General Linear Model

Between-Subjects Factors

		Value Label	N
Router Type | Protocol	1	ecmp-mptcp	140
	2	ps-mptcp	140
	3	ps-tcp	140
	4	static-tcp	140
Juggler Enabled	1	false	280
	2	true	280

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	Mean	Std. Deviation
Goodput	ecmp-mptcp	false	301659.4835	44046.62460
		true	249797.5679	50415.79013
		Total	275728.5257	53870.76032
	ps-mptcp	false	307845.5649	45154.04287
		true	303641.8949	114422.5651
		Total	305743.7299	86693.28380
	ps-tcp	false	384021.8135	73310.86511
		true	332815.5452	88422.48659
		Total	358418.6793	84907.53258
	static-tcp	false	367828.1684	31176.36072
		true	392822.8344	60251.48138
		Total	380325.5014	49415.13424
	Total	false	340338.7576	62146.76238
		true	319769.4606	96815.82508
		Total	330054.1091	81926.10495
Throughput	ecmp-mptcp	false	483559.1959	124157.1724
		true	570648.7035	139848.4934
		Total	527103.9497	138817.4645
	ps-mptcp	false	474211.7406	103859.3794
		true	695273.4408	128847.5844
		Total	584742.5907	160936.8730
	ps-tcp	false	493994.1794	192276.8573
		true	779457.5852	210590.2098
		Total	636725.8823	246750.2841

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	N
Goodput	ecmp-mptcp	false	70
		true	70
		Total	140
	ps-mptcp	false	70
		true	70
		Total	140
	ps-tcp	false	70
		true	70
		Total	140
	static-tcp	false	70
		true	70
		Total	140
	Total	false	280
		true	280
		Total	560
Throughput	ecmp-mptcp	false	70
		true	70
		Total	140
	ps-mptcp	false	70
		true	70
		Total	140
	ps-tcp	false	70
		true	70
		Total	140

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	Mean	Std. Deviation
	static-tcp	false	407115.7985	78445.93096
		true	712262.8684	169958.2097
		Total	559689.3334	202088.8248
	Total	false	464720.2286	135293.4570
		true	689410.6495	181016.6538
		Total	577065.4390	195279.3337
Flow Completion Time	ecmp-mptcp	false	1.733577	.2586301
		true	2.115506	.3409796
		Total	1.924541	.3572802
	ps-mptcp	false	1.701321	.2714573
		true	1.812667	.3892399
		Total	1.756994	.3389839
	ps-tcp	false	1.370703	.2023036
		true	1.614116	.3067870
		Total	1.492409	.2862792
	static-tcp	false	1.400590	.1042665
		true	1.330356	.1808468
		Total	1.365473	.1512411
	Total	false	1.551548	.2746663
		true	1.718161	.4241356
		Total	1.634854	.3665928
Mean Network Utilization	ecmp-mptcp	false	.7371761755	.1204998708
		true	.7691865264	.1195890903
		Total	.7531813509	.1206864443
	ps-mptcp	false	.9321688628	.0444716316
		true	.9331295724	.0395439765
		Total	.9326492176	.0419311270
	ps-tcp	false	.9239873214	.0489535179
		true	.9271760028	.0442758329
		Total	.9255816621	.0465326383
	static-tcp	false	.3518974544	.2045373379
		true	.3340039633	.1718100128
		Total	.3429507089	.1884172282

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	N
	static-tcp	false	70
		true	70
		Total	140
	Total	false	280
		true	280
		Total	560
Flow Completion Time	ecmp-mptcp	false	70
		true	70
		Total	140
	ps-mptcp	false	70
		true	70
		Total	140
	ps-tcp	false	70
		true	70
		Total	140
	static-tcp	false	70
		true	70
		Total	140
	Total	false	280
		true	280
		Total	560
Mean Network Utilization	ecmp-mptcp	false	70
		true	70
		Total	140
	ps-mptcp	false	70
		true	70
		Total	140
	ps-tcp	false	70
		true	70
		Total	140
	static-tcp	false	70
		true	70
		Total	140

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	Mean	Std. Deviation
	Total	false	.7363074535	.2656254535
		true	.7408740162	.2672563363
		Total	.7385907349	.2662135251

Descriptive Statistics

	Router Type | Protocol	Juggler Enabled	N
	Total	false	280
		true	280
		Total	560

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

Box's M	1684.945
F	23.504
df1	70
df2	417164.632
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	.998	84347.093[b]	4.000	549.000
	Wilks' Lambda	.002	84347.093[b]	4.000	549.000
	Hotelling's Trace	614.551	84347.093[b]	4.000	549.000
	Roy's Largest Root	614.551	84347.093[b]	4.000	549.000
router_proto	Pillai's Trace	1.173	88.399	12.000	1653.000
	Wilks' Lambda	.108	159.655	12.000	1452.809
	Hotelling's Trace	5.659	258.284	12.000	1643.000
	Roy's Largest Root	5.157	710.316[c]	4.000	551.000
juggler_enabled	Pillai's Trace	.472	122.696[b]	4.000	549.000
	Wilks' Lambda	.528	122.696[b]	4.000	549.000
	Hotelling's Trace	.894	122.696[b]	4.000	549.000
	Roy's Largest Root	.894	122.696[b]	4.000	549.000
router_proto * juggler_enabled	Pillai's Trace	.186	9.106	12.000	1653.000
	Wilks' Lambda	.820	9.424	12.000	1452.809
	Hotelling's Trace	.212	9.670	12.000	1643.000
	Roy's Largest Root	.167	23.052[c]	4.000	551.000

Multivariate Tests[a]

Effect		Sig.	Partial Eta Squared
Intercept	Pillai's Trace	.000	.998
	Wilks' Lambda	.000	.998
	Hotelling's Trace	.000	.998
	Roy's Largest Root	.000	.998
router_proto	Pillai's Trace	.000	.391
	Wilks' Lambda	.000	.524
	Hotelling's Trace	.000	.654
	Roy's Largest Root	.000	.838
juggler_enabled	Pillai's Trace	.000	.472
	Wilks' Lambda	.000	.472
	Hotelling's Trace	.000	.472
	Roy's Largest Root	.000	.472
router_proto * juggler_enabled	Pillai's Trace	.000	.062
	Wilks' Lambda	.000	.064
	Hotelling's Trace	.000	.066
	Roy's Largest Root	.000	.143

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	5.400	7	552	.000
	Based on Median	3.465	7	552	.001
	Based on Median and with adjusted df	3.465	7	283.359	.001
	Based on trimmed mean	4.002	7	552	.000
Throughput	Based on Mean	8.303	7	552	.000
	Based on Median	5.960	7	552	.000
	Based on Median and with adjusted df	5.960	7	359.629	.000
	Based on trimmed mean	7.803	7	552	.000
Flow Completion Time	Based on Mean	9.750	7	552	.000
	Based on Median	7.154	7	552	.000
	Based on Median and with adjusted df	7.154	7	401.857	.000
	Based on trimmed mean	9.367	7	552	.000
Mean Network Utilization	Based on Mean	24.173	7	552	.000
	Based on Median	6.467	7	552	.000
	Based on Median and with adjusted df	6.467	7	182.401	.000
	Based on trimmed mean	15.522	7	552	.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	1.171E+12[a]	7	1.673E+11
	Throughput	8.985E+12[b]	7	1.284E+12
	Flow Completion Time	34.623[c]	7	4.946
	Mean Network Utilization	32.159[d]	7	4.594
Intercept	Goodput	6.100E+13	1	6.100E+13
	Throughput	1.865E+14	1	1.865E+14
	Flow Completion Time	1496.740	1	1496.740
	Mean Network Utilization	305.489	1	305.489
router_proto	Goodput	9.624E+11	3	3.208E+11
	Throughput	8.983E+11	3	2.994E+11
	Flow Completion Time	26.837	3	8.946
	Mean Network Utilization	32.112	3	10.704
juggler_enabled	Goodput	5.923E+10	1	5.923E+10
	Throughput	7.068E+12	1	7.068E+12
	Flow Completion Time	3.886	1	3.886
	Mean Network Utilization	.003	1	.003
router_proto * juggler_enabled	Goodput	1.492E+11	3	4.972E+10
	Throughput	1.019E+12	3	3.397E+11
	Flow Completion Time	3.899	3	1.300
	Mean Network Utilization	.045	3	.015
Error	Goodput	2.581E+12	552	4676061698
	Throughput	1.233E+13	552	2.234E+10
	Flow Completion Time	40.501	552	.073
	Mean Network Utilization	7.457	552	.014
Total	Goodput	6.476E+13	560	
	Throughput	2.078E+14	560	
	Flow Completion Time	1571.864	560	
	Mean Network Utilization	345.105	560	
Corrected Total	Goodput	3.752E+12	559	
	Throughput	2.132E+13	559	
	Flow Completion Time	75.124	559	
	Mean Network Utilization	39.616	559	

Tests of Between-Subjects Effects

Source	Dependent Variable	F	Sig.	Partial Eta Squared
Corrected Model	Goodput	35.768	.000	.312
	Throughput	57.458	.000	.422
	Flow Completion Time	67.412	.000	.461
	Mean Network Utilization	340.073	.000	.812
Intercept	Goodput	13046.021	.000	.959
	Throughput	8347.507	.000	.938
	Flow Completion Time	20399.347	.000	.974
	Mean Network Utilization	22613.283	.000	.976
router_proto	Goodput	68.602	.000	.272
	Throughput	13.403	.000	.068
	Flow Completion Time	121.923	.000	.399
	Mean Network Utilization	792.333	.000	.812
juggler_enabled	Goodput	12.667	.000	.022
	Throughput	316.385	.000	.364
	Flow Completion Time	52.968	.000	.088
	Mean Network Utilization	.216	.642	.000
router_proto * juggler_enabled	Goodput	10.633	.000	.055
	Throughput	15.204	.000	.076
	Flow Completion Time	17.715	.000	.088
	Mean Network Utilization	1.099	.349	.006
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 = .312 (Adjusted R Squared = .303)

b. R Squared = .422 (Adjusted R Squared = .414)

c. R Squared = .461 (Adjusted R Squared = .454)

d. R Squared = .812 (Adjusted R Squared = .809)

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	-30015.2042*
		ps-tcp	-82690.1536*
		static-tcp	-104596.976*
	ps-mptcp	ecmp-mptcp	30015.2042*
		ps-tcp	-52674.9494*
		static-tcp	-74581.7715*
	ps-tcp	ecmp-mptcp	82690.1536*
		ps-mptcp	52674.9494*
		static-tcp	-21906.8221*
	static-tcp	ecmp-mptcp	104596.976*
		ps-mptcp	74581.7715*
		ps-tcp	21906.8221*
Throughput	ecmp-mptcp	ps-mptcp	-57638.6410*
		ps-tcp	-109621.933*
		static-tcp	-32585.3838
	ps-mptcp	ecmp-mptcp	57638.6410*
		ps-tcp	-51983.2916*
		static-tcp	25053.25726
	ps-tcp	ecmp-mptcp	109621.933*
		ps-mptcp	51983.2916*
		static-tcp	77036.5489*
	static-tcp	ecmp-mptcp	32585.38378
		ps-mptcp	-25053.2573
		ps-tcp	-77036.5489*

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Std. Error
Goodput	ecmp-mptcp	ps-mptcp	8173.180617
		ps-tcp	8173.180617
		static-tcp	8173.180617
	ps-mptcp	ecmp-mptcp	8173.180617
		ps-tcp	8173.180617
		static-tcp	8173.180617
	ps-tcp	ecmp-mptcp	8173.180617
		ps-mptcp	8173.180617
		static-tcp	8173.180617
	static-tcp	ecmp-mptcp	8173.180617
		ps-mptcp	8173.180617
		ps-tcp	8173.180617
Throughput	ecmp-mptcp	ps-mptcp	17864.53283
		ps-tcp	17864.53283
		static-tcp	17864.53283
	ps-mptcp	ecmp-mptcp	17864.53283
		ps-tcp	17864.53283
		static-tcp	17864.53283
	ps-tcp	ecmp-mptcp	17864.53283
		ps-mptcp	17864.53283
		static-tcp	17864.53283
	static-tcp	ecmp-mptcp	17864.53283
		ps-mptcp	17864.53283
		ps-tcp	17864.53283

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Sig.
Goodput	ecmp-mptcp	ps-mptcp	.002
		ps-tcp	.000
		static-tcp	.000
	ps-mptcp	ecmp-mptcp	.002
		ps-tcp	.000
		static-tcp	.000
	ps-tcp	ecmp-mptcp	.000
		ps-mptcp	.000
		static-tcp	.038
	static-tcp	ecmp-mptcp	.000
		ps-mptcp	.000
		ps-tcp	.038
Throughput	ecmp-mptcp	ps-mptcp	.007
		ps-tcp	.000
		static-tcp	.263
	ps-mptcp	ecmp-mptcp	.007
		ps-tcp	.020
		static-tcp	.498
	ps-tcp	ecmp-mptcp	.000
		ps-mptcp	.020
		static-tcp	.000
	static-tcp	ecmp-mptcp	.263
		ps-mptcp	.498
		ps-tcp	.000

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	95% ... Lower Bound
Goodput	ecmp-mptcp	ps-mptcp	-51076.4587
		ps-tcp	-103751.408
		static-tcp	-125658.230
	ps-mptcp	ecmp-mptcp	8953.949658
		ps-tcp	-73736.2040
		static-tcp	-95643.0261
	ps-tcp	ecmp-mptcp	61628.89911
		ps-mptcp	31613.69491
		static-tcp	-42968.0766
	static-tcp	ecmp-mptcp	83535.72118
		ps-mptcp	53520.51699
		ps-tcp	845.5675454
Throughput	ecmp-mptcp	ps-mptcp	-103673.287
		ps-tcp	-155656.578
		static-tcp	-78620.0294
	ps-mptcp	ecmp-mptcp	11603.99544
		ps-tcp	-98017.9372
		static-tcp	-20981.3883
	ps-tcp	ecmp-mptcp	63587.28707
		ps-mptcp	5948.646036
		static-tcp	31001.90329
	static-tcp	ecmp-mptcp	-13449.2618
		ps-mptcp	-71087.9029
		ps-tcp	-123071.194

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	95% Confidence .. Upper Bound
Goodput	ecmp-mptcp	ps-mptcp	-8953.94966
		ps-tcp	-61628.8991
		static-tcp	-83535.7212
	ps-mptcp	ecmp-mptcp	51076.45872
		ps-tcp	-31613.6949
		static-tcp	-53520.5170
	ps-tcp	ecmp-mptcp	103751.4082
		ps-mptcp	73736.20398
		static-tcp	-845.567545
	static-tcp	ecmp-mptcp	125658.2302
		ps-mptcp	95643.02606
		ps-tcp	42968.07661
Throughput	ecmp-mptcp	ps-mptcp	-11603.9954
		ps-tcp	-63587.2871
		static-tcp	13449.26182
	ps-mptcp	ecmp-mptcp	103673.2866
		ps-tcp	-5948.64604
		static-tcp	71087.90285
	ps-tcp	ecmp-mptcp	155656.5783
		ps-mptcp	98017.93723
		static-tcp	123071.1945
	static-tcp	ecmp-mptcp	78620.02938
		ps-mptcp	20981.38834
		ps-tcp	-31001.9033

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	.167547*
		ps-tcp	.432132*
		static-tcp	.559069*
	ps-mptcp	ecmp-mptcp	-.167547*
		ps-tcp	.264585*
		static-tcp	.391521*
	ps-tcp	ecmp-mptcp	-.432132*
		ps-mptcp	-.264585*
		static-tcp	.126936*
	static-tcp	ecmp-mptcp	-.559069*
		ps-mptcp	-.391521*
		ps-tcp	-.126936*
Mean Network Utilization	ecmp-mptcp	ps-mptcp	-.179467867*
		ps-tcp	-.172400311*
		static-tcp	.410230642*
	ps-mptcp	ecmp-mptcp	.179467867*
		ps-tcp	.0070675555
		static-tcp	.589698509*
	ps-tcp	ecmp-mptcp	.172400311*
		ps-mptcp	-.007067556
		static-tcp	.582630953*
	static-tcp	ecmp-mptcp	-.410230642*
		ps-mptcp	-.589698509*
		ps-tcp	-.582630953*

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Std. Error
Flow Completion Time	ecmp-mptcp	ps-mptcp	.0323755
		ps-tcp	.0323755
		static-tcp	.0323755
	ps-mptcp	ecmp-mptcp	.0323755
		ps-tcp	.0323755
		static-tcp	.0323755
	ps-tcp	ecmp-mptcp	.0323755
		ps-mptcp	.0323755
		static-tcp	.0323755
	static-tcp	ecmp-mptcp	.0323755
		ps-mptcp	.0323755
		ps-tcp	.0323755
Mean Network Utilization	ecmp-mptcp	ps-mptcp	.0138920726
		ps-tcp	.0138920726
		static-tcp	.0138920726
	ps-mptcp	ecmp-mptcp	.0138920726
		ps-tcp	.0138920726
		static-tcp	.0138920726
	ps-tcp	ecmp-mptcp	.0138920726
		ps-mptcp	.0138920726
		static-tcp	.0138920726
	static-tcp	ecmp-mptcp	.0138920726
		ps-mptcp	.0138920726
		ps-tcp	.0138920726

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Router Type | Protocol	(J) Router Type | Protocol	Sig.
Flow Completion Time	ecmp-mptcp	ps-mptcp	.000
		ps-tcp	.000
		static-tcp	.000
	ps-mptcp	ecmp-mptcp	.000
		ps-tcp	.000
		static-tcp	.000
	ps-tcp	ecmp-mptcp	.000
		ps-mptcp	.000
		static-tcp	.001
	static-tcp	ecmp-mptcp	.000
		ps-mptcp	.000
		ps-tcp	.001
Mean Network Utilization	ecmp-mptcp	ps-mptcp	.000
		ps-tcp	.000
		static-tcp	.000
	ps-mptcp	ecmp-mptcp	.000
		ps-tcp	.957
		static-tcp	.000
	ps-tcp	ecmp-mptcp	.000
		ps-mptcp	.957
		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	.084120
		ps-tcp	.348705
		static-tcp	.475641
	ps-mptcp	ecmp-mptcp	-.250975
		ps-tcp	.181158
		static-tcp	.308094
	ps-tcp	ecmp-mptcp	-.515560
		ps-mptcp	-.348012
		static-tcp	.043509
	static-tcp	ecmp-mptcp	-.642496
		ps-mptcp	-.474949
		ps-tcp	-.210364
Mean Network Utilization	ecmp-mptcp	ps-mptcp	-.215265984
		ps-tcp	-.208198428
		static-tcp	.3744325250
	ps-mptcp	ecmp-mptcp	.1436697496
		ps-tcp	-.028730562
		static-tcp	.5539003917
	ps-tcp	ecmp-mptcp	.1366021941
		ps-mptcp	-.042865673
		static-tcp	.5468328362
	static-tcp	ecmp-mptcp	-.446028759
		ps-mptcp	-.625496626
		ps-tcp	-.618429070

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	.250975
		ps-tcp	.515560
		static-tcp	.642496
	ps-mptcp	ecmp-mptcp	-.084120
		ps-tcp	.348012
		static-tcp	.474949
	ps-tcp	ecmp-mptcp	-.348705
		ps-mptcp	-.181158
		static-tcp	.210364
	static-tcp	ecmp-mptcp	-.475641
		ps-mptcp	-.308094
		ps-tcp	-.043509
Mean Network Utilization	ecmp-mptcp	ps-mptcp	-.143669750
		ps-tcp	-.136602194
		static-tcp	.4460287591
	ps-mptcp	ecmp-mptcp	.2152659837
		ps-tcp	.0428656726
		static-tcp	.6254966258
	ps-tcp	ecmp-mptcp	.2081984282
		ps-mptcp	.0287305615
		static-tcp	.6184290703
	static-tcp	ecmp-mptcp	-.374432525
		ps-mptcp	-.553900392
		ps-tcp	-.546832836

Based on observed means.
The error term is Mean Square(Error) = .014.

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

Homogeneous Subsets

Goodput

Tukey HSD[a,b]

Router Type | Protocol	N	Subset 1	2	3	4
ecmp-mptcp	140	275728.5257			
ps-mptcp	140		305743.7299		
ps-tcp	140			358418.6793	
static-tcp	140				380325.5014
Sig.		1.000	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) = 4676061698.359.

a. Uses Harmonic Mean Sample Size = 140.000.

b. Alpha = .05.

Throughput

Tukey HSD[a,b]

Router Type | Protocol	N	Subset 1	2	3
ecmp-mptcp	140	527103.9497		
static-tcp	140	559689.3334	559689.3334	
ps-mptcp	140		584742.5907	
ps-tcp	140			636725.8823
Sig.		.263	.498	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 22339907338.667.

a. Uses Harmonic Mean Sample Size = 140.000.

b. Alpha = .05.

Flow Completion Time

Tukey HSD[a,b]

Router Type | Protocol	N	Subset 1	2	3	4
static-tcp	140	1.365473			
ps-tcp	140		1.492409		
ps-mptcp	140			1.756994	
ecmp-mptcp	140				1.924541
Sig.		1.000	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) = .073.

a. Uses Harmonic Mean Sample Size = 140.000.

b. Alpha = .05.

Mean Network Utilization

Tukey HSD[a,b]

Router Type | Protocol	N	Subset 1	2	3
static-tcp	140	.3429507089		
ecmp-mptcp	140		.7531813509	
ps-tcp	140			.9255816621
ps-mptcp	140			.9326492176
Sig.		1.000	1.000	.957

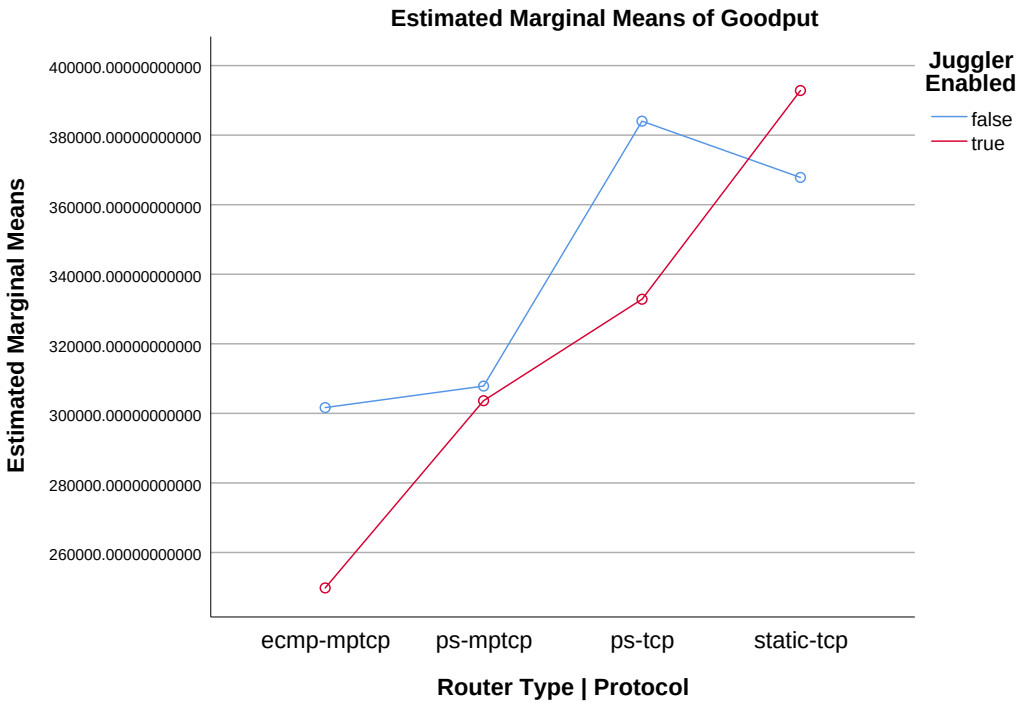
Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .014.

a. Uses Harmonic Mean Sample Size = 140.000.

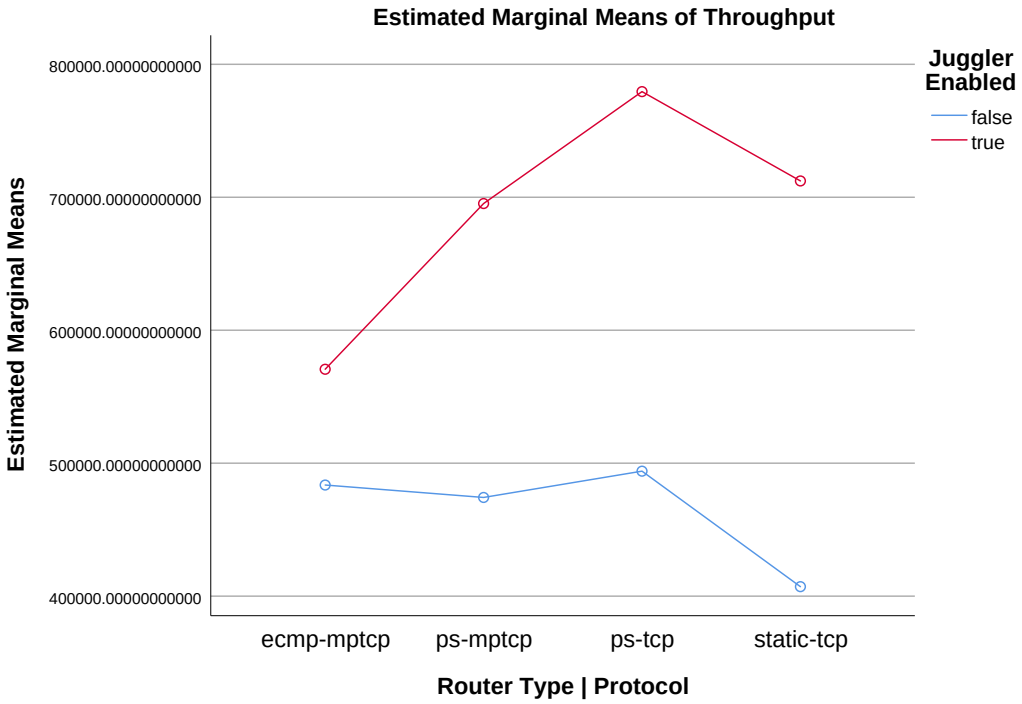
b. Alpha = .05.

Profile Plots

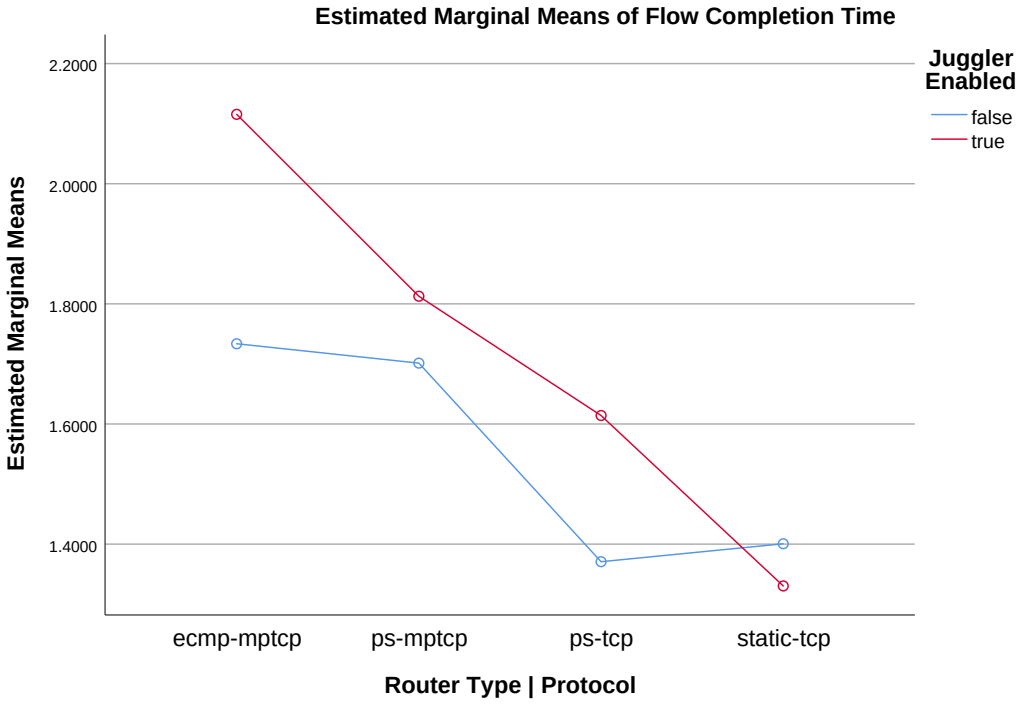
Goodput



Throughput



Flow Completion Time



Mean Network Utilization