Method Assignment

Algorithms			
A1	Stochastic Gradient Descent		
A2	Gradient Descent with Probabilistic Assumptions		
A3	Alternating Least Squares		
Regularizations			
R1	Penalty of Magnitudes		
R2	Bias and Intercepts		
R3	Temporal Dynamics		
Post-processing			
P2	KNN		
Р3	kernel ridge regression		

Pairings	Algorithm	Regularization	Post processing
1	A1		P2
2	A1		Р3
3	A1	R3	P2
4	A1	R3	Р3
5	A1	R1+R2	P2
6	A1	R1+R2	Р3
7	A2		P2
8	A2		P3
9	A3		P2
10	A3		Р3
11	A3	R1+R2	P2
12	A3	R1+R2	Р3
13	A3	R3	P2
14	A3	R3	Р3

Group	Pairing Combination	Goal
Group 1	1+3+5	effect of regularizations given (A1+P2)
Group 2	9 + 11 + 13	effect of regularizations given (A3+P2)
Group 3	2 + 8	A1 vs A2 given P3
Group 4	3 + 4	P2 vs P3 given (A1+R3)
Group 5	3 + 13	A1 vs A3 given (R3+P2)
Group 6	13 + 14	P2 vs P3 given A3+R3
Group 7	7 + 8	P2 vs P3 given A2
Group 8	8 + 10	A2 vs A3 given P3
Group 9	11 + 12	P2 vs P3 given A3+(R1+R2)
Group 10	1 + 7	A1 vs A2 given P2