

Machine:	Tesla Terminal	ACInvest			
Log	1046647:48:20			.DJI	25585.69
Real Time	Data Source	Thomson	Reuters	.INX	2826.06
Real Time	Data Source 2	ICE	Data Services	.IXIC	7637.01
Last Update	5/25/2019 7:48:20				

Stock	GOOG	IBM	BLK	JPM	AAPL
Price	1133.47	132.28	435.76	109.71	178.97
Priceopen	1147.36	133.53	437	109.52	180.2
High	1149.77	134.25	438.23	109.96	182.14
Low	1131.66	131.59	434.8	109.19	178.62
Volume	1112341	2596121	277330	8537252	23714686
Volumeavg	1576358	3862081	532716	11417657	30742757
Pe	28.43	13.93	16.44	11.84	15.05
Eps	39.87	9.49	26.5	9.27	11.89
High52	1289.27	154.36	557	119.24	233.47
Low52	970.11	105.94	360.79	91.11	142
Change	-7.3	-0.11	1.87	1.07	-0.69
Beta	1.03	1.23	1.44	1.16	1.15
Changepct	-0.64	-0.08	0.43	0.98	-0.38
Shares	348264000	886643000	154522000	3243973000	4601075000

AI Forecast DATA Experimental

Forecast MAXREGN7	1,268.11	150.17	481.48	114.70	208.47
Forecast MINREGN7	1,194.24	141.43	453.44	108.02	196.33
Forecast AIBase (n+7)	1,143.24	133.63	438.93	109.87	181.31
Matrix Factorization	0	0	0	0	0
Aggregative Variables	28	34	39	32	31
AI DATA	3203542	7476828	798710	24587286	68298296
Modelling Expectations	18029279	50249671	6284381	155840118	429159171
Machine Learning pe.	993098	2317817	247600	7622059	21172472
Demand Factor	-6.3168	-0.7896	4.2441	9.6726	-3.7506

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log(yt) ~ log(yt-1)	7.255978348	7.70113322	6.798262522	8.192679269	8.632618397
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$\log(y_t) \approx y_t - y^t$	5.996992127	6.365079112	5.393751033	6.882072283	7.32577156
Model 0	$\log(y_t)$	$\log(y_{t-1})$	$\log(y_{t-12})$	$e(t)$	
Model 1	$\log(y_t)$	$\log(y_{t-1})$	$\log(y_{t-12})$	$e(t)$	$x(t)$
t=	25-05-19 **	**	**	**	**

Google Trends

Acceleration	-4.42176	-0.55272	2.97087	6.77082	-2.62542
Semantic Factor	-0.9285696	-0.1160712	0.6238827	1.4218722	-0.5513382
Model 0	1,138.67	133.10	437.17	109.44	180.59
Model 1	1,148.96	134.30	441.12	110.42	182.22
AI Rational Dmd.	1143.81	133.70	439.15	109.93	181.40

In our experiment, we focus on an approach known as Decision making using game theory. We apply principles from game theory to model the relationships between rating actions, news, market signals and decision making. We postulate the use of design capability indices to facilitate the teams making a ranged set of decisions, instead of specific ones. In the context of stock price realization, a game is a decision making process between multiple investors each of which controls a subset of design variables and seeks to minimize its cost function subject to future forecast constraints. That is, investors act like players in a game; they cooperate to achieve a set of overall goals. .End of day prices provided by Morningstar. Corporate Actions data provided by Thomson Reuters.*

