General Linear Model

Between-Subjects Factors

		Value Label	N
Router Type | Protocol	1	ecmp-mptcp	160
	2	ps-mptcp	160
	3	ps-tcp	160
	4	static-tcp	160
Juggler Enabled	1	false	320
	2	true	320

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	Mean	Std. Deviation
Goodput	ecmp-mptcp	false	2163610.944	187810.2190
		true	2322324.351	45669.04507
		Total	2242967.647	157793.4860
	ps-mptcp	false	2274885.068	251914.0979
		true	2299065.103	58734.82017
		Total	2286975.086	182734.5708
	ps-tcp	false	2227476.174	167147.1020
		true	2322156.805	77870.93384
		Total	2274816.489	138380.9736
	static-tcp	false	2278731.494	138862.9103
		true	2360967.252	46421.43538
		Total	2319849.373	111143.2738
	Total	false	2236175.920	195741.9826
		true	2326128.378	62465.05011
		Total	2281152.149	151991.4354
Throughput	ecmp-mptcp	false	3677803.449	987857.5594
		true	3270438.850	1035782.327
		Total	3474121.149	1029397.259
	ps-mptcp	false	3144856.989	1088379.792
		true	3834824.352	1154062.388
		Total	3489840.670	1170497.430
	ps-tcp	false	3140597.007	997476.4882
		true	3375215.130	1172893.260
		Total	3257906.069	1091655.670

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	N
Goodput	ecmp-mptcp	false	80
		true	80
		Total	160
	ps-mptcp	false	80
		true	80
		Total	160
	ps-tcp	false	80
		true	80
		Total	160
	static-tcp	false	80
		true	80
		Total	160
	Total	false	320
		true	320
		Total	640
Throughput	ecmp-mptcp	false	80
		true	80
		Total	160
	ps-mptcp	false	80
		true	80
		Total	160
	ps-tcp	false	80
		true	80
		Total	160

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	Mean	Std. Deviation
	static-tcp	false	3292800.104	1112693.007
		true	3498855.418	1224644.473
		Total	3395827.761	1170893.593
	Total	false	3314014.387	1065861.250
		true	3494833.437	1163111.971
		Total	3404423.912	1118339.848
Flow Completion Time	ecmp-mptcp	false	12.214184	1.1520984
		true	11.292455	.2293893
		Total	11.753319	.9483499
	ps-mptcp	false	13.815303	21.6318882
		true	11.409761	.2998489
		Total	12.612532	15.2970002
	ps-tcp	false	11.841357	.9901160
		true	11.302364	.4099081
		Total	11.571861	.8022789
	static-tcp	false	11.549506	.7589044
		true	11.107654	.2270515
		Total	11.328580	.6007381
	Total	false	12.355088	10.8336162
		true	11.278058	.3186023
		Total	11.816573	7.6767773
Mean Network Utilization	ecmp-mptcp	false	.7681071363	.1127646620
		true	.8260722090	.1078613177
		Total	.7970896727	.1137702275
	ps-mptcp	false	.9877527941	.0069484658
		true	.9862868183	.0063680291
		Total	.9870198062	.0066841445
	ps-tcp	false	.9865361637	.0070372056
		true	.9882887734	.0054084586
		Total	.9874124686	.0063175840
	static-tcp	false	.3641724858	.1973607899
		true	.2542249353	.0024547944
		Total	.3091987105	.1496571730

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	N
	static-tcp	false	80
		true	80
		Total	160
	Total	false	320
		true	320
		Total	640
Flow Completion Time	ecmp-mptcp	false	80
		true	80
		Total	160
	ps-mptcp	false	80
		true	80
		Total	160
	ps-tcp	false	80
		true	80
		Total	160
	static-tcp	false	80
		true	80
		Total	160
	Total	false	320
		true	320
		Total	640
Mean Network Utilization	ecmp-mptcp	false	80
		true	80
		Total	160
	ps-mptcp	false	80
		true	80
		Total	160
	ps-tcp	false	80
		true	80
		Total	160
	static-tcp	false	80
		true	80
		Total	160

Descriptive Statistics

Router Type | Protocol	Juggler Enabled	Mean	Std. Deviation
Total	false	.7766421450	.2787995598
	true	.7637181840	.3066672549
	Total	.7701801645	.2929068350

Descriptive Statistics

Router Type | Protocol	Juggler Enabled	N
Total	false	320
	true	320
	Total	640

Box's Test of Equality of Covariance Matrices[a]

Box's M	8685.989
F	121.537
df1	70
df2	546844.039
Sig.	.000

Tests the null hypothesis that the observed covariance matrices of the dependent variables are equal across groups.

a. Design: Intercept + router_proto + juggler_enabled + router_proto * juggler_enabled

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df
Intercept	Pillai's Trace	.999	118560.352[b]	4.000	629.000
	Wilks' Lambda	.001	118560.352[b]	4.000	629.000
	Hotelling's Trace	753.961	118560.352[b]	4.000	629.000
	Roy's Largest Root	753.961	118560.352[b]	4.000	629.000
router_proto	Pillai's Trace	.973	75.762	12.000	1893.000
	Wilks' Lambda	.084	214.851	12.000	1664.469
	Hotelling's Trace	10.211	534.098	12.000	1883.000
	Roy's Largest Root	10.145	1600.355[c]	4.000	631.000
juggler_enabled	Pillai's Trace	.154	28.603[b]	4.000	629.000
	Wilks' Lambda	.846	28.603[b]	4.000	629.000
	Hotelling's Trace	.182	28.603[b]	4.000	629.000
	Roy's Largest Root	.182	28.603[b]	4.000	629.000
router_proto * juggler_enabled	Pillai's Trace	.178	9.976	12.000	1893.000
	Wilks' Lambda	.829	10.183	12.000	1664.469
	Hotelling's Trace	.197	10.310	12.000	1883.000
	Roy's Largest Root	.127	20.067[c]	4.000	631.000

Multivariate Tests[a]

Effect		Sig.	Partial Eta Squared
Intercept	Pillai's Trace	.000	.999
	Wilks' Lambda	.000	.999
	Hotelling's Trace	.000	.999
	Roy's Largest Root	.000	.999
router_proto	Pillai's Trace	.000	.324
	Wilks' Lambda	.000	.562
	Hotelling's Trace	.000	.773
	Roy's Largest Root	.000	.910
juggler_enabled	Pillai's Trace	.000	.154
	Wilks' Lambda	.000	.154
	Hotelling's Trace	.000	.154
	Roy's Largest Root	.000	.154
router_proto * juggler_enabled	Pillai's Trace	.000	.059
	Wilks' Lambda	.000	.061
	Hotelling's Trace	.000	.062
	Roy's Largest Root	.000	.113

a. Design: Intercept + router_proto + juggler_enabled + router_proto * juggler_enabled

b. Exact statistic

c. The statistic is an upper bound on F that yields a lower bound on the significance level.

Levene's Test of Equality of Error Variances[a]

		Levene Statistic	df1	df2	Sig.
Goodput	Based on Mean	17.817	7	632	.000
	Based on Median	14.779	7	632	.000
	Based on Median and with adjusted df	14.779	7	216.118	.000
	Based on trimmed mean	16.864	7	632	.000
Throughput	Based on Mean	5.986	7	632	.000
	Based on Median	1.603	7	632	.131
	Based on Median and with adjusted df	1.603	7	543.008	.132
	Based on trimmed mean	5.567	7	632	.000
Flow Completion Time	Based on Mean	3.465	7	632	.001
	Based on Median	.977	7	632	.447
	Based on Median and with adjusted df	.977	7	79.592	.454
	Based on trimmed mean	.981	7	632	.444
Mean Network Utilization	Based on Mean	80.242	7	632	.000
	Based on Median	28.718	7	632	.000
	Based on Median and with adjusted df	28.718	7	119.750	.000
	Based on trimmed mean	62.609	7	632	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + router_proto + juggler_enabled + router_proto * juggler_enabled

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square
Corrected Model	Goodput	2.145E+12[a]	7	3.064E+11
	Throughput	3.497E+13[b]	7	4.996E+12
	Flow Completion Time	434.570[c]	7	62.081
	Mean Network Utilization	49.808[d]	7	7.115
Intercept	Goodput	3.330E+15	1	3.330E+15
	Throughput	7.418E+15	1	7.418E+15
	Flow Completion Time	89364.094	1	89364.094
	Mean Network Utilization	379.634	1	379.634
router_proto	Goodput	4.847E+11	3	1.616E+11
	Throughput	5.391E+12	3	1.797E+12
	Flow Completion Time	149.692	3	49.897
	Mean Network Utilization	49.190	3	16.397
juggler_enabled	Goodput	1.295E+12	1	1.295E+12
	Throughput	5.231E+12	1	5.231E+12
	Flow Completion Time	185.599	1	185.599
	Mean Network Utilization	.027	1	.027
router_proto * juggler_enabled	Goodput	3.654E+11	3	1.218E+11
	Throughput	2.435E+13	3	8.116E+12
	Flow Completion Time	99.280	3	33.093
	Mean Network Utilization	.591	3	.197
Error	Goodput	1.262E+13	632	1.996E+10
	Throughput	7.642E+14	632	1.209E+12
	Flow Completion Time	37223.559	632	58.898
	Mean Network Utilization	5.015	632	.008
Total	Goodput	3.345E+15	640	
	Throughput	8.217E+15	640	
	Flow Completion Time	127022.223	640	
	Mean Network Utilization	434.456	640	
Corrected Total	Goodput	1.476E+13	639	
	Throughput	7.992E+14	639	
	Flow Completion Time	37658.129	639	
	Mean Network Utilization	54.823	639	

Tests of Between-Subjects Effects

Source	Dependent Variable	F	Sig.	Partial Eta Squared
Corrected Model	Goodput	15.348	.000	.145
	Throughput	4.132	.000	.044
	Flow Completion Time	1.054	.392	.012
	Mean Network Utilization	896.789	.000	.909
Intercept	Goodput	166820.655	.000	.996
	Throughput	6134.348	.000	.907
	Flow Completion Time	1517.268	.000	.706
	Mean Network Utilization	47846.807	.000	.987
router_proto	Goodput	8.094	.000	.037
	Throughput	1.486	.217	.007
	Flow Completion Time	.847	.468	.004
	Mean Network Utilization	2066.539	.000	.907
juggler_enabled	Goodput	64.850	.000	.093
	Throughput	4.326	.038	.007
	Flow Completion Time	3.151	.076	.005
	Mean Network Utilization	3.368	.067	.005
router_proto * juggler_enabled	Goodput	6.102	.000	.028
	Throughput	6.712	.000	.031
	Flow Completion Time	.562	.640	.003
	Mean Network Utilization	24.846	.000	.105
Error	Goodput			
	Throughput			
	Flow Completion Time			
	Mean Network Utilization			
Total	Goodput			
	Throughput			
	Flow Completion Time			
	Mean Network Utilization			
Corrected Total	Goodput			
	Throughput			
	Flow Completion Time			
	Mean Network Utilization			

a. R Squared = .145 (Adjusted R Squared = .136)

b. R Squared = .044 (Adjusted R Squared = .033)

c. R Squared = .012 (Adjusted R Squared = .001)

d. R Squared = .909 (Adjusted R Squared = .908)

Post Hoc Tests

Router Type | Protocol

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Mean Difference (I-J)
Goodput	ecmp-mptcp	ps-mptcp	-44007.4382*
		ps-tcp	-31848.8420
		static-tcp	-76881.7258*
	ps-mptcp	ecmp-mptcp	44007.4382*
		ps-tcp	12158.59630
		static-tcp	-32874.2876
	ps-tcp	ecmp-mptcp	31848.84195
		ps-mptcp	-12158.5963
		static-tcp	-45032.8838*
	static-tcp	ecmp-mptcp	76881.7258*
		ps-mptcp	32874.28755
		ps-tcp	45032.8838*
Throughput	ecmp-mptcp	ps-mptcp	-15719.5207
		ps-tcp	216215.0809
		static-tcp	78293.38887
	ps-mptcp	ecmp-mptcp	15719.52073
		ps-tcp	231934.6016
		static-tcp	94012.90960
	ps-tcp	ecmp-mptcp	-216215.081
		ps-mptcp	-231934.602
		static-tcp	-137921.692
	static-tcp	ecmp-mptcp	-78293.3889
		ps-mptcp	-94012.9096
		ps-tcp	137921.6920

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Std. Error
Goodput	ecmp-mptcp	ps-mptcp	15796.98970
		ps-tcp	15796.98970
		static-tcp	15796.98970
	ps-mptcp	ecmp-mptcp	15796.98970
		ps-tcp	15796.98970
		static-tcp	15796.98970
	ps-tcp	ecmp-mptcp	15796.98970
		ps-mptcp	15796.98970
		static-tcp	15796.98970
	static-tcp	ecmp-mptcp	15796.98970
		ps-mptcp	15796.98970
		ps-tcp	15796.98970
Throughput	ecmp-mptcp	ps-mptcp	122943.1774
		ps-tcp	122943.1774
		static-tcp	122943.1774
	ps-mptcp	ecmp-mptcp	122943.1774
		ps-tcp	122943.1774
		static-tcp	122943.1774
	ps-tcp	ecmp-mptcp	122943.1774
		ps-mptcp	122943.1774
		static-tcp	122943.1774
	static-tcp	ecmp-mptcp	122943.1774
		ps-mptcp	122943.1774
		ps-tcp	122943.1774

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Sig.
Goodput	ecmp-mptcp	ps-mptcp	.028
		ps-tcp	.183
		static-tcp	.000
	ps-mptcp	ecmp-mptcp	.028
		ps-tcp	.868
		static-tcp	.160
	ps-tcp	ecmp-mptcp	.183
		ps-mptcp	.868
		static-tcp	.023
	static-tcp	ecmp-mptcp	.000
		ps-mptcp	.160
		ps-tcp	.023
Throughput	ecmp-mptcp	ps-mptcp	.999
		ps-tcp	.294
		static-tcp	.920
	ps-mptcp	ecmp-mptcp	.999
		ps-tcp	.235
		static-tcp	.870
	ps-tcp	ecmp-mptcp	.294
		ps-mptcp	.235
		static-tcp	.676
	static-tcp	ecmp-mptcp	.920
		ps-mptcp	.870
		ps-tcp	.676

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	95% ... Lower Bound
Goodput	ecmp-mptcp	ps-mptcp	-84698.5746
		ps-tcp	-72539.9783
		static-tcp	-117572.862
	ps-mptcp	ecmp-mptcp	3316.301918
		ps-tcp	-28532.5400
		static-tcp	-73565.4239
	ps-tcp	ecmp-mptcp	-8842.29438
		ps-mptcp	-52849.7326
		static-tcp	-85724.0202
	static-tcp	ecmp-mptcp	36190.58947
		ps-mptcp	-7816.84877
		ps-tcp	4341.747521
Throughput	ecmp-mptcp	ps-mptcp	-332406.287
		ps-tcp	-100471.686
		static-tcp	-238393.378
	ps-mptcp	ecmp-mptcp	-300967.246
		ps-tcp	-84752.1651
		static-tcp	-222673.857
	ps-tcp	ecmp-mptcp	-532901.848
		ps-mptcp	-548621.368
		static-tcp	-454608.459
	static-tcp	ecmp-mptcp	-394980.156
		ps-mptcp	-410699.676
		ps-tcp	-178765.075

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	95% Confidence .. Upper Bound
Goodput	ecmp-mptcp	ps-mptcp	-3316.30192
		ps-tcp	8842.294378
		static-tcp	-36190.5895
	ps-mptcp	ecmp-mptcp	84698.57457
		ps-tcp	52849.73262
		static-tcp	7816.848774
	ps-tcp	ecmp-mptcp	72539.97828
		ps-mptcp	28532.54003
		static-tcp	-4341.74752
	static-tcp	ecmp-mptcp	117572.8621
		ps-mptcp	73565.42388
		ps-tcp	85724.02018
Throughput	ecmp-mptcp	ps-mptcp	300967.2460
		ps-tcp	532901.8476
		static-tcp	394980.1556
	ps-mptcp	ecmp-mptcp	332406.2875
		ps-tcp	548621.3684
		static-tcp	410699.6763
	ps-tcp	ecmp-mptcp	100471.6859
		ps-mptcp	84752.16512
		static-tcp	178765.0747
	static-tcp	ecmp-mptcp	238393.3779
		ps-mptcp	222673.8572
		ps-tcp	454608.4588

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Mean Difference (I-J)
Flow Completion Time	ecmp-mptcp	ps-mptcp	-.859212
		ps-tcp	.181459
		static-tcp	.424739
	ps-mptcp	ecmp-mptcp	.859212
		ps-tcp	1.040671
		static-tcp	1.283952
	ps-tcp	ecmp-mptcp	-.181459
		ps-mptcp	-1.040671
		static-tcp	.243281
	static-tcp	ecmp-mptcp	-.424739
		ps-mptcp	-1.283952
		ps-tcp	-.243281
Mean Network Utilization	ecmp-mptcp	ps-mptcp	-.189930133*
		ps-tcp	-.190322796*
		static-tcp	.487890962*
	ps-mptcp	ecmp-mptcp	.189930133*
		ps-tcp	-.000392662
		static-tcp	.677821096*
	ps-tcp	ecmp-mptcp	.190322796*
		ps-mptcp	.0003926624
		static-tcp	.678213758*
	static-tcp	ecmp-mptcp	-.487890962*
		ps-mptcp	-.677821096*
		ps-tcp	-.678213758*

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Std. Error
Flow Completion Time	ecmp-mptcp	ps-mptcp	.8580358
		ps-tcp	.8580358
		static-tcp	.8580358
	ps-mptcp	ecmp-mptcp	.8580358
		ps-tcp	.8580358
		static-tcp	.8580358
	ps-tcp	ecmp-mptcp	.8580358
		ps-mptcp	.8580358
		static-tcp	.8580358
	static-tcp	ecmp-mptcp	.8580358
		ps-mptcp	.8580358
		ps-tcp	.8580358
Mean Network Utilization	ecmp-mptcp	ps-mptcp	.0099588879
		ps-tcp	.0099588879
		static-tcp	.0099588879
	ps-mptcp	ecmp-mptcp	.0099588879
		ps-tcp	.0099588879
		static-tcp	.0099588879
	ps-tcp	ecmp-mptcp	.0099588879
		ps-mptcp	.0099588879
		static-tcp	.0099588879
	static-tcp	ecmp-mptcp	.0099588879
		ps-mptcp	.0099588879
		ps-tcp	.0099588879

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Sig.
Flow Completion Time	ecmp-mptcp	ps-mptcp	.749
		ps-tcp	.997
		static-tcp	.960
	ps-mptcp	ecmp-mptcp	.749
		ps-tcp	.619
		static-tcp	.440
	ps-tcp	ecmp-mptcp	.997
		ps-mptcp	.619
		static-tcp	.992
	static-tcp	ecmp-mptcp	.960
		ps-mptcp	.440
		ps-tcp	.992
Mean Network Utilization	ecmp-mptcp	ps-mptcp	.000
		ps-tcp	.000
		static-tcp	.000
	ps-mptcp	ecmp-mptcp	.000
		ps-tcp	1.000
		static-tcp	.000
	ps-tcp	ecmp-mptcp	.000
		ps-mptcp	1.000
		static-tcp	.000
	static-tcp	ecmp-mptcp	.000
		ps-mptcp	.000
		ps-tcp	.000

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	95% ... Lower Bound
Flow Completion Time	ecmp-mptcp	ps-mptcp	-3.069409
		ps-tcp	-2.028738
		static-tcp	-1.785457
	ps-mptcp	ecmp-mptcp	-1.350984
		ps-tcp	-1.169525
		static-tcp	-.926245
	ps-tcp	ecmp-mptcp	-2.391655
		ps-mptcp	-3.250868
		static-tcp	-1.966916
	static-tcp	ecmp-mptcp	-2.634936
		ps-mptcp	-3.494148
		ps-tcp	-2.453477
Mean Network Utilization	ecmp-mptcp	ps-mptcp	-.215583025
		ps-tcp	-.215975688
		static-tcp	.4622380705
	ps-mptcp	ecmp-mptcp	.1642772418
		ps-tcp	-.026045554
		static-tcp	.6521682040
	ps-tcp	ecmp-mptcp	.1646699042
		ps-mptcp	-.025260229
		static-tcp	.6525608664
	static-tcp	ecmp-mptcp	-.513543854
		ps-mptcp	-.703473987
		ps-tcp	-.703866650

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	95% Confidence .. Upper Bound
Flow Completion Time	ecmp-mptcp	ps-mptcp	1.350984
		ps-tcp	2.391655
		static-tcp	2.634936
	ps-mptcp	ecmp-mptcp	3.069409
		ps-tcp	3.250868
		static-tcp	3.494148
	ps-tcp	ecmp-mptcp	2.028738
		ps-mptcp	1.169525
		static-tcp	2.453477
	static-tcp	ecmp-mptcp	1.785457
		ps-mptcp	.926245
		ps-tcp	1.966916
Mean Network Utilization	ecmp-mptcp	ps-mptcp	-.164277242
		ps-tcp	-.164669904
		static-tcp	.5135438538
	ps-mptcp	ecmp-mptcp	.2155830252
		ps-tcp	.0252602293
		static-tcp	.7034739873
	ps-tcp	ecmp-mptcp	.2159756876
		ps-mptcp	.0260455541
		static-tcp	.7038666497
	static-tcp	ecmp-mptcp	-.462238070
		ps-mptcp	-.652168204
		ps-tcp	-.652560866

Based on observed means.
The error term is Mean Square(Error) = .008.

*. The mean difference is significant at the .05 level.

Homogeneous Subsets

Goodput

Tukey HSD[a,b]

Router Type | Protocol	N	Subset 1	2	3
ecmp-mptcp	160	2242967.647		
ps-tcp	160	2274816.489	2274816.489	
ps-mptcp	160		2286975.086	2286975.086
static-tcp	160			2319849.373
Sig.		.183	.868	.160

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 19963590676.716.

a. Uses Harmonic Mean Sample Size = 160.000.

b. Alpha = .05.

Throughput

Tukey HSD[a,b]

Router Type | Protocol	N	Subset 1
ps-tcp	160	3257906.069
static-tcp	160	3395827.761
ecmp-mptcp	160	3474121.149
ps-mptcp	160	3489840.670
Sig.		.235

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 1209201989060.496.

a. Uses Harmonic Mean Sample Size = 160.000.

b. Alpha = .05.

Flow Completion Time

Tukey HSD[a,b]

Router Type | Protocol	N	Subset 1
static-tcp	160	11.328580
ps-tcp	160	11.571861
ecmp-mptcp	160	11.753319
ps-mptcp	160	12.612532
Sig.		.440

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 58.898.

a. Uses Harmonic Mean Sample Size = 160.000.

b. Alpha = .05.

Mean Network Utilization

Tukey HSD[a,b]

Router Type | Protocol	N	Subset 1	2	3
static-tcp	160	.3091987105		
ecmp-mptcp	160		.7970896727	
ps-mptcp	160			.9870198062
ps-tcp	160			.9874124686
Sig.		1.000	1.000	1.000

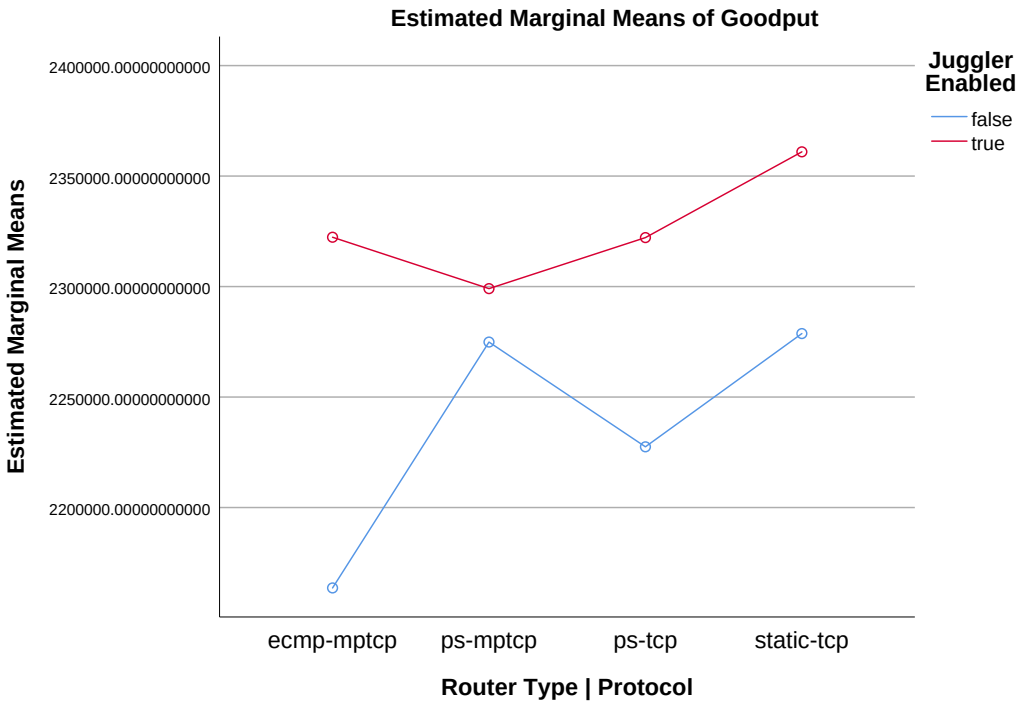
Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .008.

a. Uses Harmonic Mean Sample Size = 160.000.

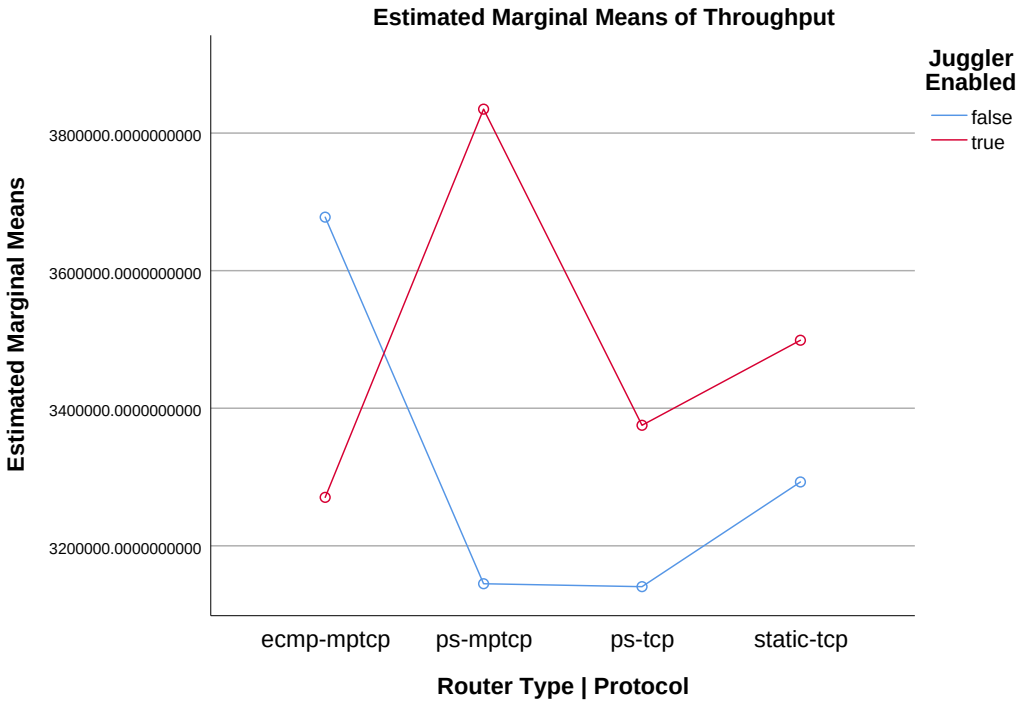
b. Alpha = .05.

Profile Plots

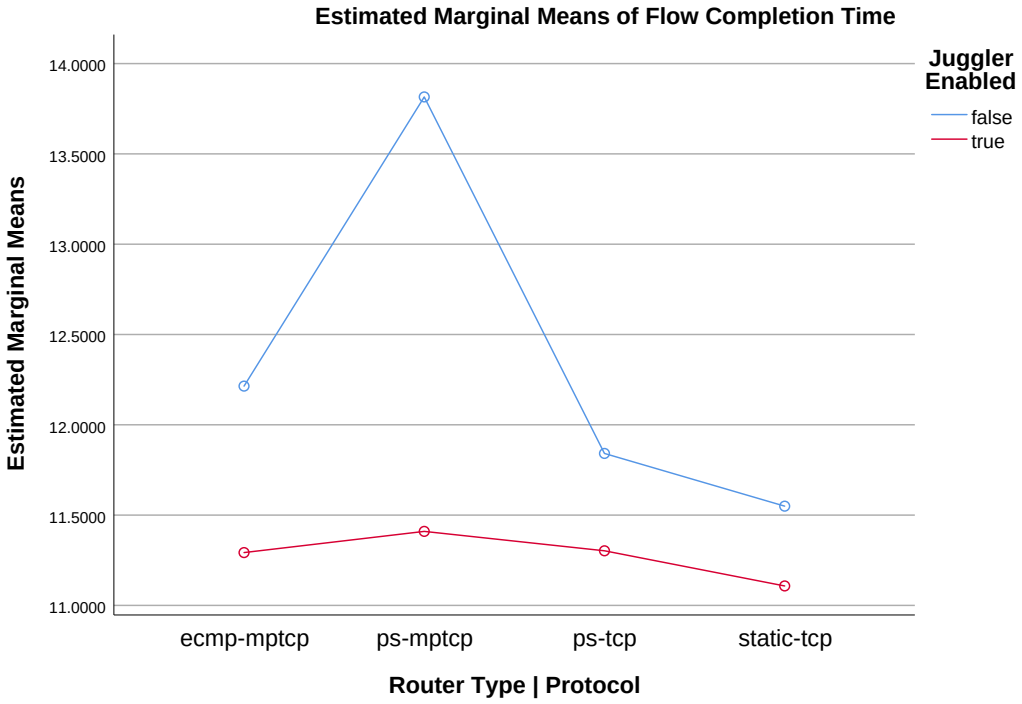
Goodput



Throughput



Flow Completion Time



Mean Network Utilization