

Table 1: Partial R^2 values for covariates in univariate and reduced models, and the full model. Two-fold synergistic effects with the i th covariate are designated as $S(i)$, and antagonistic effects as $A(i)$, $* = p \leq 0.05$.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Triglycerides	Sex	Age	Alcohol Drinker	SGOT	Diastolic B.P.	Body Weight	% of Ideal Weight
Univariate Models	0.10 *	0.033 *	0.056 *	0.0003	0.0081 *	0.0074 *	0.0053 *	0.0027
Reduced Models								
<i>Triglycerides</i>	0.10	—	(0.038)	(0.9E-6)		(0.0035)	(0.016)	
<i>Sex</i>	0.115	0.048	—	(0.0034)		(0.0035)	(0.0016)	
<i>Age</i>	0.095	0.038	0.027	—		(0.0017)	(0.00012)	
<i>Alcohol Drinker</i>	0.097	0.043	0.029	0.0060	—			
<i>SGOT</i>	0.090	0.045	0.029	0.0061	0.0049	—		
<i>Diastolic B.P.</i>	0.088	0.045	0.027	0.0060	0.0047	0.0015	—	
<i>Body Weight</i>	0.087	0.036	0.025	0.0058	0.0046	0.0017	0.00019	—
Full Model	0.086 *	0.014 *	0.025 *	0.0059 *	0.0046 *	0.0016	0.00045	0.00029
2-way Inter-reactions		A(8)	A(1,2)	A(1) S(2,3)		A(1,3)	A(1) S(8)	

Table 2: Regression coefficients in univariate and reduced models, and the full model. Two-fold synergistic effects with the i th covariate are designated as $S(i)$, and antagonistic effects as $A(i)$, $* = p \leq 0.05$.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Triglycerides	Sex	Age	Alcohol Drinker	SGOT	Diastolic B.P.	Body Weight	% of Ideal Weight
Univariate Models	27.5 *	15.8 *	0.056 *	-0.51	0.47 *	0.40 *	-0.21 *	0.10
Reduced Models								
<i>Triglycerides</i>	27.5	—	(0.83)	(0.09)		(0.26)	(-0.36)	
<i>Sex</i>	29.8	19.3	—	(5.4)		(0.24)	(-0.12)	
<i>Age</i>	27.5	17.2	0.71	—		(0.18)	(-0.035)	
<i>Alcohol Drinker</i>	27.7	18.8	0.74	7.1	—			
<i>SGOT</i>	27.0	19.5	0.74	7.2	0.37	—		
<i>Diastolic B.P.</i>	26.7	19.5	0.72	7.1	0.37	0.17	—	
<i>Body Weight</i>	26.9	18.9	0.71	7.0	0.36	0.19	-0.045	—
Full Model	26.7 *	17.2 *	0.70 *	7.1 *	0.36 *	0.18	-0.16	0.08
2-way Inter-reactions				S(1,2,3)		A(1)	A(3) S(8)	

Table 3: p -values for effects in univariate and reduced models, and the full model.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Triglycerides	Sex	Age	Alcohol Drinker	SGOT	Diastolic B.P.	Body Weight	% of Ideal Weight
Univariate Models	< 0.0001	< 0.0001	< 0.0001	0.86	0.007	0.006	0.028	0.12
Reduced Models								
<i>Triglycerides</i>	< 0.0001	—	(< 0.0001)	(0.98)		(0.059)	(< 0.0001)	
<i>Sex</i>	< 0.0001	< 0.0001	—	(0.054)		(0.069)	(0.19)	
<i>Age</i>	< 0.0001	< 0.0001	< 0.0001	—		(0.017)	(0.72)	
<i>Alcohol Drinker</i>	< 0.0001	< 0.0001	< 0.0001	0.10	—			
<i>SGOT</i>	< 0.0001	< 0.0001	< 0.0001	0.10	0.020	—		
<i>Diastolic B.P.</i>	< 0.0001	< 0.0001	< 0.0001	0.10	0.022	0.20	—	
<i>Body Weight</i>	< 0.0001	< 0.0001	< 0.0001	0.10	0.023	0.17	0.65	—
Full Model	< 0.0001	< 0.0001	< 0.0001	0.10	0.025	0.18	0.48	0.57