Supplementary Tables

S1: Posterior Model Odds for the smoking cessation example, using the design-by-treatment model and assuming $\pi_{cons} = 0.5$ and $\mathbf{R} = \mathbf{I_p}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	55858	0.56	1.00
m2	AD_ACD	7612	0.08	7.34
m3	AC_ACD	5305	0.05	10.53
m4	BD	4971	0.05	11.24
m5	BC	4539	0.05	12.31
m6	BD_BCD	4084	0.04	13.68
m7	CD_BCD	3889	0.04	14.36
m8	CD	3843	0.04	14.53
m9	BC, AD_ACD	619	0.01	90.24
m10	BD, AD_ACD	589	0.01	94.84
m11	AC_ACD, AD_ACD	581	0.01	96.14
m12	AD_ACD, BD_BCD	545	0.01	102.49
m13	CD, AD_ACD	531	0.01	105.19
m14	AD_ACD, CD_BCD	513	0.01	108.88
m15	BD, AC_ACD	456	0.00	122.50
m16	BC, AC_ACD	413	0.00	135.25
m17	AC_ACD, BD_BCD	410	0.00	136.24
m18	BC, BD_BCD	380	0.00	146.99
m19	BC, BD	374	0.00	149.35
m20	BD, BD_BCD	351	0.00	159.14
m21	CD, AC_ACD	349	0.00	160.05
m22	AC_ACD, CD_BCD	340	0.00	164.29
m23	BC, CD_BCD	333	0.00	167.74
m24	BD, CD	321	0.00	174.01
m25	BD, CD_BCD	308	0.00	181.36
m26	CD_BCD, BD_BCD	307	0.00	181.95
m27	BC, CD	299	0.00	186.82
m28	CD, BD_BCD	281	0.00	198.78
m29	CD, CD_BCD	273	0.00	204.61
m30	BC, BD, AD_ACD	57	0.00	979.96
m31	BC, CD, AD_ACD	55	0.00	1015.60
m32	BD, AD_ACD, BD_BCD	51	0.00	1095.25

m33	AC_ACD, AD_ACD, BD_BCD	47	0.00	1188.47
m34	BC, AC_ACD, AD_ACD	47	0.00	1188.47
m35	BD, CD, AD_ACD	47	0.00	1188.47
m36	CD, AC_ACD, AD_ACD	45	0.00	1241.29
m37	AC_ACD, AD_ACD, CD_BCD	44	0.00	1269.50
m38	BD, AC_ACD, AD_ACD	44	0.00	1269.50
m39	BD, AD_ACD, CD_BCD	42	0.00	1329.95
m40	BC, AD_ACD, CD_BCD	41	0.00	1362.39
m41	BC, AC_ACD, CD_BCD	40	0.00	1396.45
m42	BD, CD, AC_ACD	40	0.00	1396.45
m43	BC, AD_ACD, BD_BCD	39	0.00	1432.26
m44	CD, AC_ACD, CD_BCD	39	0.00	1432.26
m45	BC, AC_ACD, BD_BCD	37	0.00	1509.68
m46	BD, AC_ACD, BD_BCD	37	0.00	1509.68
m47	CD, AD_ACD, BD_BCD	34	0.00	1642.88
m48	BC, CD, AC_ACD	33	0.00	1692.67
m49	CD, AD_ACD, CD_BCD	33	0.00	1692.67
m50	BC, BD, CD	32	0.00	1745.56
m51	AD_ACD, CD_BCD, BD_BCD	31	0.00	1801.87
m52	BC, BD, AC_ACD	31	0.00	1801.87
m53	BD, AC_ACD, CD_BCD	30	0.00	1861.93
m54	BC, BD, BD_BCD	29	0.00	1926.14
m55	BC, BD, CD_BCD	28	0.00	1994.93
m56	BC, CD, BD_BCD	23	0.00	2428.61
m57	BD, CD, BD_BCD	23	0.00	2428.61
m58	CD, CD_BCD, BD_BCD	23	0.00	2428.61
m59	CD, AC_ACD, BD_BCD	22	0.00	2539.00
m60	AC_ACD, CD_BCD, BD_BCD	21	0.00	2659.90
m61	BC, CD_BCD, BD_BCD	20	0.00	2792.90
m62	BD, CD_BCD, BD_BCD	18	0.00	3103.22
m63	BD, CD, CD_BCD	17	0.00	3285.76
m64	BC, CD, CD_BCD	13	0.00	4296.77
m65	BC, BD, AD_ACD, BD_BCD	6	0.00	9309.67
m66	BD, AD_ACD, CD_BCD, BD_BCD	6	0.00	9309.67
m67	BC, AC_ACD, AD_ACD, CD_BCD	5	0.00	11171.60
m68	BC, AD_ACD, CD_BCD, BD_BCD	5	0.00	11171.60

m69	BC, BD, AC_ACD, AD_ACD	5	0.00	11171.60
m70	BC, BD, AD_ACD, CD_BCD	5	0.00	11171.60
m71	BC, BD, CD, AD_ACD	5	0.00	11171.60
m72	BD, AC_ACD, AD_ACD, BD_BCD	5	0.00	11171.60
m73	BD, CD, AC_ACD, AD_ACD	5	0.00	11171.60
m74	BC, AC_ACD, AD_ACD, BD_BCD	4	0.00	13964.50
m75	BC, CD, AC_ACD, AD_ACD	4	0.00	13964.50
m76	BD, AC_ACD, AD_ACD, CD_BCD	4	0.00	13964.50
m77	CD, AC_ACD, AD_ACD, CD_BCD	4	0.00	13964.50
m78	CD, AD_ACD, CD_BCD, BD_BCD	4	0.00	13964.50
m79	AC_ACD, AD_ACD, CD_BCD, BD_BCD	3	0.00	18619.33
m80	BC, AC_ACD, CD_BCD, BD_BCD	3	0.00	18619.33
m81	BC, BD, AC_ACD, BD_BCD	3	0.00	18619.33
m82	BC, BD, CD, CD_BCD	3	0.00	18619.33
m83	BC, CD, AD_ACD, BD_BCD	3	0.00	18619.33
m84	BC, CD, AD_ACD, CD_BCD	3	0.00	18619.33
m85	BC, CD, CD_BCD, BD_BCD	3	0.00	18619.33
m86	BD, CD, AC_ACD, CD_BCD	3	0.00	18619.33
m87	BD, CD, CD_BCD, BD_BCD	3	0.00	18619.33
m88	BC, BD, CD, AC_ACD	2	0.00	27929.00
m89	BC, CD, AC_ACD, BD_BCD	2	0.00	27929.00
m90	BD, CD, AD_ACD, BD_BCD	2	0.00	27929.00
m91	CD, AC_ACD, AD_ACD, BD_BCD	2	0.00	27929.00
m92	CD, AC_ACD, CD_BCD, BD_BCD	2	0.00	27929.00
m93	BC, AC_ACD, AD_ACD, CD_BCD, BD_BCD	1	0.00	55858.00
m94	BC, BD, AC_ACD, AD_ACD, BD_BCD	1	0.00	55858.00
m95	BC, BD, AC_ACD, CD_BCD	1	0.00	55858.00
m96	BC, BD, CD_BCD, BD_BCD	1	0.00	55858.00
m97	BC, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	55858.00
m98	BC, CD, AC_ACD, CD_BCD	1	0.00	55858.00
m99	BD, AC_ACD, CD_BCD, BD_BCD	1	0.00	55858.00
m100	BD, CD, AD_ACD, CD_BCD	1	0.00	55858.00
m101	CD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	1	0.00	55858.00

S2: Posterior Model Odds for the smoking cessation example, using the design-by-treatment model and assuming $\pi_{cons} = 0.5$ and $\mathbf{R} = \mathbf{g}(\mathbf{Z}'\mathbf{Z})^{-1}\sigma^2$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	56156	0.56	1.00
m2	AD_ACD	5727	0.06	9.81
m3	AC_ACD	4706	0.05	11.93
m4	BD	4638	0.05	12.11
m5	BC	4562	0.05	12.31
m6	CD	4561	0.05	12.31
m7	CD_BCD	4439	0.04	12.65
m8	BD_BCD	4383	0.04	12.81
m9	BC, AD_ACD	544	0.01	103.23
m10	CD, AD_ACD	499	0.00	112.54
m11	BD, AD_ACD	486	0.00	115.55
m12	AC_ACD, AD_ACD	482	0.00	116.51
m13	AD_ACD, BD_BCD	476	0.00	117.97
m14	BD, AC_ACD	467	0.00	120.25
m15	AD_ACD, CD_BCD	460	0.00	122.08
m16	CD, AC_ACD	448	0.00	125.35
m17	BC, BD	433	0.00	129.69
m18	AC_ACD, BD_BCD	423	0.00	132.76
m19	BC, AC_ACD	419	0.00	134.02
m20	BC, CD	418	0.00	134.34
m21	CD_BCD, BD_BCD	413	0.00	135.97
m22	BD, CD	412	0.00	136.30
m23	BC, BD_BCD	409	0.00	137.30
m24	BD, CD_BCD	409	0.00	137.30
m25	AC_ACD, CD_BCD	406	0.00	138.32
m26	BC, CD_BCD	404	0.00	139.00
m27	BD, BD_BCD	400	0.00	140.39
m28	CD, CD_BCD	394	0.00	142.53

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

m29	CD, BD_BCD	390	0.00	143.99
m30	BD, AD_ACD, BD_BCD	60	0.00	935.93
m31	AC_ACD, AD_ACD, CD_BCD	50	0.00	1123.12
m32	BC, AD_ACD, CD_BCD	50	0.00	1123.12
m33	BC, BD, AD_ACD	50	0.00	1123.12
m34	BD, CD, CD_BCD	50	0.00	1123.12
m35	BC, BD, AC_ACD	48	0.00	1169.92
m36	BD, AD_ACD, CD_BCD	48	0.00	1169.92
m37	BC, BD, BD_BCD	47	0.00	1194.81
m38	AD_ACD, CD_BCD, BD_BCD	46	0.00	1220.78
m39	CD, AC_ACD, CD_BCD	46	0.00	1220.78
m40	AC_ACD, CD_BCD, BD_BCD	45	0.00	1247.91
m41	BC, AC_ACD, AD_ACD	45	0.00	1247.91
m42	BC, AC_ACD, CD_BCD	45	0.00	1247.91
m43	BC, AD_ACD, BD_BCD	45	0.00	1247.91
m44	BD, CD, AD_ACD	45	0.00	1247.91
m45	BD, AC_ACD, AD_ACD	44	0.00	1276.27
m46	BC, CD_BCD, BD_BCD	43	0.00	1305.95
m47	BC, BD, CD	42	0.00	1337.05
m48	BC, CD, CD_BCD	41	0.00	1369.66
m49	BD, CD_BCD, BD_BCD	41	0.00	1369.66
m50	BC, AC_ACD, BD_BCD	40	0.00	1403.90
m51	BC, CD, AC_ACD	40	0.00	1403.90
m52	BD, CD, BD_BCD	40	0.00	1403.90
m53	CD, AC_ACD, AD_ACD	40	0.00	1403.90
m54	CD, AD_ACD, BD_BCD	40	0.00	1403.90
m55	AC_ACD, AD_ACD, BD_BCD	38	0.00	1477.79
m56	BC, CD, AD_ACD	37	0.00	1517.73
m57	BD, AC_ACD, BD_BCD	37	0.00	1517.73
m58	BD, AC_ACD, CD_BCD	37	0.00	1517.73
m59	CD, AC_ACD, BD_BCD	37	0.00	1517.73
m60	CD, AD_ACD, CD_BCD	36	0.00	1559.89
m61	BC, BD, CD_BCD	35	0.00	1604.46
m62	CD, CD_BCD, BD_BCD	35	0.00	1604.46
m63	BD, CD, AC_ACD	33	0.00	1701.70
m64	BC, CD, BD_BCD	26	0.00	2159.85

m65	BC, AD_ACD, CD_BCD, BD_BCD	9	0.00	6239.56
m66	BC, CD, AC_ACD, BD_BCD	7	0.00	8022.29
m67	BC, CD, AD_ACD, BD_BCD	7	0.00	8022.29
m68	BC, BD, AC_ACD, BD_BCD	6	0.00	9359.33
m69	BC, BD, AD_ACD, BD_BCD	6	0.00	9359.33
m70	BC, BD, CD, CD_BCD	6	0.00	9359.33
m71	BC, CD, CD_BCD, BD_BCD	6	0.00	9359.33
m72	BD, AC_ACD, AD_ACD, BD_BCD	6	0.00	9359.33
m73	BD, AC_ACD, AD_ACD, CD_BCD	6	0.00	9359.33
m74	BC, AC_ACD, AD_ACD, BD_BCD	5	0.00	11231.20
m75	BC, BD, CD, AD_ACD	5	0.00	11231.20
m76	BC, CD, AC_ACD, CD_BCD	5	0.00	11231.20
m77	BD, AC_ACD, CD_BCD, BD_BCD	5	0.00	11231.20
m78	BD, CD, AC_ACD, BD_BCD	5	0.00	11231.20
m79	BD, CD, AC_ACD, CD_BCD	5	0.00	11231.20
m80	BC, AC_ACD, AD_ACD, CD_BCD	4	0.00	14039.00
m81	BC, AC_ACD, CD_BCD, BD_BCD	4	0.00	14039.00
m82	BC, CD, AD_ACD, CD_BCD	4	0.00	14039.00
m83	BD, AD_ACD, CD_BCD, BD_BCD	4	0.00	14039.00
m84	BD, CD, CD_BCD, BD_BCD	4	0.00	14039.00
m85	CD, AC_ACD, CD_BCD, BD_BCD	4	0.00	14039.00
m86	CD, AD_ACD, CD_BCD, BD_BCD	4	0.00	14039.00
m87	AC_ACD, AD_ACD, CD_BCD, BD_BCD	3	0.00	18718.67
m88	BC, BD, AC_ACD, AD_ACD	3	0.00	18718.67
m89	BC, BD, AC_ACD, CD_BCD	3	0.00	18718.67
m90	BC, BD, CD, AC_ACD	3	0.00	18718.67
m91	BC, BD, CD_BCD, BD_BCD	3	0.00	18718.67
m92	BC, CD, AC_ACD, AD_ACD	3	0.00	18718.67
m93	BD, CD, AC_ACD, AD_ACD	3	0.00	18718.67
m94	BD, CD, AD_ACD, BD_BCD	3	0.00	18718.67
m95	BC, AC_ACD, AD_ACD, CD_BCD, BD_BCD	2	0.00	28078.00
m96	BC, BD, AC_ACD, AD_ACD, BD_BCD	1	0.00	56156.00
m97	BC, BD, AC_ACD, AD_ACD, CD_BCD	1	0.00	56156.00
m98	BC, BD, AD_ACD, CD_BCD	1	0.00	56156.00
m99	BC, BD, CD, AC_ACD, AD_ACD	1	0.00	56156.00
m100	BC, BD, CD, AD_ACD, CD_BCD	1	0.00	56156.00

m101	BC, BD, CD, BD_BCD	1	0.00	56156.00
m102	BC, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	56156.00
m103	BC, CD, AC_ACD, CD_BCD, BD_BCD	1	0.00	56156.00
m104	BD, CD, AD_ACD, CD_BCD	1	0.00	56156.00
m105	CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	56156.00
m106	CD, AC_ACD, AD_ACD, CD_BCD	1	0.00	56156.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S3: Posterior Model Odds for the smoking cessation example, using the design-by-treatment model and assuming $\pi_{cons} \sim Beta(157, 44)$ and $\mathbf{R} = \mathbf{I_p}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	81266	0.81	1.00
m2	AD_ACD	3651	0.04	22.26
m3	AC_ACD	2650	0.03	30.67
m4	BD	2540	0.03	31.99
m5	BC	2322	0.02	35.00
m6	BD_BCD	2088	0.02	38.92
m7	CD_BCD	1999	0.02	40.65
m8	CD	1813	0.02	44.82
m9	BD, AD_ACD	136	0.00	597.54
m10	AD_ACD, CD_BCD	125	0.00	650.13
m11	AC_ACD, AD_ACD	115	0.00	706.66
m12	AD_ACD, BD_BCD	101	0.00	804.61
m13	BC, AD_ACD	101	0.00	804.61
m14	BC, AC_ACD	88	0.00	923.48
m15	CD, AD_ACD	86	0.00	944.95
m16	BD, AC_ACD	76	0.00	1069.29
m17	AC_ACD, CD_BCD	74	0.00	1098.19
m18	BC, BD	71	0.00	1144.59
m19	BD, CD	67	0.00	1212.93
m20	BC, CD_BCD	65	0.00	1250.25
m21	BD, CD_BCD	64	0.00	1269.78
m22	AC_ACD, BD_BCD	57	0.00	1425.72
m23	BC, CD	56	0.00	1451.18
m24	BD, BD_BCD	56	0.00	1451.18
m25	BC, BD_BCD	52	0.00	1562.81
m26	CD, AC_ACD	52	0.00	1562.81
m27	CD_BCD, BD_BCD	51	0.00	1593.45
m28	CD, BD_BCD	47	0.00	1729.06
m29	CD, CD_BCD	46	0.00	1766.65
m30	BC, BD, AD_ACD	7	0.00	11609.43
m31	CD, AC_ACD, AD_ACD	7	0.00	11609.43
m32	BC, AC_ACD, AD_ACD	5	0.00	16253.20

m33	BD, AD_ACD, CD_BCD	5	0.00	16253.20
m34	BC, BD, BD_BCD	4	0.00	20316.50
m35	BC, CD, AD_ACD	4	0.00	20316.50
m36	CD, AD_ACD, BD_BCD	4	0.00	20316.50
m37	BC, AD_ACD, CD_BCD	3	0.00	27088.67
m38	BC, BD, CD_BCD	3	0.00	27088.67
m39	BD, AC_ACD, AD_ACD	3	0.00	27088.67
m40	BD, AC_ACD, CD_BCD	3	0.00	27088.67
m41	BD, AD_ACD, BD_BCD	3	0.00	27088.67
m42	BD, CD, CD_BCD	3	0.00	27088.67
m43	CD, AD_ACD, CD_BCD	3	0.00	27088.67
m44	BC, AC_ACD, BD_BCD	2	0.00	40633.00
m45	BC, AD_ACD, BD_BCD	2	0.00	40633.00
m46	BC, CD, BD_BCD	2	0.00	40633.00
m47	BD, CD, AC_ACD	2	0.00	40633.00
m48	BD, CD, AD_ACD	2	0.00	40633.00
m49	BD, CD_BCD, BD_BCD	2	0.00	40633.00
m50	CD, AC_ACD, BD_BCD	2	0.00	40633.00
m51	CD, CD_BCD, BD_BCD	2	0.00	40633.00
m52	AC_ACD, AD_ACD, CD_BCD	1	0.00	81266.00
m53	AC_ACD, CD_BCD, BD_BCD	1	0.00	81266.00
m54	AD_ACD, CD_BCD, BD_BCD	1	0.00	81266.00
m55	BC, AC_ACD, CD_BCD	1	0.00	81266.00
m56	BC, AC_ACD, CD_BCD, BD_BCD	1	0.00	81266.00
m57	BC, BD, AC_ACD	1	0.00	81266.00
m58	BC, CD, AC_ACD	1	0.00	81266.00
m59	BC, CD, CD_BCD	1	0.00	81266.00
m60	BC, CD_BCD, BD_BCD	1	0.00	81266.00
m61	BD, CD, AC_ACD, AD_ACD	1	0.00	81266.00
m62	CD, AC_ACD, CD_BCD	1	0.00	81266.00
m63	CD, AC_ACD, CD_BCD, BD_BCD	1	0.00	81266.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S4: Posterior Model Odds for the smoking cessation example, using the design-by-treatment model and assuming $\pi_{cons} \sim Beta(157, 44)$ and $\mathbf{R} = \mathbf{g}(\mathbf{Z}'\mathbf{Z})^{-1}\sigma^2$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	81665	0.82	1.00
m2	AD_ACD	2906	0.03	28.10
m3	AC_ACD	2542	0.03	32.13
m4	BD	2356	0.02	34.66
m5	CD	2279	0.02	35.83
m6	BC	2213	0.02	36.90
m7	CD_BCD	2182	0.02	37.43
m8	BD_BCD	2164	0.02	37.74
m9	BD, CD_BCD	95	0.00	859.63
m10	BC, BD	91	0.00	897.42
m11	AC_ACD, CD_BCD	88	0.00	928.01
m12	BD, AC_ACD	87	0.00	938.68
m13	BD, AD_ACD	86	0.00	949.59
m14	AD_ACD, BD_BCD	85	0.00	960.76
m15	BC, AC_ACD	84	0.00	972.20
m16	CD, AD_ACD	78	0.00	1046.99
m17	AD_ACD, CD_BCD	77	0.00	1060.58
m18	AC_ACD, BD_BCD	76	0.00	1074.54
m19	BC, AD_ACD	76	0.00	1074.54
m20	BC, CD_BCD	74	0.00	1103.58
m21	BC, CD	73	0.00	1118.70
m22	BC, BD_BCD	71	0.00	1150.21
m23	AC_ACD, AD_ACD	70	0.00	1166.64
m24	BD, BD_BCD	70	0.00	1166.64
m25	CD, BD_BCD	70	0.00	1166.64
m26	CD, AC_ACD	67	0.00	1218.88
m27	CD, CD_BCD	67	0.00	1218.88
m28	BD, CD	65	0.00	1256.38
m29	CD_BCD, BD_BCD	56	0.00	1458.30
m30	BD, AD_ACD, BD_BCD	5	0.00	16333.00
m31	BD, CD, AC_ACD	5	0.00	16333.00
m32	AC_ACD, AD_ACD, BD_BCD	4	0.00	20416.25

m33	AC_ACD, CD_BCD, BD_BCD	4	0.00	20416.25
m34	BC, AC_ACD, CD_BCD	4	0.00	20416.25
m35	BC, CD, AD_ACD	4	0.00	20416.25
m36	BD, AD_ACD, CD_BCD	4	0.00	20416.25
m37	BD, CD, BD_BCD	4	0.00	20416.25
m38	CD, AC_ACD, AD_ACD	4	0.00	20416.25
m39	AD_ACD, CD_BCD, BD_BCD	3	0.00	27221.67
m40	BC, AD_ACD, CD_BCD	3	0.00	27221.67
m41	BC, BD, AC_ACD	3	0.00	27221.67
m42	BC, BD, CD_BCD	3	0.00	27221.67
m43	BC, CD_BCD, BD_BCD	3	0.00	27221.67
m44	BD, AC_ACD, BD_BCD	3	0.00	27221.67
m45	BD, AC_ACD, CD_BCD	3	0.00	27221.67
m46	BD, CD, AD_ACD	3	0.00	27221.67
m47	CD, CD_BCD, BD_BCD	3	0.00	27221.67
m48	BC, AC_ACD, AD_ACD	2	0.00	40832.50
m49	BC, BD, BD_BCD	2	0.00	40832.50
m50	BC, CD, CD_BCD	2	0.00	40832.50
m51	BD, AC_ACD, AD_ACD	2	0.00	40832.50
m52	BD, CD_BCD, BD_BCD	2	0.00	40832.50
m53	CD, AD_ACD, BD_BCD	2	0.00	40832.50
m54	AC_ACD, AD_ACD, CD_BCD	1	0.00	81665.00
m55	BC, AD_ACD, BD_BCD	1	0.00	81665.00
m56	BC, BD, AD_ACD	1	0.00	81665.00
m57	BC, CD, AC_ACD	1	0.00	81665.00
m58	BC, CD, BD_BCD	1	0.00	81665.00
m59	BC, CD, CD_BCD, BD_BCD	1	0.00	81665.00
m60	BD, CD, CD_BCD	1	0.00	81665.00
m61	CD, AC_ACD, BD_BCD	1	0.00	81665.00
m62	CD, AC_ACD, CD_BCD	1	0.00	81665.00
m63	CD, AD_ACD, CD_BCD	1	0.00	81665.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S5: Posterior Model Odds for the smoking cessation example, using the Lu & Ades model and assuming $\pi_{cons} = 0.5$ and $\mathbf{R} = \mathbf{I_p}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	56127	0.56	1.00
m2	CD	14950	0.15	3.75
m3	BD	10462	0.10	5.36
m4	BC	10405	0.10	5.39
m5	BD, CD	3077	0.03	18.24
m6	BC, CD	2520	0.03	22.27
m7	BC, BD	1921	0.02	29.22
m8	BC, BD, CD	538	0.01	104.33

S6: Posterior Model Odds for the smoking cessation example, using the Lu & Ades model and assuming $\pi_{cons} = 0.5$ and $\mathbf{R} = \mathbf{g}(\mathbf{Z}'\mathbf{Z})^{-\mathbf{1}}\sigma^{\mathbf{2}}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	57538	0.58	1.00
m2	CD	12903	0.13	4.46
m3	BC	10623	0.11	5.42
m4	BD	10513	0.11	5.47
m5	BD, CD	2894	0.03	19.88
m6	BC, CD	2627	0.03	21.90
m7	BC, BD	2264	0.02	25.41
m8	BC, BD, CD	638	0.01	90.18

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

S7: Posterior Model Odds for the smoking cessation example, using the Lu & Ades model and assuming $\pi_{cons} \sim Beta(157, 44)$ and $\mathbf{R} = \mathbf{I_p}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	81695	0.82	1.00
m2	CD	7173	0.07	11.39
m3	BC	5027	0.05	16.25
m4	BD	4927	0.05	16.58
m5	BD, CD	438	0.00	186.52
m6	BC, CD	388	0.00	210.55
m7	BC, BD	329	0.00	248.31
m8	BC, BD, CD	23	0.00	3551.96

S8: Posterior Model Odds for the smoking cessation example, using the Lu & Ades model and assuming $\pi_{cons} \sim Beta(157, 44)$ and $\mathbf{R} = \mathbf{g}(\mathbf{Z}'\mathbf{Z})^{-\mathbf{1}}\sigma^{\mathbf{2}}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	82639	0.83	1.00
m2	CD	6051	0.06	13.66
m3	BC	5031	0.05	16.43
m4	BD	4981	0.05	16.59
m5	BC, CD	443	0.00	186.54
m6	BD, CD	425	0.00	194.44
m7	BC, BD	392	0.00	210.81
m8	BC, BD, CD	38	0.00	2174.71

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

S9: Posterior Model Odds for the smoking cessation example, using the Jackson's model and assuming $\pi_{cons} = 0.5$ and $\mathbf{R} = \mathbf{I_p}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	56725	0.57	1.00
m2	AD_ACD	5028	0.05	11.28
m3	AD	4909	0.05	11.56
m4	AC_ACD	3691	0.04	15.37
m5	BD	3468	0.03	16.36
m6	BC	3083	0.03	18.40
m7	BD_BCD	2771	0.03	20.47
m8	CD_BCD	2686	0.03	21.12
m9	CD	2679	0.03	21.17
m10	AB	2571	0.03	22.06
m11	AC	2192	0.02	25.88
m12	AD, AD_ACD	406	0.00	139.72
m13	BD, AD_ACD	313	0.00	181.23
m14	AD, AC_ACD	307	0.00	184.77
m15	AD, BC	302	0.00	187.83
m16	AD, BD	300	0.00	189.08
m17	BC, AD_ACD	277	0.00	204.78
m18	AC_ACD, AD_ACD	273	0.00	207.78
m19	AD_ACD, CD_BCD	260	0.00	218.17
m20	AD_ACD, BD_BCD	257	0.00	220.72
m21	CD, AD_ACD	256	0.00	221.58
m22	AB, AD_ACD	249	0.00	227.81
m23	AD, CD_BCD	239	0.00	237.34
m24	AD, CD	238	0.00	238.34
m25	AD, BD_BCD	235	0.00	241.38
m26	AB, AD	222	0.00	255.52
m27	BD, AC_ACD	213	0.00	266.31
m28	AC, AD_ACD	210	0.00	270.12
m29	AC_ACD, BD_BCD	208	0.00	272.72
m30	BC, AC_ACD	205	0.00	276.71
m31	AB, AC_ACD	196	0.00	289.41
m32	BC, BD	183	0.00	309.97

m33	CD, AC_ACD	181	0.00	313.40
m34	BD, BD_BCD	175	0.00	324.14
m35	AC, AD	170	0.00	333.68
m36	BD, CD	166	0.00	341.72
m37	BC, CD_BCD	165	0.00	343.79
m38	BD, CD_BCD	165	0.00	343.79
m39	AC_ACD, CD_BCD	162	0.00	350.15
m40	BC, BD_BCD	162	0.00	350.15
m41	AB, BD	159	0.00	356.76
m42	AC, AC_ACD	152	0.00	373.19
m43	BC, CD	151	0.00	375.66
m44	CD_BCD, BD_BCD	148	0.00	383.28
m45	AB, BD_BCD	140	0.00	405.18
m46	AC, BD	140	0.00	405.18
m47	AB, BC	139	0.00	408.09
m48	AB, CD_BCD	132	0.00	429.73
m49	AC, AB	128	0.00	443.16
m50	AC, BC	122	0.00	464.96
m51	CD, BD_BCD	120	0.00	472.71
m52	CD, CD_BCD	114	0.00	497.59
m53	AB, CD	112	0.00	506.47
m54	AC, BD_BCD	110	0.00	515.68
m55	AC, CD_BCD	103	0.00	550.73
m56	AC, CD	96	0.00	590.89
m57	AD, BC, BD	26	0.00	2181.73
m58	AD, AC_ACD, BD_BCD	23	0.00	2466.30
m59	AD, AD_ACD, BD_BCD	22	0.00	2578.41
m60	AD, BC, AD_ACD	22	0.00	2578.41
m61	AD, BD, AD_ACD	21	0.00	2701.19
m62	BC, BD, AD_ACD	21	0.00	2701.19
m63	AB, BC, AD_ACD	20	0.00	2836.25
m64	AD, BD, AC_ACD	20	0.00	2836.25
m65	AD, BD, CD	20	0.00	2836.25
m66	AB, AD, BD	19	0.00	2985.53
m67	AC, AD, AD_ACD	19	0.00	2985.53
m68	BC, AC_ACD, AD_ACD	19	0.00	2985.53

m69	AB, AD_ACD, BD_BCD	18	0.00	3151.39
m70	AC_ACD, AD_ACD, CD_BCD	18	0.00	3151.39
m71	AD, AC_ACD, CD_BCD	18	0.00	3151.39
m72	AD, CD, AC_ACD	18	0.00	3151.39
m73	AD, BD, BD_BCD	17	0.00	3336.76
m74	CD, AD_ACD, CD_BCD	17	0.00	3336.76
m75	AB, AD, AD_ACD	16	0.00	3545.31
m76	AB, AD, BC	16	0.00	3545.31
m77	AD, AC_ACD, AD_ACD	16	0.00	3545.31
m78	BC, AD_ACD, BD_BCD	16	0.00	3545.31
m79	AD, AD_ACD, CD_BCD	15	0.00	3781.67
m80	AD, BC, BD_BCD	15	0.00	3781.67
m81	BC, CD, AD_ACD	15	0.00	3781.67
m82	BD, AC_ACD, AD_ACD	15	0.00	3781.67
m83	AB, AD_ACD, CD_BCD	14	0.00	4051.79
m84	AC, BD, AC_ACD	14	0.00	4051.79
m85	AD, BC, AC_ACD	14	0.00	4051.79
m86	AD, CD_BCD, BD_BCD	14	0.00	4051.79
m87	BD, AD_ACD, BD_BCD	14	0.00	4051.79
m88	AD, CD, CD_BCD	13	0.00	4363.46
m89	BC, AC_ACD, CD_BCD	13	0.00	4363.46
m90	BC, BD, AC_ACD	13	0.00	4363.46
m91	AB, AD, AC_ACD	12	0.00	4727.08
m92	AB, BC, BD	12	0.00	4727.08
m93	AB, BD, BD_BCD	12	0.00	4727.08
m94	AC, CD, AC_ACD	12	0.00	4727.08
m95	AD, BC, CD	12	0.00	4727.08
m96	AD, BC, CD_BCD	12	0.00	4727.08
m97	AD_ACD, CD_BCD, BD_BCD	12	0.00	4727.08
m98	BC, BD, BD_BCD	12	0.00	4727.08
m99	BC, BD, CD_BCD	12	0.00	4727.08
m100	BD, CD, AD_ACD	12	0.00	4727.08
m101	AB, AC_ACD, BD_BCD	11	0.00	5156.82
m102	AB, AD, BD_BCD	11	0.00	5156.82
m103	AB, AD, CD_BCD	11	0.00	5156.82
m104	AB, BC, BD_BCD	11	0.00	5156.82

m105	AB, BD, AC_ACD	11	0.00	5156.82
m106	AC, AB, AD	11	0.00	5156.82
m107	AC, AB, BC	11	0.00	5156.82
m108	AC, AD, CD	11	0.00	5156.82
m109	AC, BC, AD_ACD	11	0.00	5156.82
m110	AD, BD, CD_BCD	11	0.00	5156.82
m111	AD, CD, AD_ACD	11	0.00	5156.82
m112	BD, AC_ACD, BD_BCD	11	0.00	5156.82
m113	BD, AD_ACD, CD_BCD	11	0.00	5156.82
m114	BD, CD, AC_ACD	11	0.00	5156.82
m115	BD, CD_BCD, BD_BCD	11	0.00	5156.82
m116	AB, BC, AC_ACD	10	0.00	5672.50
m117	AB, BC, CD_BCD	10	0.00	5672.50
m118	AB, BD, CD_BCD	10	0.00	5672.50
m119	AB, CD, AD_ACD	10	0.00	5672.50
m120	AC, BC, CD_BCD	10	0.00	5672.50
m121	AC, CD_BCD, BD_BCD	10	0.00	5672.50
m122	AC_ACD, AD_ACD, BD_BCD	10	0.00	5672.50
m123	AD, CD, BD_BCD	10	0.00	5672.50
m124	CD, AC_ACD, AD_ACD	10	0.00	5672.50
m125	CD, AC_ACD, BD_BCD	10	0.00	5672.50
m126	AB, BD, CD	9	0.00	6302.78
m127	AB, CD, BD_BCD	9	0.00	6302.78
m128	AC, AB, AD_ACD	9	0.00	6302.78
m129	AC, AB, CD	9	0.00	6302.78
m130	AC, AC_ACD, AD_ACD	9	0.00	6302.78
m131	AC, AD, AC_ACD	9	0.00	6302.78
m132	AC, AD, BD	9	0.00	6302.78
m133	AC, BC, AC_ACD	9	0.00	6302.78
m134	BC, AD_ACD, CD_BCD	9	0.00	6302.78
m135	BC, BD, CD	9	0.00	6302.78
m136	CD, AD_ACD, BD_BCD	9	0.00	6302.78
m137	AC, CD, AD_ACD	8	0.00	7090.62
m138	BC, AC_ACD, BD_BCD	8	0.00	7090.62
m139	AB, AC_ACD, AD_ACD	7	0.00	8103.57
m140	AB, AC_ACD, CD_BCD	7	0.00	8103.57

m141	AB, AD, CD	7	0.00	8103.57
m142	AB, BD, AD_ACD	7	0.00	8103.57
m143	AB, CD, AC_ACD	7	0.00	8103.57
m144	AC, AB, AC_ACD	7	0.00	8103.57
m145	AC, AC_ACD, BD_BCD	7	0.00	8103.57
m146	AC, AD, BD_BCD	7	0.00	8103.57
m147	BC, CD, AC_ACD	7	0.00	8103.57
m148	BD, AC_ACD, CD_BCD	7	0.00	8103.57
m149	CD, CD_BCD, BD_BCD	7	0.00	8103.57
m150	AB, BC, CD	6	0.00	9454.17
m151	AB, CD, CD_BCD	6	0.00	9454.17
m152	AC, AD, BC	6	0.00	9454.17
m153	AC, AD, CD_BCD	6	0.00	9454.17
m154	AC, AD_ACD, CD_BCD	6	0.00	9454.17
m155	AC, BC, BD_BCD	6	0.00	9454.17
m156	AC, BC, CD	6	0.00	9454.17
m157	AC_ACD, CD_BCD, BD_BCD	6	0.00	9454.17
m158	BD, CD, CD_BCD	6	0.00	9454.17
m159	CD, AC_ACD, CD_BCD	6	0.00	9454.17
m160	AC, AB, BD	5	0.00	11345.00
m161	AC, AC_ACD, CD_BCD	5	0.00	11345.00
m162	AC, AD_ACD, BD_BCD	5	0.00	11345.00
m163	AC, BD, AD_ACD	5	0.00	11345.00
m164	AC, BD, CD_BCD	5	0.00	11345.00
m165	AB, BD, AD_ACD, BD_BCD	4	0.00	14181.25
m166	AC, BD, BD_BCD	4	0.00	14181.25
m167	AC, BD, CD	4	0.00	14181.25
m168	AC, CD, BD_BCD	4	0.00	14181.25
m169	BC, CD, BD_BCD	4	0.00	14181.25
m170	BC, CD, CD_BCD	4	0.00	14181.25
m171	BC, CD_BCD, BD_BCD	4	0.00	14181.25
m172	BD, CD, BD_BCD	4	0.00	14181.25
m173	AB, CD_BCD, BD_BCD	3	0.00	18908.33
m174	AC, AB, BD_BCD	3	0.00	18908.33
m175	AC, AB, CD_BCD	3	0.00	18908.33
m176	AC, BC, CD, BD_BCD	3	0.00	18908.33

m177	AC, CD, CD_BCD	3	0.00	18908.33
m178	AD, BD, AC_ACD, AD_ACD	3	0.00	18908.33
m179	AD, BD, AD_ACD, CD_BCD	3	0.00	18908.33
m180	CD, AC_ACD, CD_BCD, BD_BCD	3	0.00	18908.33
m181	CD, AD_ACD, CD_BCD, BD_BCD	3	0.00	18908.33
m182	AB, AC_ACD, AD_ACD, CD_BCD	2	0.00	28362.50
m183	AB, AD, AC_ACD, CD_BCD	2	0.00	28362.50
m184	AB, AD, BC, CD	2	0.00	28362.50
m185	AB, AD, BD, CD_BCD	2	0.00	28362.50
m186	AB, BC, CD, AD_ACD	2	0.00	28362.50
m187	AC, AB, AD, AC_ACD	2	0.00	28362.50
m188	AC, AB, AD, BD	2	0.00	28362.50
m189	AC, AD, BC, BD_BCD	2	0.00	28362.50
m190	AC, AD, BD, AD_ACD	2	0.00	28362.50
m191	AC, BC, BD	2	0.00	28362.50
m192	AC_ACD, AD_ACD, CD_BCD, BD_BCD	2	0.00	28362.50
m193	AD, BC, AC_ACD, BD_BCD	2	0.00	28362.50
m194	AD, BC, AC_ACD, CD_BCD	2	0.00	28362.50
m195	AD, BC, CD, AD_ACD	2	0.00	28362.50
m196	AD, BD, AC_ACD, CD_BCD	2	0.00	28362.50
m197	BC, BD, AD_ACD, BD_BCD	2	0.00	28362.50
m198	BC, BD, AD_ACD, CD_BCD	2	0.00	28362.50
m199	BD, AC_ACD, AD_ACD, BD_BCD	2	0.00	28362.50
m200	AB, AC_ACD, CD_BCD, BD_BCD	1	0.00	56725.00
m201	AB, AD, AC_ACD, BD_BCD	1	0.00	56725.00
m202	AB, AD, AD_ACD, BD_BCD	1	0.00	56725.00
m203	AB, AD, AD_ACD, CD_BCD	1	0.00	56725.00
m204	AB, AD, BC, AD_ACD	1	0.00	56725.00
m205	AB, AD, BC, BD_BCD	1	0.00	56725.00
m206	AB, AD, BC, CD_BCD	1	0.00	56725.00
m207	AB, AD, BD, AD_ACD	1	0.00	56725.00
m208	AB, AD, BD, BD_BCD	1	0.00	56725.00
m209	AB, AD, BD, CD	1	0.00	56725.00
m210	AB, AD, CD_BCD, BD_BCD	1	0.00	56725.00
m211	AB, BC, AC_ACD, BD_BCD	1	0.00	56725.00
m212	AB, BC, AD_ACD, CD_BCD	1	0.00	56725.00

m213	AB, BC, BD, AD_ACD	1	0.00	56725.00
m214	AB, BC, BD, BD_BCD	1	0.00	56725.00
m215	AB, BC, CD, CD_BCD, BD_BCD	1	0.00	56725.00
m216	AB, BD, AC_ACD, AD_ACD	1	0.00	56725.00
m217	AB, BD, AC_ACD, AD_ACD, CD_BCD	1	0.00	56725.00
m218	AB, BD, AC_ACD, BD_BCD	1	0.00	56725.00
m219	AB, BD, AC_ACD, CD_BCD	1	0.00	56725.00
m220	AB, BD, CD, AC_ACD	1	0.00	56725.00
m221	AB, BD, CD, AC_ACD, AD_ACD	1	0.00	56725.00
m222	AB, BD, CD, AD_ACD	1	0.00	56725.00
m223	AB, CD, AC_ACD, AD_ACD	1	0.00	56725.00
m224	AB, CD, CD_BCD, BD_BCD	1	0.00	56725.00
m225	AC, AB, AC_ACD, AD_ACD	1	0.00	56725.00
m226	AC, AB, AC_ACD, CD_BCD	1	0.00	56725.00
m227	AC, AB, AD, BC	1	0.00	56725.00
m228	AC, AB, AD, BC, AD_ACD	1	0.00	56725.00
m229	AC, AB, AD, BC, CD	1	0.00	56725.00
m230	AC, AB, AD, BD, BD_BCD	1	0.00	56725.00
m231	AC, AB, AD, BD_BCD	1	0.00	56725.00
m232	AC, AB, AD_ACD, CD_BCD	1	0.00	56725.00
m233	AC, AB, BC, AD_ACD	1	0.00	56725.00
m234	AC, AB, BC, BD	1	0.00	56725.00
m235	AC, AB, BD, AD_ACD	1	0.00	56725.00
m236	AC, AB, BD, BD_BCD	1	0.00	56725.00
m237	AC, AB, CD, AD_ACD	1	0.00	56725.00
m238	AC, AB, CD, BD_BCD	1	0.00	56725.00
m239	AC, AB, CD, CD_BCD	1	0.00	56725.00
m240	AC, AB, CD_BCD, BD_BCD	1	0.00	56725.00
m241	AC, AC_ACD, CD_BCD, BD_BCD	1	0.00	56725.00
m242	AC, AD, AC_ACD, AD_ACD	1	0.00	56725.00
m243	AC, AD, AD_ACD, BD_BCD	1	0.00	56725.00
m244	AC, AD, AD_ACD, CD_BCD	1	0.00	56725.00
m245	AC, AD, BC, AC_ACD	1	0.00	56725.00
m246	AC, AD, BC, AD_ACD	1	0.00	56725.00
m247	AC, AD, BC, AD_ACD, CD_BCD	1	0.00	56725.00
m248	AC, AD, BC, BD, BD_BCD	1	0.00	56725.00

m249	AC, AD, BC, CD, AC_ACD, AD_ACD	1	0.00	56725.00
m250	AC, AD, BD, AC_ACD	1	0.00	56725.00
m251	AC, AD, BD, CD, AC_ACD	1	0.00	56725.00
m252	AC, AD, CD, AD_ACD	1	0.00	56725.00
m253	AC, AD, CD, CD_BCD	1	0.00	56725.00
m254	AC, BC, AD_ACD, CD_BCD	1	0.00	56725.00
m255	AC, BC, BD, AD_ACD, BD_BCD	1	0.00	56725.00
m256	AC, BC, BD, BD_BCD	1	0.00	56725.00
m257	AC, BC, BD, CD_BCD, BD_BCD	1	0.00	56725.00
m258	AC, BC, CD, AD_ACD	1	0.00	56725.00
m259	AC, BD, AC_ACD, AD_ACD	1	0.00	56725.00
m260	AC, BD, AD_ACD, BD_BCD	1	0.00	56725.00
m261	AC, CD, AC_ACD, CD_BCD	1	0.00	56725.00
m262	AC, CD, CD_BCD, BD_BCD	1	0.00	56725.00
m263	AD, AC_ACD, AD_ACD, BD_BCD	1	0.00	56725.00
m264	AD, AC_ACD, CD_BCD, BD_BCD	1	0.00	56725.00
m265	AD, BC, AD_ACD, BD_BCD	1	0.00	56725.00
m266	AD, BC, AD_ACD, CD_BCD	1	0.00	56725.00
m267	AD, BC, BD, AC_ACD, BD_BCD	1	0.00	56725.00
m268	AD, BC, BD, AC_ACD, CD_BCD	1	0.00	56725.00
m269	AD, BC, BD, AD_ACD	1	0.00	56725.00
m270	AD, BC, CD, BD_BCD	1	0.00	56725.00
m271	AD, BC, CD_BCD, BD_BCD	1	0.00	56725.00
m272	AD, BD, CD, AC_ACD	1	0.00	56725.00
m273	AD, BD, CD, AD_ACD	1	0.00	56725.00
m274	AD, BD, CD, AD_ACD, BD_BCD	1	0.00	56725.00
m275	AD, BD, CD, CD_BCD	1	0.00	56725.00
m276	AD, CD, AD_ACD, BD_BCD	1	0.00	56725.00
m277	AD, CD, AD_ACD, CD_BCD	1	0.00	56725.00
m278	BC, AC_ACD, CD_BCD, BD_BCD	1	0.00	56725.00
m279	BC, BD, AC_ACD, BD_BCD	1	0.00	56725.00
m280	BC, BD, CD, CD_BCD	1	0.00	56725.00
m281	BC, BD, CD_BCD, BD_BCD	1	0.00	56725.00
m282	BC, CD, AD_ACD, BD_BCD	1	0.00	56725.00
m283	BC, CD, AD_ACD, CD_BCD	1	0.00	56725.00
m284	BD, CD, AC_ACD, AD_ACD	1	0.00	56725.00

m285	BD, CD, AC_ACD, BD_BCD	1	0.00	56725.00
m286	BD, CD, AD_ACD, BD_BCD	1	0.00	56725.00
m287	CD, AC_ACD, AD_ACD, CD_BCD	1	0.00	56725.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S10: Posterior Model Odds for the smoking cessation example, using the Jackson's model and assuming $\pi_{cons} = 0.5$ and $\mathbf{R} = \mathbf{g}(\mathbf{Z}'\mathbf{Z})^{-1}\sigma^2$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	55013	0.55	1.00
m2	AD	4315	0.04	12.75
m3	AD_ACD	3848	0.04	14.30
m4	AC	3490	0.03	15.76
m5	AC_ACD	3298	0.03	16.68
m6	BD	3192	0.03	17.23
m7	AB	3188	0.03	17.26
m8	CD	3130	0.03	17.58
m9	BC	3042	0.03	18.08
m10	CD_BCD	2961	0.03	18.58
m11	BD_BCD	2913	0.03	18.89
m12	AD, AD_ACD	326	0.00	168.75
m13	AD, BD	303	0.00	181.56
m14	AD, AC_ACD	275	0.00	200.05
m15	AC, AD_ACD	271	0.00	203.00
m16	AC, AD	261	0.00	210.78
m17	BD, AD_ACD	255	0.00	215.74
m18	AD, CD	252	0.00	218.31
m19	AB, AD	251	0.00	219.18
m20	CD, AD_ACD	238	0.00	231.15
m21	AC_ACD, AD_ACD	237	0.00	232.12
m22	AD, BC	232	0.00	237.12
m23	AD_ACD, BD_BCD	227	0.00	242.35
m24	AC, AB	225	0.00	244.50
m25	AC, BD	222	0.00	247.81
m26	AB, AD_ACD	220	0.00	250.06
m27	AB, CD	220	0.00	250.06
m28	CD, AC_ACD	219	0.00	251.20
m29	AD, BD_BCD	217	0.00	253.52
m30	AC, CD	215	0.00	255.87
m31	AD_ACD, CD_BCD	215	0.00	255.87
m32	BD, AC_ACD	211	0.00	260.73

m33	AC, AC_ACD	210	0.00	261.97
m34	AB, BC	208	0.00	264.49
m35	AC, BC	206	0.00	267.05
m36	AB, BD_BCD	205	0.00	268.36
m37	AD, CD_BCD	205	0.00	268.36
m38	CD, BD_BCD	204	0.00	269.67
m39	BC, AD_ACD	203	0.00	271.00
m40	AB, AC_ACD	200	0.00	275.06
m41	BD, CD	196	0.00	280.68
m42	CD_BCD, BD_BCD	195	0.00	282.12
m43	AC, BD_BCD	193	0.00	285.04
m44	AC, CD_BCD	193	0.00	285.04
m45	BC, AC_ACD	190	0.00	289.54
m46	BC, BD	187	0.00	294.19
m47	BC, BD_BCD	187	0.00	294.19
m48	BD, BD_BCD	187	0.00	294.19
m49	CD, CD_BCD	184	0.00	298.98
m50	BC, CD_BCD	180	0.00	305.63
m51	AB, BD	178	0.00	309.06
m52	AC_ACD, BD_BCD	175	0.00	314.36
m53	AB, CD_BCD	172	0.00	319.84
m54	BD, CD_BCD	172	0.00	319.84
m55	BC, CD	170	0.00	323.61
m56	AC_ACD, CD_BCD	169	0.00	325.52
m57	AB, BD, AD_ACD	25	0.00	2200.52
m58	AB, BC, BD	24	0.00	2292.21
m59	AC, AB, AD_ACD	23	0.00	2391.87
m60	AD, AD_ACD, CD_BCD	23	0.00	2391.87
m61	AC, AD, CD_BCD	22	0.00	2500.59
m62	AC, AD, BD	21	0.00	2619.67
m63	AD, BD, BD_BCD	21	0.00	2619.67
m64	AB, AD_ACD, BD_BCD	20	0.00	2750.65
m65	AC, AB, AD	20	0.00	2750.65
m66	AC, AB, CD_BCD	20	0.00	2750.65
m67	AC, AD, AC_ACD	20	0.00	2750.65
m68	AD, BC, CD	20	0.00	2750.65

m69	BC, CD, BD_BCD	20	0.00	2750.65
m70	BD, AD_ACD, CD_BCD	20	0.00	2750.65
m71	AC, AD, BD_BCD	19	0.00	2895.42
m72	AC, BD, AC_ACD	19	0.00	2895.42
m73	AD, AC_ACD, AD_ACD	19	0.00	2895.42
m74	BC, AC_ACD, BD_BCD	19	0.00	2895.42
m75	BD, CD, AD_ACD	19	0.00	2895.42
m76	AB, AD, BD_BCD	18	0.00	3056.28
m77	AB, BC, CD	18	0.00	3056.28
m78	AD, AC_ACD, BD_BCD	18	0.00	3056.28
m79	AD, AC_ACD, CD_BCD	18	0.00	3056.28
m80	AD, BC, BD_BCD	18	0.00	3056.28
m81	AD, BD, AD_ACD	18	0.00	3056.28
m82	BC, BD, BD_BCD	18	0.00	3056.28
m83	BD, AC_ACD, AD_ACD	18	0.00	3056.28
m84	BD, CD, BD_BCD	18	0.00	3056.28
m85	AB, AD, AD_ACD	17	0.00	3236.06
m86	AB, AD, CD	17	0.00	3236.06
m87	AB, BD, CD_BCD	17	0.00	3236.06
m88	AC, AD, BC	17	0.00	3236.06
m89	AC, BD, CD	17	0.00	3236.06
m90	AC_ACD, AD_ACD, BD_BCD	17	0.00	3236.06
m91	CD, AD_ACD, CD_BCD	17	0.00	3236.06
m92	AC, CD, AD_ACD	16	0.00	3438.31
m93	AC, CD, CD_BCD	16	0.00	3438.31
m94	AD, CD_BCD, BD_BCD	16	0.00	3438.31
m95	AB, AC_ACD, AD_ACD	15	0.00	3667.53
m96	AB, AD, AC_ACD	15	0.00	3667.53
m97	AB, AD, BD	15	0.00	3667.53
m98	AC, AB, AC_ACD	15	0.00	3667.53
m99	AC, AB, CD	15	0.00	3667.53
m100	AC, BC, CD_BCD	15	0.00	3667.53
m101	AD, CD, BD_BCD	15	0.00	3667.53
m102	BC, AC_ACD, CD_BCD	15	0.00	3667.53
m103	BC, BD, CD_BCD	15	0.00	3667.53
m104	BC, CD, AC_ACD	15	0.00	3667.53

m105	BC, CD, AD_ACD	15	0.00	3667.53
m106	AB, BC, AC_ACD	14	0.00	3929.50
m107	AB, CD, AD_ACD	14	0.00	3929.50
m108	AC, AB, BC	14	0.00	3929.50
m109	AC, AD_ACD, BD_BCD	14	0.00	3929.50
m110	AC, AD_ACD, CD_BCD	14	0.00	3929.50
m111	AC, BC, BD_BCD	14	0.00	3929.50
m112	AC, BD, BD_BCD	14	0.00	3929.50
m113	AC, CD, AC_ACD	14	0.00	3929.50
m114	AD, BD, AC_ACD	14	0.00	3929.50
m115	AD, CD, AC_ACD	14	0.00	3929.50
m116	BC, AC_ACD, AD_ACD	14	0.00	3929.50
m117	BC, AD_ACD, BD_BCD	14	0.00	3929.50
m118	BD, CD, AC_ACD	14	0.00	3929.50
m119	BD, CD, CD_BCD	14	0.00	3929.50
m120	BD, CD_BCD, BD_BCD	14	0.00	3929.50
m121	CD, AC_ACD, AD_ACD	14	0.00	3929.50
m122	CD, AC_ACD, BD_BCD	14	0.00	3929.50
m123	AB, AC_ACD, CD_BCD	13	0.00	4231.77
m124	AB, BD, AC_ACD	13	0.00	4231.77
m125	AB, BD, BD_BCD	13	0.00	4231.77
m126	AB, CD_BCD, BD_BCD	13	0.00	4231.77
m127	AC, AB, BD	13	0.00	4231.77
m128	AC, AD, AD_ACD	13	0.00	4231.77
m129	AC, BC, AD_ACD	13	0.00	4231.77
m130	AC, CD, BD_BCD	13	0.00	4231.77
m131	AD, AD_ACD, BD_BCD	13	0.00	4231.77
m132	AD, BC, AC_ACD	13	0.00	4231.77
m133	AD, BC, BD	13	0.00	4231.77
m134	AD, BC, CD_BCD	13	0.00	4231.77
m135	AD, CD, AD_ACD	13	0.00	4231.77
m136	BC, BD, AD_ACD	13	0.00	4231.77
m137	BD, AC_ACD, BD_BCD	13	0.00	4231.77
m138	CD, CD_BCD, BD_BCD	13	0.00	4231.77
m139	AB, AC_ACD, BD_BCD	12	0.00	4584.42
m140	AC, AC_ACD, AD_ACD	12	0.00	4584.42

m141	AC, AC_ACD, BD_BCD	12	0.00	4584.42
m142	AC, BC, CD	12	0.00	4584.42
m143	AC, BD, CD_BCD	12	0.00	4584.42
m144	AC_ACD, CD_BCD, BD_BCD	12	0.00	4584.42
m145	AD, BC, AD_ACD	12	0.00	4584.42
m146	AB, AD_ACD, CD_BCD	11	0.00	5001.18
m147	AC, AB, BD_BCD	11	0.00	5001.18
m148	AC, AD, CD	11	0.00	5001.18
m149	AC, BC, AC_ACD	11	0.00	5001.18
m150	AC, BD, AD_ACD	11	0.00	5001.18
m151	AC, CD_BCD, BD_BCD	11	0.00	5001.18
m152	AD, BD, CD	11	0.00	5001.18
m153	AD_ACD, CD_BCD, BD_BCD	11	0.00	5001.18
m154	BC, BD, CD	11	0.00	5001.18
m155	BC, CD, CD_BCD	11	0.00	5001.18
m156	BC, CD_BCD, BD_BCD	11	0.00	5001.18
m157	AB, BC, AD_ACD	10	0.00	5501.30
m158	AB, CD, AC_ACD	10	0.00	5501.30
m159	AB, CD, CD_BCD	10	0.00	5501.30
m160	AD, BD, CD_BCD	10	0.00	5501.30
m161	BD, AD_ACD, BD_BCD	10	0.00	5501.30
m162	AB, AD, BC	9	0.00	6112.56
m163	AB, AD, CD_BCD	9	0.00	6112.56
m164	AB, BC, CD_BCD	9	0.00	6112.56
m165	AB, CD, BD_BCD	9	0.00	6112.56
m166	AC_ACD, AD_ACD, CD_BCD	9	0.00	6112.56
m167	AD, CD, CD_BCD	9	0.00	6112.56
m168	BC, BD, AC_ACD	9	0.00	6112.56
m169	BD, AC_ACD, CD_BCD	9	0.00	6112.56
m170	CD, AC_ACD, CD_BCD	9	0.00	6112.56
m171	AB, BC, BD_BCD	8	0.00	6876.62
m172	AB, BD, CD	7	0.00	7859.00
m173	AC, BC, BD	7	0.00	7859.00
m174	CD, AD_ACD, BD_BCD	7	0.00	7859.00
m175	AC, AC_ACD, CD_BCD	6	0.00	9168.83
m176	BC, AD_ACD, CD_BCD	5	0.00	11002.60

m177	BC, BD, AC_ACD, BD_BCD	5	0.00	11002.60
m178	AB, AD, BC, BD	4	0.00	13753.25
m179	AC, AB, BC, BD_BCD	4	0.00	13753.25
m180	AC, AB, CD_BCD, BD_BCD	4	0.00	13753.25
m181	AC, AD, CD_BCD, BD_BCD	4	0.00	13753.25
m182	AC, BC, CD, BD_BCD	4	0.00	13753.25
m183	AD, BC, BD, CD	4	0.00	13753.25
m184	AB, BD, AD_ACD, BD_BCD	3	0.00	18337.67
m185	AB, BD, CD_BCD, BD_BCD	3	0.00	18337.67
m186	AC, AC_ACD, AD_ACD, CD_BCD	3	0.00	18337.67
m187	AC, AD, AC_ACD, CD_BCD	3	0.00	18337.67
m188	AC, AD, BD, AD_ACD	3	0.00	18337.67
m189	AD, BC, AC_ACD, AD_ACD	3	0.00	18337.67
m190	AD, BC, AC_ACD, BD_BCD	3	0.00	18337.67
m191	AD, BD, CD_BCD, BD_BCD	3	0.00	18337.67
m192	BC, CD, AD_ACD, BD_BCD	3	0.00	18337.67
m193	AB, AC_ACD, CD_BCD, BD_BCD	2	0.00	27506.50
m194	AB, AD, BC, BD_BCD	2	0.00	27506.50
m195	AB, AD, BD, AD_ACD	2	0.00	27506.50
m196	AB, AD, BD, CD	2	0.00	27506.50
m197	AB, AD, CD_BCD, BD_BCD	2	0.00	27506.50
m198	AB, AD_ACD, CD_BCD, BD_BCD	2	0.00	27506.50
m199	AB, BC, AD_ACD, BD_BCD	2	0.00	27506.50
m200	AB, BC, AD_ACD, CD_BCD	2	0.00	27506.50
m201	AB, BC, CD, AD_ACD	2	0.00	27506.50
m202	AB, BC, CD, CD_BCD	2	0.00	27506.50
m203	AB, BD, AC_ACD, BD_BCD	2	0.00	27506.50
m204	AB, BD, AC_ACD, CD_BCD	2	0.00	27506.50
m205	AB, BD, CD, AD_ACD	2	0.00	27506.50
m206	AC, AB, AC_ACD, CD_BCD	2	0.00	27506.50
m207	AC, AB, AD_ACD, BD_BCD	2	0.00	27506.50
m208	AC, AB, BD, AC_ACD	2	0.00	27506.50
m209	AC, AB, BD, CD_BCD	2	0.00	27506.50
m210	AC, AB, CD, AD_ACD	2	0.00	27506.50
m211	AC, AD, BC, BD	2	0.00	27506.50
m212	AC, AD, BC, CD	2	0.00	27506.50

m213	AC, BC, BD, CD	2	0.00	27506.50
m214	AC, BC, CD, AD_ACD	2	0.00	27506.50
m215	AC, BD, AD_ACD, BD_BCD	2	0.00	27506.50
m216	AC, CD, AD_ACD, BD_BCD	2	0.00	27506.50
m217	AD, AC_ACD, AD_ACD, CD_BCD	2	0.00	27506.50
m218	AD, AD_ACD, CD_BCD, BD_BCD	2	0.00	27506.50
m219	AD, BC, AC_ACD, CD_BCD	2	0.00	27506.50
m220	AD, BC, AD_ACD, CD_BCD	2	0.00	27506.50
m221	AD, BC, CD, AD_ACD	2	0.00	27506.50
m222	AD, BC, CD, BD_BCD	2	0.00	27506.50
m223	AD, BC, CD_BCD, BD_BCD	2	0.00	27506.50
m224	AD, BD, AD_ACD, BD_BCD	2	0.00	27506.50
m225	AD, BD, AD_ACD, CD_BCD	2	0.00	27506.50
m226	AD, BD, CD, AD_ACD	2	0.00	27506.50
m227	AD, BD, CD, BD_BCD	2	0.00	27506.50
m228	AD, BD, CD, CD_BCD	2	0.00	27506.50
m229	AD, CD, AC_ACD, AD_ACD	2	0.00	27506.50
m230	AD, CD, CD_BCD, BD_BCD	2	0.00	27506.50
m231	BC, AC_ACD, AD_ACD, CD_BCD	2	0.00	27506.50
m232	BC, BD, AD_ACD, CD_BCD	2	0.00	27506.50
m233	BC, BD, CD, AD_ACD	2	0.00	27506.50
m234	BD, AC_ACD, AD_ACD, BD_BCD	2	0.00	27506.50
m235	BD, CD, AC_ACD, BD_BCD	2	0.00	27506.50
m236	CD, AC_ACD, CD_BCD, BD_BCD	2	0.00	27506.50
m237	CD, AD_ACD, CD_BCD, BD_BCD	2	0.00	27506.50
m238	AB, AD, AC_ACD, AD_ACD	1	0.00	55013.00
m239	AB, AD, AD_ACD, CD_BCD	1	0.00	55013.00
m240	AB, AD, BC, AD_ACD	1	0.00	55013.00
m241	AB, AD, BD, BD_BCD	1	0.00	55013.00
m242	AB, AD, CD, AC_ACD	1	0.00	55013.00
m243	AB, AD, CD, AD_ACD	1	0.00	55013.00
m244	AB, AD, CD, AD_ACD, BD_BCD	1	0.00	55013.00
m245	AB, AD, CD, CD_BCD	1	0.00	55013.00
m246	AB, BC, AC_ACD, AD_ACD	1	0.00	55013.00
m247	AB, BC, BD, BD_BCD	1	0.00	55013.00
m248	AB, BC, BD, CD, AD_ACD	1	0.00	55013.00

m249	AB, BC, BD, CD_BCD	1	0.00	55013.00
m250	AB, BC, CD, BD_BCD	1	0.00	55013.00
m251	AB, BD, CD, CD_BCD	1	0.00	55013.00
m252	AB, CD, AC_ACD, CD_BCD	1	0.00	55013.00
m253	AB, CD, AD_ACD, BD_BCD	1	0.00	55013.00
m254	AB, CD, AD_ACD, CD_BCD	1	0.00	55013.00
m255	AB, CD, CD_BCD, BD_BCD	1	0.00	55013.00
m256	AC, AB, AD, AC_ACD	1	0.00	55013.00
m257	AC, AB, AD, AD_ACD	1	0.00	55013.00
m258	AC, AB, AD, BD, AC_ACD	1	0.00	55013.00
m259	AC, AB, AD, BD, CD	1	0.00	55013.00
m260	AC, AB, AD, BD_BCD	1	0.00	55013.00
m261	AC, AB, AD, CD, AC_ACD, BD_BCD	1	0.00	55013.00
m262	AC, AB, AD_ACD, CD_BCD	1	0.00	55013.00
m263	AC, AB, AD_ACD, CD_BCD, BD_BCD	1	0.00	55013.00
m264	AC, AB, BC, AC_ACD	1	0.00	55013.00
m265	AC, AB, BC, BD	1	0.00	55013.00
m266	AC, AB, BC, BD, BD_BCD	1	0.00	55013.00
m267	AC, AB, BD, AD_ACD	1	0.00	55013.00
m268	AC, AB, BD, CD, AC_ACD	1	0.00	55013.00
m269	AC, AB, CD, BD_BCD	1	0.00	55013.00
m270	AC, AB, CD, CD_BCD	1	0.00	55013.00
m271	AC, AC_ACD, AD_ACD, BD_BCD	1	0.00	55013.00
m272	AC, AC_ACD, CD_BCD, BD_BCD	1	0.00	55013.00
m273	AC, AD, AC_ACD, AD_ACD, BD_BCD	1	0.00	55013.00
m274	AC, AD, AC_ACD, BD_BCD	1	0.00	55013.00
m275	AC, AD, AD_ACD, BD_BCD	1	0.00	55013.00
m276	AC, AD, BC, AC_ACD	1	0.00	55013.00
m277	AC, AD, BC, BD, AC_ACD	1	0.00	55013.00
m278	AC, AD, BC, BD_BCD	1	0.00	55013.00
m279	AC, AD, BD, AC_ACD	1	0.00	55013.00
m280	AC, AD, BD, BD_BCD	1	0.00	55013.00
m281	AC, AD, BD, CD	1	0.00	55013.00
m282	AC, AD, CD, AC_ACD	1	0.00	55013.00
m283	AC, AD, CD, AC_ACD, CD_BCD	1	0.00	55013.00
m284	AC, AD, CD, AD_ACD	1	0.00	55013.00

m285	AC, BC, AC_ACD, BD_BCD	1	0.00	55013.00
m286	AC, BC, AC_ACD, CD_BCD	1	0.00	55013.00
m287	AC, BC, AD_ACD, BD_BCD	1	0.00	55013.00
m288	AC, BC, BD, AD_ACD	1	0.00	55013.00
m289	AC, BC, BD, CD_BCD	1	0.00	55013.00
m290	AC, BC, CD, AD_ACD, BD_BCD	1	0.00	55013.00
m291	AC, BC, CD_BCD, BD_BCD	1	0.00	55013.00
m292	AC, BD, AC_ACD, AD_ACD	1	0.00	55013.00
m293	AC, BD, AC_ACD, BD_BCD	1	0.00	55013.00
m294	AC, BD, AC_ACD, CD_BCD	1	0.00	55013.00
m295	AC, BD, AD_ACD, CD_BCD	1	0.00	55013.00
m296	AC, BD, AD_ACD, CD_BCD, BD_BCD	1	0.00	55013.00
m297	AC, BD, CD, AC_ACD	1	0.00	55013.00
m298	AC, BD, CD, AD_ACD	1	0.00	55013.00
m299	AC, BD, CD, CD_BCD	1	0.00	55013.00
m300	AC, BD, CD_BCD, BD_BCD	1	0.00	55013.00
m301	AC, CD, AC_ACD, BD_BCD	1	0.00	55013.00
m302	AC, CD, AC_ACD, CD_BCD	1	0.00	55013.00
m303	AC, CD, AD_ACD, CD_BCD	1	0.00	55013.00
m304	AC, CD, CD_BCD, BD_BCD	1	0.00	55013.00
m305	AD, AC_ACD, AD_ACD, BD_BCD	1	0.00	55013.00
m306	AD, AC_ACD, CD_BCD, BD_BCD	1	0.00	55013.00
m307	AD, BC, BD, AC_ACD	1	0.00	55013.00
m308	AD, BC, BD, BD_BCD	1	0.00	55013.00
m309	AD, BC, BD, CD, AC_ACD	1	0.00	55013.00
m310	AD, BC, BD, CD, AC_ACD, AD_ACD	1	0.00	55013.00
m311	AD, BC, BD, CD_BCD	1	0.00	55013.00
m312	AD, BC, BD, CD_BCD, BD_BCD	1	0.00	55013.00
m313	AD, BC, CD, AC_ACD	1	0.00	55013.00
m314	AD, BC, CD, CD_BCD, BD_BCD	1	0.00	55013.00
m315	AD, BD, AD_ACD, CD_BCD, BD_BCD	1	0.00	55013.00
m316	AD, CD, AC_ACD, CD_BCD	1	0.00	55013.00
m317	AD, CD, AD_ACD, CD_BCD	1	0.00	55013.00
m318	BC, AC_ACD, AD_ACD, BD_BCD	1	0.00	55013.00
m319	BC, AD_ACD, CD_BCD, BD_BCD	1	0.00	55013.00
m320	BC, BD, AD_ACD, BD_BCD	1	0.00	55013.00

m321	BC, BD, CD, AC_ACD	1	0.00	55013.00
m322	BC, BD, CD, AC_ACD, BD_BCD	1	0.00	55013.00
m323	BC, BD, CD, CD_BCD	1	0.00	55013.00
m324	BC, CD, AD_ACD, CD_BCD	1	0.00	55013.00
m325	BD, AC_ACD, CD_BCD, BD_BCD	1	0.00	55013.00
m326	BD, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	55013.00
m327	BD, CD, AC_ACD, CD_BCD, BD_BCD	1	0.00	55013.00
m328	BD, CD, AD_ACD, BD_BCD	1	0.00	55013.00
m329	BD, CD, AD_ACD, CD_BCD	1	0.00	55013.00
m330	BD, CD, CD_BCD, BD_BCD	1	0.00	55013.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S11: Posterior Model Odds for the smoking cessation example, using the Jackson's model and assuming $\pi_{cons} \sim Beta(157, 44)$ and $\mathbf{R} = \mathbf{I_p}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	81910	0.82	1.00
m2	AD_ACD	2483	0.02	32.99
m3	AD	2341	0.02	34.99
m4	AC_ACD	1832	0.02	44.71
m5	BD	1756	0.02	46.65
m6	BC	1596	0.02	51.32
m7	BD_BCD	1513	0.02	54.14
m8	CD_BCD	1321	0.01	62.01
m9	AB	1300	0.01	63.01
m10	CD	1263	0.01	64.85
m11	AC	1055	0.01	77.64
m12	AD, AD_ACD	80	0.00	1023.88
m13	AD, AC_ACD	56	0.00	1462.68
m14	AD, BD	54	0.00	1516.85
m15	BD, AD_ACD	54	0.00	1516.85
m16	AB, AD_ACD	52	0.00	1575.19
m17	CD, AD_ACD	48	0.00	1706.46
m18	AD, BD_BCD	46	0.00	1780.65
m19	AD_ACD, CD_BCD	46	0.00	1780.65
m20	AB, AD	45	0.00	1820.22
m21	AC_ACD, CD_BCD	45	0.00	1820.22
m22	AC_ACD, AD_ACD	44	0.00	1861.59
m23	BD, CD	44	0.00	1861.59
m24	BC, AD_ACD	43	0.00	1904.88
m25	AD, BC	42	0.00	1950.24
m26	AD_ACD, BD_BCD	42	0.00	1950.24
m27	BD, BD_BCD	42	0.00	1950.24
m28	AD, CD	41	0.00	1997.80
m29	AC, AD_ACD	40	0.00	2047.75
m30	AD, CD_BCD	39	0.00	2100.26
m31	BD, CD_BCD	37	0.00	2213.78
m32	BC, BD	36	0.00	2275.28

m33	AC_ACD, BD_BCD	32	0.00	2559.69
m34	BC, AC_ACD	32	0.00	2559.69
m35	AB, BD	31	0.00	2642.26
m36	AC, AC_ACD	29	0.00	2824.48
m37	BD, AC_ACD	29	0.00	2824.48
m38	AC, BD	28	0.00	2925.36
m39	BC, CD	27	0.00	3033.70
m40	BC, BD_BCD	26	0.00	3150.38
m41	CD, AC_ACD	26	0.00	3150.38
m42	AB, BD_BCD	24	0.00	3412.92
m43	AC, AD	24	0.00	3412.92
m44	AC, BC	24	0.00	3412.92
m45	AB, BC	22	0.00	3723.18
m46	AB, AC_ACD	21	0.00	3900.48
m47	AB, CD	21	0.00	3900.48
m48	CD_BCD, BD_BCD	21	0.00	3900.48
m49	AC, BD_BCD	20	0.00	4095.50
m50	AC, CD	20	0.00	4095.50
m51	AC, CD_BCD	20	0.00	4095.50
m52	BC, CD_BCD	20	0.00	4095.50
m53	AB, CD_BCD	19	0.00	4311.05
m54	AC, AB	17	0.00	4818.24
m55	CD, BD_BCD	16	0.00	5119.38
m56	CD, CD_BCD	15	0.00	5460.67
m57	AB, AD, AD_ACD	4	0.00	20477.50
m58	AB, BC, CD	3	0.00	27303.33
m59	AD, AD_ACD, CD_BCD	3	0.00	27303.33
m60	AD, BD, AC_ACD	3	0.00	27303.33
m61	AB, BD, CD	2	0.00	40955.00
m62	AB, CD, CD_BCD	2	0.00	40955.00
m63	AC, AD, AD_ACD	2	0.00	40955.00
m64	AC, BC, AD_ACD	2	0.00	40955.00
m65	AC, BD, AC_ACD	2	0.00	40955.00
m66	AC, BD, BD_BCD	2	0.00	40955.00
m67	AC, CD, AC_ACD	2	0.00	40955.00
m68	AD, AC_ACD, AD_ACD, CD_BCD	2	0.00	40955.00

m69	AD, BD, BD_BCD	2	0.00	40955.00
m70	AD, CD, AD_ACD	2	0.00	40955.00
m71	AD, CD, BD_BCD	2	0.00	40955.00
m72	BC, AC_ACD, CD_BCD	2	0.00	40955.00
m73	BD, AD_ACD, BD_BCD	2	0.00	40955.00
m74	BD, CD, BD_BCD	2	0.00	40955.00
m75	AB, AC_ACD, BD_BCD	1	0.00	81910.00
m76	AB, AC_ACD, CD_BCD	1	0.00	81910.00
m77	AB, AD, AC_ACD	1	0.00	81910.00
m78	AB, AD, BC	1	0.00	81910.00
m79	AB, AD, BD_BCD	1	0.00	81910.00
m80	AB, AD, CD	1	0.00	81910.00
m81	AB, AD, CD_BCD	1	0.00	81910.00
m82	AB, BD, AD_ACD	1	0.00	81910.00
m83	AB, BD, BD_BCD	1	0.00	81910.00
m84	AB, CD, AD_ACD	1	0.00	81910.00
m85	AC, AB, BD_BCD	1	0.00	81910.00
m86	AC, AD, BC	1	0.00	81910.00
m87	AC, AD, BD	1	0.00	81910.00
m88	AC, BC, BD	1	0.00	81910.00
m89	AC, BC, BD_BCD	1	0.00	81910.00
m90	AC, BD, CD_BCD	1	0.00	81910.00
m91	AC, CD, AD_ACD	1	0.00	81910.00
m92	AC, CD, BD_BCD	1	0.00	81910.00
m93	AC, CD_BCD, BD_BCD	1	0.00	81910.00
m94	AC_ACD, AD_ACD, BD_BCD	1	0.00	81910.00
m95	AD, AC_ACD, AD_ACD	1	0.00	81910.00
m96	AD, AC_ACD, BD_BCD	1	0.00	81910.00
m97	AD, AC_ACD, CD_BCD	1	0.00	81910.00
m98	AD, AD_ACD, BD_BCD	1	0.00	81910.00
m99	AD, BC, BD_BCD	1	0.00	81910.00
m100	AD, BC, CD	1	0.00	81910.00
m101	AD, BD, AD_ACD	1	0.00	81910.00
m102	AD, BD, CD	1	0.00	81910.00
m103	AD, BD, CD, AD_ACD	1	0.00	81910.00
m104	AD, BD, CD_BCD	1	0.00	81910.00

m105	AD, CD_BCD, BD_BCD	1	0.00	81910.00
m106	AD_ACD, CD_BCD, BD_BCD	1	0.00	81910.00
m107	BC, AC_ACD, BD_BCD	1	0.00	81910.00
m108	BC, BD, AC_ACD	1	0.00	81910.00
m109	BC, BD, AD_ACD	1	0.00	81910.00
m110	BC, BD, CD	1	0.00	81910.00
m111	BC, BD, CD_BCD	1	0.00	81910.00
m112	BC, CD, AD_ACD	1	0.00	81910.00
m113	BC, CD, BD_BCD	1	0.00	81910.00
m114	BD, AC_ACD, AD_ACD	1	0.00	81910.00
m115	BD, AC_ACD, CD_BCD	1	0.00	81910.00
m116	BD, AD_ACD, CD_BCD	1	0.00	81910.00
m117	BD, CD, AD_ACD	1	0.00	81910.00
m118	BD, CD_BCD, BD_BCD	1	0.00	81910.00
m119	CD, AC_ACD, AD_ACD	1	0.00	81910.00
m120	CD, AC_ACD, BD_BCD	1	0.00	81910.00
m121	CD, AC_ACD, CD_BCD	1	0.00	81910.00
m122	CD, AD_ACD, BD_BCD	1	0.00	81910.00
m123	CD, AD_ACD, CD_BCD	1	0.00	81910.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S12: Posterior Model Odds for the smoking cessation example, using the Jackson's model and assuming $\pi_{cons} \sim Beta(157, 44)$ and $\mathbf{R} = \mathbf{g}(\mathbf{Z}'\mathbf{Z})^{-1}\sigma^2$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	81271	0.81	1.00
m2	AD	2191	0.02	37.09
m3	AD_ACD	2009	0.02	40.45
m4	AC	1807	0.02	44.98
m5	BD	1649	0.02	49.29
m6	AB	1630	0.02	49.86
m7	CD	1627	0.02	49.95
m8	AC_ACD	1578	0.02	51.50
m9	BC	1517	0.02	53.57
m10	BD_BCD	1476	0.01	55.06
m11	CD_BCD	1444	0.01	56.28
m12	AD, AC_ACD	60	0.00	1354.52
m13	AD_ACD, BD_BCD	60	0.00	1354.52
m14	AD, AD_ACD	57	0.00	1425.81
m15	AC, AD	56	0.00	1451.27
m16	AD, CD_BCD	55	0.00	1477.65
m17	AD, BC	48	0.00	1693.15
m18	AD_ACD, CD_BCD	48	0.00	1693.15
m19	AB, CD_BCD	47	0.00	1729.17
m20	AC_ACD, CD_BCD	46	0.00	1766.76
m21	AB, AD_ACD	45	0.00	1806.02
m22	AC_ACD, BD_BCD	45	0.00	1806.02
m23	AC, AB	44	0.00	1847.07
m24	AD, BD	43	0.00	1890.02
m25	AC, BD_BCD	42	0.00	1935.02
m26	AC, CD	41	0.00	1982.22
m27	AD, BD_BCD	41	0.00	1982.22
m28	AC, AC_ACD	39	0.00	2083.87
m29	AD, CD	39	0.00	2083.87
m30	AB, CD	38	0.00	2138.71
m31	AC_ACD, AD_ACD	38	0.00	2138.71
m32	BD, AC_ACD	37	0.00	2196.51

m33	AB, AD	36	0.00	2257.53
m34	BC, AD_ACD	36	0.00	2257.53
m35	CD, BD_BCD	36	0.00	2257.53
m36	AB, BC	35	0.00	2322.03
m37	AB, BD_BCD	35	0.00	2322.03
m38	AC, AD_ACD	34	0.00	2390.32
m39	BC, BD_BCD	34	0.00	2390.32
m40	CD, AD_ACD	34	0.00	2390.32
m41	BC, BD	33	0.00	2462.76
m42	BD, BD_BCD	33	0.00	2462.76
m43	CD_BCD, BD_BCD	33	0.00	2462.76
m44	BD, AD_ACD	32	0.00	2539.72
m45	AC, BD	31	0.00	2621.65
m46	BD, CD	31	0.00	2621.65
m47	AB, AC_ACD	30	0.00	2709.03
m48	BC, CD	30	0.00	2709.03
m49	BC, AC_ACD	29	0.00	2802.45
m50	CD, CD_BCD	28	0.00	2902.54
m51	AC, BC	27	0.00	3010.04
m52	AB, BD	26	0.00	3125.81
m53	BC, CD_BCD	25	0.00	3250.84
m54	AC, CD_BCD	24	0.00	3386.29
m55	CD, AC_ACD	21	0.00	3870.05
m56	BD, CD_BCD	20	0.00	4063.55
m57	AD, CD, AC_ACD	6	0.00	13545.17
m58	AB, AD, AD_ACD	4	0.00	20317.75
m59	AC, AB, AD_ACD	3	0.00	27090.33
m60	AD, BD, AD_ACD	3	0.00	27090.33
m61	AD, BD, BD_BCD	3	0.00	27090.33
m62	AD, BD, CD_BCD	3	0.00	27090.33
m63	AB, AD, AC_ACD	2	0.00	40635.50
m64	AB, BC, AC_ACD	2	0.00	40635.50
m65	AB, BD, AC_ACD	2	0.00	40635.50
m66	AB, BD, AD_ACD	2	0.00	40635.50
m67	AC, AB, BD_BCD	2	0.00	40635.50
m68	AC, AC_ACD, AD_ACD	2	0.00	40635.50

m69	AC, AD, BC	2	0.00	40635.50
m70	AC, AD, BD	2	0.00	40635.50
m71	AC, AD, CD	2	0.00	40635.50
m72	AC, BD, AD_ACD	2	0.00	40635.50
m73	AC_ACD, CD_BCD, BD_BCD	2	0.00	40635.50
m74	AD, BC, AD_ACD	2	0.00	40635.50
m75	AD, BC, BD_BCD	2	0.00	40635.50
m76	BC, AC_ACD, CD_BCD	2	0.00	40635.50
m77	BC, CD, BD_BCD	2	0.00	40635.50
m78	BD, CD, AC_ACD	2	0.00	40635.50
m79	AB, AC_ACD, AD_ACD	1	0.00	81271.00
m80	AB, AC_ACD, AD_ACD, BD_BCD	1	0.00	81271.00
m81	AB, AC_ACD, CD_BCD, BD_BCD	1	0.00	81271.00
m82	AB, AD, BC	1	0.00	81271.00
m83	AB, AD, CD	1	0.00	81271.00
m84	AB, AD, CD_BCD	1	0.00	81271.00
m85	AB, AD_ACD, CD_BCD	1	0.00	81271.00
m86	AB, BC, BD	1	0.00	81271.00
m87	AB, BD, AC_ACD, CD_BCD	1	0.00	81271.00
m88	AB, BD, CD	1	0.00	81271.00
m89	AB, BD, CD_BCD	1	0.00	81271.00
m90	AB, CD, AC_ACD	1	0.00	81271.00
m91	AB, CD_BCD, BD_BCD	1	0.00	81271.00
m92	AC, AB, BD	1	0.00	81271.00
m93	AC, AB, CD, AC_ACD	1	0.00	81271.00
m94	AC, AD_ACD, BD_BCD	1	0.00	81271.00
m95	AC, AD_ACD, CD_BCD	1	0.00	81271.00
m96	AC, BC, AC_ACD	1	0.00	81271.00
m97	AC, BC, AD_ACD	1	0.00	81271.00
m98	AC, BC, BD, CD_BCD	1	0.00	81271.00
m99	AC, BD, CD	1	0.00	81271.00
m100	AC, BD, CD_BCD	1	0.00	81271.00
m101	AC, BD, CD_BCD, BD_BCD	1	0.00	81271.00
m102	AC, CD, AC_ACD	1	0.00	81271.00
m103	AC, CD, AD_ACD	1	0.00	81271.00
m104	AC_ACD, AD_ACD, BD_BCD	1	0.00	81271.00

m105	AC_ACD, AD_ACD, CD_BCD	1	0.00	81271.00
m106	AD, AD_ACD, BD_BCD	1	0.00	81271.00
m107	AD, BC, CD_BCD	1	0.00	81271.00
m108	AD, BD, AC_ACD	1	0.00	81271.00
m109	AD, CD, AD_ACD	1	0.00	81271.00
m110	AD, CD_BCD, BD_BCD	1	0.00	81271.00
m111	BC, AC_ACD, AD_ACD	1	0.00	81271.00
m112	BC, AC_ACD, BD_BCD	1	0.00	81271.00
m113	BC, AD_ACD, BD_BCD	1	0.00	81271.00
m114	BC, BD, AC_ACD	1	0.00	81271.00
m115	BC, BD, BD_BCD	1	0.00	81271.00
m116	BC, CD, AD_ACD	1	0.00	81271.00
m117	BC, CD_BCD, BD_BCD	1	0.00	81271.00
m118	BD, AC_ACD, AD_ACD, CD_BCD	1	0.00	81271.00
m119	BD, AC_ACD, CD_BCD	1	0.00	81271.00
m120	BD, AD_ACD, CD_BCD	1	0.00	81271.00
m121	CD, AC_ACD, AD_ACD	1	0.00	81271.00
m122	CD, AD_ACD, BD_BCD	1	0.00	81271.00
m123	CD, CD_BCD, BD_BCD	1	0.00	81271.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S13: Posterior Model Odds for the smoking cessation example, using the design-by-treatment model and assuming $\pi_{cons} = 0.25$ and $\mathbf{R} = \mathbf{I_p}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	31207	0.31	1.00
m2	AD_ACD	8787	0.09	3.55
m3	AC_ACD	6491	0.06	4.81
m4	BD	5828	0.06	5.35
m5	BC	5295	0.05	5.89
m6	BD_BCD	4657	0.05	6.70
m7	CD	4475	0.04	6.97
m8	CD_BCD	4410	0.04	7.08
m9	BD, AD_ACD	1588	0.02	19.65
m10	BC, AD_ACD	1532	0.02	20.37
m11	AC_ACD, AD_ACD	1489	0.01	20.96
m12	AD_ACD, BD_BCD	1363	0.01	22.90
m13	CD, AD_ACD	1345	0.01	23.20
m14	AD_ACD, CD_BCD	1255	0.01	24.87
m15	BD, AC_ACD	1157	0.01	26.97
m16	BC, AC_ACD	1071	0.01	29.14
m17	BC, BD	963	0.01	32.41
m18	AC_ACD, BD_BCD	931	0.01	33.52
m19	AC_ACD, CD_BCD	899	0.01	34.71
m20	CD, AC_ACD	883	0.01	35.34
m21	BD, BD_BCD	878	0.01	35.54
m22	BC, BD_BCD	855	0.01	36.50
m23	BD, CD_BCD	848	0.01	36.80
m24	BD, CD	846	0.01	36.89
m25	BC, CD_BCD	768	0.01	40.63
m26	BC, CD	743	0.01	42.00
m27	CD_BCD, BD_BCD	728	0.01	42.87
m28	CD, BD_BCD	668	0.01	46.72
m29	CD, CD_BCD	661	0.01	47.21
m30	BC, AC_ACD, AD_ACD	260	0.00	120.03
m31	BC, AD_ACD, BD_BCD	258	0.00	120.96
m32	BD, AC_ACD, AD_ACD	254	0.00	122.86

m33	BC, BD, AD_ACD	252	0.00	123.84
m34	BD, CD, AD_ACD	251	0.00	124.33
m35	BD, AD_ACD, BD_BCD	250	0.00	124.83
m36	CD, AC_ACD, AD_ACD	241	0.00	129.49
m37	AD_ACD, CD_BCD, BD_BCD	229	0.00	136.28
m38	AC_ACD, AD_ACD, BD_BCD	218	0.00	143.15
m39	BD, AD_ACD, CD_BCD	202	0.00	154.49
m40	CD, AD_ACD, CD_BCD	198	0.00	157.61
m41	BC, AD_ACD, CD_BCD	197	0.00	158.41
m42	CD, AD_ACD, BD_BCD	196	0.00	159.22
m43	AC_ACD, AD_ACD, CD_BCD	190	0.00	164.25
m44	BD, AC_ACD, CD_BCD	177	0.00	176.31
m45	BC, CD, AD_ACD	176	0.00	177.31
m46	BD, AC_ACD, BD_BCD	175	0.00	178.33
m47	AC_ACD, CD_BCD, BD_BCD	173	0.00	180.39
m48	BC, AC_ACD, BD_BCD	172	0.00	181.44
m49	BC, BD, AC_ACD	171	0.00	182.50
m50	BC, AC_ACD, CD_BCD	160	0.00	195.04
m51	BC, BD, CD_BCD	156	0.00	200.04
m52	BD, CD, AC_ACD	154	0.00	202.64
m53	BC, BD, CD	153	0.00	203.97
m54	CD, AC_ACD, CD_BCD	144	0.00	216.72
m55	BC, BD, BD_BCD	143	0.00	218.23
m56	BC, CD_BCD, BD_BCD	133	0.00	234.64
m57	BC, CD, AC_ACD	132	0.00	236.42
m58	CD, AC_ACD, BD_BCD	131	0.00	238.22
m59	BD, CD_BCD, BD_BCD	125	0.00	249.66
m60	BD, CD, CD_BCD	124	0.00	251.67
m61	BD, CD, BD_BCD	123	0.00	253.72
m62	BC, CD, CD_BCD	118	0.00	264.47
m63	BC, CD, BD_BCD	107	0.00	291.65
m64	CD, CD_BCD, BD_BCD	98	0.00	318.44
m65	BC, BD, AC_ACD, AD_ACD	45	0.00	693.49
m66	BD, CD, AD_ACD, BD_BCD	45	0.00	693.49
m67	BC, CD, AD_ACD, CD_BCD	41	0.00	761.15
m68	BC, BD, AD_ACD, CD_BCD	39	0.00	800.18

m69	BC, BD, AD_ACD, BD_BCD	38	0.00	821.24
m70	BC, CD, AC_ACD, AD_ACD	38	0.00	821.24
m71	BD, CD, AC_ACD, AD_ACD	38	0.00	821.24
m72	BC, AC_ACD, AD_ACD, BD_BCD	37	0.00	843.43
m73	BD, CD, AC_ACD, CD_BCD	36	0.00	866.86
m74	BC, AD_ACD, CD_BCD, BD_BCD	34	0.00	917.85
m75	BC, BD, AC_ACD, BD_BCD	34	0.00	917.85
m76	BD, AC_ACD, AD_ACD, BD_BCD	34	0.00	917.85
m77	BC, AC_ACD, AD_ACD, CD_BCD	33	0.00	945.67
m78	BD, AD_ACD, CD_BCD, BD_BCD	32	0.00	975.22
m79	AC_ACD, AD_ACD, CD_BCD, BD_BCD	29	0.00	1076.10
m80	BD, AC_ACD, AD_ACD, CD_BCD	29	0.00	1076.10
m81	BC, BD, AC_ACD, CD_BCD	28	0.00	1114.54
m82	CD, AD_ACD, CD_BCD, BD_BCD	28	0.00	1114.54
m83	BD, CD, AD_ACD, CD_BCD	27	0.00	1155.81
m84	CD, AC_ACD, AD_ACD, BD_BCD	27	0.00	1155.81
m85	CD, AC_ACD, AD_ACD, CD_BCD	27	0.00	1155.81
m86	BC, BD, CD, AC_ACD	26	0.00	1200.27
m87	BC, CD, AC_ACD, CD_BCD	25	0.00	1248.28
m88	BC, AC_ACD, CD_BCD, BD_BCD	24	0.00	1300.29
m89	BC, BD, CD, CD_BCD	23	0.00	1356.83
m90	BC, CD, AC_ACD, BD_BCD	23	0.00	1356.83
m91	BC, CD, AD_ACD, BD_BCD	23	0.00	1356.83
m92	BC, CD, CD_BCD, BD_BCD	23	0.00	1356.83
m93	BD, AC_ACD, CD_BCD, BD_BCD	23	0.00	1356.83
m94	BC, BD, CD, AD_ACD	22	0.00	1418.50
m95	BC, BD, CD, BD_BCD	20	0.00	1560.35
m96	CD, AC_ACD, CD_BCD, BD_BCD	19	0.00	1642.47
m97	BD, CD, AC_ACD, BD_BCD	18	0.00	1733.72
m98	BD, CD, CD_BCD, BD_BCD	18	0.00	1733.72
m99	BC, BD, CD_BCD, BD_BCD	16	0.00	1950.44
m100	BC, BD, AD_ACD, CD_BCD, BD_BCD	9	0.00	3467.44
m101	BD, CD, AD_ACD, CD_BCD, BD_BCD	8	0.00	3900.88
m102	BC, BD, AC_ACD, AD_ACD, BD_BCD	7	0.00	4458.14
m103	BC, BD, CD, AC_ACD, BD_BCD	7	0.00	4458.14
m104	BC, BD, CD, AD_ACD, CD_BCD	7	0.00	4458.14

m105	BC, BD, CD, CD_BCD, BD_BCD	7	0.00	4458.14
m106	CD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	7	0.00	4458.14
m107	BC, BD, AC_ACD, AD_ACD, CD_BCD	6	0.00	5201.17
m108	BC, CD, AC_ACD, AD_ACD, CD_BCD	6	0.00	5201.17
m109	BC, AC_ACD, AD_ACD, CD_BCD, BD_BCD	5	0.00	6241.40
m110	BC, BD, AC_ACD, CD_BCD, BD_BCD	5	0.00	6241.40
m111	BC, BD, CD, AC_ACD, CD_BCD	5	0.00	6241.40
m112	BD, CD, AC_ACD, AD_ACD, BD_BCD	5	0.00	6241.40
m113	BC, BD, CD, AC_ACD, AD_ACD	4	0.00	7801.75
m114	BC, BD, CD, AD_ACD, BD_BCD	4	0.00	7801.75
m115	BD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	4	0.00	7801.75
m116	BD, CD, AC_ACD, AD_ACD, CD_BCD	4	0.00	7801.75
m117	BD, CD, AC_ACD, CD_BCD, BD_BCD	4	0.00	7801.75
m118	BC, CD, AC_ACD, AD_ACD, BD_BCD	3	0.00	10402.33
m119	BC, CD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	2	0.00	15603.50
m120	BC, CD, AC_ACD, CD_BCD, BD_BCD	2	0.00	15603.50
m121	BC, BD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	1	0.00	31207.00
m122	BC, BD, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	31207.00
m123	BC, BD, CD, AC_ACD, AD_ACD, CD_BCD	1	0.00	31207.00
m124	BC, BD, CD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	1	0.00	31207.00
m125	BD, CD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	1	0.00	31207.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S14: Posterior Model Odds for the smoking cessation example, using the design-by-treatment model and assuming $\pi_{cons} = 0.25$ and $\mathbf{R} = \mathbf{g}(\mathbf{Z}'\mathbf{Z})^{-1}\sigma^2$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	30632	0.31	1.00
m2	AD_ACD	6502	0.07	4.71
m3	AC_ACD	5479	0.05	5.59
m4	BD	5397	0.05	5.68
m5	CD	5307	0.05	5.77
m6	BC	5173	0.05	5.92
m7	BD_BCD	5011	0.05	6.11
m8	CD_BCD	4926	0.05	6.22
m9	AC_ACD, AD_ACD	1237	0.01	24.76
m10	AD_ACD, BD_BCD	1222	0.01	25.07
m11	BC, AD_ACD	1215	0.01	25.21
m12	BD, AD_ACD	1206	0.01	25.40
m13	CD, AD_ACD	1195	0.01	25.63
m14	AD_ACD, CD_BCD	1137	0.01	26.94
m15	BD, AC_ACD	1055	0.01	29.04
m16	AC_ACD, BD_BCD	1044	0.01	29.34
m17	BC, CD	1040	0.01	29.45
m18	BD, CD	1034	0.01	29.62
m19	BD, BD_BCD	1006	0.01	30.45
m20	CD, CD_BCD	1006	0.01	30.45
m21	BC, AC_ACD	1002	0.01	30.57
m22	BC, BD	1001	0.01	30.60
m23	AC_ACD, CD_BCD	1000	0.01	30.63
m24	BC, BD_BCD	989	0.01	30.97
m25	BC, CD_BCD	983	0.01	31.16
m26	CD, AC_ACD	973	0.01	31.48
m27	CD, BD_BCD	951	0.01	32.21
m28	BD, CD_BCD	948	0.01	32.31
m29	CD_BCD, BD_BCD	882	0.01	34.73
m30	AC_ACD, AD_ACD, CD_BCD	251	0.00	122.04
m31	BD, CD, AC_ACD	243	0.00	126.06
m32	BC, AC_ACD, AD_ACD	241	0.00	127.10

m33	BC, BD, AD_ACD	240	0.00	127.63
m34	BC, CD, AD_ACD	240	0.00	127.63
m35	BD, CD, AD_ACD	232	0.00	132.03
m36	CD, AD_ACD, BD_BCD	232	0.00	132.03
m37	BD, AC_ACD, AD_ACD	231	0.00	132.61
m38	CD, AD_ACD, CD_BCD	231	0.00	132.61
m39	BC, AC_ACD, CD_BCD	230	0.00	133.18
m40	BD, AD_ACD, CD_BCD	230	0.00	133.18
m41	BC, CD, AC_ACD	229	0.00	133.76
m42	BD, CD, BD_BCD	226	0.00	135.54
m43	AC_ACD, AD_ACD, BD_BCD	224	0.00	136.75
m44	AD_ACD, CD_BCD, BD_BCD	224	0.00	136.75
m45	BC, AD_ACD, CD_BCD	224	0.00	136.75
m46	BD, AD_ACD, BD_BCD	224	0.00	136.75
m47	BC, AD_ACD, BD_BCD	222	0.00	137.98
m48	BC, BD, AC_ACD	221	0.00	138.61
m49	BC, AC_ACD, BD_BCD	216	0.00	141.81
m50	CD, AC_ACD, AD_ACD	216	0.00	141.81
m51	BC, CD, BD_BCD	214	0.00	143.14
m52	BC, BD, CD	210	0.00	145.87
m53	BD, AC_ACD, BD_BCD	210	0.00	145.87
m54	AC_ACD, CD_BCD, BD_BCD	208	0.00	147.27
m55	BC, CD_BCD, BD_BCD	205	0.00	149.42
m56	BD, CD, CD_BCD	205	0.00	149.42
m57	CD, AC_ACD, BD_BCD	204	0.00	150.16
m58	CD, CD_BCD, BD_BCD	202	0.00	151.64
m59	CD, AC_ACD, CD_BCD	198	0.00	154.71
m60	BC, BD, BD_BCD	197	0.00	155.49
m61	BC, BD, CD_BCD	194	0.00	157.90
m62	BD, AC_ACD, CD_BCD	194	0.00	157.90
m63	BD, CD_BCD, BD_BCD	179	0.00	171.13
m64	BC, CD, CD_BCD	176	0.00	174.05
m65	BC, BD, CD_BCD, BD_BCD	59	0.00	519.19
m66	BD, AC_ACD, AD_ACD, CD_BCD	58	0.00	528.14
m67	CD, AC_ACD, AD_ACD, CD_BCD	57	0.00	537.40
m68	BC, AC_ACD, AD_ACD, CD_BCD	54	0.00	567.26

m69	BC, BD, AC_ACD, AD_ACD	54	0.00	567.26
m70	BC, AC_ACD, AD_ACD, BD_BCD	53	0.00	577.96
m71	BC, CD, AC_ACD, BD_BCD	53	0.00	577.96
m72	BD, AD_ACD, CD_BCD, BD_BCD	53	0.00	577.96
m73	BD, CD, AC_ACD, CD_BCD	52	0.00	589.08
m74	BD, CD, AD_ACD, BD_BCD	51	0.00	600.63
m75	BC, BD, CD, AC_ACD	50	0.00	612.64
m76	BC, BD, AD_ACD, CD_BCD	49	0.00	625.14
m77	BC, BD, CD, AD_ACD	49	0.00	625.14
m78	BD, AC_ACD, AD_ACD, BD_BCD	49	0.00	625.14
m79	BC, AD_ACD, CD_BCD, BD_BCD	48	0.00	638.17
m80	BC, BD, AC_ACD, CD_BCD	48	0.00	638.17
m81	BD, CD, AD_ACD, CD_BCD	47	0.00	651.74
m82	CD, AC_ACD, CD_BCD, BD_BCD	46	0.00	665.91
m83	BD, AC_ACD, CD_BCD, BD_BCD	45	0.00	680.71
m84	CD, AD_ACD, CD_BCD, BD_BCD	45	0.00	680.71
m85	BC, BD, AC_ACD, BD_BCD	43	0.00	712.37
m86	BC, CD, AD_ACD, CD_BCD	43	0.00	712.37
m87	CD, AC_ACD, AD_ACD, BD_BCD	43	0.00	712.37
m88	BC, BD, AD_ACD, BD_BCD	42	0.00	729.33
m89	AC_ACD, AD_ACD, CD_BCD, BD_BCD	41	0.00	747.12
m90	BC, BD, CD, CD_BCD	41	0.00	747.12
m91	BC, CD, AC_ACD, AD_ACD	41	0.00	747.12
m92	BC, AC_ACD, CD_BCD, BD_BCD	40	0.00	765.80
m93	BC, CD, AC_ACD, CD_BCD	39	0.00	785.44
m94	BC, BD, CD, BD_BCD	38	0.00	806.11
m95	BD, CD, AC_ACD, AD_ACD	38	0.00	806.11
m96	BC, CD, AD_ACD, BD_BCD	37	0.00	827.89
m97	BD, CD, CD_BCD, BD_BCD	37	0.00	827.89
m98	BD, CD, AC_ACD, BD_BCD	34	0.00	900.94
m99	BC, CD, CD_BCD, BD_BCD	31	0.00	988.13
m100	BC, AC_ACD, AD_ACD, CD_BCD, BD_BCD	14	0.00	2188.00
m101	BC, BD, AC_ACD, AD_ACD, BD_BCD	13	0.00	2356.31
m102	BC, BD, AC_ACD, AD_ACD, CD_BCD	12	0.00	2552.67
m103	BC, BD, CD, AD_ACD, BD_BCD	12	0.00	2552.67
m104	BC, BD, CD, CD_BCD, BD_BCD	12	0.00	2552.67

m105	BD, CD, AC_ACD, AD_ACD, BD_BCD	12	0.00	2552.67
m106	BD, CD, AD_ACD, CD_BCD, BD_BCD	12	0.00	2552.67
m107	BC, BD, CD, AD_ACD, CD_BCD	11	0.00	2784.73
m108	BC, BD, AD_ACD, CD_BCD, BD_BCD	10	0.00	3063.20
m109	BC, CD, AC_ACD, AD_ACD, CD_BCD	10	0.00	3063.20
m110	BC, CD, AC_ACD, CD_BCD, BD_BCD	10	0.00	3063.20
m111	BC, BD, CD, AC_ACD, BD_BCD	9	0.00	3403.56
m112	BC, BD, CD, AC_ACD, CD_BCD	9	0.00	3403.56
m113	BC, BD, AC_ACD, CD_BCD, BD_BCD	8	0.00	3829.00
m114	BC, BD, CD, AC_ACD, AD_ACD	8	0.00	3829.00
m115	BD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	8	0.00	3829.00
m116	BD, CD, AC_ACD, CD_BCD, BD_BCD	8	0.00	3829.00
m117	BC, CD, AD_ACD, CD_BCD, BD_BCD	7	0.00	4376.00
m118	CD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	7	0.00	4376.00
m119	BC, CD, AC_ACD, AD_ACD, BD_BCD	6	0.00	5105.33
m120	BC, BD, CD, AD_ACD, CD_BCD, BD_BCD	5	0.00	6126.40
m121	BC, BD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	3	0.00	10210.67
m122	BC, BD, CD, AC_ACD, AD_ACD, BD_BCD	3	0.00	10210.67
m123	BD, CD, AC_ACD, AD_ACD, CD_BCD	3	0.00	10210.67
m124	BC, BD, CD, AC_ACD, AD_ACD, CD_BCD	2	0.00	15316.00
m125	BC, BD, CD, AC_ACD, CD_BCD, BD_BCD	2	0.00	15316.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S15: Posterior Model Odds for the smoking cessation example, using the Lu & Ades model and assuming $\pi_{cons} = 0.25 \sim Beta(157, 44)$ and $\mathbf{R} = \mathbf{I_p}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m2	CD	18780	0.19	1.66
m3	BC	13114	0.13	2.37
m4	BD	12856	0.13	2.42
m5	BD, CD	8432	0.08	3.69
m6	BC, CD	6985	0.07	4.46
m7	BC, BD	5395	0.05	5.77
m8	BC, BD, CD	3293	0.03	9.46

S16: Posterior Model Odds for the smoking cessation example, using the Lu & Ades model and assuming $\pi_{cons} = 0.25$ and $\mathbf{R} = \mathbf{g}(\mathbf{Z}'\mathbf{Z})^{-\mathbf{1}}\sigma^{\mathbf{2}}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m2	CD	15906	0.16	2.01
m3	BD	13024	0.13	2.45
m4	BC	13014	0.13	2.46
m5	BD, CD	8037	0.08	3.98
m6	BC, CD	7454	0.07	4.29
m7	BC, BD	6596	0.07	4.84
m8	BC, BD, CD	4019	0.04	7.95

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

S17: Posterior Model Odds for the smoking cessation example, using the Jackson's model and assuming $\pi_{cons} = 0.25$ and $\mathbf{R} = \mathbf{I_p}$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	31939	0.32	1.00
m2	AD_ACD	6127	0.06	5.21
m3	AD	5600	0.06	5.70
m4	AC_ACD	4343	0.04	7.35
m5	BD	3875	0.04	8.24
m6	BC	3766	0.04	8.48
m7	BD_BCD	3308	0.03	9.66
m8	CD_BCD	3152	0.03	10.13
m9	CD	3074	0.03	10.39
m10	AB	2983	0.03	10.71
m11	AC	2566	0.03	12.45
m12	AD, AD_ACD	1058	0.01	30.19
m13	BD, AD_ACD	773	0.01	41.32
m14	AD, AC_ACD	757	0.01	42.19
m15	AD, BD	725	0.01	44.05
m16	AC_ACD, AD_ACD	702	0.01	45.50
m17	AD, BC	689	0.01	46.36
m18	BC, AD_ACD	686	0.01	46.56
m19	AD_ACD, BD_BCD	631	0.01	50.62
m20	AD_ACD, CD_BCD	604	0.01	52.88
m21	AD, BD_BCD	597	0.01	53.50
m22	AB, AD_ACD	575	0.01	55.55
m23	BD, AC_ACD	571	0.01	55.94
m24	CD, AD_ACD	560	0.01	57.03
m25	AD, CD_BCD	545	0.01	58.60
m26	AD, CD	544	0.01	58.71
m27	AB, AD	521	0.01	61.30
m28	BC, AC_ACD	478	0.00	66.82
m29	BC, BD	472	0.00	67.67
m30	AC, AD_ACD	469	0.00	68.10
m31	AC, AD	464	0.00	68.83
m32	AC_ACD, BD_BCD	439	0.00	72.75

m33	BD, BD_BCD	435	0.00	73.42
m34	CD, AC_ACD	434	0.00	73.59
m35	AC_ACD, CD_BCD	409	0.00	78.09
m36	AB, AC_ACD	404	0.00	79.06
m37	BC, BD_BCD	401	0.00	79.65
m38	AB, BD	400	0.00	79.85
m39	BD, CD_BCD	398	0.00	80.25
m40	AC, AC_ACD	369	0.00	86.56
m41	CD_BCD, BD_BCD	360	0.00	88.72
m42	BD, CD	359	0.00	88.97
m43	CD, BD_BCD	350	0.00	91.25
m44	BC, CD_BCD	346	0.00	92.31
m45	AB, BC	333	0.00	95.91
m46	BC, CD	328	0.00	97.38
m47	AC, BC	319	0.00	100.12
m48	AB, CD_BCD	313	0.00	102.04
m49	CD, CD_BCD	309	0.00	103.36
m50	AC, BD	299	0.00	106.82
m51	AB, CD	289	0.00	110.52
m52	AB, BD_BCD	288	0.00	110.90
m53	AC, CD	276	0.00	115.72
m54	AC, BD_BCD	268	0.00	119.18
m55	AC, AB	251	0.00	127.25
m56	AC, CD_BCD	223	0.00	143.22
m57	AD, BC, AD_ACD	122	0.00	261.80
m58	AD, AC_ACD, AD_ACD	120	0.00	266.16
m59	AD, BD, AD_ACD	110	0.00	290.35
m60	AD, BD, AC_ACD	109	0.00	293.02
m61	AD, CD, AD_ACD	107	0.00	298.50
m62	AD, BC, AC_ACD	106	0.00	301.31
m63	AB, AD, AD_ACD	103	0.00	310.09
m64	AD, AD_ACD, BD_BCD	103	0.00	310.09
m65	AD, AD_ACD, CD_BCD	96	0.00	332.70
m66	AB, AD, AC_ACD	89	0.00	358.87
m67	AD, AC_ACD, BD_BCD	88	0.00	362.94
m68	AD, BC, BD_BCD	86	0.00	371.38

m69	BC, AD_ACD, BD_BCD	86	0.00	371.38
m70	AD, BC, BD	84	0.00	380.23
m71	AC, AD, AD_ACD	83	0.00	384.81
m72	BC, AC_ACD, AD_ACD	83	0.00	384.81
m73	AD, BC, CD	82	0.00	389.50
m74	AD, AC_ACD, CD_BCD	78	0.00	409.47
m75	AD, CD, AC_ACD	78	0.00	409.47
m76	BC, BD, AD_ACD	76	0.00	420.25
m77	BD, AD_ACD, CD_BCD	75	0.00	425.85
m78	AB, BD, AD_ACD	72	0.00	443.60
m79	BD, AD_ACD, BD_BCD	70	0.00	456.27
m80	BC, BD, AC_ACD	69	0.00	462.88
m81	AC, AD, AC_ACD	68	0.00	469.69
m82	AC_ACD, AD_ACD, BD_BCD	68	0.00	469.69
m83	AB, AC_ACD, AD_ACD	67	0.00	476.70
m84	CD, AC_ACD, AD_ACD	67	0.00	476.70
m85	AC, AC_ACD, AD_ACD	66	0.00	483.92
m86	AD_ACD, CD_BCD, BD_BCD	66	0.00	483.92
m87	BC, AC_ACD, BD_BCD	66	0.00	483.92
m88	CD, AD_ACD, BD_BCD	65	0.00	491.37
m89	AD, BD, CD	63	0.00	506.97
m90	BC, CD, AD_ACD	62	0.00	515.15
m91	BD, AC_ACD, AD_ACD	62	0.00	515.15
m92	AB, AD, BC	61	0.00	523.59
m93	AB, AD, BD	61	0.00	523.59
m94	AB, BC, AD_ACD	61	0.00	523.59
m95	AD, CD, BD_BCD	60	0.00	532.32
m96	AC, AB, AD_ACD	59	0.00	541.34
m97	AC_ACD, AD_ACD, CD_BCD	59	0.00	541.34
m98	AD, BC, CD_BCD	59	0.00	541.34
m99	AD, BD, CD_BCD	58	0.00	550.67
m100	AC, AB, AD	57	0.00	560.33
m101	AC, AD, BD	57	0.00	560.33
m102	AC, BD, AD_ACD	57	0.00	560.33
m103	AB, BD, AC_ACD	56	0.00	570.34
m104	AD, BD, BD_BCD	56	0.00	570.34

m105	AD, CD, CD_BCD	56	0.00	570.34
m106	AB, AD, CD	55	0.00	580.71
m107	AB, AD_ACD, CD_BCD	55	0.00	580.71
m108	AC, AD, BC	55	0.00	580.71
m109	AC, BD, AC_ACD	55	0.00	580.71
m110	AD, CD_BCD, BD_BCD	55	0.00	580.71
m111	BC, AC_ACD, CD_BCD	55	0.00	580.71
m112	BC, AD_ACD, CD_BCD	54	0.00	591.46
m113	BD, CD, AD_ACD	54	0.00	591.46
m114	AC, AD, CD_BCD	53	0.00	602.62
m115	BD, AC_ACD, BD_BCD	53	0.00	602.62
m116	BC, BD, BD_BCD	52	0.00	614.21
m117	AB, BC, AC_ACD	51	0.00	626.25
m118	AB, CD, AC_ACD	51	0.00	626.25
m119	CD, AC_ACD, CD_BCD	51	0.00	626.25
m120	AB, AD_ACD, BD_BCD	50	0.00	638.78
m121	AB, CD, AD_ACD	50	0.00	638.78
m122	AC, BC, AD_ACD	50	0.00	638.78
m123	AC, AB, BD	49	0.00	651.82
m124	AC, AD, BD_BCD	49	0.00	651.82
m125	BC, BD, CD	49	0.00	651.82
m126	BC, BD, CD_BCD	49	0.00	651.82
m127	BC, CD, AC_ACD	49	0.00	651.82
m128	AB, AD, CD_BCD	47	0.00	679.55
m129	AC_ACD, CD_BCD, BD_BCD	46	0.00	694.33
m130	BD, AC_ACD, CD_BCD	46	0.00	694.33
m131	AB, AC_ACD, BD_BCD	45	0.00	709.76
m132	BD, CD_BCD, BD_BCD	45	0.00	709.76
m133	CD, AD_ACD, CD_BCD	45	0.00	709.76
m134	AB, BD, CD_BCD	44	0.00	725.89
m135	AC, AD_ACD, BD_BCD	44	0.00	725.89
m136	AC, CD, AD_ACD	44	0.00	725.89
m137	AB, AC_ACD, CD_BCD	43	0.00	742.77
m138	AB, BD, BD_BCD	43	0.00	742.77
m139	AC, AC_ACD, BD_BCD	43	0.00	742.77
m140	CD, CD_BCD, BD_BCD	43	0.00	742.77

m141	BD, CD, BD_BCD	42	0.00	760.45
m142	AB, BD, CD	41	0.00	779.00
m143	AB, CD, CD_BCD	41	0.00	779.00
m144	AC, AB, AC_ACD	41	0.00	779.00
m145	BD, CD, AC_ACD	40	0.00	798.48
m146	CD, AC_ACD, BD_BCD	40	0.00	798.48
m147	AC, AD_ACD, CD_BCD	38	0.00	840.50
m148	AC, BD, BD_BCD	38	0.00	840.50
m149	AB, CD, BD_BCD	37	0.00	863.22
m150	AC, BC, AC_ACD	36	0.00	887.19
m151	AC, BC, BD	36	0.00	887.19
m152	BD, CD, CD_BCD	35	0.00	912.54
m153	AB, AD, BD_BCD	34	0.00	939.38
m154	AB, CD_BCD, BD_BCD	34	0.00	939.38
m155	AC, BD, CD_BCD	34	0.00	939.38
m156	BC, CD, BD_BCD	34	0.00	939.38
m157	AB, BC, CD_BCD	33	0.00	967.85
m158	AC, AD, CD	33	0.00	967.85
m159	AB, BC, BD	32	0.00	998.09
m160	AB, BC, BD_BCD	32	0.00	998.09
m161	AC, CD, BD_BCD	32	0.00	998.09
m162	AB, BC, CD	31	0.00	1030.29
m163	AC, AB, BC	31	0.00	1030.29
m164	AC, BC, CD	31	0.00	1030.29
m165	AC, BD, CD	31	0.00	1030.29
m166	BC, CD, CD_BCD	31	0.00	1030.29
m167	AC, AB, BD_BCD	30	0.00	1064.63
m168	AC, AB, CD	30	0.00	1064.63
m169	AC, AC_ACD, CD_BCD	29	0.00	1101.34
m170	AC, BC, CD_BCD	29	0.00	1101.34
m171	AC, BC, BD_BCD	28	0.00	1140.68
m172	AC, CD, CD_BCD	27	0.00	1182.93
m173	AC, CD_BCD, BD_BCD	27	0.00	1182.93
m174	AC, AB, CD_BCD	26	0.00	1228.42
m175	AC, CD, AC_ACD	26	0.00	1228.42
m176	AD, BD, AC_ACD, AD_ACD	18	0.00	1774.39

m177	AB, AD, AC_ACD, AD_ACD	17	0.00	1878.76
m178	AD, BC, AC_ACD, CD_BCD	17	0.00	1878.76
m179	AD, CD, AC_ACD, AD_ACD	17	0.00	1878.76
m180	BC, CD_BCD, BD_BCD	17	0.00	1878.76
m181	AC, AD, AD_ACD, BD_BCD	16	0.00	1996.19
m182	AD, AC_ACD, AD_ACD, BD_BCD	16	0.00	1996.19
m183	AD, BD, AD_ACD, BD_BCD	16	0.00	1996.19
m184	AC, AD, BD, AD_ACD	15	0.00	2129.27
m185	AD, BC, AC_ACD, BD_BCD	15	0.00	2129.27
m186	AD, BD, AD_ACD, CD_BCD	15	0.00	2129.27
m187	AD, BD, CD, AD_ACD	15	0.00	2129.27
m188	AD, BC, AD_ACD, CD_BCD	14	0.00	2281.36
m189	AD, BC, BD, AD_ACD	14	0.00	2281.36
m190	BC, AD_ACD, CD_BCD, BD_BCD	14	0.00	2281.36
m191	AD, AD_ACD, CD_BCD, BD_BCD	13	0.00	2456.85
m192	AD, BC, BD, AC_ACD	13	0.00	2456.85
m193	AD, BD, CD, AC_ACD	13	0.00	2456.85
m194	BC, CD, AC_ACD, AD_ACD	13	0.00	2456.85
m195	AB, AD, BC, BD	12	0.00	2661.58
m196	AB, BD, AC_ACD, AD_ACD	12	0.00	2661.58
m197	AC, AD, BC, AC_ACD	12	0.00	2661.58
m198	AC_ACD, AD_ACD, CD_BCD, BD_BCD	12	0.00	2661.58
m199	AB, AD, BD, AD_ACD	11	0.00	2903.55
m200	AB, BC, AC_ACD, AD_ACD	11	0.00	2903.55
m201	AC, AD, BC, AD_ACD	11	0.00	2903.55
m202	AC, AD, BD, AC_ACD	11	0.00	2903.55
m203	AD, BC, BD, BD_BCD	11	0.00	2903.55
m204	AD, BC, BD, CD	11	0.00	2903.55
m205	AD, CD, AD_ACD, CD_BCD	11	0.00	2903.55
m206	BC, AC_ACD, AD_ACD, CD_BCD	11	0.00	2903.55
m207	AB, AD, AD_ACD, BD_BCD	10	0.00	3193.90
m208	AB, AD, BC, CD	10	0.00	3193.90
m209	AB, AD, BD, BD_BCD	10	0.00	3193.90
m210	AC, AD, BD, BD_BCD	10	0.00	3193.90
m211	AD, BC, AD_ACD, BD_BCD	10	0.00	3193.90
m212	BC, BD, AC_ACD, AD_ACD	10	0.00	3193.90

m213	BC, BD, AD_ACD, CD_BCD	10	0.00	3193.90
m214	BD, CD, AD_ACD, CD_BCD	10	0.00	3193.90
m215	AB, AD, AC_ACD, CD_BCD	9	0.00	3548.78
m216	AB, AD, BC, AC_ACD	9	0.00	3548.78
m217	AB, AD, BC, AD_ACD	9	0.00	3548.78
m218	AB, BD, CD, AD_ACD	9	0.00	3548.78
m219	AC, AB, AD_ACD, BD_BCD	9	0.00	3548.78
m220	AC, AB, BD, AD_ACD	9	0.00	3548.78
m221	AC, AD, BC, BD	9	0.00	3548.78
m222	AC, AD, CD, AC_ACD	9	0.00	3548.78
m223	AC, BC, CD, AD_ACD	9	0.00	3548.78
m224	AC, BD, AD_ACD, BD_BCD	9	0.00	3548.78
m225	AD, BC, CD_BCD, BD_BCD	9	0.00	3548.78
m226	AD, BD, AC_ACD, CD_BCD	9	0.00	3548.78
m227	AD, BD, CD, BD_BCD	9	0.00	3548.78
m228	AD, CD, AD_ACD, BD_BCD	9	0.00	3548.78
m229	BC, BD, AD_ACD, BD_BCD	9	0.00	3548.78
m230	BC, BD, CD, BD_BCD	9	0.00	3548.78
m231	BD, CD, AD_ACD, BD_BCD	9	0.00	3548.78
m232	CD, AD_ACD, CD_BCD, BD_BCD	9	0.00	3548.78
m233	AB, AD, BC, BD_BCD	8	0.00	3992.37
m234	AB, AD, BD, AC_ACD	8	0.00	3992.37
m235	AB, AD, CD, AC_ACD	8	0.00	3992.37
m236	AB, AD, CD_BCD, BD_BCD	8	0.00	3992.37
m237	AB, BC, AD_ACD, CD_BCD	8	0.00	3992.37
m238	AB, BD, AD_ACD, CD_BCD	8	0.00	3992.37
m239	AB, BD, CD, AC_ACD	8	0.00	3992.37
m240	AC, AB, AC_ACD, AD_ACD	8	0.00	3992.37
m241	AC, AB, CD, AD_ACD	8	0.00	3992.37
m242	AC, AD, AC_ACD, BD_BCD	8	0.00	3992.37
m243	AC, AD, BC, CD	8	0.00	3992.37
m244	AC, AD, BD, CD	8	0.00	3992.37
m245	AC, BC, AC_ACD, AD_ACD	8	0.00	3992.37
m246	AC, BC, AC_ACD, BD_BCD	8	0.00	3992.37
m247	AC, CD, AD_ACD, CD_BCD	8	0.00	3992.37
m248	AD, AC_ACD, AD_ACD, CD_BCD	8	0.00	3992.37

m249	AD, BC, AC_ACD, AD_ACD	8	0.00	3992.37
m250	AD, BC, CD, AD_ACD	8	0.00	3992.37
m251	AD, BC, CD, CD_BCD	8	0.00	3992.37
m252	BC, CD, AD_ACD, BD_BCD	8	0.00	3992.37
m253	BD, CD, AC_ACD, AD_ACD	8	0.00	3992.37
m254	CD, AC_ACD, AD_ACD, BD_BCD	8	0.00	3992.37
m255	AB, AD, BD, CD_BCD	7	0.00	4562.71
m256	AB, AD, CD, AD_ACD	7	0.00	4562.71
m257	AB, BC, AD_ACD, BD_BCD	7	0.00	4562.71
m258	AB, BC, BD, AD_ACD	7	0.00	4562.71
m259	AB, CD, AC_ACD, CD_BCD	7	0.00	4562.71
m260	AC, AC_ACD, AD_ACD, BD_BCD	7	0.00	4562.71
m261	AC, AD, CD, CD_BCD	7	0.00	4562.71
m262	AC, BC, AD_ACD, BD_BCD	7	0.00	4562.71
m263	AD, AC_ACD, CD_BCD, BD_BCD	7	0.00	4562.71
m264	AD, BC, BD, CD_BCD	7	0.00	4562.71
m265	AD, BC, CD, AC_ACD	7	0.00	4562.71
m266	AD, BD, CD, CD_BCD	7	0.00	4562.71
m267	BC, AC_ACD, CD_BCD, BD_BCD	7	0.00	4562.71
m268	BC, BD, CD, AC_ACD	7	0.00	4562.71
m269	BC, BD, CD, AD_ACD	7	0.00	4562.71
m270	BC, CD, AC_ACD, BD_BCD	7	0.00	4562.71
m271	CD, AC_ACD, CD_BCD, BD_BCD	7	0.00	4562.71
m272	AB, AC_ACD, AD_ACD, BD_BCD	6	0.00	5323.17
m273	AB, AC_ACD, CD_BCD, BD_BCD	6	0.00	5323.17
m274	AB, AD, BC, CD_BCD	6	0.00	5323.17
m275	AB, AD, BD, CD	6	0.00	5323.17
m276	AB, AD, CD, BD_BCD	6	0.00	5323.17
m277	AB, BC, AC_ACD, CD_BCD	6	0.00	5323.17
m278	AB, BC, BD, AC_ACD	6	0.00	5323.17
m279	AB, BC, CD, AC_ACD	6	0.00	5323.17
m280	AB, BC, CD, AD_ACD	6	0.00	5323.17
m281	AB, BD, AC_ACD, CD_BCD	6	0.00	5323.17
m282	AB, BD, AD_ACD, BD_BCD	6	0.00	5323.17
m283	AB, BD, CD, BD_BCD	6	0.00	5323.17
m284	AC, AB, AD, BC	6	0.00	5323.17

m285	AC, AC_ACD, AD_ACD, CD_BCD	6	0.00	5323.17
m286	AC, AD, AC_ACD, CD_BCD	6	0.00	5323.17
m287	AC, BC, BD, AC_ACD	6	0.00	5323.17
m288	AC, BC, BD, BD_BCD	6	0.00	5323.17
m289	AC, BD, AC_ACD, BD_BCD	6	0.00	5323.17
m290	AC, BD, AC_ACD, CD_BCD	6	0.00	5323.17
m291	AC, BD, CD, AD_ACD	6	0.00	5323.17
m292	AD, BD, CD_BCD, BD_BCD	6	0.00	5323.17
m293	AD, CD, AC_ACD, BD_BCD	6	0.00	5323.17
m294	BC, AC_ACD, AD_ACD, BD_BCD	6	0.00	5323.17
m295	BC, BD, AC_ACD, CD_BCD	6	0.00	5323.17
m296	BC, BD, CD, CD_BCD	6	0.00	5323.17
m297	BD, AC_ACD, AD_ACD, CD_BCD	6	0.00	5323.17
m298	AB, AD, AD_ACD, CD_BCD	5	0.00	6387.80
m299	AB, BC, BD, CD	5	0.00	6387.80
m300	AB, BC, BD, CD_BCD	5	0.00	6387.80
m301	AB, BC, CD, BD_BCD	5	0.00	6387.80
m302	AB, BC, CD_BCD, BD_BCD	5	0.00	6387.80
m303	AC, AB, AD, AC_ACD	5	0.00	6387.80
m304	AC, AB, AD, BD_BCD	5	0.00	6387.80
m305	AC, AB, AD, CD	5	0.00	6387.80
m306	AC, AB, AD, CD_BCD	5	0.00	6387.80
m307	AC, AB, AD_ACD, CD_BCD	5	0.00	6387.80
m308	AC, AB, BC, AD_ACD	5	0.00	6387.80
m309	AC, AB, BD, AC_ACD	5	0.00	6387.80
m310	AC, AD, CD, AD_ACD	5	0.00	6387.80
m311	AC, AD, CD, BD_BCD	5	0.00	6387.80
m312	AC, AD_ACD, CD_BCD, BD_BCD	5	0.00	6387.80
m313	AC, BC, AD_ACD, CD_BCD	5	0.00	6387.80
m314	AC, BC, BD, AD_ACD	5	0.00	6387.80
m315	AC, BC, CD, AC_ACD	5	0.00	6387.80
m316	AC, BD, CD, AC_ACD	5	0.00	6387.80
m317	AD, BD, AC_ACD, BD_BCD	5	0.00	6387.80
m318	AD, CD, CD_BCD, BD_BCD	5	0.00	6387.80
m319	BC, BD, AC_ACD, BD_BCD	5	0.00	6387.80
m320	BD, AC_ACD, AD_ACD, BD_BCD	5	0.00	6387.80

m321	BD, AD_ACD, CD_BCD, BD_BCD	5	0.00	6387.80
m322	AB, AC_ACD, AD_ACD, CD_BCD, BD_BCD	4	0.00	7984.75
m333	AB, AD, BD, AC_ACD, BD_BCD	4	0.00	7984.75
m334	AB, AD, BD, AD_ACD, CD_BCD	4	0.00	7984.75
m335	AB, AD_ACD, CD_BCD, BD_BCD	4	0.00	7984.75
m336	AB, BC, BD, BD_BCD	4	0.00	7984.75
m337	AB, BD, AC_ACD, BD_BCD	4	0.00	7984.75
m338	AB, CD, CD_BCD, BD_BCD	4	0.00	7984.75
m339	AC, AB, AC_ACD, BD_BCD	4	0.00	7984.75
m340	AC, AB, AC_ACD, CD_BCD	4	0.00	7984.75
m341	AC, AB, AD, AD_ACD	4	0.00	7984.75
m342	AC, AB, BD, CD	4	0.00	7984.75
m343	AC, AB, CD, CD_BCD	4	0.00	7984.75
m345	AC, AC_ACD, CD_BCD, BD_BCD	4	0.00	7984.75
m346	AC, AD, AC_ACD, AD_ACD	4	0.00	7984.75
m347	AC, AD, BC, CD_BCD	4	0.00	7984.75
m348	AC, AD, BD, CD_BCD	4	0.00	7984.75
m349	AC, BD, AD_ACD, CD_BCD	4	0.00	7984.75
m350	AC, CD, AC_ACD, BD_BCD	4	0.00	7984.75
m351	AC, CD, AD_ACD, BD_BCD	4	0.00	7984.75
m352	AD, BC, BD, AC_ACD, BD_BCD	4	0.00	7984.75
m353	AD, BC, CD, BD_BCD	4	0.00	7984.75
m354	AD, BD, AC_ACD, AD_ACD, CD_BCD	4	0.00	7984.75
m355	BC, CD, AD_ACD, CD_BCD	4	0.00	7984.75
m356	BD, AC_ACD, CD_BCD, BD_BCD	4	0.00	7984.75
m357	BD, CD, AC_ACD, BD_BCD	4	0.00	7984.75
m358	AB, AC_ACD, AD_ACD, CD_BCD	3	0.00	10646.33
m359	AB, AD, AC_ACD, AD_ACD, CD_BCD	3	0.00	10646.33
m360	AB, AD, AC_ACD, BD_BCD	3	0.00	10646.33
m361	AB, AD, AD_ACD, CD_BCD, BD_BCD	3	0.00	10646.33
m362	AB, AD, BC, BD, AD_ACD	3	0.00	10646.33
m363	AB, AD, CD, AC_ACD, AD_ACD	3	0.00	10646.33
m364	AB, AD, CD, CD_BCD	3	0.00	10646.33
m365	AB, BC, AC_ACD, BD_BCD	3	0.00	10646.33
m366	AB, BC, CD, CD_BCD	3	0.00	10646.33
m367	AB, BD, CD_BCD, BD_BCD	3	0.00	10646.33

m368	AB, CD, AC_ACD, AD_ACD	3	0.00	10646.33
m369	AB, CD, AC_ACD, BD_BCD	3	0.00	10646.33
m370	AB, CD, AD_ACD, CD_BCD	3	0.00	10646.33
m371	AB, CD, AD_ACD, CD_BCD, BD_BCD	3	0.00	10646.33
m372	AC, AB, BC, AC_ACD	3	0.00	10646.33
m373	AC, AB, BC, BD	3	0.00	10646.33
m374	AC, AB, BC, BD, BD_BCD	3	0.00	10646.33
m375	AC, AB, BC, CD	3	0.00	10646.33
m376	AC, AB, BC, CD_BCD	3	0.00	10646.33
m377	AC, AB, CD, AC_ACD	3	0.00	10646.33
m378	AC, AD, AD_ACD, CD_BCD	3	0.00	10646.33
m379	AC, AD, BD, AC_ACD, CD_BCD	3	0.00	10646.33
m380	AC, BC, BD, CD	3	0.00	10646.33
m381	AC, BD, CD, BD_BCD	3	0.00	10646.33
m382	AC, CD, AC_ACD, AD_ACD	3	0.00	10646.33
m383	AC, CD, AC_ACD, CD_BCD	3	0.00	10646.33
m384	AD, BC, BD, AD_ACD, BD_BCD	3	0.00	10646.33
m385	AD, CD, AC_ACD, CD_BCD	3	0.00	10646.33
m386	BC, CD, AC_ACD, CD_BCD	3	0.00	10646.33
m387	BC, CD, CD_BCD, BD_BCD	3	0.00	10646.33
m388	CD, AC_ACD, AD_ACD, CD_BCD	3	0.00	10646.33
m389	AB, AD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	2	0.00	15969.50
m390	AB, AD, BC, AC_ACD, AD_ACD, CD_BCD	2	0.00	15969.50
m391	AB, AD, BC, BD, AC_ACD	2	0.00	15969.50
m392	AB, AD, BC, BD, CD	2	0.00	15969.50
m393	AB, AD, BD, AC_ACD, CD_BCD	2	0.00	15969.50
m394	AB, AD, BD, CD, AD_ACD	2	0.00	15969.50
m395	AB, AD, BD, CD_BCD, BD_BCD	2	0.00	15969.50
m396	AB, AD, CD, AC_ACD, CD_BCD	2	0.00	15969.50
m397	AB, BC, BD, AC_ACD, AD_ACD	2	0.00	15969.50
m398	AB, BC, CD, AC_ACD, AD_ACD	2	0.00	15969.50
m399	AB, BD, CD, AC_ACD, CD_BCD	2	0.00	15969.50
m400	AB, BD, CD, CD_BCD	2	0.00	15969.50
m401	AC, AB, AC_ACD, AD_ACD, CD_BCD	2	0.00	15969.50
m402	AC, AB, AD, AC_ACD, CD_BCD	2	0.00	15969.50
m403	AC, AB, AD, BC, AC_ACD	2	0.00	15969.50

m404	AC, AB, AD, BD	2	0.00	15969.50
m405	AC, AB, AD, BD, AC_ACD	2	0.00	15969.50
m406	AC, AB, AD, BD, AD_ACD	2	0.00	15969.50
m407	AC, AB, AD, BD, BD_BCD	2	0.00	15969.50
m408	AC, AB, BC, CD, CD_BCD	2	0.00	15969.50
m409	AC, AB, BD, BD_BCD	2	0.00	15969.50
m410	AC, AB, BD, CD_BCD, BD_BCD	2	0.00	15969.50
m411	AC, AB, CD, BD_BCD	2	0.00	15969.50
m412	AC, AB, CD_BCD, BD_BCD	2	0.00	15969.50
m413	AC, AD, BC, AC_ACD, BD_BCD	2	0.00	15969.50
m414	AC, AD, BC, AD_ACD, CD_BCD	2	0.00	15969.50
m415	AC, AD, BC, BD, CD	2	0.00	15969.50
m416	AC, AD, BC, CD, AD_ACD	2	0.00	15969.50
m417	AC, AD, BD, AC_ACD, BD_BCD	2	0.00	15969.50
m418	AC, AD, BD, CD, AD_ACD	2	0.00	15969.50
m419	AC, AD, CD_BCD, BD_BCD	2	0.00	15969.50
m420	AC, BC, AC_ACD, CD_BCD	2	0.00	15969.50
m421	AC, BC, BD, AC_ACD, AD_ACD	2	0.00	15969.50
m422	AC, BC, BD, CD_BCD	2	0.00	15969.50
m423	AC, BC, CD, BD_BCD	2	0.00	15969.50
m424	AC, BC, CD, CD_BCD	2	0.00	15969.50
m425	AC, BD, AC_ACD, AD_ACD	2	0.00	15969.50
m426	AC, BD, CD, AD_ACD, BD_BCD	2	0.00	15969.50
m427	AC, BD, CD, AD_ACD, CD_BCD	2	0.00	15969.50
m428	AC, BD, CD, CD_BCD	2	0.00	15969.50
m429	AC, BD, CD_BCD, BD_BCD	2	0.00	15969.50
m430	AC, CD, CD_BCD, BD_BCD	2	0.00	15969.50
m431	AD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	2	0.00	15969.50
m432	AD, BC, AD_ACD, CD_BCD, BD_BCD	2	0.00	15969.50
m433	AD, BC, BD, AC_ACD, CD_BCD	2	0.00	15969.50
m434	AD, BC, BD, CD, AC_ACD	2	0.00	15969.50
m435	AD, BC, CD, AC_ACD, CD_BCD	2	0.00	15969.50
m436	AD, BC, CD, AD_ACD, CD_BCD	2	0.00	15969.50
m437	AD, BD, CD, AC_ACD, BD_BCD	2	0.00	15969.50
m438	AD, BD, CD, AD_ACD, BD_BCD	2	0.00	15969.50
m439	AD, CD, AD_ACD, CD_BCD, BD_BCD	2	0.00	15969.50

m440	BC, BD, CD, AC_ACD, AD_ACD	2	0.00	15969.50
m441	BC, BD, CD, CD_BCD, BD_BCD	2	0.00	15969.50
m442	BD, CD, AC_ACD, AD_ACD, BD_BCD	2	0.00	15969.50
m443	AB, AD, BC, AC_ACD, AD_ACD	1	0.00	31939.00
m444	AB, AD, BC, AC_ACD, AD_ACD, BD_BCD	1	0.00	31939.00
m445	AB, AD, BC, AC_ACD, BD_BCD	1	0.00	31939.00
m446	AB, AD, BC, CD, AC_ACD	1	0.00	31939.00
m447	AB, AD, BC, CD, AD_ACD	1	0.00	31939.00
m448	AB, AD, BC, CD, CD_BCD	1	0.00	31939.00
m449	AB, AD, BD, AD_ACD, BD_BCD	1	0.00	31939.00
m450	AB, AD, BD, CD, AC_ACD	1	0.00	31939.00
m451	AB, AD, BD, CD, BD_BCD	1	0.00	31939.00
m452	AB, AD, BD, CD, CD_BCD, BD_BCD	1	0.00	31939.00
m453	AB, BC, AC_ACD, AD_ACD, CD_BCD	1	0.00	31939.00
m454	AB, BC, AD_ACD, CD_BCD, BD_BCD	1	0.00	31939.00
m455	CD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	1	0.00	31939.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)

S18: Posterior Model Odds for the smoking cessation example, using the Jackson's model and assuming $\pi_{cons} = 0.25$ and $\mathbf{R} = \mathbf{g}(\mathbf{Z}'\mathbf{Z})^{-1}\sigma^2$.

Model m_k	Comparisons with Inconsistency Factor	Frequency	$\hat{f}(m_k \mid \mathbf{y})$	PO_{m1m2}
m1	No IFs	29731	0.30	1.00
m2	AD	4844	0.05	6.14
m3	AD_ACD	4291	0.04	6.93
m4	AC	3940	0.04	7.55
m5	AC_ACD	3578	0.04	8.31
m6	BC	3565	0.04	8.34
m7	BD	3520	0.04	8.45
m8	AB	3507	0.04	8.48
m9	BD_BCD	3353	0.03	8.87
m10	CD	3327	0.03	8.94
m11	CD_BCD	3266	0.03	9.10
m12	AD, AD_ACD	672	0.01	44.24
m13	AC, AD	652	0.01	45.60
m14	AD, AC_ACD	605	0.01	49.14
m15	AD, BD_BCD	586	0.01	50.74
m16	AC, AD_ACD	582	0.01	51.08
m17	AD, BD	571	0.01	52.07
m18	AB, AD	561	0.01	53.00
m19	BC, AD_ACD	560	0.01	53.09
m20	AD, CD	546	0.01	54.45
m21	AC, AC_ACD	542	0.01	54.85
m22	AB, AD_ACD	536	0.01	55.47
m23	AD, BC	534	0.01	55.68
m24	CD, AD_ACD	532	0.01	55.89
m25	AC_ACD, AD_ACD	526	0.01	56.52
m26	AD_ACD, CD_BCD	520	0.01	57.18
m27	AD, CD_BCD	519	0.01	57.29
m28	AC, BC	512	0.01	58.07
m29	BD, AD_ACD	506	0.01	58.76
m30	AC, AB	499	0.00	59.58
m31	BC, AC_ACD	497	0.00	59.82
m32	BC, BD	492	0.00	60.43

m33	AC_ACD, BD_BCD	491	0.00	60.55
m34	BD, AC_ACD	489	0.00	60.80
m35	AC, BD	479	0.00	62.07
m36	AD_ACD, BD_BCD	478	0.00	62.20
m37	AB, AC_ACD	473	0.00	62.86
m38	AC, CD_BCD	468	0.00	63.53
m39	AB, BC	467	0.00	63.66
m40	AB, BD_BCD	467	0.00	63.66
m41	BC, BD_BCD	467	0.00	63.66
m42	AB, BD	466	0.00	63.80
m43	AC_ACD, CD_BCD	466	0.00	63.80
m44	BD, BD_BCD	456	0.00	65.20
m45	BD, CD	456	0.00	65.20
m46	BC, CD	453	0.00	65.63
m47	BD, CD_BCD	446	0.00	66.66
m48	CD, AC_ACD	445	0.00	66.81
m49	AB, CD_BCD	441	0.00	67.42
m50	AB, CD	438	0.00	67.88
m51	AC, CD	438	0.00	67.88
m52	AC, BD_BCD	437	0.00	68.03
m53	CD_BCD, BD_BCD	430	0.00	69.14
m54	CD, BD_BCD	428	0.00	69.46
m55	CD, CD_BCD	413	0.00	71.99
m56	BC, CD_BCD	406	0.00	73.23
m57	AD, BC, AD_ACD	98	0.00	303.38
m58	AB, AD, AD_ACD	97	0.00	306.51
m59	AC, AB, AD_ACD	93	0.00	319.69
m60	AC, CD, AD_ACD	92	0.00	323.16
m61	AB, AD, BD	90	0.00	330.34
m62	AC, AD, CD	88	0.00	337.85
m63	AC, AD, AD_ACD	87	0.00	341.74
m64	AC, AD, BC	85	0.00	349.78
m65	AC, AD_ACD, BD_BCD	85	0.00	349.78
m66	AC, BC, AD_ACD	84	0.00	353.94
m67	AD, BD, AD_ACD	82	0.00	362.57
m68	AD, CD, AD_ACD	80	0.00	371.64

m69	AB, BD, AD_ACD	78	0.00	381.17
m70	AC, AB, AD	78	0.00	381.17
m71	AD, CD, CD_BCD	78	0.00	381.17
m72	BC, AC_ACD, AD_ACD	78	0.00	381.17
m73	AB, AC_ACD, AD_ACD	77	0.00	386.12
m74	AB, AD, BD_BCD	77	0.00	386.12
m75	AB, BD, BD_BCD	77	0.00	386.12
m76	AC, AD, AC_ACD	77	0.00	386.12
m77	AD, AC_ACD, AD_ACD	77	0.00	386.12
m78	AD, BD, CD	77	0.00	386.12
m79	AD, CD, AC_ACD	77	0.00	386.12
m80	AC, AC_ACD, CD_BCD	76	0.00	391.20
m81	AC, AD, BD	76	0.00	391.20
m82	AC, BD, BD_BCD	75	0.00	396.41
m83	AC_ACD, CD_BCD, BD_BCD	75	0.00	396.41
m84	AB, BC, BD	74	0.00	401.77
m85	AD, BC, BD	74	0.00	401.77
m86	BC, AD_ACD, CD_BCD	74	0.00	401.77
m87	BD, CD, AD_ACD	74	0.00	401.77
m88	CD, AC_ACD, BD_BCD	73	0.00	407.27
m89	AB, AD, AC_ACD	72	0.00	412.93
m90	AB, BD, CD	72	0.00	412.93
m91	AC, BD, AD_ACD	72	0.00	412.93
m92	AD, BC, CD	72	0.00	412.93
m93	AD, BD, AC_ACD	72	0.00	412.93
m94	BC, AD_ACD, BD_BCD	72	0.00	412.93
m95	BD, CD, AC_ACD	72	0.00	412.93
m96	CD, AC_ACD, AD_ACD	72	0.00	412.93
m97	AB, AD, CD	71	0.00	418.75
m98	AB, BD, AC_ACD	71	0.00	418.75
m99	AC, AB, BD	71	0.00	418.75
m100	AC, AC_ACD, BD_BCD	71	0.00	418.75
m101	AD, AD_ACD, BD_BCD	71	0.00	418.75
m102	BC, CD, AD_ACD	71	0.00	418.75
m103	AC, AB, BD_BCD	70	0.00	424.73
m104	AC, AC_ACD, AD_ACD	70	0.00	424.73

m105	AD, AC_ACD, BD_BCD	70	0.00	424.73
m106	AB, AD_ACD, BD_BCD	69	0.00	430.88
m107	AC, AB, BC	69	0.00	430.88
m108	AC, AD, CD_BCD	69	0.00	430.88
m109	AD, AC_ACD, CD_BCD	69	0.00	430.88
m110	BC, AC_ACD, CD_BCD	69	0.00	430.88
m111	AC, AD, BD_BCD	68	0.00	437.22
m112	AD, AD_ACD, CD_BCD	68	0.00	437.22
m113	AD, BD, CD_BCD	68	0.00	437.22
m114	AC, BD, AC_ACD	67	0.00	443.75
m115	AD, BC, BD_BCD	67	0.00	443.75
m116	BC, CD_BCD, BD_BCD	67	0.00	443.75
m117	BD, AD_ACD, CD_BCD	67	0.00	443.75
m118	AB, AC_ACD, BD_BCD	66	0.00	450.47
m119	BC, CD, BD_BCD	66	0.00	450.47
m120	BD, AC_ACD, BD_BCD	66	0.00	450.47
m121	AC, AB, CD	65	0.00	457.40
m122	AC, BC, CD_BCD	65	0.00	457.40
m123	AC_ACD, AD_ACD, BD_BCD	65	0.00	457.40
m124	AD, CD, BD_BCD	65	0.00	457.40
m125	AD, CD_BCD, BD_BCD	65	0.00	457.40
m126	AD_ACD, CD_BCD, BD_BCD	65	0.00	457.40
m127	BC, BD, AC_ACD	65	0.00	457.40
m128	BD, AC_ACD, AD_ACD	64	0.00	464.55
m129	BD, AC_ACD, CD_BCD	64	0.00	464.55
m130	CD, AD_ACD, BD_BCD	64	0.00	464.55
m131	AB, AD, BC	63	0.00	471.92
m132	AB, AD_ACD, CD_BCD	63	0.00	471.92
m133	AB, CD, AD_ACD	63	0.00	471.92
m134	AC, AB, AC_ACD	63	0.00	471.92
m135	AC, CD, BD_BCD	63	0.00	471.92
m136	BC, BD, CD	63	0.00	471.92
m137	BC, CD, CD_BCD	63	0.00	471.92
m138	CD, AD_ACD, CD_BCD	63	0.00	471.92
m139	AB, BC, AD_ACD	62	0.00	479.53
m140	AB, BC, CD	62	0.00	479.53

m141	AB, BC, CD_BCD	62	0.00	479.53
m142	AC, AD_ACD, CD_BCD	62	0.00	479.53
m143	AC, BC, AC_ACD	62	0.00	479.53
m144	AD, BC, AC_ACD	62	0.00	479.53
m145	BC, BD, BD_BCD	62	0.00	479.53
m146	AB, BC, AC_ACD	61	0.00	487.39
m147	AB, BC, BD_BCD	61	0.00	487.39
m148	AC, BC, BD	61	0.00	487.39
m149	AB, CD, AC_ACD	60	0.00	495.52
m150	AC, AB, CD_BCD	60	0.00	495.52
m151	AC, CD, AC_ACD	60	0.00	495.52
m152	AC_ACD, AD_ACD, CD_BCD	60	0.00	495.52
m153	BD, CD, BD_BCD	60	0.00	495.52
m154	AB, CD, BD_BCD	59	0.00	503.92
m155	AD, BC, CD_BCD	59	0.00	503.92
m156	BC, BD, AD_ACD	59	0.00	503.92
m157	AC, BD, CD	58	0.00	512.60
m158	CD, CD_BCD, BD_BCD	58	0.00	512.60
m159	AB, CD, CD_BCD	57	0.00	521.60
m160	AB, CD_BCD, BD_BCD	57	0.00	521.60
m161	AC, BC, CD	57	0.00	521.60
m162	BC, BD, CD_BCD	57	0.00	521.60
m163	BD, CD_BCD, BD_BCD	57	0.00	521.60
m164	AC, BC, BD_BCD	56	0.00	530.91
m165	AC, CD_BCD, BD_BCD	56	0.00	530.91
m166	BC, CD, AC_ACD	56	0.00	530.91
m167	AC, BD, CD_BCD	55	0.00	540.56
m168	BC, AC_ACD, BD_BCD	55	0.00	540.56
m169	BD, CD, CD_BCD	55	0.00	540.56
m170	AB, AD, CD_BCD	54	0.00	550.57
m171	BD, AD_ACD, BD_BCD	52	0.00	571.75
m172	AD, BD, BD_BCD	51	0.00	582.96
m173	CD, AC_ACD, CD_BCD	51	0.00	582.96
m174	AB, BD, CD_BCD	50	0.00	594.62
m175	AB, AC_ACD, CD_BCD	49	0.00	606.76
m176	AC, CD, CD_BCD	46	0.00	646.33

m177	AD, BD, AC_ACD, CD_BCD	24	0.00	1238.79
m178	AB, AD_ACD, CD_BCD, BD_BCD	18	0.00	1651.72
m179	AC, AB, AD, AC_ACD	18	0.00	1651.72
m180	AD, AC_ACD, CD_BCD, BD_BCD	18	0.00	1651.72
m181	AB, BC, AD_ACD, CD_BCD	17	0.00	1748.88
m182	AD, BC, AC_ACD, AD_ACD	17	0.00	1748.88
m183	BC, BD, AC_ACD, BD_BCD	17	0.00	1748.88
m184	AC, AB, CD, AD_ACD	16	0.00	1858.19
m185	AC, AD, BC, BD	16	0.00	1858.19
m186	AD, AC_ACD, AD_ACD, BD_BCD	16	0.00	1858.19
m187	AD, CD, AC_ACD, AD_ACD	16	0.00	1858.19
m188	AD, CD, AC_ACD, BD_BCD	16	0.00	1858.19
m189	AB, AC_ACD, AD_ACD, BD_BCD	15	0.00	1982.07
m190	AB, AD, AC_ACD, BD_BCD	15	0.00	1982.07
m191	AB, AD, BC, AC_ACD	15	0.00	1982.07
m192	AC, AB, AD, BC	15	0.00	1982.07
m193	AC, AD, BD, AC_ACD	15	0.00	1982.07
m194	AC, BC, BD, BD_BCD	15	0.00	1982.07
m195	AD, BC, AD_ACD, BD_BCD	15	0.00	1982.07
m196	BC, CD, CD_BCD, BD_BCD	15	0.00	1982.07
m197	AB, BD, AD_ACD, CD_BCD	14	0.00	2123.64
m198	AB, CD, AC_ACD, AD_ACD	14	0.00	2123.64
m199	AC, AB, AC_ACD, AD_ACD	14	0.00	2123.64
m200	AC, AB, AD_ACD, BD_BCD	14	0.00	2123.64
m201	AC, AD, AD_ACD, BD_BCD	14	0.00	2123.64
m202	AD, BC, BD, CD	14	0.00	2123.64
m203	AD, BC, CD, AD_ACD	14	0.00	2123.64
m204	AD, BD, CD, AD_ACD	14	0.00	2123.64
m205	AB, AD, AD_ACD, BD_BCD	13	0.00	2287.00
m206	AB, BC, BD, AD_ACD	13	0.00	2287.00
m207	AB, BC, BD, CD	13	0.00	2287.00
m208	AB, CD, AD_ACD, CD_BCD	13	0.00	2287.00
m209	AC, AC_ACD, AD_ACD, CD_BCD	13	0.00	2287.00
m210	AD, BC, BD, AC_ACD	13	0.00	2287.00
m211	BC, AC_ACD, AD_ACD, BD_BCD	13	0.00	2287.00
m212	BC, CD, AC_ACD, AD_ACD	13	0.00	2287.00

m213	BD, AC_ACD, AD_ACD, BD_BCD	13	0.00	2287.00
m214	BD, CD, AC_ACD, CD_BCD	13	0.00	2287.00
m215	CD, AC_ACD, AD_ACD, CD_BCD	13	0.00	2287.00
m216	AB, AD, BC, AD_ACD	12	0.00	2477.58
m217	AB, BC, BD, AC_ACD	12	0.00	2477.58
m218	AB, BC, CD, AD_ACD	12	0.00	2477.58
m219	AB, BD, CD, AC_ACD	12	0.00	2477.58
m220	AB, BD, CD_BCD, BD_BCD	12	0.00	2477.58
m221	AB, CD, AD_ACD, BD_BCD	12	0.00	2477.58
m222	AC, AB, AD, AD_ACD	12	0.00	2477.58
m223	AC, AB, AD, BD	12	0.00	2477.58
m224	AC, AB, AD, BD_BCD	12	0.00	2477.58
m225	AC, AB, AD, CD	12	0.00	2477.58
m226	AC, AB, BC, AD_ACD	12	0.00	2477.58
m227	AC, AB, CD, CD_BCD	12	0.00	2477.58
m228	AC, AD, AC_ACD, CD_BCD	12	0.00	2477.58
m229	AC, AD, BD, BD_BCD	12	0.00	2477.58
m230	AC, BC, AC_ACD, AD_ACD	12	0.00	2477.58
m231	AC, BC, CD, AD_ACD	12	0.00	2477.58
m232	AC, BD, AC_ACD, BD_BCD	12	0.00	2477.58
m233	AC, BD, CD, BD_BCD	12	0.00	2477.58
m234	AC, CD, AC_ACD, AD_ACD	12	0.00	2477.58
m235	AC, CD, AC_ACD, BD_BCD	12	0.00	2477.58
m236	AD, BC, AC_ACD, BD_BCD	12	0.00	2477.58
m237	AD, BC, BD, AD_ACD	12	0.00	2477.58
m238	AD, BD, AD_ACD, CD_BCD	12	0.00	2477.58
m239	BC, AD_ACD, CD_BCD, BD_BCD	12	0.00	2477.58
m240	BC, BD, AC_ACD, AD_ACD	12	0.00	2477.58
m241	BC, BD, CD, AC_ACD	12	0.00	2477.58
m242	BC, BD, CD, BD_BCD	12	0.00	2477.58
m243	CD, AC_ACD, CD_BCD, BD_BCD	12	0.00	2477.58
m244	AB, AD, BD, AC_ACD	11	0.00	2702.82
m245	AB, AD, BD, AD_ACD	11	0.00	2702.82
m246	AB, AD, CD, BD_BCD	11	0.00	2702.82
m247	AB, BC, AC_ACD, CD_BCD	11	0.00	2702.82
m248	AB, BC, AD_ACD, BD_BCD	11	0.00	2702.82

m249	AB, BC, CD, BD_BCD	11	0.00	2702.82
m250	AB, CD, AC_ACD, BD_BCD	11	0.00	2702.82
m251	AC, AD, AC_ACD, AD_ACD	11	0.00	2702.82
m252	AC, AD, AC_ACD, BD_BCD	11	0.00	2702.82
m253	AC, AD, BC, AC_ACD	11	0.00	2702.82
m254	AC, AD, BC, BD_BCD	11	0.00	2702.82
m255	AC, AD, CD, AC_ACD	11	0.00	2702.82
m256	AC, BC, AD_ACD, BD_BCD	11	0.00	2702.82
m257	AC, BD, AC_ACD, AD_ACD	11	0.00	2702.82
m258	AD, BC, BD, CD_BCD	11	0.00	2702.82
m259	AD, BD, AC_ACD, BD_BCD	11	0.00	2702.82
m260	AD, CD, AD_ACD, CD_BCD	11	0.00	2702.82
m261	BC, BD, CD_BCD, BD_BCD	11	0.00	2702.82
m262	BC, CD, AC_ACD, BD_BCD	11	0.00	2702.82
m263	BC, CD, AD_ACD, CD_BCD	11	0.00	2702.82
m264	BD, AC_ACD, AD_ACD, CD_BCD	11	0.00	2702.82
m265	AB, AC_ACD, AD_ACD, CD_BCD	10	0.00	2973.10
m266	AB, AD, BC, BD	10	0.00	2973.10
m267	AB, AD, BC, BD_BCD	10	0.00	2973.10
m268	AB, AD, BD, CD	10	0.00	2973.10
m269	AC, AB, AD_ACD, CD_BCD	10	0.00	2973.10
m270	AC, AB, BD, AC_ACD	10	0.00	2973.10
m271	AC, AD, BC, CD	10	0.00	2973.10
m272	AC, AD, BC, CD_BCD	10	0.00	2973.10
m273	AC, AD, CD, AD_ACD	10	0.00	2973.10
m274	AC, AD, CD, BD_BCD	10	0.00	2973.10
m275	AC, AD, CD, CD_BCD	10	0.00	2973.10
m276	AC, AD, CD_BCD, BD_BCD	10	0.00	2973.10
m277	AC, BD, CD, AC_ACD	10	0.00	2973.10
m278	AC, CD, AC_ACD, CD_BCD	10	0.00	2973.10
m279	AC, CD, AD_ACD, BD_BCD	10	0.00	2973.10
m280	AC, CD, AD_ACD, CD_BCD	10	0.00	2973.10
m281	AD, BD, CD, CD_BCD	10	0.00	2973.10
m282	BC, BD, AC_ACD, CD_BCD	10	0.00	2973.10
m283	BD, CD, AD_ACD, CD_BCD	10	0.00	2973.10
m284	BD, CD, CD_BCD, BD_BCD	10	0.00	2973.10

m285	AB, AD, AC_ACD, AD_ACD	9	0.00	3303.44
m286	AB, AD, AC_ACD, CD_BCD	9	0.00	3303.44
m287	AB, AD, AD_ACD, CD_BCD	9	0.00	3303.44
m288	AB, AD, BC, CD	9	0.00	3303.44
m289	AB, AD, BD, CD_BCD	9	0.00	3303.44
m290	AB, BC, BD, BD_BCD	9	0.00	3303.44
m291	AB, BC, CD, AC_ACD	9	0.00	3303.44
m292	AB, BD, CD, AD_ACD	9	0.00	3303.44
m293	AB, CD, CD_BCD, BD_BCD	9	0.00	3303.44
m294	AC, AB, AC_ACD, CD_BCD	9	0.00	3303.44
m295	AC, AB, BC, BD	9	0.00	3303.44
m296	AC, AB, BC, CD_BCD	9	0.00	3303.44
m297	AC, AD, BC, AD_ACD	9	0.00	3303.44
m298	AC, AD, BD, CD	9	0.00	3303.44
m299	AC, AD, BD, CD_BCD	9	0.00	3303.44
m300	AC, BC, CD, BD_BCD	9	0.00	3303.44
m301	AC, BD, CD, CD_BCD	9	0.00	3303.44
m302	AD, AD_ACD, CD_BCD, BD_BCD	9	0.00	3303.44
m303	AD, BC, BD, BD_BCD	9	0.00	3303.44
m304	AD, BC, CD, BD_BCD	9	0.00	3303.44
m305	AD, BC, CD_BCD, BD_BCD	9	0.00	3303.44
m306	AD, BD, AC_ACD, AD_ACD	9	0.00	3303.44
m307	AD, CD, AC_ACD, CD_BCD	9	0.00	3303.44
m308	AD, CD, CD_BCD, BD_BCD	9	0.00	3303.44
m309	BC, BD, AD_ACD, CD_BCD	9	0.00	3303.44
m310	BC, BD, CD, AD_ACD	9	0.00	3303.44
m311	BC, CD, AD_ACD, BD_BCD	9	0.00	3303.44
m312	BD, CD, AC_ACD, BD_BCD	9	0.00	3303.44
m313	CD, AC_ACD, AD_ACD, BD_BCD	9	0.00	3303.44
m314	AB, AD, CD, AD_ACD	8	0.00	3716.38
m315	AB, BC, AC_ACD, AD_ACD	8	0.00	3716.38
m316	AB, BC, AC_ACD, BD_BCD	8	0.00	3716.38
m317	AB, BC, BD, CD_BCD	8	0.00	3716.38
m318	AC, AB, AD, CD_BCD	8	0.00	3716.38
m319	AC, AB, BC, CD	8	0.00	3716.38
m320	AC, AB, BD, CD_BCD	8	0.00	3716.38

m321	AC, AD, BD, AD_ACD	8	0.00	3716.38
m322	AC, AD_ACD, CD_BCD, BD_BCD	8	0.00	3716.38
m333	AC, BC, AD_ACD, CD_BCD	8	0.00	3716.38
m334	AC, BC, BD, CD	8	0.00	3716.38
m335	AC, BC, CD, AC_ACD	8	0.00	3716.38
m336	AC, BC, CD_BCD, BD_BCD	8	0.00	3716.38
m337	AC, BD, AD_ACD, BD_BCD	8	0.00	3716.38
m338	AC, BD, AD_ACD, CD_BCD	8	0.00	3716.38
m339	AC, CD, CD_BCD, BD_BCD	8	0.00	3716.38
m340	AD, BC, AD_ACD, CD_BCD	8	0.00	3716.38
m341	AD, BC, CD, AC_ACD	8	0.00	3716.38
m342	AD, BD, CD, BD_BCD	8	0.00	3716.38
m343	AB, AD, CD, CD_BCD	7	0.00	4247.29
m345	AB, AD, CD_BCD, BD_BCD	7	0.00	4247.29
m346	AB, BD, AC_ACD, BD_BCD	7	0.00	4247.29
m347	AB, BD, AD_ACD, BD_BCD	7	0.00	4247.29
m348	AC, AB, AC_ACD, BD_BCD	7	0.00	4247.29
m349	AC, AB, BC, AC_ACD	7	0.00	4247.29
m350	AC, AB, BD, BD_BCD	7	0.00	4247.29
m351	AC, AB, BD, CD	7	0.00	4247.29
m352	AC, AB, CD, AC_ACD	7	0.00	4247.29
m353	AC, AC_ACD, AD_ACD, BD_BCD	7	0.00	4247.29
m354	AC, AD, AD_ACD, CD_BCD	7	0.00	4247.29
m355	AC, BD, CD, AD_ACD	7	0.00	4247.29
m356	AC, BD, CD_BCD, BD_BCD	7	0.00	4247.29
m357	AD, BD, CD, AC_ACD	7	0.00	4247.29
m358	AD, BD, CD_BCD, BD_BCD	7	0.00	4247.29
m359	BC, AC_ACD, CD_BCD, BD_BCD	7	0.00	4247.29
m360	BC, BD, AD_ACD, BD_BCD	7	0.00	4247.29
m361	BD, CD, AC_ACD, AD_ACD	7	0.00	4247.29
m362	BD, CD, AD_ACD, BD_BCD	7	0.00	4247.29
m363	CD, AD_ACD, CD_BCD, BD_BCD	7	0.00	4247.29
m364	AB, AD, CD, AC_ACD	6	0.00	4955.17
m365	AB, BC, CD, CD_BCD	6	0.00	4955.17
m366	AB, BD, CD, CD_BCD	6	0.00	4955.17
m367	AC, AB, BC, BD_BCD	6	0.00	4955.17

m368	AC, AB, CD, BD_BCD	6	0.00	4955.17
m369	AC, AB, CD_BCD, BD_BCD	6	0.00	4955.17
m370	AC, AC_ACD, CD_BCD, BD_BCD	6	0.00	4955.17
m371	AC, BC, AC_ACD, BD_BCD	6	0.00	4955.17
m372	AC, BC, CD, CD_BCD	6	0.00	4955.17
m373	AD, BC, AC_ACD, CD_BCD	6	0.00	4955.17
m374	AD, BD, AC_ACD, AD_ACD, CD_BCD	6	0.00	4955.17
m375	AD, BD, AD_ACD, BD_BCD	6	0.00	4955.17
m376	AD, CD, AD_ACD, BD_BCD	6	0.00	4955.17
m377	BC, CD, AC_ACD, CD_BCD	6	0.00	4955.17
m378	BD, AD_ACD, CD_BCD, BD_BCD	6	0.00	4955.17
m379	AB, AD, BD, AC_ACD, CD_BCD	5	0.00	5946.20
m380	AB, AD, BD, BD_BCD	5	0.00	5946.20
m381	AB, BC, CD_BCD, BD_BCD	5	0.00	5946.20
m382	AB, BD, AC_ACD, AD_ACD	5	0.00	5946.20
m383	AB, BD, AC_ACD, CD_BCD	5	0.00	5946.20
m384	AB, BD, CD, BD_BCD	5	0.00	5946.20
m385	AB, CD, AC_ACD, CD_BCD	5	0.00	5946.20
m386	AC, AB, AD, BD, CD	5	0.00	5946.20
m387	AC, AB, BD, AD_ACD	5	0.00	5946.20
m388	AC, BC, AC_ACD, CD_BCD	5	0.00	5946.20
m389	AC, BC, BD, AC_ACD	5	0.00	5946.20
m390	AC, BC, BD, AD_ACD	5	0.00	5946.20
m391	AC, BD, AC_ACD, CD_BCD	5	0.00	5946.20
m392	AC_ACD, AD_ACD, CD_BCD, BD_BCD	5	0.00	5946.20
m393	AD, BC, CD, CD_BCD	5	0.00	5946.20
m394	BC, BD, CD, CD_BCD	5	0.00	5946.20
m395	BC, BD, CD, CD_BCD, BD_BCD	5	0.00	5946.20
m396	BD, AC_ACD, CD_BCD, BD_BCD	5	0.00	5946.20
m397	AB, AC_ACD, CD_BCD, BD_BCD	4	0.00	7432.75
m398	AB, AD, BC, CD_BCD	4	0.00	7432.75
m399	AB, AD, BC, CD_BCD, BD_BCD	4	0.00	7432.75
m400	AB, AD, BD, CD, AD_ACD	4	0.00	7432.75
m401	AC, AB, AD, BD, AC_ACD	4	0.00	7432.75
m402	AC, AB, BD, AD_ACD, BD_BCD	4	0.00	7432.75
m403	AC, AB, BD, AD_ACD, CD_BCD	4	0.00	7432.75

m404	AC, AB, CD, AC_ACD, CD_BCD	4	0.00	7432.75
m405	AC, AD, BC, BD, AD_ACD	4	0.00	7432.75
m406	AC, AD, BD, AD_ACD, BD_BCD	4	0.00	7432.75
m407	AC, BC, BD, CD, AD_ACD	4	0.00	7432.75
m408	AC, BD, CD, AC_ACD, AD_ACD	4	0.00	7432.75
m409	AC, BD, CD, AC_ACD, CD_BCD	4	0.00	7432.75
m410	AD, AC_ACD, AD_ACD, CD_BCD	4	0.00	7432.75
m411	AD, CD, AC_ACD, CD_BCD, BD_BCD	4	0.00	7432.75
m412	BC, AC_ACD, AD_ACD, CD_BCD	4	0.00	7432.75
m413	BD, CD, AD_ACD, CD_BCD, BD_BCD	4	0.00	7432.75
m414	AB, AD, AC_ACD, AD_ACD, BD_BCD	3	0.00	9910.33
m415	AB, AD, BD, CD, CD_BCD	3	0.00	9910.33
m416	AB, AD, CD, AC_ACD, AD_ACD	3	0.00	9910.33
m417	AB, AD, CD, AC_ACD, CD_BCD	3	0.00	9910.33
m418	AB, BC, BD, AC_ACD, BD_BCD	3	0.00	9910.33
m419	AB, BC, BD, AD_ACD, BD_BCD	3	0.00	9910.33
m420	AB, BC, BD, CD, BD_BCD	3	0.00	9910.33
m421	AB, BC, BD, CD_BCD, BD_BCD	3	0.00	9910.33
m422	AC, AB, AD, AC_ACD, AD_ACD	3	0.00	9910.33
m423	AC, AB, AD, AD_ACD, CD_BCD	3	0.00	9910.33
m424	AC, AB, AD, CD, AC_ACD	3	0.00	9910.33
m425	AC, AB, AD, CD, AD_ACD	3	0.00	9910.33
m426	AC, AB, BC, AD_ACD, CD_BCD	3	0.00	9910.33
m427	AC, AB, BC, BD, CD_BCD	3	0.00	9910.33
m428	AC, AB, BD, AC_ACD, BD_BCD	3	0.00	9910.33
m429	AC, AD, AD_ACD, CD_BCD, BD_BCD	3	0.00	9910.33
m430	AC, AD, BD, AD_ACD, CD_BCD	3	0.00	9910.33
m431	AC, AD, BD, CD, AD_ACD	3	0.00	9910.33
m432	AC, AD, CD, AC_ACD, AD_ACD	3	0.00	9910.33
m433	AC, AD, CD, AD_ACD, CD_BCD	3	0.00	9910.33
m434	AC, BD, AC_ACD, AD_ACD, BD_BCD	3	0.00	9910.33
m435	AC, BD, AD_ACD, CD_BCD, BD_BCD	3	0.00	9910.33
m436	AC, BD, CD, AC_ACD, BD_BCD	3	0.00	9910.33
m437	AD, BC, AD_ACD, CD_BCD, BD_BCD	3	0.00	9910.33
m438	AD, BC, BD, CD_BCD, BD_BCD	3	0.00	9910.33
m439	AD, BC, CD, AD_ACD, BD_BCD	3	0.00	9910.33

m440	AD, BD, CD, AC_ACD, AD_ACD	3	0.00	9910.33
m441	AD, BD, CD, AC_ACD, BD_BCD	3	0.00	9910.33
m442	AD, BD, CD, AC_ACD, CD_BCD	3	0.00	9910.33
m443	AD, CD, AC_ACD, AD_ACD, BD_BCD	3	0.00	9910.33
m444	BC, BD, AC_ACD, AD_ACD, BD_BCD	3	0.00	9910.33
m445	AB, AC_ACD, AD_ACD, CD_BCD, BD_BCD	2	0.00	14865.50
m446	AB, AD, AC_ACD, AD_ACD, CD_BCD	2	0.00	14865.50
m447	AB, AD, BC, AC_ACD, BD_BCD	2	0.00	14865.50
m448	AB, AD, BC, AC_ACD, CD_BCD	2	0.00	14865.50
m449	AB, AD, BC, AD_ACD, CD_BCD	2	0.00	14865.50
m450	AB, AD, BC, BD, AC_ACD	2	0.00	14865.50
m451	AB, AD, BC, BD, AD_ACD	2	0.00	14865.50
m452	AB, AD, BC, BD, BD_BCD	2	0.00	14865.50
m453	AB, AD, BC, CD, AC_ACD	2	0.00	14865.50
m454	AB, AD, BD, AC_ACD, AD_ACD	2	0.00	14865.50
m455	AB, AD, BD, AC_ACD, BD_BCD	2	0.00	14865.50
m456	AB, AD, BD, AD_ACD, BD_BCD	2	0.00	14865.50
m457	AB, AD, BD, AD_ACD, CD_BCD	2	0.00	14865.50
m458	AB, AD, BD, AD_ACD, CD_BCD, BD_BCD	2	0.00	14865.50
m459	AB, BC, BD, AC_ACD, AD_ACD	2	0.00	14865.50
m460	AB, BC, BD, CD, AC_ACD	2	0.00	14865.50
m461	AB, BC, BD, CD, AD_ACD	2	0.00	14865.50
m462	AB, BC, CD, CD_BCD, BD_BCD	2	0.00	14865.50
m463	AB, CD, AC_ACD, AD_ACD, BD_BCD	2	0.00	14865.50
m464	AC, AB, AC_ACD, AD_ACD, CD_BCD	2	0.00	14865.50
m465	AC, AB, AC_ACD, CD_BCD, BD_BCD	2	0.00	14865.50
m466	AC, AB, AD, AC_ACD, CD_BCD	2	0.00	14865.50
m467	AC, AB, AD, BC, AC_ACD, CD_BCD	2	0.00	14865.50
m468	AC, AB, AD, BC, AD_ACD	2	0.00	14865.50
m469	AC, AB, AD, BC, BD	2	0.00	14865.50
m470	AC, AB, AD, BC, CD, AD_ACD	2	0.00	14865.50
m471	AC, AB, AD, BD, AD_ACD	2	0.00	14865.50
m472	AC, AB, AD, BD, AD_ACD, CD_BCD	2	0.00	14865.50
m473	AC, AB, AD, BD, CD, AC_ACD	2	0.00	14865.50
m474	AC, AB, AD, CD, CD_BCD	2	0.00	14865.50
m475	AC, AB, BC, AC_ACD, AD_ACD	2	0.00	14865.50

m476	AC, AB, BC, AC_ACD, CD_BCD	2	0.00	14865.50
m477	AC, AB, BC, CD, BD_BCD	2	0.00	14865.50
m478	AC, AB, BD, CD, AC_ACD	2	0.00	14865.50
m479	AC, AB, BD, CD, BD_BCD	2	0.00	14865.50
m480	AC, AB, CD, AC_ACD, AD_ACD	2	0.00	14865.50
m481	AC, AB, CD, AD_ACD, CD_BCD	2	0.00	14865.50
m482	AC, AB, CD, CD_BCD, BD_BCD	2	0.00	14865.50
m483	AC, AD, BC, AD_ACD, CD_BCD	2	0.00	14865.50
m484	AC, AD, BC, CD, AC_ACD	2	0.00	14865.50
m485	AC, AD, BC, CD, BD_BCD	2	0.00	14865.50
m486	AC, AD, BD, AC_ACD, AD_ACD	2	0.00	14865.50
m487	AC, AD, BD, AC_ACD, CD_BCD	2	0.00	14865.50
m488	AC, AD, CD, AC_ACD, CD_BCD	2	0.00	14865.50
m489	AC, AD, CD, CD_BCD, BD_BCD	2	0.00	14865.50
m490	AC, BC, BD, CD, AD_ACD, BD_BCD	2	0.00	14865.50
m491	AC, BC, BD, CD_BCD	2	0.00	14865.50
m492	AC, BD, AC_ACD, AD_ACD, CD_BCD	2	0.00	14865.50
m493	AC, BD, CD, AD_ACD, CD_BCD	2	0.00	14865.50
m494	AC, BD, CD, CD_BCD, BD_BCD	2	0.00	14865.50
m495	AD, BC, AC_ACD, AD_ACD, BD_BCD	2	0.00	14865.50
m496	AD, BC, AC_ACD, CD_BCD, BD_BCD	2	0.00	14865.50
m497	AD, BC, BD, CD, BD_BCD	2	0.00	14865.50
m498	AD, BC, CD, AC_ACD, AD_ACD, CD_BCD	2	0.00	14865.50
m499	AD, BC, CD, AC_ACD, CD_BCD	2	0.00	14865.50
m500	AD, BC, CD, CD_BCD, BD_BCD	2	0.00	14865.50
m501	AD, BD, AC_ACD, CD_BCD, BD_BCD	2	0.00	14865.50
m502	AD, CD, AC_ACD, AD_ACD, CD_BCD	2	0.00	14865.50
m503	BC, BD, AD_ACD, CD_BCD, BD_BCD	2	0.00	14865.50
m504	BC, BD, CD, AC_ACD, AD_ACD	2	0.00	14865.50
m505	BC, BD, CD, AC_ACD, BD_BCD	2	0.00	14865.50
m506	BD, CD, AC_ACD, AD_ACD, CD_BCD	2	0.00	14865.50
m507	BD, CD, AC_ACD, CD_BCD, BD_BCD	2	0.00	14865.50
m508	AB, AD, AC_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m509	AB, AD, BC, AD_ACD, BD_BCD	1	0.00	29731.00
m510	AB, AD, BC, BD, AD_ACD, BD_BCD	1	0.00	29731.00
m511	AB, AD, BC, BD, CD	1	0.00	29731.00

m512	AB, AD, BC, BD, CD, AC_ACD	1	0.00	29731.00
m513	AB, AD, BC, BD, CD, AD_ACD	1	0.00	29731.00
m514	AB, AD, BC, CD, AC_ACD, CD_BCD	1	0.00	29731.00
m515	AB, AD, BC, CD, AD_ACD	1	0.00	29731.00
m516	AB, AD, BD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m517	AB, AD, BD, CD, AC_ACD	1	0.00	29731.00
m518	AB, AD, BD, CD, BD_BCD	1	0.00	29731.00
m519	AB, AD, BD, CD_BCD, BD_BCD	1	0.00	29731.00
m520	AB, AD, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00
m521	AB, AD, CD, AD_ACD, BD_BCD	1	0.00	29731.00
m522	AB, AD, CD, AD_ACD, CD_BCD	1	0.00	29731.00
m523	AB, AD, CD, CD_BCD, BD_BCD	1	0.00	29731.00
m524	AB, BC, AC_ACD, AD_ACD, CD_BCD	1	0.00	29731.00
m525	AB, BC, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m526	AB, BC, BD, AC_ACD, AD_ACD, CD_BCD	1	0.00	29731.00
m527	AB, BC, BD, AD_ACD, CD_BCD	1	0.00	29731.00
m528	AB, BC, BD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m529	AB, BC, BD, CD, AC_ACD, BD_BCD	1	0.00	29731.00
m530	AB, BC, BD, CD, AD_ACD, CD_BCD	1	0.00	29731.00
m531	AB, BC, CD, AC_ACD, AD_ACD	1	0.00	29731.00
m532	AB, BC, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00
m533	AB, BC, CD, AC_ACD, CD_BCD	1	0.00	29731.00
m534	AB, BC, CD, AD_ACD, BD_BCD	1	0.00	29731.00
m535	AB, BC, CD, AD_ACD, CD_BCD	1	0.00	29731.00
m536	AB, BD, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00
m537	AB, BD, AC_ACD, AD_ACD, CD_BCD	1	0.00	29731.00
m538	AB, BD, AC_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m539	AB, BD, CD, AC_ACD, AD_ACD	1	0.00	29731.00
m540	AB, BD, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00
m541	AB, BD, CD, AD_ACD, CD_BCD	1	0.00	29731.00
m542	AB, CD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m543	AC, AB, AD, AC_ACD, BD_BCD	1	0.00	29731.00
m544	AC, AB, AD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m545	AC, AB, AD, BC, AC_ACD	1	0.00	29731.00
m546	AC, AB, AD, BC, AD_ACD, CD_BCD	1	0.00	29731.00
m547	AC, AB, AD, BC, BD, AD_ACD, BD_BCD	1	0.00	29731.00

m548	AC, AB, AD, BC, BD_BCD	1	0.00	29731.00
m549	AC, AB, AD, BC, CD	1	0.00	29731.00
m550	AC, AB, AD, BC, CD, AD_ACD, BD_BCD	1	0.00	29731.00
m551	AC, AB, AD, BC, CD, BD_BCD	1	0.00	29731.00
m552	AC, AB, AD, BD, BD_BCD	1	0.00	29731.00
m553	AC, AB, AD, BD, CD, CD_BCD	1	0.00	29731.00
m554	AC, AB, AD, BD, CD_BCD	1	0.00	29731.00
m555	AC, AB, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m556	AC, AB, BC, AD_ACD, BD_BCD	1	0.00	29731.00
m557	AC, AB, BC, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m558	AC, AB, BC, BD, BD_BCD	1	0.00	29731.00
m559	AC, AB, BC, CD, AC_ACD	1	0.00	29731.00
m560	AC, AB, BC, CD, AC_ACD, AD_ACD	1	0.00	29731.00
m561	AC, AB, BC, CD, CD_BCD	1	0.00	29731.00
m562	AC, AB, BC, CD_BCD, BD_BCD	1	0.00	29731.00
m563	AC, AB, BD, AC_ACD, AD_ACD	1	0.00	29731.00
m564	AC, AB, CD, AC_ACD, BD_BCD	1	0.00	29731.00
m565	AC, AC_ACD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m566	AC, AD, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00
m567	AC, AD, AC_ACD, AD_ACD, CD_BCD	1	0.00	29731.00
m568	AC, AD, AC_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m569	AC, AD, BC, AC_ACD, AD_ACD	1	0.00	29731.00
m570	AC, AD, BC, AC_ACD, BD_BCD	1	0.00	29731.00
m571	AC, AD, BC, AC_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m572	AC, AD, BC, AD_ACD, BD_BCD	1	0.00	29731.00
m573	AC, AD, BC, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m574	AC, AD, BC, BD, AC_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m575	AC, AD, BC, BD, AD_ACD, CD_BCD	1	0.00	29731.00
m576	AC, AD, BC, BD, BD_BCD	1	0.00	29731.00
m577	AC, AD, BC, BD, CD	1	0.00	29731.00
m578	AC, AD, BC, BD, CD_BCD, BD_BCD	1	0.00	29731.00
m579	AC, AD, BC, CD, AC_ACD, BD_BCD	1	0.00	29731.00
m580	AC, AD, BC, CD, AD_ACD	1	0.00	29731.00
m581	AC, AD, BC, CD, CD_BCD, BD_BCD	1	0.00	29731.00
m582	AC, AD, BC, CD_BCD, BD_BCD	1	0.00	29731.00
m583	AC, AD, BD, AC_ACD, BD_BCD	1	0.00	29731.00

m584	AC, AD, BD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m585	AC, AD, BD, CD, AC_ACD	1	0.00	29731.00
m586	AC, AD, BD, CD, BD_BCD	1	0.00	29731.00
m587	AC, AD, BD, CD, CD_BCD	1	0.00	29731.00
m588	AC, AD, BD, CD_BCD, BD_BCD	1	0.00	29731.00
m589	AC, AD, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00
m590	AC, AD, CD, AC_ACD, AD_ACD, CD_BCD	1	0.00	29731.00
m591	AC, AD, CD, AD_ACD, BD_BCD	1	0.00	29731.00
m592	AC, BC, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00
m593	AC, BC, BD, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00
m594	AC, BC, BD, AD_ACD, CD_BCD	1	0.00	29731.00
m595	AC, BC, BD, CD, AC_ACD	1	0.00	29731.00
m596	AC, BC, BD, CD, AC_ACD, CD_BCD	1	0.00	29731.00
m597	AC, BC, BD, CD, AD_ACD, CD_BCD	1	0.00	29731.00
m598	AC, BC, BD, CD, CD_BCD	1	0.00	29731.00
m599	AC, BC, CD, AC_ACD, AD_ACD	1	0.00	29731.00
m600	AC, BC, CD, AC_ACD, BD_BCD	1	0.00	29731.00
m601	AC, BC, CD, AD_ACD, BD_BCD	1	0.00	29731.00
m602	AC, BC, CD, AD_ACD, CD_BCD	1	0.00	29731.00
m603	AC, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00
m604	AC, CD, AC_ACD, AD_ACD, CD_BCD	1	0.00	29731.00
m605	AC, CD, AC_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m606	AC, CD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m607	AD, AC_ACD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m608	AD, BC, AC_ACD, AD_ACD, CD_BCD	1	0.00	29731.00
m609	AD, BC, BD, AC_ACD, AD_ACD	1	0.00	29731.00
m610	AD, BC, BD, AC_ACD, BD_BCD	1	0.00	29731.00
m611	AD, BC, BD, AC_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m612	AD, BC, BD, AD_ACD, BD_BCD	1	0.00	29731.00
m613	AD, BC, BD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m614	AD, BC, BD, CD, AC_ACD	1	0.00	29731.00
m615	AD, BC, BD, CD, CD_BCD	1	0.00	29731.00
m616	AD, BC, CD, AC_ACD, AD_ACD	1	0.00	29731.00
m617	AD, BC, CD, AC_ACD, BD_BCD	1	0.00	29731.00
m618	AD, BD, AD_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m619	AD, BD, CD, AC_ACD, AD_ACD, BD_BCD	1	0.00	29731.00

m620	AD, BD, CD, AD_ACD, BD_BCD	1	0.00	29731.00
m621	AD, BD, CD, AD_ACD, CD_BCD	1	0.00	29731.00
m622	BC, BD, AC_ACD, CD_BCD, BD_BCD	1	0.00	29731.00
m623	BC, BD, CD, AD_ACD, BD_BCD	1	0.00	29731.00
m624	BC, CD, AC_ACD, CD_BCD, BD_BCD	1	0.00	29731.00

[1] **Abbreviations:** A = no contact, B = self-help, C = individual counseling, D = group counseling, $\hat{f}(m_k \mid \mathbf{y})$ = Posterior model probability of the m_k model, PO_{m_1,m_k}= Posterior odds of the consistent NMA model over the inconsistent m_k model.

[2] **Symbol "_"** indicates in which multi-arm trials inconsistency factor is added (e.g. AC_ ACD indicates that inconsistency factor is added in the AC comparison of the ACD multi-arm trials)