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Regulation Detection Scores for Self-Regulation

0	1.0000	-0.9202	-0.9226
-0.9945	0	-0.4899	-0.7199
0.5777	-0.0970	0	0.6552
0.9957	0.8615	-0.2263	0

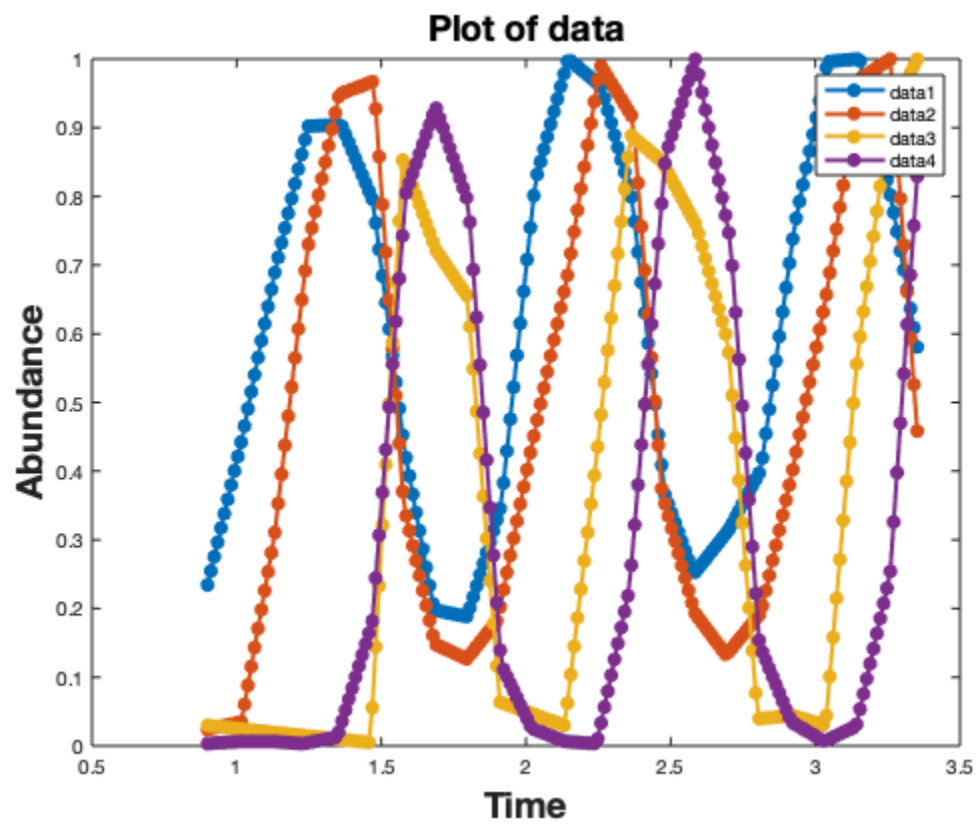
Regulation Detection scores for across component interactions (column variable acting on row variable)

0	-0.7817	-0.9442	-0.4098
0.9075	0	-0.9892	-0.9663
0.8735	0.9312	0	-0.7301
0.8020	0.9163	0.8841	0

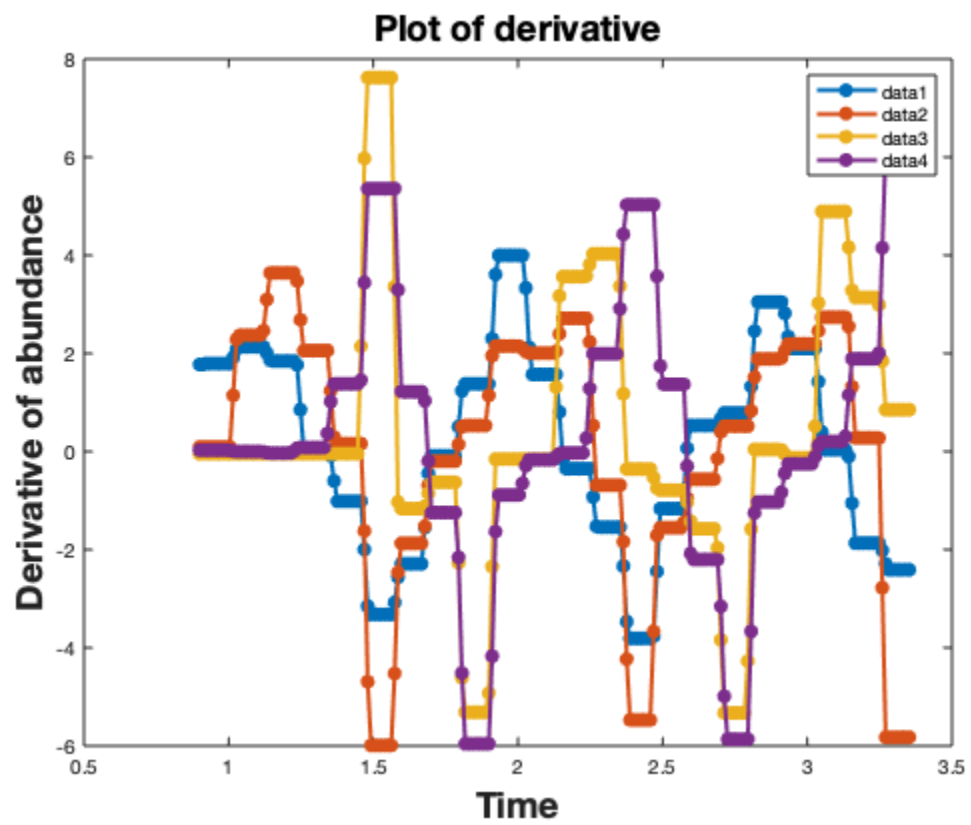
Inferred Interactions

Variable 3 negatively regulates Variable 1
Variable 1 positively regulates Variable 2

Data figure

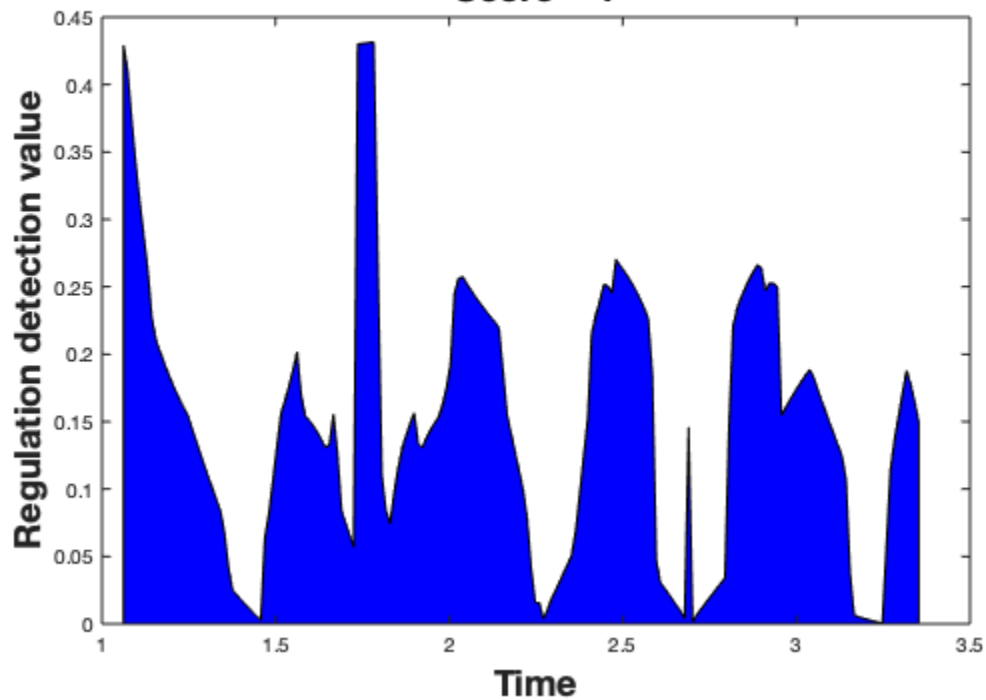


Derivative Figure

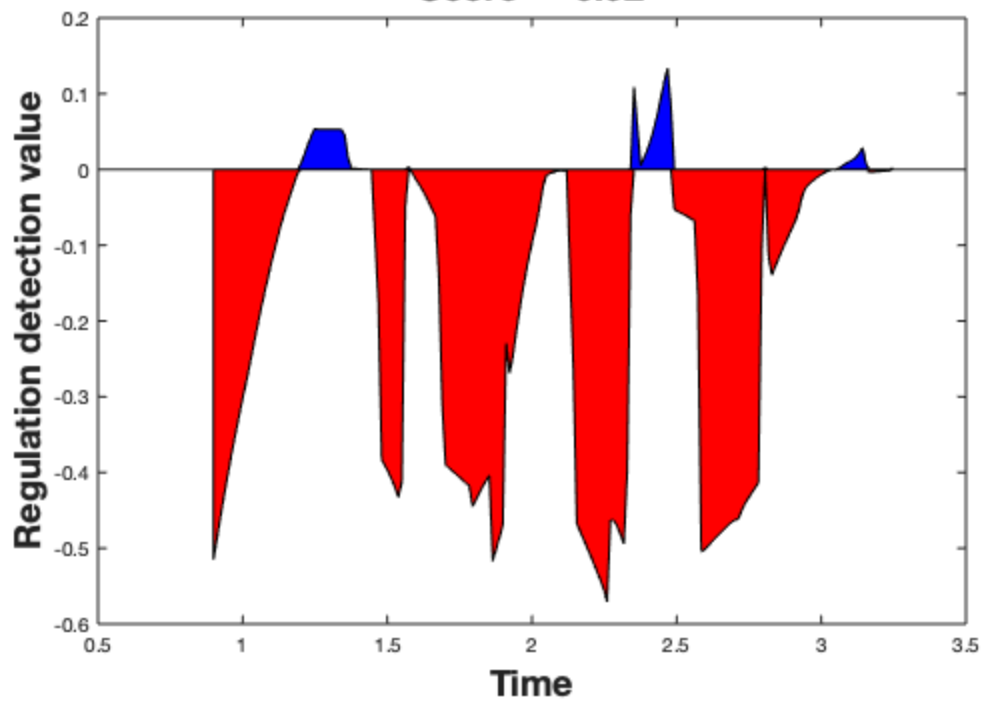


Regulation detection functions for self-regulations

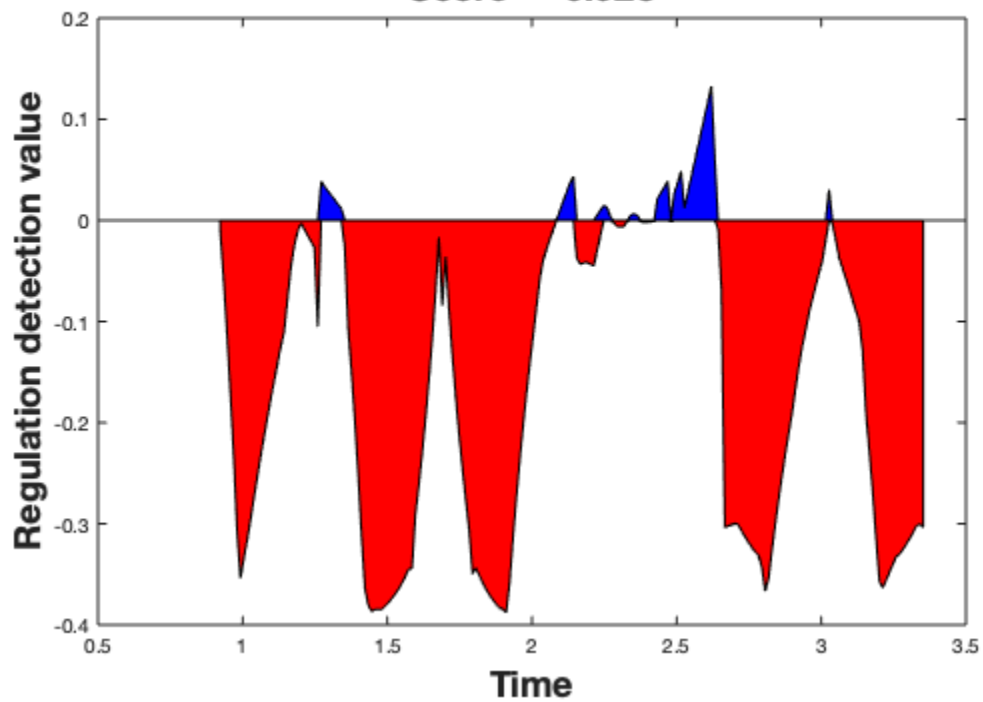
Regulation Detection Function for Variable 1 onto Variable 1
Fixing Variable 2
Score = 1



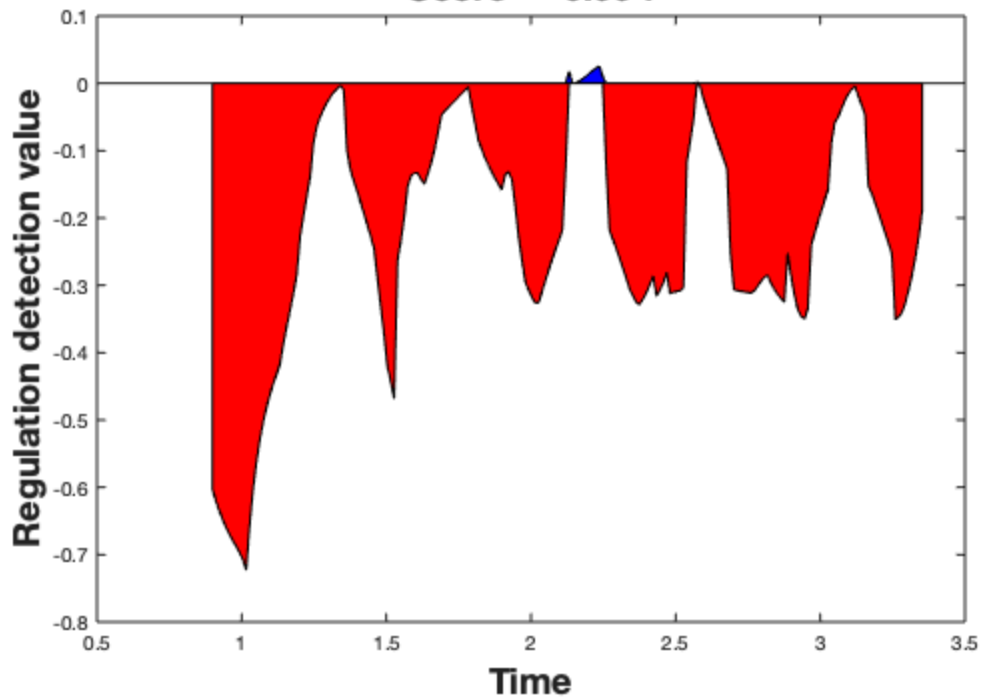
Regulation Detection Function for Variable 1 onto Variable 1
Fixing Variable 3
Score = -0.92



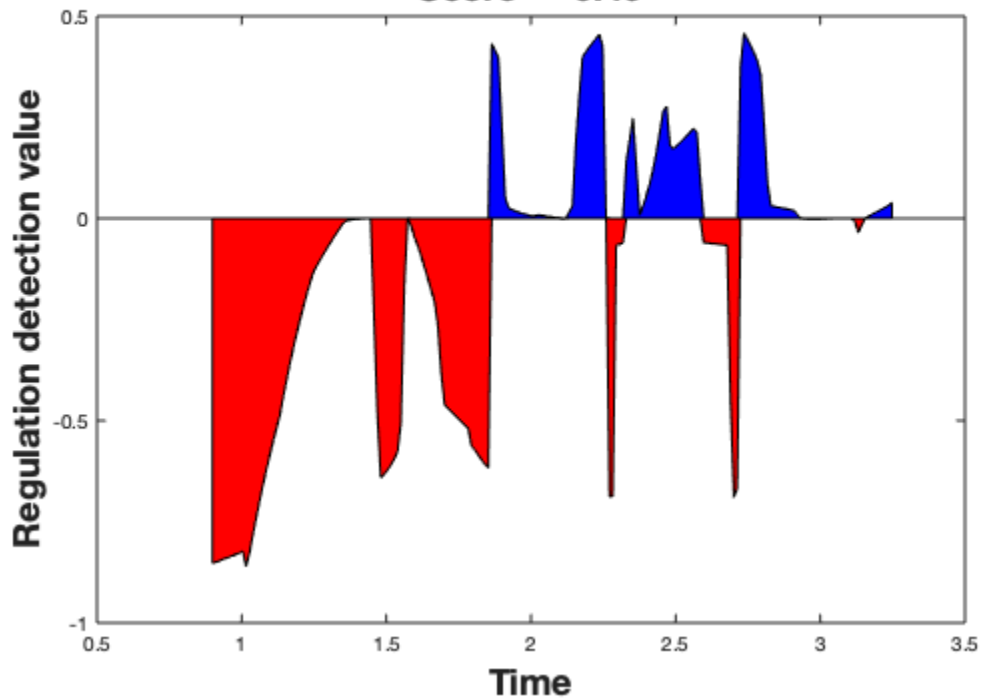
Regulation Detection Function for Variable 1 onto Variable 1
Fixing Variable 4
Score = -0.923



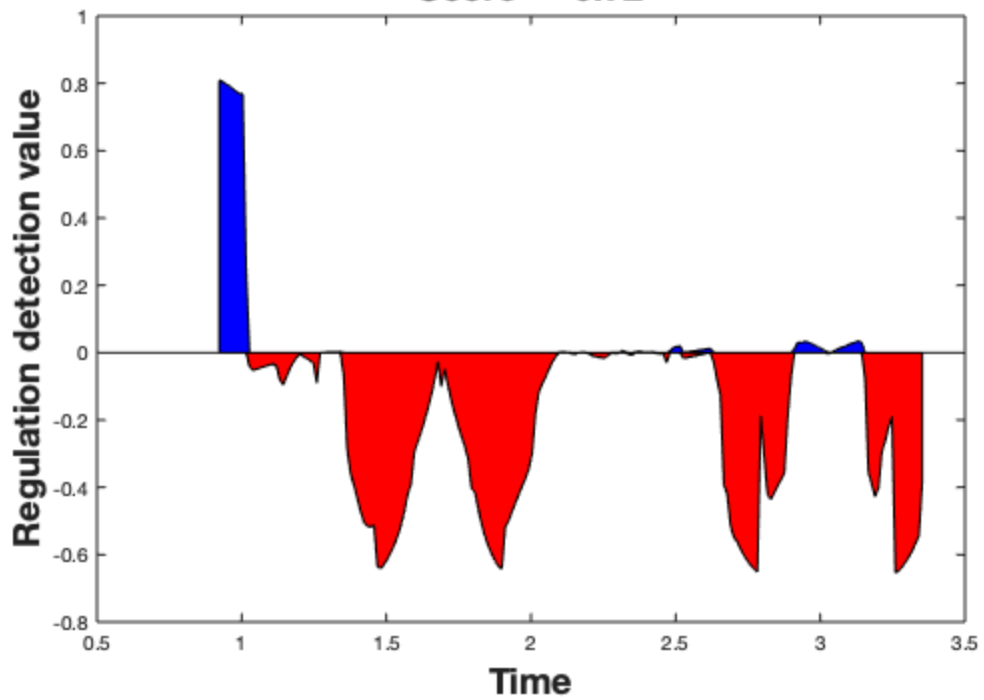
Regulation Detection Function for Variable 2 onto Variable 2
Fixing Variable 1
Score = -0.994



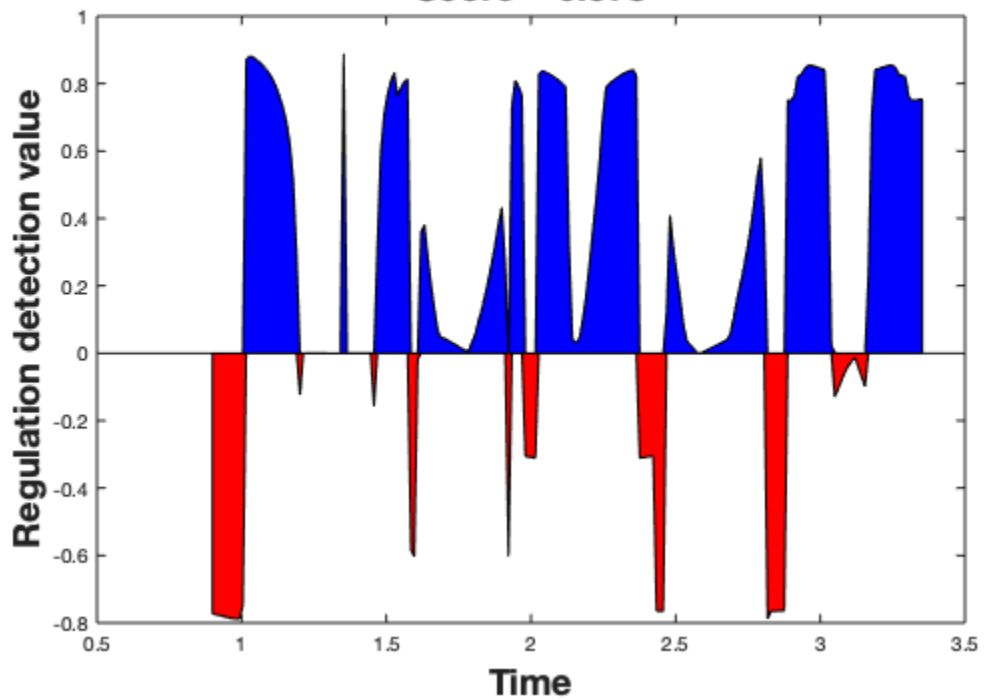
Regulation Detection Function for Variable 2 onto Variable 2
Fixing Variable 3
Score = -0.49



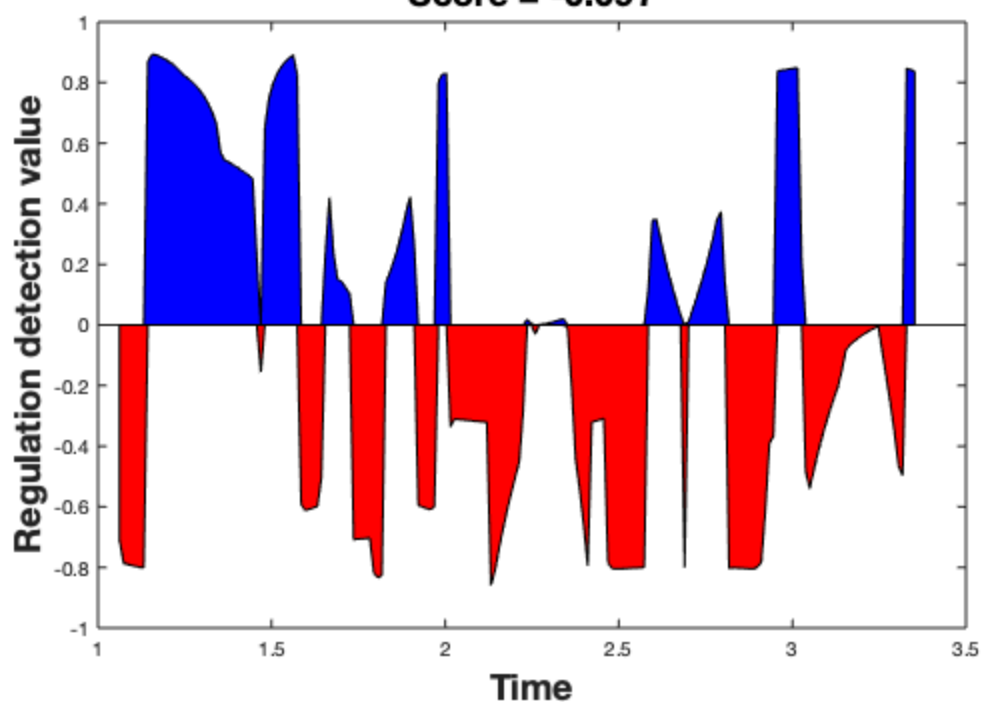
Regulation Detection Function for Variable 2 onto Variable 2
Fixing Variable 4
Score = -0.72



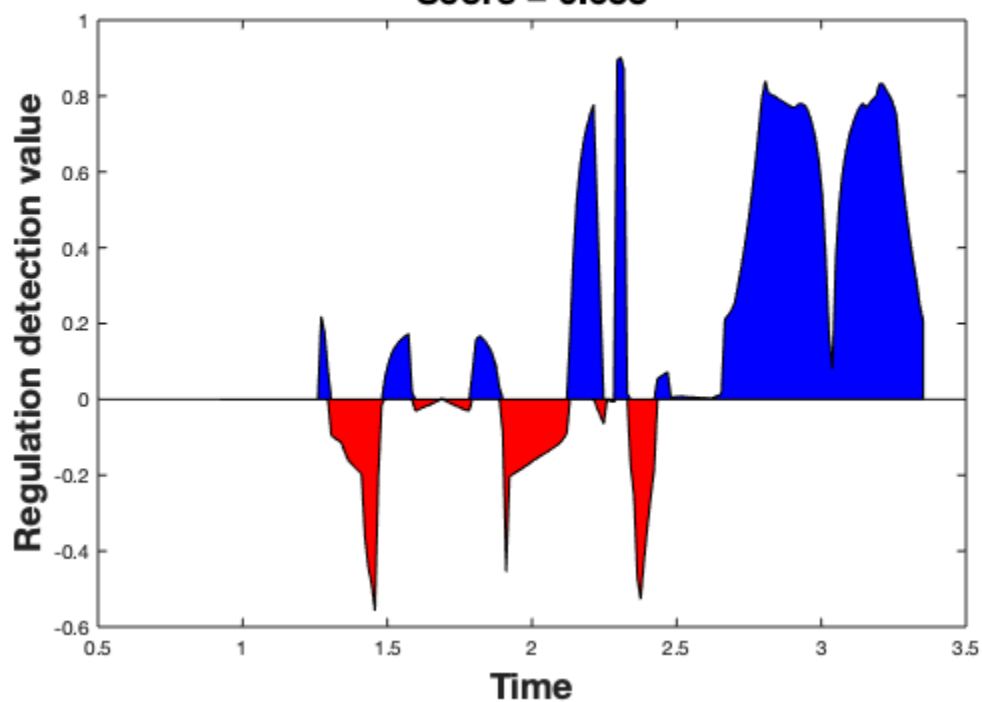
Regulation Detection Function for Variable 3 onto Variable 3
Fixing Variable 1
Score = 0.578



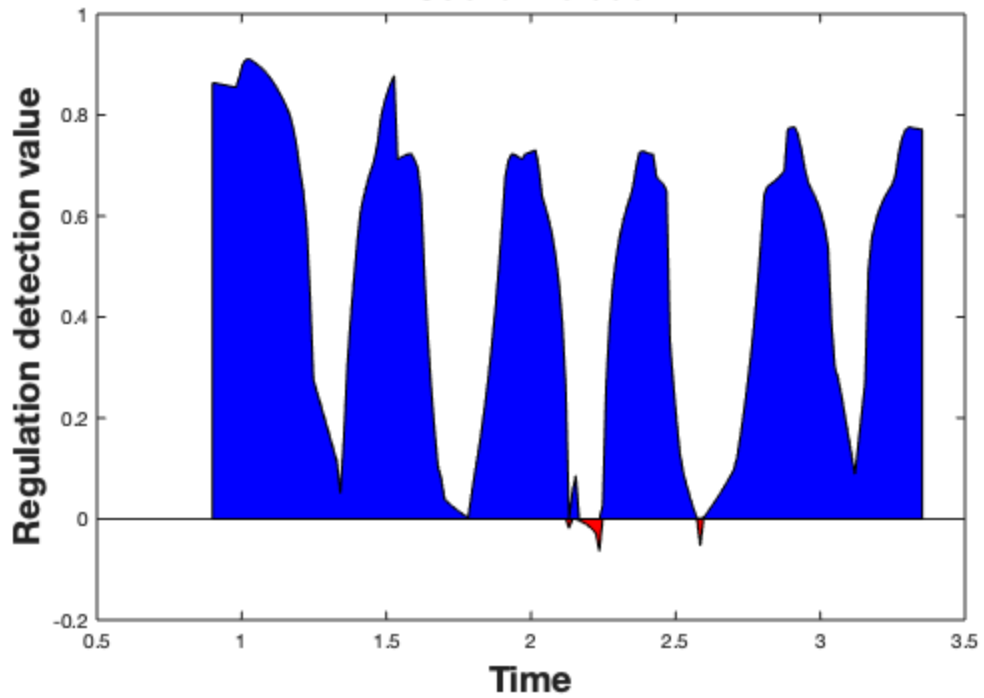
Regulation Detection Function for Variable 3 onto Variable 3
Fixing Variable 2
Score = -0.097



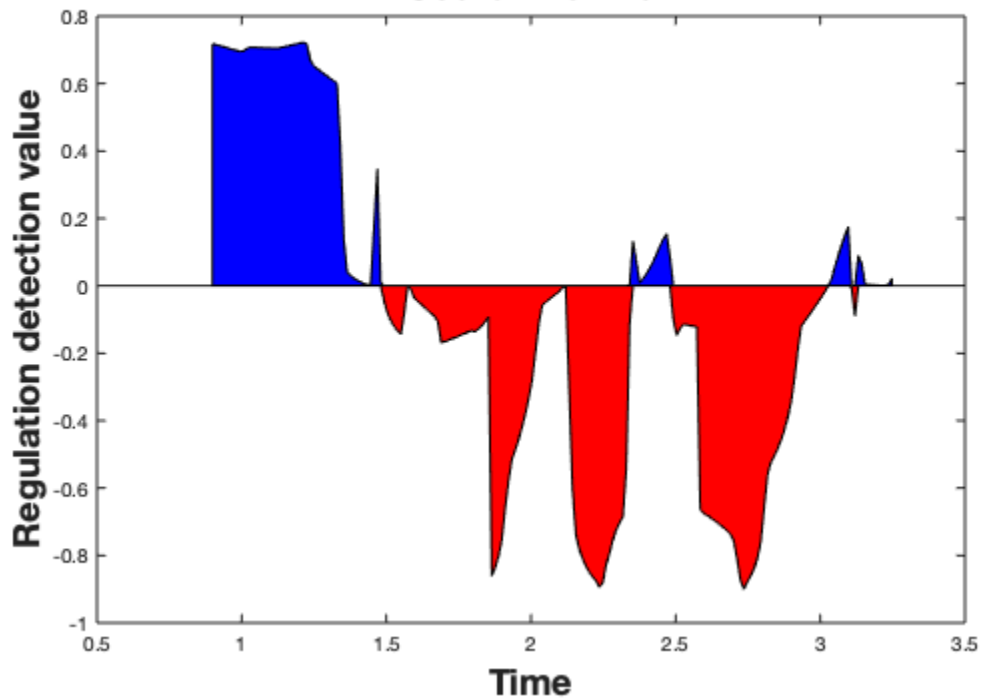
Regulation Detection Function for Variable 3 onto Variable 3
Fixing Variable 4
Score = 0.655



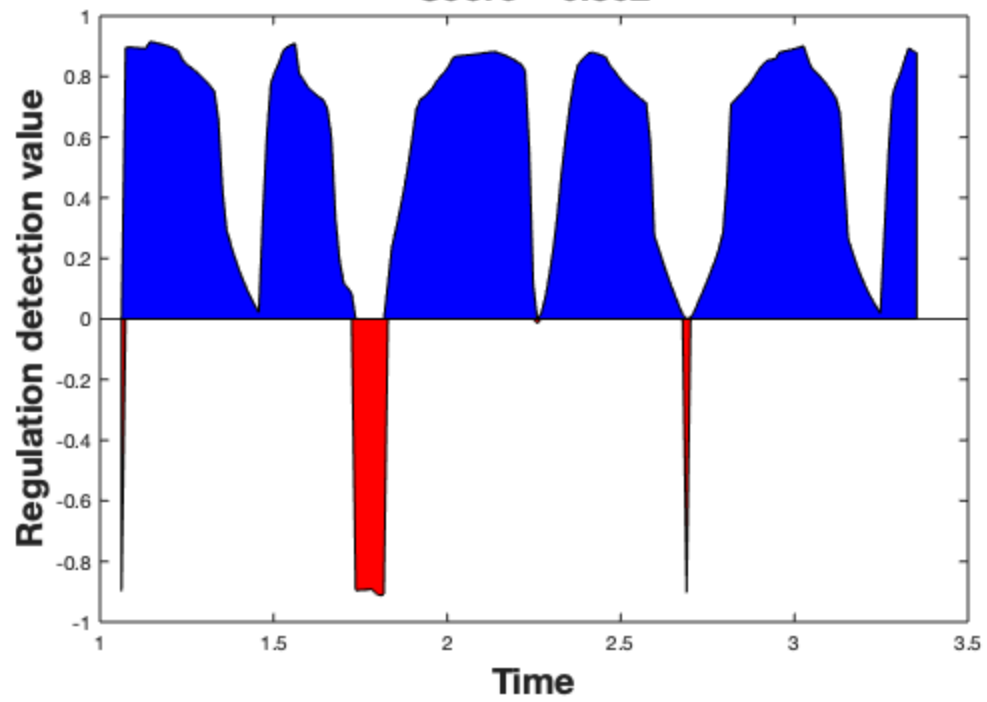
Regulation Detection Function for Variable 4 onto Variable 4
Fixing Variable 1
Score = 0.996



Regulation Detection Function for Variable 4 onto Variable 4
Fixing Variable 3
Score = -0.226

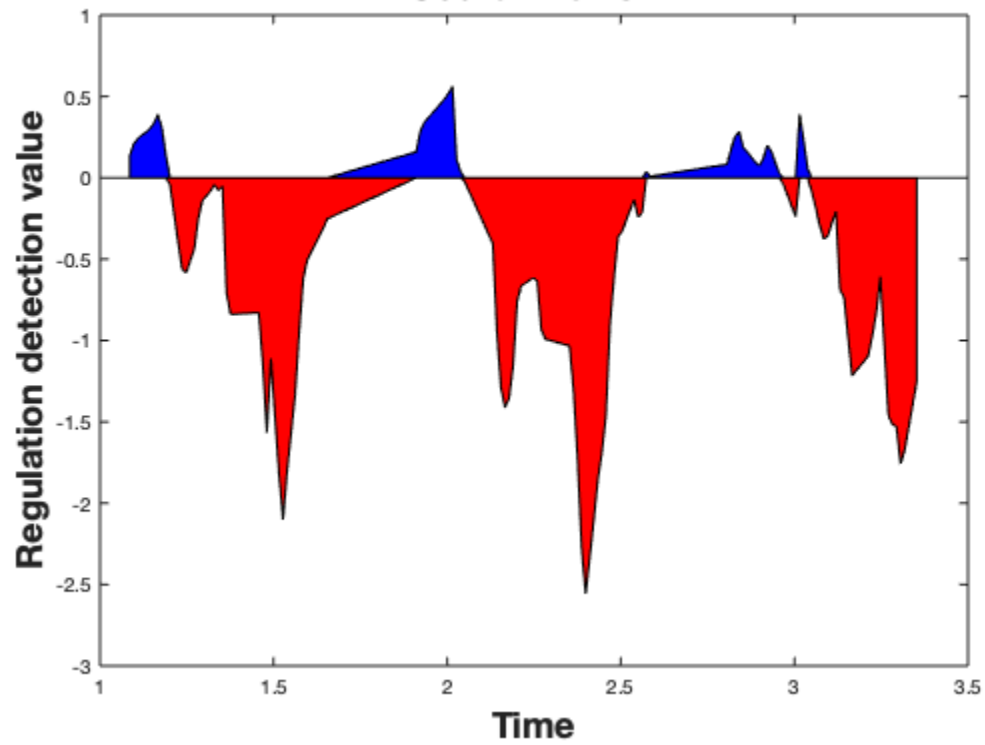


Regulation Detection Function for Variable 4 onto Variable 4
Fixing Variable 2
Score = 0.862

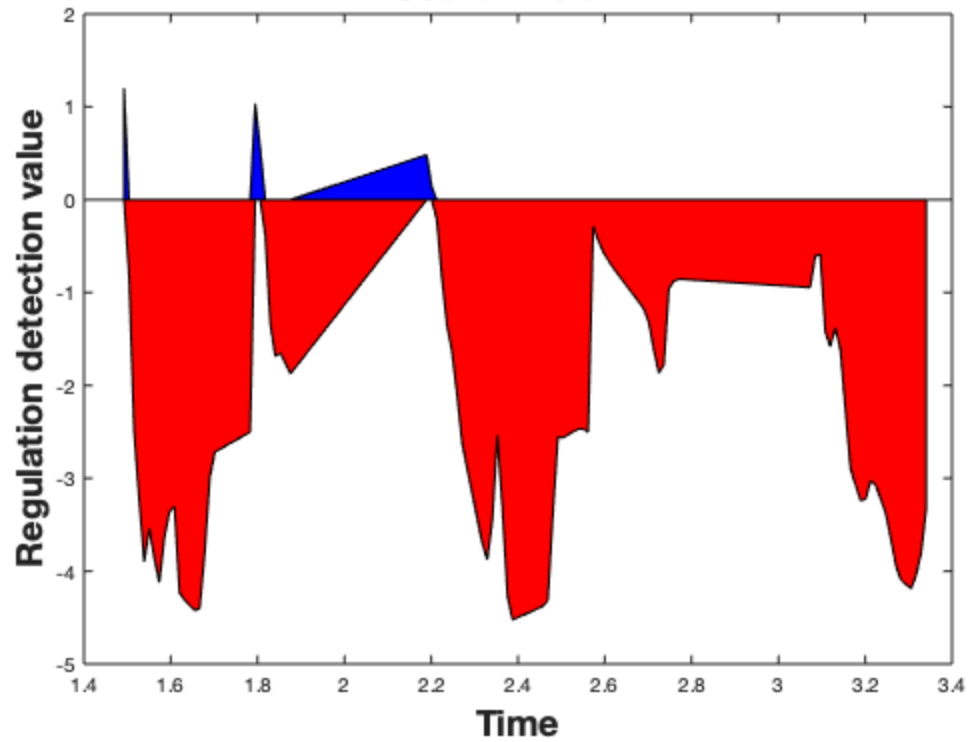


Regulation detection functions

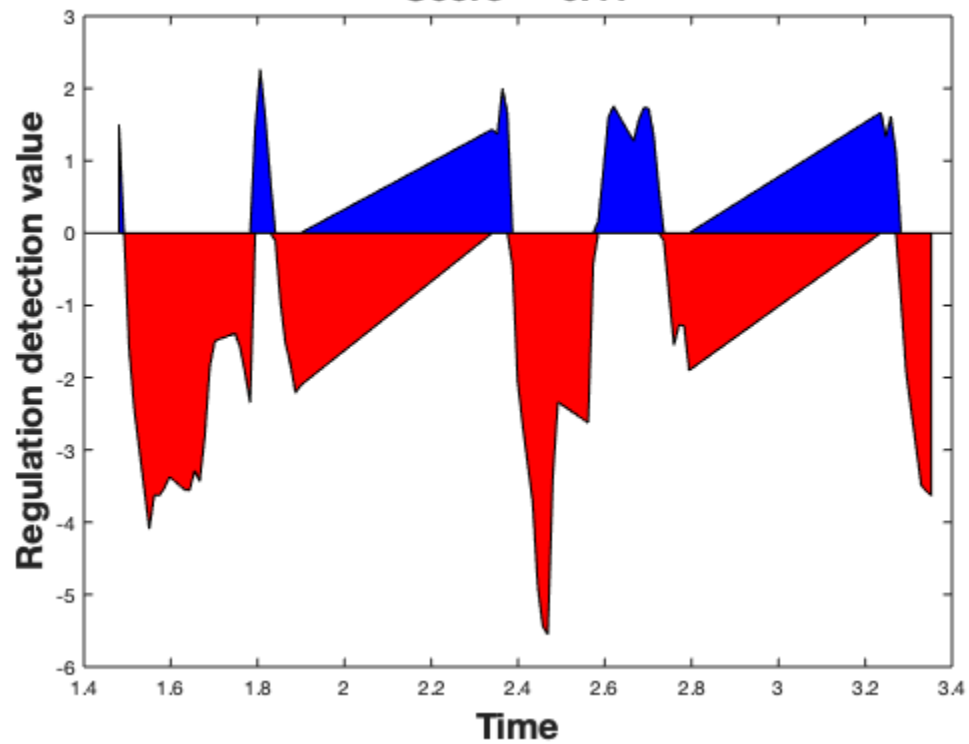
Regulation Detection Function for Variable 2 onto Variable 1
Score = -0.782



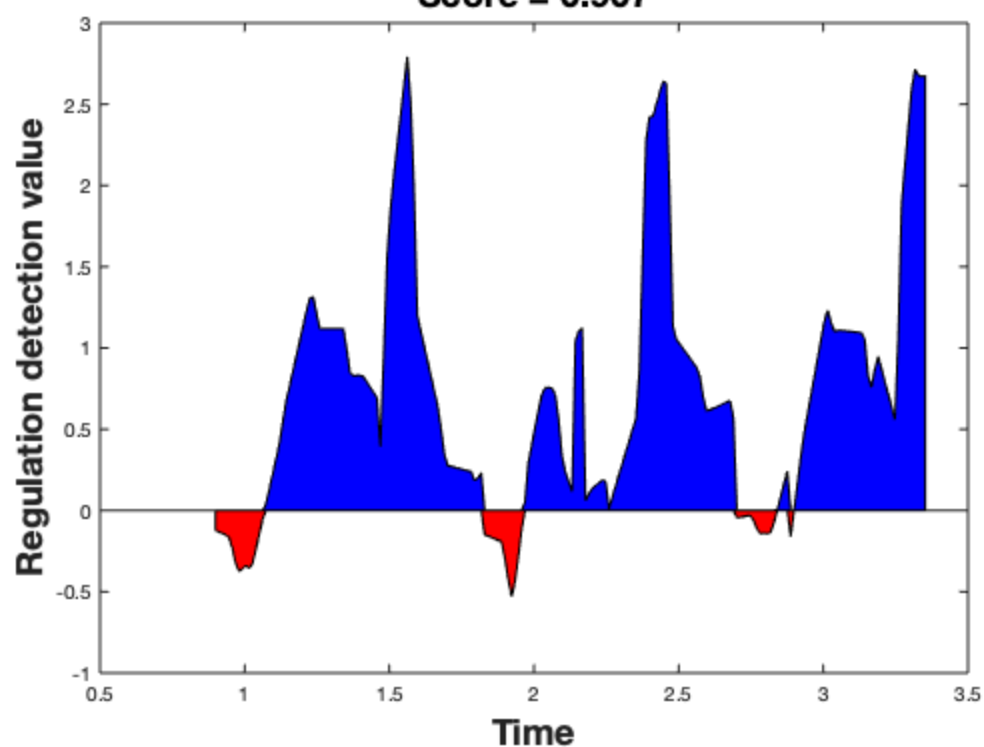
Regulation Detection Function for Variable 3 onto Variable 1
Score = -0.944



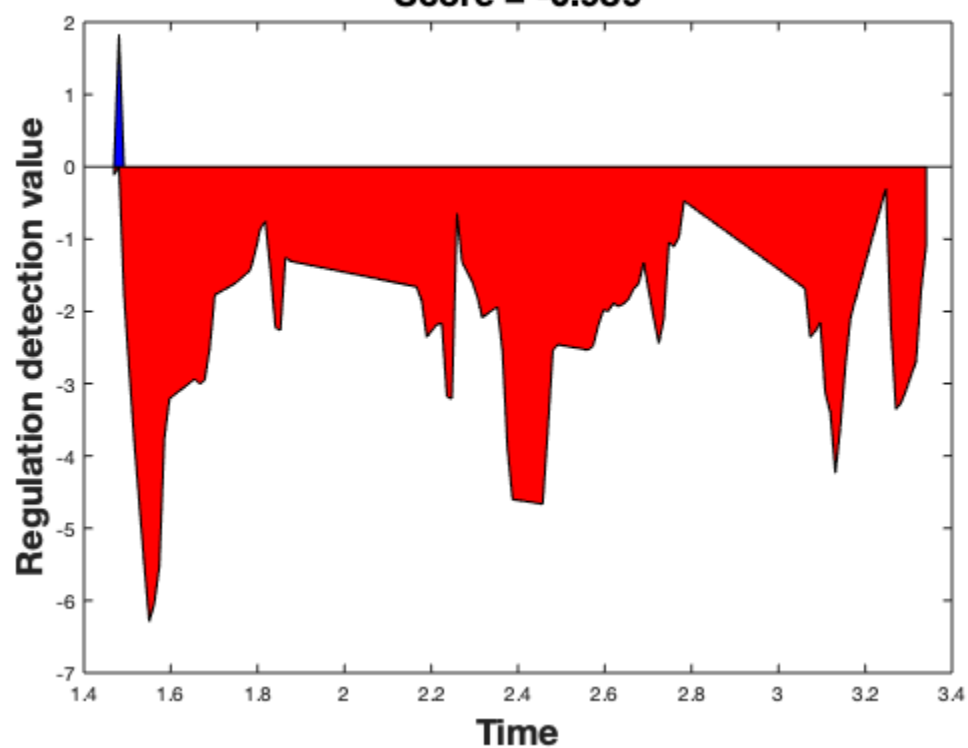
Regulation Detection Function for Variable 4 onto Variable 1
Score = -0.41



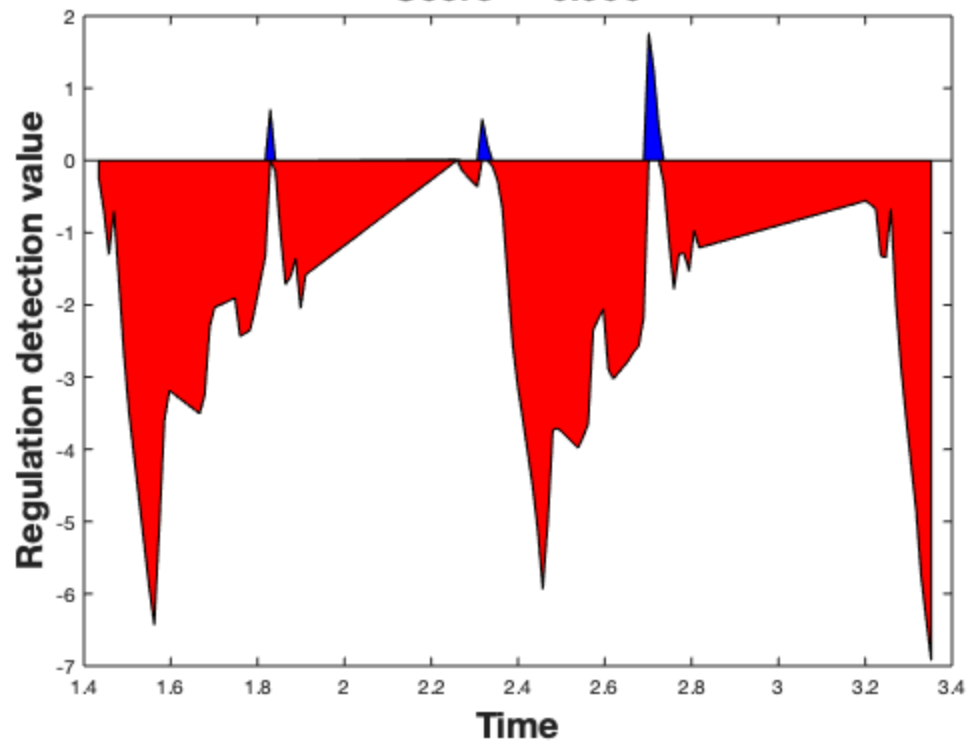
Regulation Detection Function for Variable 1 onto Variable 2
Score = 0.907



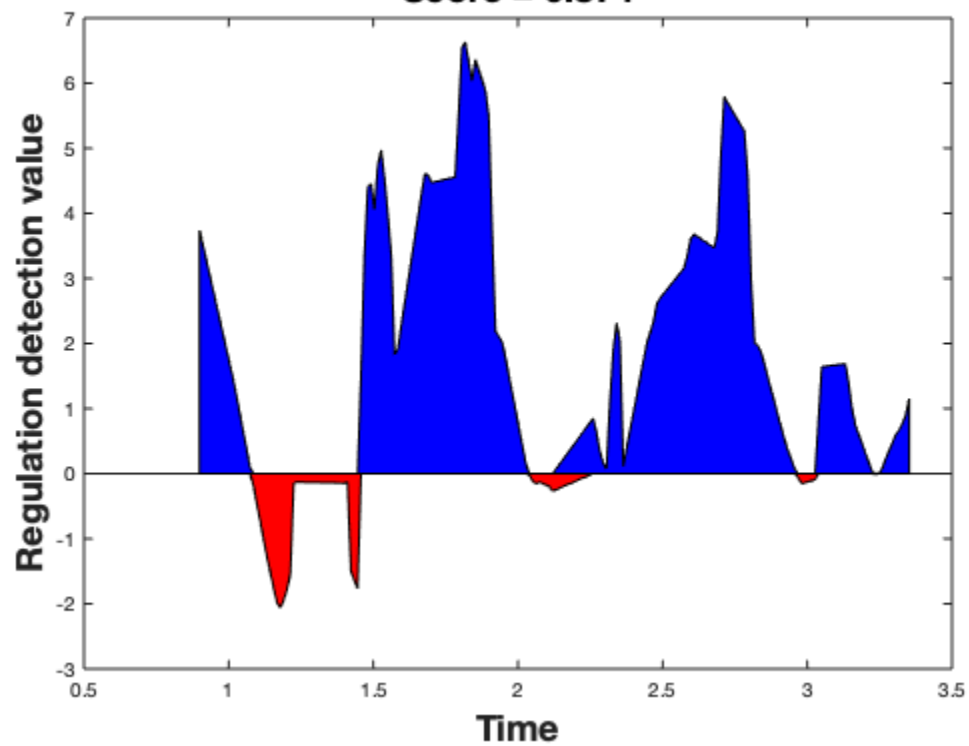
Regulation Detection Function for Variable 3 onto Variable 2
Score = -0.989



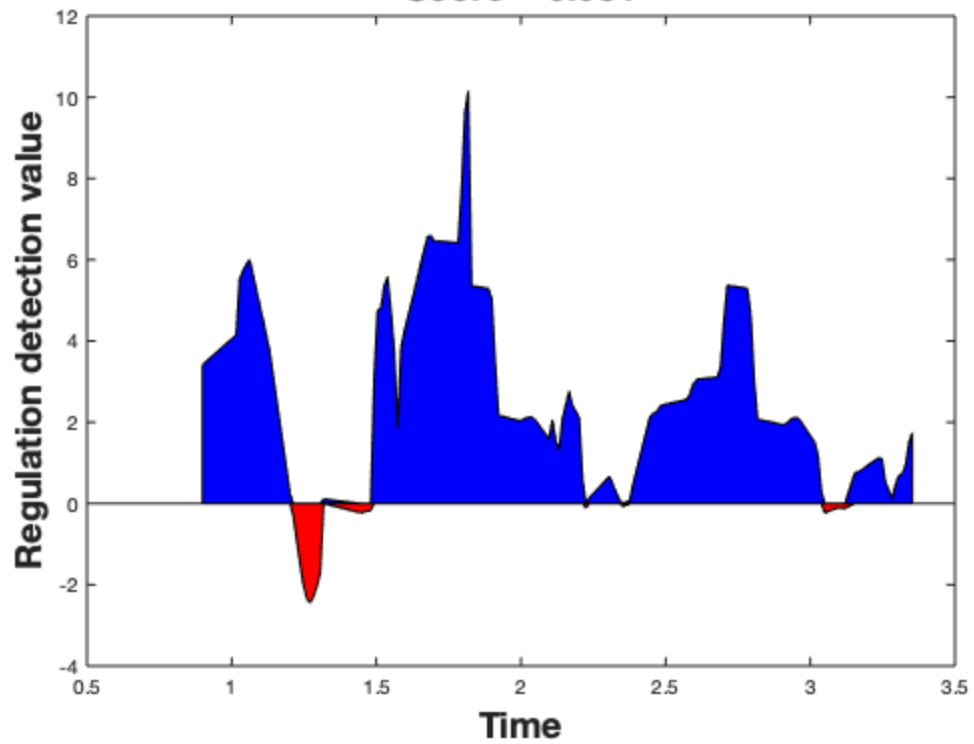
Regulation Detection Function for Variable 4 onto Variable 2
Score = -0.966



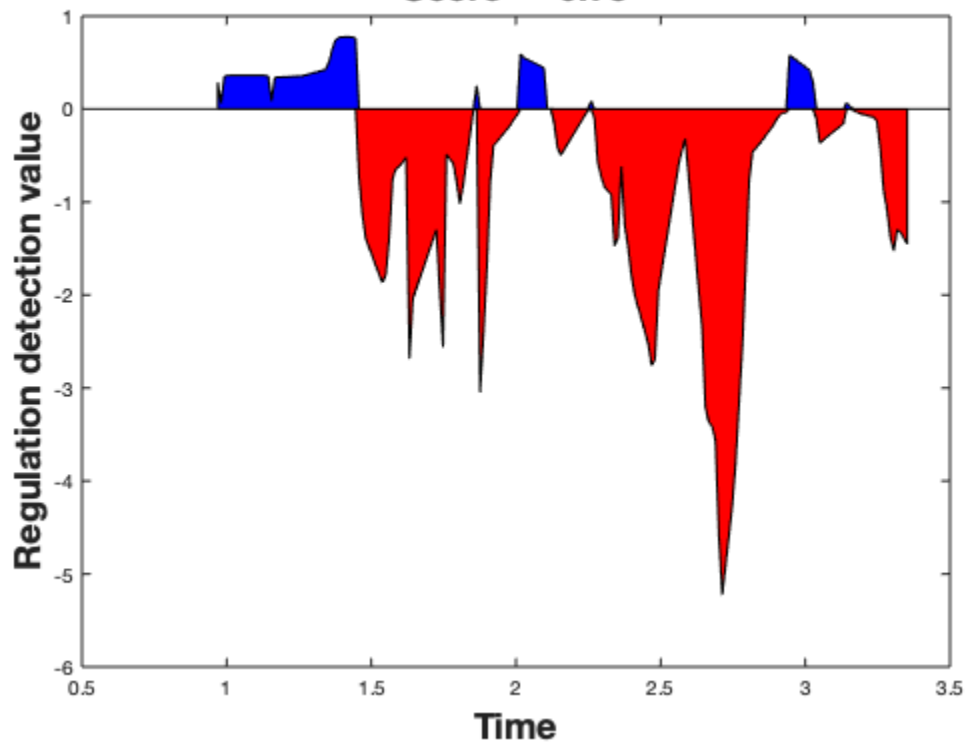
Regulation Detection Function for Variable 1 onto Variable 3
Score = 0.874



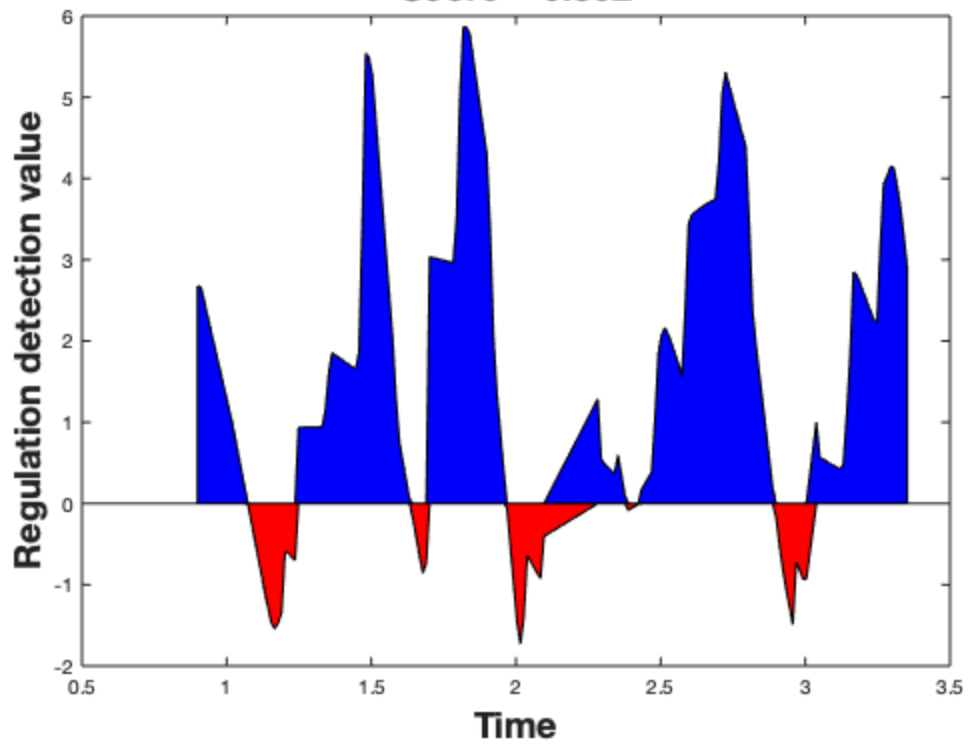
Regulation Detection Function for Variable 2 onto Variable 3
Score = 0.931



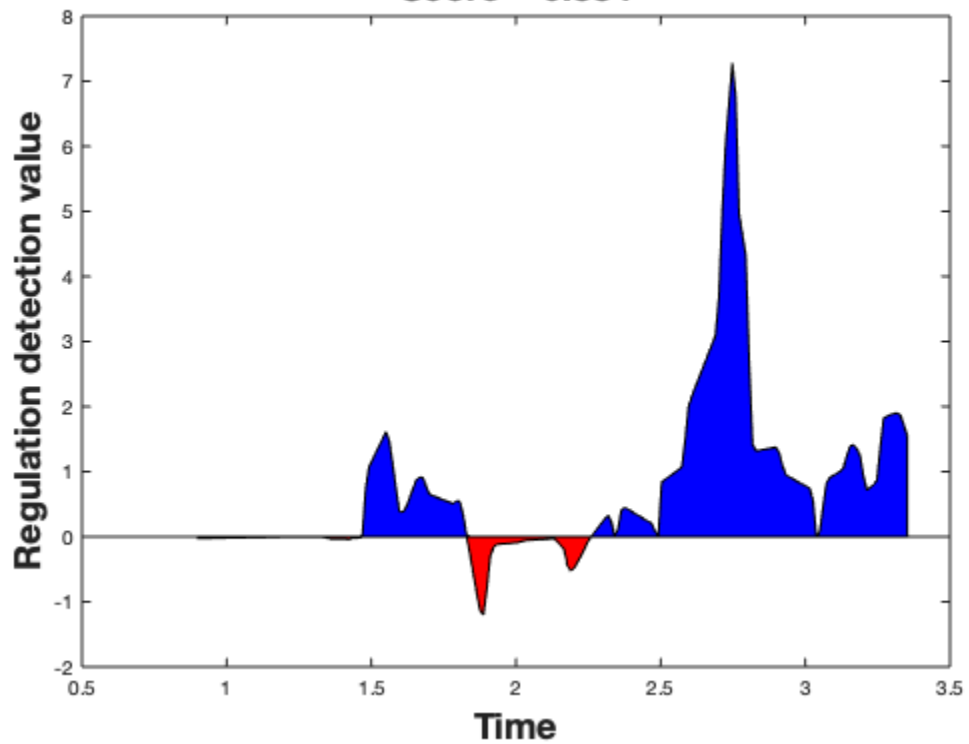
Regulation Detection Function for Variable 4 onto Variable 3
Score = -0.73



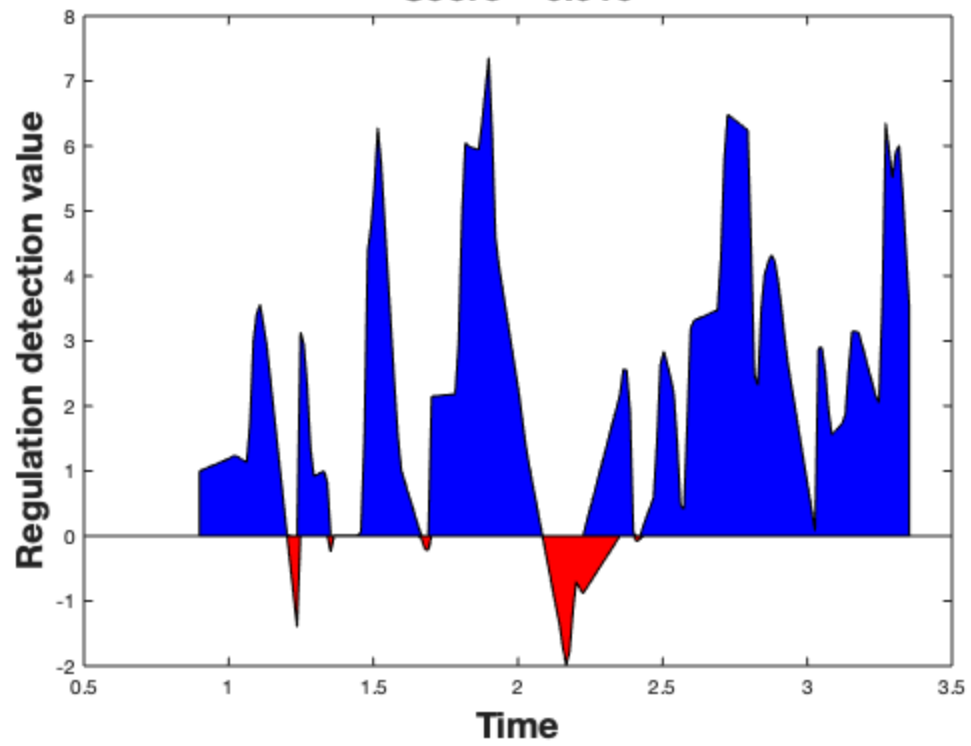
Regulation Detection Function for Variable 1 onto Variable 4
Score = 0.802



Regulation Detection Function for Variable 3 onto Variable 4
Score = 0.884



Regulation Detection Function for Variable 2 onto Variable 4
Score = 0.916



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