

Additional file 7

Table 1: Indicators to assess the global fit of the final structural equation model (R output)

npar	fmin	chisq	df	pvalue	baseline.chisq
65.000	0.435	346.275	188.000	0.000	4165.487
baseline.df	baseline.pvalue	cfi	tli	nnfi	rfi
231.000	0.000	0.960	0.951	0.951	0.898
nfi	pnfi	ifi	rni	logl	unrestricted.logl
0.917	0.746	0.960	0.960	-9101.495	-8927.923
aic	bic	ntotal	bic2	rmsea	rmsea.ci.lower
18332.991	18592.273	399.000	18386.025	0.046	0.038
rmsea.ci.upper	rmsea.pvalue	rmr	rmr_nomean	srmr	srmr_bentler
0.054	0.803	0.031	0.031	0.044	0.044
srmr_bentler_nomean	srmr_bollen	srmr_bollen_nomean	srmr_mplus	srmr_mplus_nomean	cn_05
0.044	0.044	0.044	0.044	0.044	255.001
cn_01	gfi	agfi	pgfi	mfi	ecvi
272.284	0.928	0.903	0.689	0.820	1.197

Table 2: Parameter estimates of the final structural equation model (R output)

lhs	op	rhs	Est	se	z	pvalue
f1	=~	A1	1.000	0.000	NA	NA
f1	=~	A2	1.042	0.063	16.541	0.000
f1	=~	A5	0.842	0.058	14.556	0.000
f1	=~	A9	0.772	0.065	11.911	0.000
f2	=~	B1	1.000	0.000	NA	NA
f2	=~	B2	0.867	0.066	13.206	0.000
f2	=~	B3	0.894	0.075	11.886	0.000
f2	=~	B10	0.962	0.064	15.005	0.000
f3	=~	B5	1.000	0.000	NA	NA
f3	=~	B6	0.530	0.056	9.411	0.000
f3	=~	B8	1.053	0.073	14.471	0.000
f4	=~	C1	1.000	0.000	NA	NA
f4	=~	C2	1.105	0.085	13.050	0.000
f5	=~	D4	1.000	0.000	NA	NA
f5	=~	D5	1.567	0.116	13.459	0.000
f5	=~	D6	1.395	0.104	13.364	0.000
f5	=~	D8	1.081	0.092	11.763	0.000
f5	=~	D10	1.446	0.126	11.501	0.000
f6	=~	A6	1.000	0.000	NA	NA
f6	=~	A14	0.795	0.095	8.379	0.000
f7	=~	A3	1.000	0.000	NA	NA
f7	=~	A8	1.199	0.158	7.567	0.000
A1	~~	A1	0.251	0.026	9.555	0.000
A2	~~	A2	0.209	0.025	8.294	0.000

A5	~~	A5	0.291	0.025	11.421	0.000
A9	~~	A9	0.467	0.037	12.739	0.000
B1	~~	B1	0.304	0.028	10.890	0.000
B2	~~	B2	0.303	0.026	11.703	0.000
B3	~~	B3	0.470	0.038	12.475	0.000
B10	~~	B10	0.192	0.020	9.401	0.000
B5	~~	B5	0.320	0.029	10.955	0.000
B6	~~	B6	0.301	0.023	13.210	0.000
B8	~~	B8	0.224	0.025	8.883	0.000
C1	~~	C1	0.183	0.033	5.550	0.000
C2	~~	C2	0.599	0.056	10.639	0.000
D4	~~	D4	0.436	0.032	13.432	0.000
D5	~~	D5	0.144	0.016	8.828	0.000
D6	~~	D6	0.130	0.014	9.442	0.000
D8	~~	D8	0.256	0.020	12.752	0.000
D10	~~	D10	0.522	0.040	12.922	0.000
A6	~~	A6	0.437	0.066	6.601	0.000
A14	~~	A14	0.283	0.042	6.717	0.000
A3	~~	A3	0.488	0.070	6.928	0.000
A8	~~	A8	0.292	0.091	3.224	0.001
<hr/>						
f1	~~	f1	0.459	0.051	9.023	0.000
f2	~~	f2	0.395	0.048	8.221	0.000
f3	~~	f3	0.379	0.048	7.936	0.000
f4	~~	f4	0.517	0.057	9.120	0.000
f5	~~	f5	0.249	0.039	6.432	0.000
f6	~~	f6	0.539	0.085	6.325	0.000
f7	~~	f7	0.501	0.087	5.793	0.000
f1	~~	f2	0.169	0.028	5.959	0.000
f1	~~	f3	0.179	0.029	6.171	0.000
f1	~~	f4	0.184	0.032	5.755	0.000
f1	~~	f5	0.112	0.022	5.163	0.000
f1	~~	f6	0.180	0.036	5.072	0.000
f1	~~	f7	0.069	0.030	2.260	0.024
f2	~~	f3	0.272	0.032	8.395	0.000
f2	~~	f4	0.289	0.034	8.421	0.000
f2	~~	f5	0.204	0.026	7.721	0.000
f2	~~	f6	0.160	0.033	4.797	0.000
f2	~~	f7	0.147	0.032	4.527	0.000
f3	~~	f4	0.335	0.037	9.139	0.000
f3	~~	f5	0.234	0.029	8.148	0.000
f3	~~	f6	0.227	0.037	6.205	0.000
f3	~~	f7	0.135	0.032	4.198	0.000
f4	~~	f5	0.241	0.030	8.126	0.000
f4	~~	f6	0.200	0.039	5.164	0.000
f4	~~	f7	0.122	0.035	3.489	0.000
f5	~~	f6	0.158	0.028	5.642	0.000

f5	~~	f7	0.145	0.028	5.222	0.000
f6	~~	f7	0.189	0.042	4.514	0.000

---