Model Summary

Training	Cross Entropy Error	6.816
	Percent Incorrect Predictions	0.6%
	Stopping Rule Used	1 consecutive step(s) with no decrease in error[a]
	Training Time	0:00:00.02
Testing	Cross Entropy Error	4.703
	Percent Incorrect Predictions	4.9%

Dependent Variable: Mortalitystatus
a. Error computations are based on the testing sample.

Parameter Estimates

Predictor		Predicted				
		Hidden Layer 1			Output Layer	
		H(1:1)	H(1:2)	H(1:3)	[Mortalitystatus=1]	[Mortalitystatus=2]
Input Layer	(Bias)	.529	-.104	2.738		
	PC150170	-.223	2.552	.393		
	PC201141	-.811	.483	-3.418		
	PC264100	.501	-.033	-.676		
	PC320	-1.306	2.133	-.806		
	TG40100236	-.570	1.468	-3.418		
	MELD	-.296	-.455	-.509		
	KCH	.428	.372	-.987		
	AlbuminGDL	.759	-.013	-.082		
	Bilirubin	1.715	.349	-.298		
	Alkalinephosphate	-.007	.089	-.658		
	AST	.803	-.153	-1.073		
	ALT	-.467	.525	.138		
	GGT	.242	.311	.600		
	HB	.056	-.090	-.247		
	Platelet	-.290	-.060	.063		
	Neutophils	-.799	-.780	-.148		
	Lymphocytes	.516	-.337	-.033		
	Creatinine	.305	-.107	.292		
	Na	-.221	-.618	-.617		
	INR	-.814	.017	.371		
Hidden Layer 1	(Bias)				-1.203	.519
	H(1:1)				2.441	-2.295
	H(1:2)				2.878	-2.677
	H(1:3)				2.943	-3.711

Supplementary Figure 24. Neural network generation model summary and parameter estimates for IBM SPSS software using top 5 lipid species, fungal peptides, and clinical parameters.

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