.001012	0.000253	1.000	0.000
Latitude 0.990 0.001 0.371 0.009 0.000012 0.000013 0.962 0.001 Dots 0.762 0.008 0.249 0.008 0.002562 0.000326 1.000 0.000 Triangles 0.619 0.007 0.196 0.006 0.000988 0.000148 0.998 0.000 Population 0.549 0.007 0.087 0.004 0.000550 0.000097 1.000 0.000 Surface area 0.911 0.006 0.396 0.014 0.037612 0.003642 1.000 0.000 Beer 0.598 0.008 0.189 0.006 0.002362 0.000311 0.964 0.002 Cars 0.613 0.008 0.107 0.004 0.000425 0.000099 0.999 0.000 Restaurants 0.746 0.009 0.247 0.008 0.000938 0.000167 0.991 0.001 Flight layovers 0.996 0.000 0.168 0.006 0.000962	Travel	0.974	0.002	0.706	0.008	0.028912	0.001919	1.000	0.000
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Marijuana	0.952	0.002	0.101	0.005	0.000050	0.000025	0.981	0.001
Triangles 0.619 0.007 0.196 0.006 0.000988 0.000148 0.998 0.000 Population 0.549 0.007 0.087 0.004 0.000550 0.000097 1.000 0.000 Surface area 0.911 0.006 0.396 0.014 0.037612 0.003642 1.000 0.000 Beer 0.598 0.008 0.189 0.006 0.002362 0.000311 0.964 0.002 Cars 0.613 0.008 0.107 0.004 0.000425 0.000099 0.999 0.000 Restaurants 0.746 0.009 0.247 0.008 0.000938 0.000167 0.991 0.001 Flight layovers 0.996 0.000 0.168 0.006 0.000962 0.000144 0.999 0.000 Future payments 0.984 0.001 0.445 0.008 0.00125 0.000149 1.000 0.000 Phone plans 0.243 0.006 0.020 0.010 0.00675	Latitude	0.990	0.001	0.371	0.009	0.000012	0.000013	0.962	0.001
Population 0.549 0.007 0.087 0.004 0.000550 0.000097 1.000 0.000 Surface area 0.911 0.006 0.396 0.014 0.037612 0.003642 1.000 0.000 Beer 0.598 0.008 0.189 0.006 0.002362 0.000311 0.964 0.002 Cars 0.613 0.008 0.107 0.004 0.000425 0.000099 0.999 0.000 Restaurants 0.746 0.009 0.247 0.008 0.000938 0.000167 0.991 0.001 Flight layovers 0.996 0.000 0.168 0.006 0.000962 0.000144 0.999 0.000 Future payments 0.984 0.001 0.445 0.008 0.001225 0.000149 1.000 0.000 Phone plans 0.243 0.006 0.020 0.001 0.006750 0.000808 0.997 0.000 Two-flight itineraries 0.357 0.007 0.031 0.002	Dots	0.762	0.008	0.249	0.008	0.002562	0.000326	1.000	0.000
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Triangles	0.619	0.007	0.196	0.006	0.000988	0.000148	0.998	0.000
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Population	0.549	0.007	0.087	0.004	0.000550	0.000097	1.000	0.000
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Surface area	0.911	0.006	0.396	0.014	0.037612	0.003642	1.000	0.000
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Beer	0.598	0.008	0.189	0.006	0.002362	0.000311	0.964	0.002
Flight layovers 0.996 0.000 0.168 0.006 0.000962 0.000144 0.999 0.000 Future payments 0.984 0.001 0.445 0.008 0.001225 0.000149 1.000 0.000 Phone plans 0.243 0.006 0.020 0.001 0.000138 0.000044 0.998 0.000 Hotel rooms 1.000 0.000 0.590 0.010 0.006750 0.000808 0.997 0.000 Two-flight itineraries 0.357 0.007 0.031 0.002 0.000125 0.000041 1.000 0.000 Televisions 0.998 0.000 0.949 0.003 0.014325 0.001488 1.000 0.000 Coffee 0.866 0.006 0.631 0.010 0.008800 0.000711 1.000 0.000	Cars	0.613	0.008	0.107	0.004	0.000425	0.000099	0.999	0.000
Future payments 0.984 0.001 0.445 0.008 0.001225 0.000149 1.000 0.000 Phone plans 0.243 0.006 0.020 0.001 0.000138 0.000044 0.998 0.000 Hotel rooms 1.000 0.000 0.590 0.010 0.006750 0.000808 0.997 0.000 Two-flight itineraries 0.357 0.007 0.031 0.002 0.000125 0.000041 1.000 0.000 Televisions 0.998 0.000 0.949 0.003 0.014325 0.001488 1.000 0.000 Coffee 0.866 0.006 0.631 0.010 0.008800 0.000711 1.000 0.000	Restaurants	0.746	0.009	0.247	0.008	0.000938	0.000167	0.991	0.001
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Flight layovers	0.996	0.000	0.168	0.006	0.000962	0.000144	0.999	0.000
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Future payments	0.984	0.001	0.445	0.008	0.001225	0.000149	1.000	0.000
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Phone plans	0.243	0.006	0.020	0.001	0.000138	0.000044	0.998	0.000
Televisions 0.998 0.000 0.949 0.003 0.014325 0.001488 1.000 0.000 Coffee 0.866 0.006 0.631 0.010 0.008800 0.000711 1.000 0.000	Hotel rooms	1.000	0.000	0.590	0.010	0.006750	0.000808	0.997	0.000
Coffee 0.866 0.006 0.631 0.010 0.008800 0.000711 1.000 0.000	Two-flight itineraries	0.357	0.007	0.031	0.002	0.000125	0.000041	1.000	0.000
	Televisions	0.998		0.949	0.003	0.014325	0.001488	1.000	0.000
Charity $0.774 0.009 0.051 0.003 0.000025 0.000018 0.973 0.001$	Coffee	0.866	0.006	0.631	0.010	0.008800	0.000711	1.000	0.000
	Charity	0.774	0.009	0.051	0.003	0.000025	0.000018	0.973	0.001

- High posterior probability of TI is remarkably robust.
 Prior probability of SST is quite low. Are posterior probabilities reliable?

knitr::kable(result.table[,c('regP', 'regPe', 'ruP', 'ruPe', 'mulP', 'mulPe')], digits = c(3,3,3,3,6,6)

	D	D.	D	D.	1D	mulPe
	regP	regPe	ruP	ruPe	mulP	muiPe
Prior	0.017	0.000	0.009	0.000	0.000012	0.000004
Male stars	0.131	0.002	0.053	0.001	0.007538	0.000758
Female stars	0.064	0.003	0.024	0.001	0.000275	0.000070
Films	0.110	0.002	0.045	0.001	0.010925	0.000830
Star pairs	0.135	0.004	0.058	0.002	0.001075	0.000238
Pizzas	0.099	0.003	0.038	0.002	0.000688	0.000146
Juices	0.089	0.002	0.036	0.001	0.003788	0.000449
Colours	0.084	0.002	0.036	0.001	0.001888	0.000241
Colour Combinations	0.120	0.003	0.048	0.002	0.002862	0.000370
Events	0.037	0.002	0.017	0.001	0.000138	0.000049
Radio formats	0.038	0.001	0.015	0.001	0.001538	0.000198
Musical artists	0.142	0.003	0.056	0.002	0.004475	0.000478
Aboriginal art	0.066	0.002	0.026	0.001	0.000175	0.000060
Impressionist art	0.100	0.003	0.040	0.001	0.002250	0.000410
Sentences	0.150	0.007	0.070	0.004	0.004425	0.000454
Travel	0.099	0.003	0.041	0.001	0.010888	0.000824
Marijuana	0.111	0.003	0.049	0.002	0.000138	0.000048
Latitude	0.041	0.002	0.019	0.001	0.000000	0.000000
Dots	0.141	0.002	0.060	0.001	0.001938	0.000402
Triangles	0.073	0.002	0.032	0.001	0.000025	0.000018
Population	0.139	0.003	0.054	0.001	0.005562	0.000562
Surface area	0.120	0.003	0.061	0.002	0.001250	0.000206
Beer	0.039	0.002	0.019	0.001	0.000400	0.000132
Cars	0.045	0.002	0.019	0.001	0.000950	0.000149
Restaurants	0.046	0.002	0.022	0.001	0.000200	0.000081
Flight layovers	0.056	0.002	0.024	0.001	0.000000	0.000000
Future payments	0.095	0.003	0.043	0.002	0.000000	0.000000
Phone plans	0.055	0.002	0.024	0.001	0.000025	0.000018
Hotel rooms	0.069	0.002	0.032	0.001	0.000388	0.000159
Two-flight itineraries	0.093	0.003	0.037	0.002	0.000488	0.000116
Televisions	0.121	0.003	0.056	0.002	0.002250	0.000420
Coffee	0.105	0.002	0.045	0.001	0.006962	0.000673
Charity	0.054	0.002	0.023	0.001	0.000138	0.000054

 $\bullet\,$ Prior probability of MI is far too low to estimate well with 800000 draws.

knitr::kable(result.table[,c('wstb', 'wstbe', 'mstb', 'mstbe', 'sstb', 'sstbe', 'tib', 'tibe')], digits

	wstb	wstbe	mstb	mstbe	sstb	sstbe	tib	tibe
Prior	0.000	0.001	0.000	0.004	0.000	0.055	0.000	0.001
Male stars	0.572	0.002	2.388	0.009	4.254	0.082	0.535	0.001
Female stars	0.105	0.011	0.667	0.028	1.341	0.134	0.535	0.001
Films	-0.646	0.025	-0.907	0.068	-3.447	1.003	0.514	0.002
Star pairs	0.185	0.013	-0.127	0.050	-1.367	0.396	0.534	0.001
Pizzas	-0.272	0.019	-1.589	0.082	-Inf	NA	0.534	0.001
Juices	0.283	0.011	0.833	0.035	0.857	0.202	0.534	0.001
Colours	0.372	0.011	1.833	0.023	1.357	0.188	0.534	0.001
Colour Combinations	-0.904	0.028	-1.714	0.075	-2.348	0.579	0.535	0.001
Events	0.266	0.016	1.592	0.032	0.424	0.235	0.527	0.001
Radio formats	0.594	0.001	2.169	0.013	3.381	0.102	0.534	0.001
Musical artists	0.275	0.011	1.169	0.028	1.488	0.136	0.535	0.001
Aboriginal art	0.427	0.005	1.593	0.020	2.967	0.094	0.535	0.001
Impressionist art	0.462	0.006	1.660	0.022	2.622	0.131	0.534	0.001
Sentences	0.336	0.010	1.657	0.025	0.948	0.256	0.534	0.001
Travel	0.577	0.003	2.290	0.012	4.299	0.086	0.535	0.001
Marijuana	0.555	0.003	0.346	0.048	-2.061	0.501	0.516	0.001
Latitude	0.593	0.001	1.646	0.024	-3.447	1.003	0.496	0.002
Dots	0.331	0.010	1.248	0.033	1.876	0.139	0.535	0.001
Triangles	0.123	0.012	1.008	0.030	0.923	0.160	0.533	0.001
Population	0.004	0.014	0.198	0.044	0.337	0.185	0.535	0.001
Surface area	0.510	0.007	1.711	0.035	4.563	0.111	0.534	0.001
Beer	0.089	0.013	0.969	0.034	1.795	0.143	0.498	0.003
Cars	0.114	0.013	0.406	0.042	0.080	0.240	0.534	0.001
Restaurants	0.310	0.012	1.241	0.031	0.871	0.187	0.526	0.001
Flight layovers	0.599	0.001	0.855	0.037	0.897	0.160	0.533	0.001
Future payments	0.588	0.001	1.827	0.019	1.138	0.134	0.535	0.001
Phone plans	-0.813	0.025	-1.273	0.066	-1.049	0.324	0.532	0.001
Hotel rooms	0.603	0.001	2.111	0.017	2.845	0.132	0.532	0.001
Two-flight itineraries	-0.426	0.020	-0.826	0.049	-1.144	0.336	0.534	0.001
Televisions	0.601	0.001	2.585	0.005	3.597	0.118	0.534	0.001
Coffee	0.460	0.007	2.177	0.017	3.110	0.098	0.535	0.001
Charity	0.347	0.012	-0.343	0.062	-2.754	0.709	0.508	0.002

knitr::kable(result.table[,c('regb', 'regbe', 'rub', 'rube', 'mulb', 'mulbe')], digits = 3)

	regb	regbe	rub	rube	mulb	mulbe
Prior	0.000	0.009	0.000	0.012	0.000	0.315
Male stars	2.045	0.020	1.806	0.026	6.402	0.330
Female stars	1.333	0.046	1.012	0.060	3.091	0.404
Films	1.867	0.023	1.635	0.031	6.773	0.324
Star pairs	2.073	0.032	1.889	0.040	4.454	0.385
Pizzas	1.768	0.034	1.475	0.043	4.007	0.380
Juices	1.658	0.028	1.422	0.035	5.714	0.336
Colours	1.604	0.027	1.416	0.034	5.017	0.340
Colour Combinations	1.955	0.027	1.703	0.035	5.434	0.340
Events	0.766	0.056	0.666	0.064	2.398	0.473
Radio formats	0.799	0.039	0.573	0.048	4.812	0.340
Musical artists	2.124	0.024	1.860	0.030	5.881	0.332
Aboriginal art	1.358	0.031	1.100	0.040	2.639	0.468
Impressionist art	1.777	0.027	1.535	0.034	5.193	0.364
Sentences	2.177	0.044	2.083	0.054	5.869	0.331
Travel	1.766	0.027	1.547	0.035	6.770	0.324
Marijuana	1.878	0.027	1.727	0.033	2.398	0.469
Latitude	0.878	0.041	0.792	0.047	-Inf	NA
Dots	2.118	0.020	1.928	0.026	5.043	0.377
Triangles	1.455	0.032	1.317	0.040	0.693	0.774
Population	2.100	0.022	1.827	0.030	6.098	0.331
Surface area	1.959	0.025	1.946	0.031	4.605	0.355
Beer	0.822	0.044	0.761	0.049	3.466	0.456
Cars	0.975	0.049	0.790	0.059	4.331	0.352
Restaurants	0.998	0.049	0.939	0.054	2.773	0.514
Flight layovers	1.194	0.038	1.033	0.046	-Inf	NA
Future payments	1.725	0.033	1.608	0.042	-Inf	NA
Phone plans	1.180	0.038	1.018	0.045	0.693	0.774
Hotel rooms	1.398	0.026	1.299	0.032	3.434	0.517
Two-flight itineraries	1.702	0.035	1.453	0.042	3.664	0.395
Televisions	1.967	0.023	1.855	0.031	5.193	0.366
Coffee	1.826	0.020	1.635	0.026	6.323	0.329
Charity	1.152	0.033	0.976	0.040	2.398	0.503

• Prior simulation is weak link in standard errors for MI log Bayes factors.

knitr::kable(result.table[,c('al1', 'ale1', 'al2', 'ale2', 'al3', 'ale3', 'al4', 'ale4', 'al', 'ale')],

	al1	ale1	al2	ale2	al3	ale3	al4	ale4	al	ale
Prior	4.061	0.011	3.941	0.051	3.467	0.010	4.004	0.079	2.891	0.001
Male stars	6.644	0.123	7.504	0.212	5.846	0.089	7.297	0.207	4.852	0.038
Female stars	8.613	0.173	8.237	0.226	7.031	0.155	7.627	0.242	5.465	0.056
Films	6.511	0.151	7.206	0.280	5.577	0.099	6.910	0.260	4.698	0.043
Star pairs	8.045	0.231	8.900	0.345	6.551	0.187	8.531	0.388	4.709	0.054
Pizzas	8.712	0.220	9.113	0.352	7.209	0.133	8.370	0.283	5.163	0.048
Juices	7.303	0.183	8.012	0.414	6.120	0.106	7.557	0.328	4.906	0.045
Colours	6.438	0.111	7.057	0.165	5.736	0.076	6.851	0.153	4.525	0.038
Colour Combinations	7.416	0.293	7.435	0.433	5.447	0.234	6.769	0.375	5.026	0.046
Events	5.860	0.122	6.387	0.298	5.181	0.080	6.140	0.286	4.269	0.046
Radio formats	6.609	0.126	7.209	0.227	5.649	0.100	6.874	0.234	4.852	0.042
Musical artists	8.269	0.370	9.926	0.702	6.820	0.173	9.456	0.684	5.115	0.048
Aboriginal art	7.657	0.164	8.190	0.245	6.348	0.127	7.749	0.263	5.018	0.043
Impressionist art	7.749	0.247	8.789	0.441	6.099	0.152	8.161	0.419	5.276	0.040
Sentences	6.943	0.218	8.066	0.411	5.577	0.119	7.492	0.351	4.450	0.075
Travel	7.270	0.215	8.384	0.437	6.133	0.108	7.872	0.340	5.034	0.036
Marijuana	6.088	0.119	6.762	0.185	5.254	0.082	6.520	0.186	4.127	0.038
Latitude	3.886	0.077	4.286	0.120	3.572	0.048	4.250	0.100	3.514	0.031
Dots	7.009	0.237	7.962	0.422	5.943	0.103	7.505	0.332	4.886	0.037
Triangles	6.184	0.103	6.837	0.193	5.543	0.074	6.674	0.171	4.380	0.036
Population	8.683	0.547	10.574	0.858	6.934	0.219	9.997	0.877	5.256	0.043
Surface area	3.575	0.068	4.024	0.156	3.352	0.046	4.043	0.149	3.372	0.029
Beer	4.828	0.067	5.343	0.107	4.472	0.054	5.300	0.103	3.959	0.030
Cars	8.424	0.151	8.311	0.207	7.118	0.130	7.811	0.183	5.024	0.055
Restaurants	5.474	0.075	6.066	0.122	4.996	0.063	5.976	0.130	4.038	0.037
Flight layovers	6.582	0.142	7.072	0.271	5.672	0.100	6.802	0.274	4.351	0.040
Future payments	3.881	0.063	4.354	0.161	3.621	0.042	4.354	0.154	3.244	0.043
Phone plans	7.684	0.215	7.727	0.365	6.131	0.161	7.203	0.360	4.742	0.045
Hotel rooms	4.820	0.080	5.335	0.141	4.369	0.058	5.243	0.134	3.936	0.034
Two-flight itineraries	8.208	0.271	8.998	0.521	6.799	0.159	8.412	0.490	4.943	0.049
Televisions	5.269	0.145	6.238	0.354	4.727	0.088	6.163	0.350	4.188	0.040
Coffee	5.987	0.159	6.879	0.280	5.220	0.105	6.690	0.284	4.839	0.031
Charity	6.063	0.132	6.597	0.222	5.108	0.079	6.180	0.157	4.354	0.033

- Prior results are great, as prior mean of alpha is $2.5~\rm across$ models.
- Model four and single model give a reasonable regression line for al4 versus al for most models, but there are some important outliers.

knitr::kable(result.table[,c('la1', 'lae1', 'lae1', 'lae2', 'la3', 'lae3', 'lae4', 'lae4', 'lae')],

	la1	lae1	la2	lae2	la3	lae3	la4	lae4	la	lae
Prior	0.396	0.001	0.547	0.005	0.519	0.002	0.673	0.006	0.792	0.000
Male stars	0.902	0.003	0.932	0.005	0.920	0.002	0.945	0.005	0.961	0.001
Female stars	0.716	0.014	0.822	0.013	0.797	0.013	0.867	0.011	0.914	0.003
Films	0.878	0.004	0.915	0.003	0.907	0.003	0.932	0.003	0.956	0.001
Star pairs	0.854	0.008	0.913	0.009	0.894	0.004	0.934	0.007	0.958	0.001
Pizzas	0.739	0.008	0.810	0.007	0.791	0.007	0.844	0.006	0.937	0.002
Juices	0.829	0.005	0.880	0.005	0.868	0.004	0.904	0.005	0.941	0.002
Colours	0.825	0.005	0.877	0.005	0.849	0.004	0.898	0.005	0.942	0.002
Colour Combinations	0.825	0.011	0.889	0.008	0.906	0.008	0.919	0.008	0.949	0.002
Events	0.759	0.006	0.820	0.007	0.793	0.005	0.847	0.006	0.898	0.003
Radio formats	0.801	0.006	0.861	0.007	0.840	0.006	0.886	0.007	0.907	0.002
Musical artists	0.875	0.007	0.925	0.008	0.897	0.003	0.937	0.005	0.958	0.001
Aboriginal art	0.811	0.009	0.875	0.012	0.857	0.006	0.902	0.009	0.932	0.002
Impressionist art	0.843	0.006	0.892	0.007	0.888	0.004	0.914	0.005	0.943	0.002
Sentences	0.867	0.004	0.903	0.004	0.903	0.003	0.922	0.004	0.955	0.002
Travel	0.876	0.004	0.912	0.004	0.903	0.003	0.931	0.004	0.950	0.001
Marijuana	0.874	0.004	0.911	0.004	0.902	0.003	0.929	0.004	0.958	0.001
Latitude	0.822	0.004	0.859	0.005	0.845	0.003	0.879	0.004	0.917	0.002
Dots	0.880	0.003	0.913	0.005	0.906	0.003	0.931	0.004	0.963	0.001
Triangles	0.839	0.004	0.889	0.005	0.862	0.004	0.910	0.006	0.938	0.002
Population	0.876	0.006	0.919	0.007	0.898	0.003	0.932	0.005	0.959	0.001
Surface area	0.934	0.002	0.952	0.002	0.946	0.001	0.960	0.001	0.969	0.001
Beer	0.843	0.004	0.882	0.004	0.860	0.003	0.898	0.004	0.922	0.002
Cars	0.660	0.015	0.785	0.024	0.723	0.015	0.837	0.025	0.886	0.004
Restaurants	0.833	0.004	0.876	0.006	0.851	0.004	0.893	0.006	0.930	0.002
Flight layovers	0.767	0.008	0.844	0.010	0.809	0.006	0.870	0.008	0.923	0.002
Future payments	0.923	0.002	0.944	0.002	0.937	0.002	0.955	0.002	0.967	0.001
Phone plans	0.719	0.011	0.813	0.010	0.791	0.009	0.850	0.009	0.921	0.002
Hotel rooms	0.880	0.003	0.913	0.003	0.902	0.003	0.931	0.003	0.946	0.001
Two-flight itineraries	0.793	0.010	0.865	0.011	0.837	0.006	0.894	0.008	0.937	0.002
Televisions	0.918	0.003	0.945	0.005	0.933	0.002	0.957	0.005	0.963	0.001
Coffee	0.902	0.004	0.936	0.005	0.923	0.003	0.949	0.004	0.954	0.001
Charity	0.814	0.005	0.860	0.006	0.854	0.004	0.887	0.005	0.930	0.002

[•] Model four and single model give a plausible regression line for la4 versus la but errors are a lot bigger than estimated standard errors.

knitr::kable(result.table[,c('al0.05', 'al0.05e', 'al0.25', 'al0.25e', 'al0.50e', 'al0.50e', 'al0.75', 'al0.75', 'al0.25e', 'al0.50e', 'al

	al0.05	al0.05e	al0.25	al0.25e	al0.50	al0.50e	al0.75	al0.75e	al0.95	al0.95e
Prior	1.166	0.002	1.961	0.001	2.701	0.002	3.612	0.002	5.259	0.004
Male stars	2.769	0.030	3.824	0.034	4.696	0.037	5.711	0.044	7.461	0.063
Female stars	2.960	0.073	4.265	0.057	5.308	0.057	6.497	0.061	8.500	0.074
Films	2.586	0.043	3.659	0.041	4.551	0.044	5.583	0.048	7.314	0.069
Star pairs	2.374	0.070	3.587	0.057	4.567	0.055	5.681	0.058	7.526	0.067
Pizzas	2.828	0.055	4.043	0.051	5.033	0.048	6.132	0.049	7.961	0.064
Juices	2.726	0.032	3.807	0.040	4.735	0.047	5.824	0.054	7.666	0.075
Colours	2.565	0.031	3.556	0.035	4.388	0.040	5.347	0.044	6.954	0.059
Colour Combinations	2.764	0.037	3.891	0.042	4.851	0.047	5.969	0.055	7.888	0.070
Events	2.255	0.043	3.277	0.050	4.148	0.048	5.123	0.050	6.711	0.063
Radio formats	2.750	0.038	3.826	0.040	4.710	0.043	5.728	0.049	7.420	0.061
Musical artists	2.879	0.036	3.989	0.042	4.945	0.050	6.060	0.058	7.912	0.075
Aboriginal art	2.818	0.044	3.938	0.041	4.870	0.043	5.935	0.049	7.719	0.060
Impressionist art	3.074	0.031	4.190	0.036	5.126	0.040	6.197	0.047	7.990	0.059
Sentences	1.841	0.052	3.120	0.118	4.390	0.086	5.605	0.069	7.413	0.069
Travel	2.974	0.028	4.021	0.032	4.883	0.036	5.885	0.043	7.584	0.056
Marijuana	2.291	0.025	3.200	0.033	3.981	0.039	4.898	0.046	6.446	0.063
Latitude	1.955	0.021	2.733	0.026	3.395	0.031	4.171	0.038	5.479	0.054
Dots	2.833	0.029	3.881	0.033	4.749	0.038	5.746	0.043	7.386	0.060
Triangles	2.478	0.031	3.443	0.034	4.257	0.038	5.176	0.042	6.717	0.053
Population	2.992	0.037	4.148	0.040	5.105	0.043	6.203	0.050	8.032	0.065
Surface area	1.856	0.034	2.630	0.029	3.274	0.029	4.003	0.031	5.231	0.040
Beer	2.273	0.023	3.125	0.027	3.842	0.031	4.661	0.035	6.043	0.046
Cars	2.631	0.055	3.842	0.055	4.859	0.057	6.028	0.063	7.969	0.078
Restaurants	2.242	0.038	3.156	0.036	3.917	0.039	4.794	0.043	6.246	0.055
Flight layovers	2.404	0.035	3.394	0.038	4.214	0.040	5.165	0.045	6.754	0.065
Future payments	1.577	0.043	2.418	0.046	3.125	0.043	3.939	0.047	5.310	0.065
Phone plans	2.571	0.046	3.678	0.040	4.581	0.044	5.640	0.052	7.445	0.071
Hotel rooms	2.188	0.024	3.069	0.031	3.812	0.036	4.663	0.041	6.104	0.051
Two-flight itineraries	2.719	0.041	3.824	0.045	4.763	0.049	5.874	0.056	7.729	0.079
Televisions	2.263	0.052	3.280	0.042	4.076	0.039	4.982	0.040	6.468	0.052
Coffee	2.859	0.023	3.872	0.028	4.714	0.031	5.661	0.036	7.260	0.047
Charity	2.474	0.024	3.420	0.029	4.219	0.034	5.133	0.039	6.690	0.051

knitr::kable(result.table[,c('la0.05', 'la0.05e', 'la0.25', 'la0.25e', 'la0.50e', 'la0.50e', 'la0.75', '

	la0.05	la0.05e	la0.25	la0.25e	la0.50	la0.50e	la0.75	la0.75e	la0.95	la0.95e
Prior	0.438	0.001	0.686	0.000	0.838	0.000	0.938	0.000	0.992	0
Male stars	0.870	0.003	0.948	0.001	0.977	0.001	0.992	0.000	0.999	0
Female stars	0.728	0.007	0.879	0.004	0.944	0.002	0.980	0.001	0.997	0
Films	0.852	0.004	0.941	0.002	0.974	0.001	0.991	0.000	0.999	0
Star pairs	0.848	0.005	0.944	0.002	0.978	0.001	0.993	0.000	0.999	0
Pizzas	0.785	0.006	0.912	0.003	0.963	0.001	0.988	0.001	0.999	0
Juices	0.806	0.006	0.919	0.002	0.964	0.001	0.987	0.000	0.998	0
Colours	0.811	0.005	0.920	0.002	0.964	0.001	0.987	0.000	0.998	0
Colour Combinations	0.821	0.006	0.932	0.002	0.972	0.001	0.991	0.000	0.999	0
Events	0.702	0.007	0.852	0.005	0.927	0.003	0.973	0.002	0.997	0
Radio formats	0.730	0.006	0.868	0.003	0.932	0.002	0.972	0.001	0.996	0
Musical artists	0.851	0.005	0.945	0.002	0.977	0.001	0.992	0.000	0.999	0
Aboriginal art	0.788	0.005	0.907	0.002	0.955	0.001	0.983	0.001	0.998	0
Impressionist art	0.806	0.005	0.921	0.002	0.966	0.001	0.988	0.000	0.999	0
Sentences	0.830	0.005	0.939	0.003	0.979	0.001	0.994	0.000	0.999	0
Travel	0.837	0.004	0.932	0.002	0.969	0.001	0.989	0.000	0.999	0
Marijuana	0.858	0.004	0.944	0.002	0.976	0.001	0.992	0.000	0.999	0
Latitude	0.754	0.006	0.882	0.003	0.941	0.002	0.977	0.001	0.997	0
Dots	0.872	0.003	0.951	0.001	0.979	0.001	0.993	0.000	0.999	0
Triangles	0.796	0.006	0.916	0.003	0.962	0.001	0.986	0.001	0.998	0
Population	0.858	0.003	0.944	0.001	0.976	0.001	0.992	0.000	0.999	0
Surface area	0.893	0.002	0.958	0.001	0.982	0.001	0.994	0.000	0.999	0
Beer	0.775	0.005	0.889	0.003	0.943	0.002	0.977	0.001	0.997	0
Cars	0.654	0.009	0.834	0.006	0.921	0.003	0.972	0.002	0.997	0
Restaurants	0.791	0.005	0.902	0.003	0.951	0.002	0.980	0.001	0.997	0
Flight layovers	0.759	0.008	0.892	0.003	0.949	0.002	0.981	0.001	0.998	0
Future payments	0.887	0.004	0.957	0.001	0.980	0.001	0.992	0.000	0.999	0
Phone plans	0.753	0.007	0.889	0.003	0.947	0.002	0.980	0.001	0.997	0
Hotel rooms	0.830	0.004	0.925	0.002	0.965	0.001	0.987	0.000	0.998	0
Two-flight itineraries	0.784	0.008	0.914	0.003	0.963	0.002	0.987	0.001	0.998	0
Televisions	0.872	0.003	0.950	0.001	0.979	0.001	0.993	0.000	0.999	0
Coffee	0.848	0.003	0.937	0.001	0.972	0.001	0.990	0.000	0.999	0
Charity	0.788	0.005	0.902	0.003	0.952	0.001	0.981	0.001	0.998	0

knitr::kable(result.table[,c('wstb1', 'wstbe1', 'wstb2', 'wstb2', 'wstb3', 'wstbe3', 'wstb4', 'wstbe4'

	wstb1	wstbe1	wstb2	wstbe2	wstb3	wstbe3	wstb4	wstbe4	wstb	wstbe
Prior	NA	0.006	NA	0.022	NA	0.006	NA	0.031	0.000	0.001
Male stars	1.203	0.008	0.957	0.023	0.993	0.008	0.784	0.032	0.572	0.002
Female stars	0.608	0.039	0.347	0.081	0.407	0.048	0.191	0.099	0.105	0.011
Films	-0.106	0.050	-0.349	0.085	-0.290	0.043	-0.513	0.089	-0.646	0.025
Star pairs	0.677	0.056	0.449	0.135	0.516	0.042	0.318	0.131	0.185	0.013
Pizzas	0.325	0.039	0.142	0.066	0.148	0.043	-0.005	0.068	-0.272	0.019
Juices	0.951	0.023	0.699	0.056	0.725	0.020	0.504	0.059	0.283	0.011
Colours	1.030	0.015	0.776	0.036	0.813	0.015	0.597	0.046	0.372	0.011
Colour Combinations	-0.124	0.076	-0.333	0.106	-0.236	0.083	-0.482	0.112	-0.904	0.028
Events	0.948	0.018	0.714	0.040	0.724	0.018	0.534	0.046	0.266	0.016
Radio formats	1.240	0.006	0.987	0.022	1.026	0.007	0.811	0.031	0.594	0.001
Musical artists	0.938	0.029	0.766	0.063	0.688	0.022	0.558	0.070	0.275	0.011
Aboriginal art	1.028	0.023	0.776	0.053	0.837	0.016	0.620	0.052	0.427	0.005
Impressionist art	1.088	0.014	0.868	0.031	0.883	0.013	0.699	0.037	0.462	0.006
Sentences	0.988	0.023	0.724	0.056	0.777	0.018	0.545	0.057	0.336	0.010
Travel	1.228	0.007	0.978	0.022	1.013	0.007	0.803	0.031	0.577	0.003
Marijuana	1.197	0.007	0.943	0.023	0.983	0.008	0.770	0.032	0.555	0.003
Latitude	1.226	0.006	0.972	0.022	1.011	0.007	0.796	0.031	0.593	0.001
Dots	0.945	0.021	0.687	0.048	0.725	0.018	0.497	0.049	0.331	0.010
Triangles	0.816	0.020	0.596	0.037	0.609	0.020	0.440	0.049	0.123	0.012
Population	0.682	0.059	0.586	0.114	0.456	0.031	0.415	0.117	0.004	0.014
Surface area	1.156	0.012	0.905	0.025	0.942	0.012	0.730	0.034	0.510	0.007
Beer	0.606	0.023	0.426	0.037	0.422	0.021	0.290	0.044	0.089	0.013
Cars	0.748	0.024	0.542	0.050	0.542	0.030	0.361	0.069	0.114	0.013
Restaurants	0.888	0.019	0.673	0.035	0.681	0.018	0.511	0.044	0.310	0.012
Flight layovers	1.246	0.006	0.992	0.022	1.031	0.006	0.815	0.031	0.599	0.001
Future payments	1.222	0.006	0.973	0.022	1.012	0.006	0.798	0.031	0.588	0.001
Phone plans	-0.295	0.071	-0.426	0.147	-0.436	0.086	-0.516	0.163	-0.813	0.025
Hotel rooms	1.253	0.006	0.996	0.022	1.038	0.006	0.819	0.031	0.603	0.001
Two-flight itineraries	0.121	0.049	-0.115	0.081	-0.074	0.046	-0.331	0.094	-0.426	0.020
Televisions	1.250	0.006	0.994	0.022	1.036	0.006	0.817	0.031	0.601	0.001
Coffee	1.120	0.011	0.888	0.025	0.900	0.012	0.710	0.034	0.460	0.007
Charity	0.976	0.015	0.749	0.030	0.758	0.016	0.577	0.037	0.347	0.012

knitr::kable(result.table[,c('mstb1', 'mstbe1', 'mstb2', 'mstb2', 'mstb3', 'mstbe3', 'mstb4', 'mstbe4'

	mstb1	mstbe1	mstb2	mstbe2	mstb3	mstbe3	mstb4	mstbe4	mstb	mstbe
Prior	NA	0.029	NA	0.069	NA	0.029	NA	0.085	0.000	0.004
Male stars	3.299	0.035	2.928	0.077	3.005	0.033	2.700	0.091	2.388	0.009
Female stars	1.309	0.101	0.953	0.209	1.096	0.147	0.849	0.267	0.667	0.028
Films	-0.045	0.133	-0.471	0.243	-0.232	0.124	-0.641	0.252	-0.907	0.068
Star pairs	0.910	0.171	0.510	0.364	0.661	0.188	0.439	0.475	-0.127	0.050
Pizzas	-0.862	0.208	-1.127	0.412	-0.969	0.212	-1.147	0.425	-1.589	0.082
Juices	1.697	0.061	1.242	0.117	1.413	0.064	1.025	0.135	0.833	0.035
Colours	2.936	0.040	2.594	0.085	2.613	0.039	2.363	0.101	1.833	0.023
Colour Combinations	-0.675	0.353	-1.081	0.483	-1.179	0.215	-1.525	0.396	-1.714	0.075
Events	2.690	0.051	2.338	0.121	2.330	0.047	2.076	0.127	1.592	0.032
Radio formats	3.058	0.039	2.693	0.082	2.784	0.039	2.488	0.096	2.169	0.013
Musical artists	2.117	0.115	1.942	0.275	1.734	0.074	1.691	0.275	1.169	0.028
Aboriginal art	2.495	0.072	2.199	0.142	2.232	0.060	2.031	0.145	1.593	0.020
Impressionist art	2.500	0.080	2.175	0.207	2.211	0.054	1.928	0.181	1.660	0.022
Sentences	2.669	0.057	2.358	0.130	2.323	0.047	2.077	0.129	1.657	0.025
Travel	3.273	0.040	2.929	0.085	2.933	0.037	2.665	0.098	2.290	0.012
Marijuana	1.538	0.077	1.157	0.140	1.211	0.078	0.946	0.160	0.346	0.048
Latitude	2.563	0.042	2.189	0.083	2.219	0.043	1.955	0.101	1.646	0.024
Dots	2.346	0.080	2.029	0.146	1.931	0.059	1.712	0.143	1.248	0.033
Triangles	2.034	0.058	1.630	0.114	1.753	0.058	1.432	0.130	1.008	0.030
Population	1.157	0.075	0.441	0.122	1.031	0.075	0.213	0.153	0.198	0.044
Surface area	2.866	0.047	2.434	0.088	2.536	0.049	2.177	0.104	1.711	0.035
Beer	1.853	0.065	1.574	0.116	1.554	0.063	1.382	0.136	0.969	0.034
Cars	1.412	0.090	0.993	0.199	1.162	0.108	0.784	0.270	0.406	0.042
Restaurants	2.062	0.051	1.705	0.093	1.764	0.052	1.496	0.108	1.241	0.031
Flight layovers	1.795	0.073	1.260	0.157	1.512	0.071	0.994	0.172	0.855	0.037
Future payments	2.387	0.048	1.956	0.092	2.097	0.050	1.723	0.109	1.827	0.019
Phone plans	-0.693	0.230	-0.910	0.337	-0.744	0.275	-0.935	0.371	-1.273	0.066
Hotel rooms	3.083	0.037	2.744	0.077	2.785	0.038	2.525	0.092	2.111	0.017
Two-flight itineraries	0.040	0.168	-0.524	0.335	-0.187	0.139	-0.803	0.320	-0.826	0.049
Televisions	3.592	0.029	3.185	0.070	3.272	0.029	2.937	0.085	2.585	0.005
Coffee	3.233	0.037	2.866	0.079	2.898	0.037	2.612	0.093	2.177	0.017
Charity	0.593	0.103	0.262	0.176	0.265	0.110	0.027	0.197	-0.343	0.062

knitr::kable(result.table[,c('sstb1', 'sstbe1', 'sstb2', 'sstb2', 'sstb3', 'sstbe3', 'sstb4', 'sstbe4'

	sstb1	sstbe1	sstb2	sstbe2	sstb3	sstbe3	sstb4	sstbe4	sstb	sstbe
Prior	NA	0.321	NA	0.541	NA	0.481	NA	0.703	0.000	0.055
Male stars	5.171	0.349	4.431	0.578	4.631	0.497	3.919	0.736	4.254	0.082
Female stars	2.079	0.697	1.389	0.859	1.037	0.691	0.391	0.928	1.341	0.134
Films	-2.770	1.054	-4.453	1.145	-3.901	1.113	-5.541	1.230	-3.447	1.003
Star pairs	0.586	0.889	-0.219	1.092	-0.036	0.916	-0.759	1.185	-1.367	0.396
Pizzas	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA
Juices	1.062	0.427	-0.092	0.655	0.753	0.553	-0.586	0.790	0.857	0.202
Colours	2.961	0.383	2.315	0.625	2.547	0.524	1.873	0.780	1.357	0.188
Colour Combinations	-4.999	0.799	-9.865	0.917	-8.543	0.895	-13.514	1.051	-2.348	0.579
Events	2.099	0.404	1.365	0.665	1.577	0.535	0.862	0.804	0.424	0.235
Radio formats	4.449	0.414	4.406	0.677	4.110	0.594	4.222	0.863	3.381	0.102
Musical artists	2.302	0.437	1.218	0.722	1.715	0.536	0.695	0.839	1.488	0.136
Aboriginal art	3.889	0.403	3.508	0.682	3.382	0.548	3.165	0.852	2.967	0.094
Impressionist art	3.886	0.396	3.328	0.649	3.655	0.530	2.983	0.763	2.622	0.131
Sentences	1.960	0.423	0.798	0.646	1.632	0.557	0.391	0.803	0.948	0.256
Travel	5.366	0.395	5.161	0.744	4.811	0.523	4.857	0.902	4.299	0.086
Marijuana	-0.627	0.603	-1.722	0.845	-1.013	0.757	-2.225	1.017	-2.061	0.501
Latitude	-1.622	0.946	-2.416	1.100	-2.306	1.056	-3.034	1.207	-3.447	1.003
Dots	2.545	0.369	1.545	0.597	1.878	0.505	0.892	0.740	1.876	0.139
Triangles	1.617	0.410	0.688	0.625	1.302	0.573	0.178	0.783	0.923	0.160
Population	2.328	0.633	1.644	0.983	2.018	0.666	1.455	1.066	0.337	0.185
Surface area	6.104	0.341	5.633	0.563	5.587	0.498	5.197	0.724	4.563	0.111
Beer	2.536	0.381	1.932	0.632	1.901	0.518	1.387	0.791	1.795	0.143
Cars	1.489	0.584	0.719	0.901	0.905	0.710	0.123	1.071	0.080	0.240
Restaurants	1.760	0.423	1.045	0.635	1.277	0.546	0.533	0.781	0.871	0.187
Flight layovers	1.897	0.454	1.155	0.686	1.589	0.600	0.794	0.845	0.897	0.160
Future payments	2.207	0.391	1.316	0.599	1.486	0.542	0.611	0.755	1.138	0.134
Phone plans	-6.359	1.058	-10.504	1.152	-8.845	1.117	-13.597	1.237	-1.049	0.324
Hotel rooms	4.233	0.409	4.044	0.654	3.748	0.533	3.715	0.797	2.845	0.132
Two-flight itineraries	-0.361	0.632	-1.651	0.921	-0.595	0.808	-2.051	1.094	-1.144	0.336
Televisions	4.382	0.387	3.703	0.617	3.693	0.528	3.102	0.769	3.597	0.118
Coffee	4.751	0.392	4.411	0.670	4.164	0.516	3.990	0.809	3.110	0.098
Charity	-3.461	1.054	-5.411	1.142	-4.720	1.113	-6.723	1.228	-2.754	0.709

knitr::kable(result.table[,c('tib1', 'tibe1', 'tib2', 'tibe2', 'tib3', 'tibe3', 'tib4', 'tibe4', 'tib',

	tib1	tibe1	tib2	tibe2	tib3	tibe3	tib4	tibe4	tib	tibe
Prior	NA	0.005	NA	0.018	NA	0.006	NA	0.021	0.000	0.001
Male stars	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.535	0.001
Female stars	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.535	0.001
Films	0.984	0.006	0.773	0.018	0.919	0.007	0.571	0.021	0.514	0.002
Star pairs	1.012	0.005	0.791	0.018	0.947	0.006	0.587	0.021	0.534	0.001
Pizzas	1.011	0.005	0.790	0.018	0.946	0.006	0.586	0.021	0.534	0.001
Juices	1.012	0.005	0.790	0.018	0.947	0.006	0.587	0.021	0.534	0.001
Colours	1.012	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.534	0.001
Colour Combinations	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.535	0.001
Events	1.002	0.005	0.784	0.018	0.937	0.006	0.581	0.021	0.527	0.001
Radio formats	1.012	0.005	0.790	0.018	0.947	0.006	0.586	0.021	0.534	0.001
Musical artists	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.535	0.001
Aboriginal art	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.535	0.001
Impressionist art	1.012	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.534	0.001
Sentences	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.534	0.001
Travel	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.535	0.001
Marijuana	0.979	0.006	0.768	0.018	0.912	0.007	0.565	0.022	0.516	0.001
Latitude	0.936	0.006	0.724	0.018	0.875	0.007	0.526	0.022	0.496	0.002
Dots	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.535	0.001
Triangles	1.012	0.005	0.790	0.018	0.947	0.006	0.587	0.021	0.533	0.001
Population	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.535	0.001
Surface area	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.534	0.001
Beer	0.964	0.006	0.754	0.018	0.903	0.007	0.554	0.022	0.498	0.003
Cars	1.012	0.005	0.791	0.018	0.947	0.006	0.587	0.021	0.534	0.001
Restaurants	1.002	0.005	0.784	0.018	0.937	0.006	0.581	0.021	0.526	0.001
Flight layovers	1.010	0.005	0.789	0.018	0.946	0.006	0.586	0.021	0.533	0.001
Future payments	1.011	0.005	0.790	0.018	0.947	0.006	0.586	0.021	0.535	0.001
Phone plans	1.005	0.005	0.785	0.018	0.943	0.006	0.583	0.021	0.532	0.001
Hotel rooms	1.010	0.005	0.789	0.018	0.945	0.006	0.585	0.021	0.532	0.001
Two-flight itineraries	1.012	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.534	0.001
Televisions	1.012	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.534	0.001
Coffee	1.013	0.005	0.791	0.018	0.948	0.006	0.587	0.021	0.535	0.001
Charity	0.963	0.006	0.753	0.018	0.897	0.007	0.551	0.022	0.508	0.002

knitr::kable(result.table[,c('regb1', 'regbe1', 'regb2', 'regbe2', 'regb3', 'regbe3', 'regbe4'

	regb1	regbe1	regb2	regbe2	regb3	regbe3	regb4	regbe4	regb	regbe
Prior	NA	NA	NA	NA	NA	NA	NA	NA	0.000	0.009
Male stars	Inf	NA	Inf	NA	Inf	NA	Inf	NA	2.045	0.020
Female stars	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.333	0.046
Films	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.867	0.023
Star pairs	Inf	NA	Inf	NA	Inf	NA	Inf	NA	2.073	0.032
Pizzas	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.768	0.034
Juices	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.658	0.028
Colours	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.604	0.027
Colour Combinations	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.955	0.027
Events	Inf	NA	Inf	NA	Inf	NA	Inf	NA	0.766	0.056
Radio formats	Inf	NA	Inf	NA	Inf	NA	Inf	NA	0.799	0.039
Musical artists	Inf	NA	Inf	NA	Inf	NA	Inf	NA	2.124	0.024
Aboriginal art	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.358	0.031
Impressionist art	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.777	0.027
Sentences	Inf	NA	Inf	NA	Inf	NA	Inf	NA	2.177	0.044
Travel	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.766	0.027
Marijuana	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.878	0.027
Latitude	Inf	NA	Inf	NA	Inf	NA	Inf	NA	0.878	0.041
Dots	Inf	NA	Inf	NA	Inf	NA	Inf	NA	2.118	0.020
Triangles	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.455	0.032
Population	Inf	NA	Inf	NA	Inf	NA	Inf	NA	2.100	0.022
Surface area	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.959	0.025
Beer	Inf	NA	Inf	NA	Inf	NA	Inf	NA	0.822	0.044
Cars	NA	NA	NA	NA	NA	NA	NA	NA	0.975	0.049
Restaurants	Inf	NA	Inf	NA	Inf	NA	Inf	NA	0.998	0.049
Flight layovers	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.194	0.038
Future payments	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.725	0.033
Phone plans	NA	NA	NA	NA	NA	NA	NA	NA	1.180	0.038
Hotel rooms	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.398	0.026
Two-flight itineraries	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.702	0.035
Televisions	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.967	0.023
Coffee	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.826	0.020
Charity	Inf	NA	Inf	NA	Inf	NA	Inf	NA	1.152	0.033

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	rub1	rube1	rub2	rube2	rub3	rube3	rub4	rube4	rub	rube
Prior	NA	0.116	NA	0.160	NA	0.206	NA	0.271	0.000	0.012
Male stars	3.159	0.435	4.293	0.542	8.310	0.384	9.543	0.558	1.806	0.026
Female stars	3.125	0.993	4.969	0.988	8.517	0.987	10.526	0.990	1.012	0.060
Films	2.952	0.546	4.311	0.627	8.367	0.515	9.747	0.638	1.635	0.031
Star pairs	2.525	0.513	3.339	0.584	8.121	0.524	8.808	0.618	1.889	0.040
Pizzas	0.098	1.009	1.317	1.020	6.783	1.014	7.327	1.037	1.475	0.043
Juices	1.951	0.852	3.245	0.935	7.161	0.752	8.624	0.946	1.422	0.035
Colours	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA	1.416	0.034
Colour Combinations	-6.553	0.521	-11.490	0.595	-9.560	0.679	-14.714	0.756	1.703	0.035
Events	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA	0.666	0.064
Radio formats	1.121	1.004	2.515	1.007	6.656	1.007	8.088	1.017	0.573	0.048
Musical artists	3.491	0.574	4.716	0.700	9.122	0.645	10.453	0.763	1.860	0.030
Aboriginal art	1.238	0.851	2.390	0.920	6.893	0.848	7.969	0.957	1.100	0.040
Impressionist art	2.069	0.465	2.815	0.531	7.859	0.496	8.381	0.563	1.535	0.034
Sentences	3.375	0.442	4.376	0.525	8.950	0.502	9.863	0.552	2.083	0.054
Travel	3.192	0.430	4.234	0.487	8.914	0.541	9.804	0.540	1.547	0.035
Marijuana	3.049	0.757	4.756	0.870	8.243	0.612	10.159	0.869	1.727	0.033
Latitude	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA	0.792	0.047
Dots	3.147	0.611	4.533	0.695	8.413	0.627	10.042	0.739	1.928	0.026
Triangles	3.352	0.824	5.223	0.865	8.390	0.721	10.621	0.842	1.317	0.040
Population	1.214	0.531	1.459	0.667	7.079	0.545	7.094	0.689	1.827	0.030
Surface area	4.095	0.278	5.383	0.321	9.253	0.331	10.687	0.395	1.946	0.031
Beer	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA	0.761	0.049
Cars	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA	0.790	0.059
Restaurants	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA	0.939	0.054
Flight layovers	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA	1.033	0.046
Future payments	3.747	0.315	5.119	0.387	8.926	0.352	10.460	0.460	1.608	0.042
Phone plans	-6.086	0.663	-9.769	0.875	-8.874	0.849	-12.797	0.992	1.018	0.045
Hotel rooms	3.060	0.440	4.565	0.518	8.390	0.453	10.021	0.570	1.299	0.032
Two-flight itineraries	-Inf	NA	-Inf	NA	-Inf	NA	-Inf	NA	1.453	0.042
Televisions	4.320	0.389	5.742	0.500	9.513	0.411	11.144	0.564	1.855	0.031
Coffee	3.302	0.353	4.349	0.418	8.587	0.379	9.713	0.480	1.635	0.026
Charity	1.627	0.804	3.130	0.839	7.152	0.762	8.709	0.851	0.976	0.040

knitr::kable(result.table[,c('mulb1', 'mulbe1', 'mulb2', 'mulbe2', 'mulb3', 'mulbe3', 'mulb4', 'mulbe4'

	mulb1	mulbe1	mulb2	mulbe2	mulb3	mulbe3	mulb4	mulbe4	mulb	mulbe
Prior	NA	NA	NA	NA	NA	NA	NA	NA	0.000	0.315
Male stars	Inf	NA	Inf	NA	Inf	NA	Inf	NA	6.402	0.330
Female stars	NA	NA	NA	NA	NA	NA	NA	NA	3.091	0.404
Films	Inf	NA	Inf	NA	Inf	NA	Inf	NA	6.773	0.324
Star pairs	Inf	NA	Inf	NA	Inf	NA	Inf	NA	4.454	0.385
Pizzas	Inf	NA	Inf	NA	Inf	NA	Inf	NA	4.007	0.380
Juices	Inf	NA	Inf	NA	Inf	NA	Inf	NA	5.714	0.336
Colours	Inf	NA	Inf	NA	Inf	NA	Inf	NA	5.017	0.340
Colour Combinations	NA	NA	NA	NA	NA	NA	NA	NA	5.434	0.340
Events	NA	NA	NA	NA	NA	NA	NA	NA	2.398	0.473
Radio formats	Inf	NA	Inf	NA	Inf	NA	Inf	NA	4.812	0.340
Musical artists	Inf	NA	Inf	NA	Inf	NA	Inf	NA	5.881	0.332
Aboriginal art	NA	NA	NA	NA	NA	NA	NA	NA	2.639	0.468
Impressionist art	Inf	NA	Inf	NA	Inf	NA	Inf	NA	5.193	0.364
Sentences	Inf	NA	Inf	NA	Inf	NA	Inf	NA	5.869	0.331
Travel	Inf	NA	Inf	NA	Inf	NA	Inf	NA	6.770	0.324
Marijuana	Inf	NA	Inf	NA	Inf	NA	Inf	NA	2.398	0.469
Latitude	NA	NA	NA	NA	NA	NA	NA	NA	-Inf	NA
Dots	Inf	NA	Inf	NA	Inf	NA	Inf	NA	5.043	0.377
Triangles	NA	NA	NA	NA	NA	NA	NA	NA	0.693	0.774
Population	Inf	NA	Inf	NA	Inf	NA	Inf	NA	6.098	0.331
Surface area	Inf	NA	Inf	NA	Inf	NA	Inf	NA	4.605	0.355
Beer	NA	NA	NA	NA	NA	NA	NA	NA	3.466	0.456
Cars	NA	NA	NA	NA	NA	NA	NA	NA	4.331	0.352
Restaurants	Inf	NA	Inf	NA	Inf	NA	Inf	NA	2.773	0.514
Flight layovers	NA	NA	NA	NA	NA	NA	NA	NA	-Inf	NA
Future payments	NA	NA	NA	NA	NA	NA	NA	NA	-Inf	NA
Phone plans	NA	NA	NA	NA	NA	NA	NA	NA	0.693	0.774
Hotel rooms	Inf	NA	Inf	NA	Inf	NA	Inf	NA	3.434	0.517
Two-flight itineraries	Inf	NA	Inf	NA	Inf	NA	Inf	NA	3.664	0.395
Televisions	Inf	NA	Inf	NA	Inf	NA	Inf	NA	5.193	0.366
Coffee	Inf	NA	Inf	NA	Inf	NA	Inf	NA	6.323	0.329
Charity	Inf	NA	Inf	NA	Inf	NA	Inf	NA	2.398	0.503

knitr::kable(result.table[,c('wstP1', 'wstPe1', 'wstP2', 'wstPe2', 'wstP3', 'wstPe3', 'wstP4', 'wstPe4'

	wstP1	wstPe1	wstP2	wstPe2	wstP3	wstPe3	wstP4	wstPe4	wstP	wstPe
Prior	0.286	0.002	0.369	0.008	0.354	0.002	0.441	0.014	0.547	0.001
Male stars	0.951	0.005	0.962	0.007	0.956	0.004	0.966	0.007	0.969	0.002
Female stars	0.525	0.020	0.522	0.041	0.532	0.025	0.534	0.050	0.608	0.007
Films	0.257	0.013	0.261	0.021	0.265	0.011	0.264	0.022	0.287	0.007
Star pairs	0.562	0.031	0.578	0.077	0.593	0.024	0.606	0.077	0.658	0.009
Pizzas	0.395	0.015	0.425	0.027	0.411	0.018	0.439	0.027	0.417	0.008
Juices	0.739	0.017	0.743	0.038	0.731	0.014	0.730	0.036	0.726	0.008
Colours	0.801	0.011	0.802	0.023	0.798	0.011	0.801	0.027	0.793	0.009
Colour Combinations	0.252	0.019	0.265	0.028	0.280	0.023	0.272	0.029	0.221	0.006
Events	0.737	0.012	0.754	0.025	0.731	0.012	0.752	0.026	0.714	0.011
Radio formats	0.987	0.001	0.991	0.002	0.988	0.001	0.992	0.002	0.991	0.001
Musical artists	0.730	0.021	0.795	0.047	0.705	0.015	0.771	0.048	0.720	0.008
Aboriginal art	0.799	0.018	0.802	0.039	0.818	0.012	0.820	0.034	0.838	0.004
Impressionist art	0.848	0.011	0.879	0.020	0.856	0.010	0.887	0.018	0.868	0.005
Sentences	0.767	0.017	0.762	0.039	0.771	0.013	0.760	0.037	0.766	0.008
Travel	0.975	0.003	0.982	0.004	0.975	0.003	0.984	0.003	0.974	0.002
Marijuana	0.946	0.004	0.948	0.009	0.947	0.004	0.952	0.009	0.952	0.002
Latitude	0.974	0.002	0.976	0.002	0.973	0.002	0.977	0.002	0.990	0.001
Dots	0.736	0.015	0.734	0.031	0.731	0.012	0.725	0.028	0.762	0.008
Triangles	0.646	0.012	0.670	0.020	0.651	0.013	0.685	0.026	0.619	0.007
Population	0.565	0.033	0.663	0.074	0.559	0.017	0.668	0.075	0.549	0.007
Surface area	0.908	0.009	0.913	0.012	0.908	0.009	0.915	0.013	0.911	0.006
Beer	0.524	0.011	0.565	0.017	0.540	0.011	0.589	0.018	0.598	0.008
Cars	0.604	0.014	0.635	0.029	0.609	0.018	0.632	0.039	0.613	0.008
Restaurants	0.694	0.012	0.724	0.020	0.700	0.012	0.735	0.023	0.746	0.009
Flight layovers	0.993	0.001	0.995	0.001	0.993	0.001	0.996	0.001	0.996	0.000
Future payments	0.970	0.001	0.976	0.002	0.975	0.001	0.980	0.002	0.984	0.001
Phone plans	0.213	0.015	0.241	0.035	0.229	0.020	0.263	0.042	0.243	0.006
Hotel rooms	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Two-flight itineraries	0.323	0.016	0.329	0.026	0.329	0.015	0.317	0.028	0.357	0.007
Televisions	0.997	0.000	0.998	0.001	0.998	0.000	0.998	0.001	0.998	0.000
Coffee	0.876	0.008	0.898	0.012	0.871	0.009	0.897	0.013	0.866	0.006
Charity	0.758	0.011	0.781	0.016	0.756	0.011	0.786	0.016	0.774	0.009

knitr::kable(result.table[,c('mstP1', 'mstPe1', 'mstP2', 'mstPe2', 'mstP3', 'mstPe3', 'mstP4', 'mstPe4'

	mstP1	mstPe1	mstP2	mstPe2	mstP3	mstPe3	mstP4	mstPe4	mstP	mstPe
Prior	0.026	0.001	0.040	0.003	0.036	0.001	0.051	0.004	0.072	0.000
Male stars	0.698	0.014	0.739	0.025	0.719	0.012	0.758	0.025	0.779	0.006
Female stars	0.095	0.009	0.102	0.020	0.107	0.015	0.119	0.030	0.139	0.004
Films	0.025	0.003	0.025	0.006	0.028	0.003	0.027	0.006	0.029	0.002
Star pairs	0.064	0.011	0.066	0.024	0.069	0.013	0.079	0.037	0.063	0.003
Pizzas	0.011	0.002	0.013	0.005	0.014	0.003	0.016	0.007	0.015	0.001
Juices	0.141	0.008	0.137	0.013	0.146	0.008	0.142	0.015	0.164	0.006
Colours	0.485	0.014	0.529	0.026	0.485	0.013	0.541	0.030	0.447	0.010
Colour Combinations	0.013	0.005	0.013	0.006	0.011	0.002	0.011	0.004	0.013	0.001
Events	0.380	0.016	0.410	0.040	0.366	0.014	0.406	0.038	0.352	0.011
Radio formats	0.549	0.014	0.584	0.026	0.576	0.015	0.613	0.027	0.625	0.008
Musical artists	0.214	0.024	0.276	0.073	0.202	0.014	0.276	0.072	0.230	0.006
Aboriginal art	0.312	0.021	0.356	0.044	0.332	0.018	0.388	0.046	0.352	0.007
Impressionist art	0.314	0.023	0.348	0.068	0.325	0.015	0.350	0.056	0.376	0.008
Sentences	0.372	0.018	0.418	0.046	0.363	0.013	0.407	0.040	0.375	0.009
Travel	0.680	0.019	0.739	0.037	0.668	0.016	0.732	0.035	0.706	0.008
Marijuana	0.120	0.009	0.126	0.015	0.120	0.009	0.131	0.018	0.101	0.005
Latitude	0.334	0.010	0.353	0.016	0.327	0.010	0.360	0.020	0.371	0.009
Dots	0.269	0.020	0.301	0.039	0.246	0.013	0.282	0.032	0.249	0.008
Triangles	0.197	0.010	0.202	0.018	0.205	0.010	0.213	0.021	0.196	0.006
Population	0.082	0.006	0.061	0.006	0.100	0.007	0.063	0.008	0.087	0.004
Surface area	0.453	0.017	0.451	0.025	0.449	0.018	0.449	0.027	0.396	0.014
Beer	0.164	0.010	0.191	0.018	0.168	0.009	0.203	0.022	0.189	0.006
Cars	0.106	0.009	0.107	0.020	0.114	0.012	0.112	0.029	0.107	0.004
Restaurants	0.203	0.009	0.217	0.013	0.208	0.009	0.227	0.015	0.247	0.008
Flight layovers	0.155	0.010	0.139	0.020	0.161	0.010	0.138	0.021	0.168	0.006
Future payments	0.280	0.011	0.280	0.017	0.290	0.012	0.285	0.019	0.445	0.008
Phone plans	0.013	0.003	0.016	0.005	0.017	0.005	0.020	0.007	0.020	0.001
Hotel rooms	0.563	0.013	0.615	0.020	0.577	0.014	0.637	0.023	0.590	0.010
Two-flight itineraries	0.027	0.004	0.023	0.008	0.030	0.004	0.023	0.007	0.031	0.002
Televisions	0.935	0.005	0.955	0.007	0.938	0.004	0.961	0.007	0.949	0.003
Coffee	0.654	0.015	0.694	0.026	0.645	0.015	0.694	0.026	0.631	0.010
Charity	0.047	0.005	0.051	0.008	0.046	0.005	0.052	0.009	0.051	0.003

knitr::kable(result.table[,c('sstP1', 'sstPe1', 'sstP2', 'sstPe2', 'sstP3', 'sstPe3', 'sstP4', 'sstPe4'

	sstP1	sstPe1	sstP2	sstPe2	sstP3	sstPe3	sstP4	sstPe4	sstP	sstPe
Prior	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Male stars	0.021	0.003	0.018	0.004	0.022	0.003	0.018	0.004	0.028	0.002
Female stars	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.002	0.000
Films	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Star pairs	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pizzas	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Juices	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
Colours	0.002	0.000	0.002	0.001	0.003	0.001	0.002	0.001	0.002	0.000
Colour Combinations	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Events	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Radio formats	0.010	0.003	0.017	0.007	0.013	0.005	0.024	0.012	0.012	0.001
Musical artists	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.002	0.000
Aboriginal art	0.006	0.001	0.007	0.003	0.006	0.002	0.008	0.004	0.008	0.001
Impressionist art	0.006	0.001	0.006	0.002	0.008	0.002	0.007	0.002	0.005	0.001
Sentences	0.001	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Travel	0.026	0.006	0.037	0.019	0.027	0.005	0.045	0.025	0.029	0.002
Marijuana	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Latitude	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dots	0.002	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.003	0.000
Triangles	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000
Population	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000
Surface area	0.054	0.006	0.059	0.009	0.058	0.007	0.063	0.011	0.038	0.004
Beer	0.002	0.000	0.001	0.000	0.001	0.000	0.001	0.001	0.002	0.000
Cars	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
Restaurants	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Flight layovers	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Future payments	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Phone plans	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Hotel rooms	0.008	0.002	0.012	0.004	0.009	0.002	0.014	0.005	0.007	0.001
Two-flight itineraries	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Televisions	0.010	0.002	0.009	0.003	0.009	0.002	0.008	0.002	0.014	0.001
Coffee	0.014	0.003	0.017	0.007	0.014	0.003	0.019	0.008	0.009	0.001
Charity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

knitr::kable(result.table[,c('tiP1', 'tiPe1', 'tiP2', 'tiPe2', 'tiP3', 'tiPe3', 'tiP4', 'tiPe4', 'tiP',

	tiP1	tiPe1	tiP2	tiPe2	tiP3	tiPe3	tiP4	tiPe4	tiP	tiPe
Prior	0.363	0.002	0.453	0.008	0.387	0.002	0.556	0.012	0.586	0.001
Male stars	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Female stars	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Films	0.972	0.002	0.982	0.003	0.971	0.002	0.984	0.002	0.980	0.001
Star pairs	0.999	0.000	1.000	0.000	0.999	0.000	1.000	0.000	1.000	0.000
Pizzas	0.999	0.000	0.999	0.000	0.998	0.000	0.999	0.000	0.999	0.000
Juices	0.999	0.000	0.999	0.000	0.999	0.000	0.999	0.000	0.999	0.000
Colours	0.999	0.000	1.000	0.000	0.999	0.000	1.000	0.000	0.999	0.000
Colour Combinations	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Events	0.989	0.001	0.993	0.001	0.989	0.001	0.994	0.001	0.993	0.000
Radio formats	0.999	0.000	0.999	0.001	0.999	0.000	0.999	0.001	1.000	0.000
Musical artists	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Aboriginal art	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Impressionist art	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Sentences	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Travel	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Marijuana	0.967	0.003	0.977	0.004	0.965	0.003	0.978	0.004	0.981	0.001
Latitude	0.926	0.003	0.935	0.005	0.929	0.003	0.941	0.004	0.962	0.001
Dots	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Triangles	0.999	0.000	0.999	0.000	0.999	0.000	0.999	0.000	0.998	0.000
Population	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Surface area	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Beer	0.953	0.003	0.964	0.003	0.956	0.002	0.968	0.003	0.964	0.002
Cars	0.999	0.000	1.000	0.000	0.999	0.000	1.000	0.000	0.999	0.000
Restaurants	0.990	0.001	0.993	0.001	0.989	0.001	0.994	0.001	0.991	0.001
Flight layovers	0.997	0.000	0.999	0.000	0.998	0.000	0.999	0.000	0.999	0.000
Future payments	0.999	0.000	0.999	0.000	0.999	0.000	0.999	0.000	1.000	0.000
Phone plans	0.992	0.002	0.994	0.002	0.994	0.001	0.996	0.002	0.998	0.000
Hotel rooms	0.997	0.000	0.998	0.000	0.997	0.000	0.998	0.000	0.997	0.000
Two-flight itineraries	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Televisions	0.999	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Coffee	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000
Charity	0.951	0.003	0.962	0.005	0.951	0.003	0.965	0.005	0.973	0.001

knitr::kable(result.table[,c('regP1', 'regPe1', 'regP2', 'regPe2', 'regP3', 'regPe3', 'regP4', 'regPe4'

	regP1	regPe1	regP2	regPe2	regP3	regPe3	regP4	regPe4	regP	regPe
Prior	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.000
Male stars	0.020	0.009	0.062	0.038	0.031	0.011	0.099	0.059	0.131	0.002
Female stars	0.004	0.003	0.012	0.009	0.013	0.007	0.026	0.017	0.064	0.003
Films	0.010	0.003	0.022	0.009	0.022	0.004	0.037	0.014	0.110	0.002
Star pairs	0.012	0.007	0.033	0.025	0.019	0.005	0.040	0.026	0.135	0.004
Pizzas	0.001	0.001	0.002	0.001	0.006	0.003	0.006	0.003	0.099	0.003
Juices	0.003	0.001	0.006	0.002	0.009	0.002	0.011	0.004	0.089	0.002
Colours	0.003	0.001	0.007	0.003	0.006	0.002	0.013	0.006	0.084	0.002
Colour Combinations	0.009	0.004	0.018	0.011	0.019	0.007	0.028	0.015	0.120	0.003
Events	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.037	0.002
Radio formats	0.003	0.002	0.007	0.006	0.008	0.006	0.015	0.013	0.038	0.001
Musical artists	0.012	0.005	0.026	0.015	0.026	0.007	0.046	0.021	0.142	0.003
Aboriginal art	0.002	0.001	0.003	0.001	0.005	0.002	0.005	0.002	0.066	0.002
Impressionist art	0.006	0.001	0.009	0.003	0.021	0.004	0.019	0.006	0.100	0.003
Sentences	0.007	0.001	0.011	0.003	0.022	0.005	0.023	0.006	0.150	0.007
Travel	0.008	0.002	0.012	0.003	0.022	0.004	0.024	0.006	0.099	0.003
Marijuana	0.006	0.001	0.014	0.005	0.017	0.004	0.027	0.010	0.111	0.003
Latitude	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041	0.002
Dots	0.011	0.002	0.022	0.006	0.026	0.005	0.041	0.011	0.141	0.002
Triangles	0.004	0.002	0.012	0.007	0.009	0.004	0.026	0.014	0.073	0.002
Population	0.005	0.001	0.005	0.002	0.015	0.003	0.010	0.004	0.139	0.003
Surface area	0.013	0.002	0.026	0.005	0.026	0.004	0.041	0.007	0.120	0.003
Beer	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.039	0.002
Cars	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.045	0.002
Restaurants	0.001	0.000	0.001	0.001	0.001	0.001	0.002	0.001	0.046	0.002
Flight layovers	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.056	0.002
Future payments	0.011	0.002	0.022	0.004	0.023	0.003	0.035	0.007	0.095	0.003
Phone plans	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.055	0.002
Hotel rooms	0.006	0.002	0.018	0.007	0.017	0.005	0.037	0.015	0.069	0.002
Two-flight itineraries	0.006	0.004	0.015	0.012	0.012	0.007	0.030	0.023	0.093	0.003
Televisions	0.017	0.003	0.035	0.009	0.037	0.006	0.062	0.016	0.121	0.003
Coffee	0.010	0.002	0.017	0.004	0.022	0.003	0.027	0.006	0.105	0.002
Charity	0.002	0.001	0.006	0.003	0.007	0.003	0.013	0.007	0.054	0.002

knitr::kable(result.table[,c('ruP1', 'ruPe1', 'ruP2', 'ruPe2', 'ruP3', 'ruPe3', 'ruP4', 'ruPe4', 'ruP',

	ruP1	ruPe1	ruP2	ruPe2	ruP3	ruPe3	ruP4	ruPe4	ruP	ruPe
Prior	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000
Male stars	0.001	0.001	0.002	0.001	0.003	0.001	0.004	0.002	0.053	0.001
Female stars	0.001	0.001	0.005	0.005	0.004	0.004	0.011	0.010	0.024	0.001
Films	0.001	0.001	0.002	0.001	0.004	0.002	0.005	0.003	0.045	0.001
Star pairs	0.001	0.000	0.001	0.001	0.003	0.001	0.002	0.001	0.058	0.002
Pizzas	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.038	0.002
Juices	0.000	0.000	0.001	0.001	0.001	0.001	0.002	0.001	0.036	0.001
Colours	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.001
Colour Combinations	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.048	0.002
Events	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	0.001
Radio formats	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.015	0.001
Musical artists	0.002	0.001	0.004	0.002	0.008	0.005	0.010	0.007	0.056	0.002
Aboriginal art	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.026	0.001
Impressionist art	0.000	0.000	0.001	0.000	0.002	0.001	0.001	0.001	0.040	0.001
Sentences	0.002	0.001	0.003	0.001	0.006	0.003	0.006	0.003	0.070	0.004
Travel	0.001	0.001	0.002	0.001	0.006	0.003	0.005	0.002	0.041	0.001
Marijuana	0.001	0.001	0.004	0.003	0.003	0.002	0.008	0.006	0.049	0.002
Latitude	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.001
Dots	0.001	0.001	0.003	0.002	0.004	0.002	0.007	0.005	0.060	0.001
Triangles	0.002	0.001	0.006	0.005	0.004	0.002	0.012	0.010	0.032	0.001
Population	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.054	0.001
Surface area	0.003	0.001	0.007	0.002	0.009	0.002	0.013	0.004	0.061	0.002
Beer	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.001
Cars	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.001
Restaurants	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.001
Flight layovers	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.001
Future payments	0.002	0.001	0.005	0.002	0.006	0.002	0.010	0.004	0.043	0.002
Phone plans	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.001
Hotel rooms	0.001	0.000	0.003	0.002	0.004	0.001	0.007	0.003	0.032	0.001
Two-flight itineraries	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.002
Televisions	0.004	0.002	0.010	0.005	0.011	0.004	0.020	0.010	0.056	0.002
Coffee	0.001	0.000	0.003	0.001	0.004	0.001	0.005	0.002	0.045	0.001
Charity	0.000	0.000	0.001	0.001	0.001	0.001	0.002	0.001	0.023	0.001

knitr::kable(result.table[,c('mulP1', 'mulPe1', 'mulP2', 'mulPe2', 'mulP3', 'mulPe3', 'mulP4', 'mulPe4'

	mulP1	mulPe1	mulP2	$\mathrm{mulPe2}$	mulP3	$\operatorname{mulPe3}$	mulP4	mulPe4	mulP	mulPe
Prior	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Male stars	0.004	0.001	0.007	0.003	0.005	0.002	0.008	0.004	0.008	0.001
Female stars	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Films	0.004	0.002	0.007	0.004	0.006	0.002	0.010	0.006	0.011	0.001
Star pairs	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000
Pizzas	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
Juices	0.001	0.000	0.001	0.000	0.001	0.001	0.001	0.001	0.004	0.000
Colours	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000
Colour Combinations	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000
Events	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Radio formats	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000
Musical artists	0.003	0.001	0.003	0.002	0.004	0.001	0.003	0.002	0.004	0.000
Aboriginal art	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Impressionist art	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.002	0.000
Sentences	0.001	0.000	0.001	0.001	0.002	0.000	0.002	0.001	0.004	0.000
Travel	0.002	0.001	0.002	0.001	0.003	0.001	0.003	0.001	0.011	0.001
Marijuana	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Latitude	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dots	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000
Triangles	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Population	0.001	0.000	0.001	0.000	0.002	0.000	0.001	0.000	0.006	0.001
Surface area	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Beer	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cars	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
Restaurants	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flight layovers	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Future payments	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Phone plans	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Hotel rooms	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Two-flight itineraries	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Televisions	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.000
Coffee	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.007	0.001
Charity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000