

Table 6 Pearson correlation between different milk constituents and SCC and profitability measures

	SCC	BCS	Fat%	Protein%	Lactose%	Solid%	SNF%	Total fat	Total protein	Total lactose	Total solid	Total milk yield	Total return	Net income	Total costs
SCC															
BCS	-0.758**														
Fat%	-0.541**	0.443*													
Protein %	-0.641**	0.514**	0.621**												
Lactose %	-0.443*	0.670**	0.442*	0.587*											
Solid %	-0.634**	0.400*	0.228	0.674**	0.108										
SNF %	-0.741*	0.431*	0.341	0.338	0.212	0.332*									
Total Fat	-0.449*	0.225	0.822**	0.298	0.118	0.1	0.116								
Total Protein	-0.821**	0.341	0.341	0.400*	0.239	0.127	0.221	0.151							
Total Lactose	-0.706**	0.467*	0.441*	0.123	0.217	0.207	0.115	0.131	0.21						
Total Solid	-0.556*	0.394*	0.317	0.268	0.337	0.137	0.133	0.141	0.113	0.311					
Total Milk Yield	-0.774**	0.571**	0.331	0.312	0.113	0.122	0.197	0.227	0.141	0.411*	0.286				
Total Return	-0.436*	0.621**	0.294	0.117	0.141	0.312*	0.285	0.111	0.1	0.11	0.176	0.408*			
Net Income	-0.874**	0.574**	0.487*	0.231	0.261	0.11	0.175	0.115	0.201	0.103	0.217	0.513*	0.621**		
Total Costs	0.630*	0.668**	0.695**	0.271	0.331*	0.158	0.119	0.222	0.116	0.287	0.231	0.471*	0.444*	0.600**	