

Appendix 1. Unstandardized Factor Loadings for the 8-Dimensional Model of Preconception Health Risk Factors in Subsample of Pregnancy Planning Women (n=529)

	Cluster 1	Cluster 2	Cluster 3	Cluster 4	Cluster 5	Cluster 6	Cluster 7	Cluster 8
	Thyroid	Low income	Delivery outcomes	Mental health	Fertility/pregnancy outcomes	Smoking	Fertility/pregnancy outcomes	Health behaviours
Prescription medication	0.909	0.018	0.055	0.129	0.053	0.356	0.081	0.006
Thyroid disease	0.774	0.003	0.266	0.065	0.225	0.022	0.109	0.009
Low income	0.035	0.861	0.014	0.02	0.245	0.036	0.04	0.086
Unemployment	0.101	0.63	0.069	0.003	0.116	0.022	0.081	0.006
Frequent alcohol	0.198	0.599	0.024	0.258	0.016	0.061	0.095	0.085
Unplanned c-section	0.008	0.012	0.757	0.032	0.083	0.012	0.134	0.051
Planned c-section	0.123	0.224	0.568	0.064	0.006	0.047	0.005	0.016
High birthweight	0.048	0.099	0.359	0	0.148	0.064	0.082	0.041
Depression	0.01	0.001	0.081	1.111	0.075	0.037	0.1	0.045
Anxiety	0.127	0.02	0.013	0.74	0.153	0.187	0.016	0.03
Loneliness	0.026	0.251	0.03	0.512	0.346	0.042	0.092	0.012
Asthma	0.178	0.027	0.039	0.356	0.045	0.062	0.293	0.185
Gestation diabetes	0.013	0.014	0.202	0.006	0.708	0.002	0.332	0.023
High pregnancy blood pressure	0.005	0.023	0.147	0.044	0.391	0.027	0.44	0.371
Over-the-counter medication	0.191	0.085	0.046	0.113	0.28	0.091	0.113	0.1
ART use	0.146	0.255	0.044	0.071	0.269	0.2	0.039	0.187
Complementary medication	0.118	0.237	0.092	0.053	0.25	0.145	0.036	0.075
Tobacco use	0.025	0.413	0.045	0.002	0.019	0.986	0.011	0.039
Cannabis use	0.086	0.044	0.056	0.03	0.043	0.699	0.016	0.077
Preterm birth	0.237	0.255	0.156	0.077	0.27	0.298	0.062	0.013
BMI status	0.012	0.002	0.013	0.022	0.007	0.022	1.109	0.008

Miscarriage	0.016	0.05	0.01	0.1	0.006	0.19	0.264	0.111
Poor eating habits	0.022	0.021	0.056	0.296	0.016	0.176	0.003	0.709
Low physical activity	0.092	0.223	0.013	0.092	0.039	0.132	0.114	0.42

Only risk factors prevalent in $\geq 5\%$ of the sample were included in this model

*Artificial Reproduction Technology