

The CORR Procedure

20 Variables:	GameID	LeagueIndex	Age	HoursPerWeek	TotalHours	APM	SelectByHotkeys
	AssignToHotkeys	UniqueHotkeys	MinimapAttacks	MinimapRightClicks	NumberOfPACs		
	GapBetweenPACs	ActionLatency	ActionsInPAC	TotalMapExplored	WorkersMade	UniqueUnitsMade	
	ComplexUnitsMade	ComplexAbilitiesUsed					

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
GameID	3395	4805	2720	16313017	52.00000	10095
LeagueIndex	3395	4.18409	1.51733	14205	1.00000	8.00000
Age	3340	21.64790	4.20634	72304	16.00000	44.00000
HoursPerWeek	3339	15.91075	11.96291	53126	0	168.00000
TotalHours	3338	960.42181	17318	3205888	3.00000	1000000
APM	3395	117.04695	51.94529	397374	22.05960	389.83140
SelectByHotkeys	3395	0.00430	0.00528	14.59395	0	0.04309
AssignToHotkeys	3395	0.0003736	0.0002249	1.26829	0	0.00175
UniqueHotkeys	3395	4.36465	2.36033	14818	0	10.00000
MinimapAttacks	3395	0.0000983	0.0001659	0.33375	0	0.00302
MinimapRightClicks	3395	0.0003874	0.0003770	1.31535	0	0.00404
NumberOfPACs	3395	0.00346	0.0009923	11.75650	0.0006790	0.00797
GapBetweenPACs	3395	40.36156	17.15357	137028	6.66670	237.14290
ActionLatency	3395	63.73940	19.23887	216395	24.09360	176.37210
ActionsInPAC	3395	5.27299	1.49484	17902	2.03890	18.55810
TotalMapExplored	3395	22.13166	7.43172	75137	5.00000	58.00000
WorkersMade	3395	0.00103	0.0005190	3.50257	0.0000770	0.00515
UniqueUnitsMade	3395	6.53402	1.85770	22183	2.00000	13.00000
ComplexUnitsMade	3395	0.0000594	0.0001111	0.20177	0	0.0009023
ComplexAbilitiesUsed	3395	0.0001419	0.0002652	0.48168	0	0.00308

The CORR Procedure

Pearson Correlation Coefficients
 Prob > |r| under H0: Rho=0
 Number of Observations

	GameID	LeagueIndex	Age	HoursPerWeek	TotalHours	APM	SelectByHotkeys
GameID	1.00000 <.0001 3395	0.10260 <.0001 3395	0.08886 <.0001 3340	-0.02546 0.1414 3339	0.00418 0.8093 3338	0.15969 <.0001 3395	0.16080 <.0001 3395
LeagueIndex	0.10260 <.0001 3395	1.00000 <.0001 3395	-0.12782 <.0001 3340	0.21798 <.0001 3339	0.02388 0.1677 3338	0.66231 <.0001 3395	0.49060 <.0001 3395
Age	0.08886 <.0001 3340	-0.12782 <.0001 3340	1.00000 <.0001 3340	-0.18451 <.0001 3339	-0.01663 0.3368 3338	-0.21056 <.0001 3340	-0.13118 <.0001 3340
HoursPerWeek	-0.02546 0.1414 3339	0.21798 <.0001 3339	-0.18451 <.0001 3339	1.00000 <.0001 3339	0.02431 0.1603 3338	0.24684 <.0001 3339	0.20578 <.0001 3339
TotalHours	0.00418 0.8093 3338	0.02388 0.1677 3338	-0.01663 0.3368 3338	0.02431 0.1603 3338	1.00000 <.0001 3338	0.07285 <.0001 3338	0.08183 <.0001 3338
APM	0.15969 <.0001 3395	0.66231 <.0001 3395	-0.21056 <.0001 3340	0.24684 <.0001 3339	0.07285 <.0001 3338	1.00000 <.0001 3395	0.84069 <.0001 3395
SelectByHotkeys	0.16080 <.0001 3395	0.49060 <.0001 3395	-0.13118 <.0001 3340	0.20578 <.0001 3339	0.08183 <.0001 3338	0.84069 <.0001 3395	1.00000 <.0001 3395
AssignToHotkeys	0.13618 <.0001 3395	0.53112 <.0001 3395	-0.10561 <.0001 3340	0.15842 <.0001 3339	0.04241 0.0143 3338	0.57842 <.0001 3395	0.50453 <.0001 3395
UniqueHotkeys	0.11737 <.0001 3395	0.35121 <.0001 3395	0.01545 0.3722 3340	0.07020 <.0001 3339	0.00932 0.5905 3338	0.36170 <.0001 3395	0.30210 <.0001 3395
MinimapAttacks	0.07404 <.0001 3395	0.31254 <.0001 3395	0.04339 0.0121 3340	0.08405 <.0001 3339	0.00087 0.9597 3338	0.27102 <.0001 3395	0.19716 <.0001 3395
MinimapRightClicks	0.04658 0.0066 3395	0.23323 <.0001 3395	-0.01958 0.2579 3340	0.04942 0.0043 3339	0.00766 0.6581 3338	0.32218 <.0001 3395	0.14337 <.0001 3395
NumberOfPACs	0.08964 <.0001 3395	0.61219 <.0001 3395	-0.19728 <.0001 3340	0.17495 <.0001 3339	0.03958 0.0222 3338	0.65124 <.0001 3395	0.39851 <.0001 3395
GapBetweenPACs	-0.10257 <.0001 3395	-0.55325 <.0001 3395	0.11202 <.0001 3340	-0.13377 <.0001 3339	-0.02064 0.2331 3338	-0.57527 <.0001 3395	-0.30429 <.0001 3395
ActionLatency	-0.08722 <.0001 3395	-0.67394 <.0001 3395	0.24035 <.0001 3340	-0.18877 <.0001 3339	-0.03570 0.0392 3338	-0.72240 <.0001 3395	-0.41539 <.0001 3395

The CORR Procedure

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	AssignToHotkeys	UniqueHotkeys	MinimapAttacks	MinimapRightClicks	NumberOfPACs
GameID	0.13618 <.0001 3395	0.11737 <.0001 3395	0.07404 <.0001 3395	0.04658 0.0066 3395	0.08964 <.0001 3395
LeagueIndex	0.53112 <.0001 3395	0.35121 <.0001 3395	0.31254 <.0001 3395	0.23323 <.0001 3395	0.61219 <.0001 3395
Age	-0.10561 <.0001 3340	0.01545 0.3722 3340	0.04339 0.0121 3340	-0.01958 0.2579 3340	-0.19728 <.0001 3340
HoursPerWeek	0.15842 <.0001 3339	0.07020 <.0001 3339	0.08405 <.0001 3339	0.04942 0.0043 3339	0.17495 <.0001 3339
TotalHours	0.04241 0.0143 3338	0.00932 0.5905 3338	0.00087 0.9597 3338	0.00766 0.6581 3338	0.03958 0.0222 3338
APM	0.57842 <.0001 3395	0.36170 <.0001 3395	0.27102 <.0001 3395	0.32218 <.0001 3395	0.65124 <.0001 3395
SelectByHotkeys	0.50453 <.0001 3395	0.30210 <.0001 3395	0.19716 <.0001 3395	0.14337 <.0001 3395	0.39851 <.0001 3395
AssignToHotkeys	1.00000 3395	0.42024 <.0001 3395	0.24220 <.0001 3395	0.19304 <.0001 3395	0.48673 <.0001 3395
UniqueHotkeys	0.42024 <.0001 3395	1.00000 3395	0.18059 <.0001 3395	0.14158 <.0001 3395	0.37208 <.0001 3395
MinimapAttacks	0.24220 <.0001 3395	0.18059 <.0001 3395	1.00000 3395	0.24227 <.0001 3395	0.17734 <.0001 3395
MinimapRightClicks	0.19304 <.0001 3395	0.14158 <.0001 3395	0.24227 <.0001 3395	1.00000 3395	0.17614 <.0001 3395
NumberOfPACs	0.48673 <.0001 3395	0.37208 <.0001 3395	0.17734 <.0001 3395	0.17614 <.0001 3395	1.00000 3395
GapBetweenPACs	-0.39689 <.0001 3395	-0.24282 <.0001 3395	-0.23763 <.0001 3395	-0.25447 <.0001 3395	-0.50626 <.0001 3395
ActionLatency	-0.48219 <.0001 3395	-0.32310 <.0001 3395	-0.19990 <.0001 3395	-0.23066 <.0001 3395	-0.82033 <.0001 3395

The CORR Procedure

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	GapBetweenPACs	ActionLatency	ActionsInPAC	TotalMapExplored	WorkersMade
GameID	-0.10257 <.0001 3395	-0.08722 <.0001 3395	0.04726 0.0059 3395	0.03231 0.0598 3395	-0.01164 0.4979 3395
LeagueIndex	-0.55325 <.0001 3395	-0.67394 <.0001 3395	0.14312 <.0001 3395	0.22068 <.0001 3395	0.29564 <.0001 3395
Age	0.11202 <.0001 3340	0.24035 <.0001 3340	-0.04541 0.0087 3340	-0.02460 0.1551 3340	-0.09210 <.0001 3340
HoursPerWeek	-0.13377 <.0001 3339	-0.18877 <.0001 3339	0.09509 <.0001 3339	0.06500 0.0002 3339	0.05062 0.0034 3339
TotalHours	-0.02064 0.2331 3338	-0.03570 0.0392 3338	0.01070 0.5365 3338	0.02049 0.2367 3338	0.01483 0.3918 3338
APM	-0.57527 <.0001 3395	-0.72240 <.0001 3395	0.38399 <.0001 3395	0.22075 <.0001 3395	0.34969 <.0001 3395
SelectByHotkeys	-0.30429 <.0001 3395	-0.41539 <.0001 3395	0.16328 <.0001 3395	0.08348 <.0001 3395	0.14172 <.0001 3395
AssignToHotkeys	-0.39689 <.0001 3395	-0.48219 <.0001 3395	0.09367 <.0001 3395	0.19293 <.0001 3395	0.18307 <.0001 3395
UniqueHotkeys	-0.24282 <.0001 3395	-0.32310 <.0001 3395	-0.01640 0.3394 3395	0.26465 <.0001 3395	0.10814 <.0001 3395
MinimapAttacks	-0.23763 <.0001 3395	-0.19990 <.0001 3395	0.13480 <.0001 3395	0.16639 <.0001 3395	0.07762 <.0001 3395
MinimapRightClicks	-0.25447 <.0001 3395	-0.23066 <.0001 3395	0.30751 <.0001 3395	0.17259 <.0001 3395	0.20659 <.0001 3395
NumberOfPACs	-0.50626 <.0001 3395	-0.82033 <.0001 3395	-0.23202 <.0001 3395	0.46028 <.0001 3395	0.27789 <.0001 3395
GapBetweenPACs	1.00000 3395	0.68940 <.0001 3395	-0.31107 <.0001 3395	-0.09533 <.0001 3395	-0.23542 <.0001 3395
ActionLatency	0.68940 <.0001 3395	1.00000 3395	-0.11022 <.0001 3395	-0.34331 <.0001 3395	-0.30917 <.0001 3395

The CORR Procedure

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations			
	UniqueUnitsMade	ComplexUnitsMade	ComplexAbilitiesUsed
GameID	0.02120 0.2168 3395	-0.02710 0.1144 3395	0.00325 0.8500 3395
LeagueIndex	0.13351 <.0001 3395	0.14883 <.0001 3395	0.14573 <.0001 3395
Age	0.02302 0.1835 3340	-0.08024 <.0001 3340	-0.06574 0.0001 3340
HoursPerWeek	0.03855 0.0259 3339	0.05933 0.0006 3339	0.07470 <.0001 3339
TotalHours	-0.00238 0.8907 3338	-0.00715 0.6795 3338	-0.00631 0.7155 3338
APM	0.10084 <.0001 3395	0.13614 <.0001 3395	0.13159 <.0001 3395
SelectByHotkeys	0.00612 0.7215 3395	0.04400 0.0103 3395	0.06104 0.0004 3395
AssignToHotkeys	0.13283 <.0001 3395	0.14460 <.0001 3395	0.15441 <.0001 3395
UniqueHotkeys	0.22503 <.0001 3395	0.11036 <.0001 3395	0.10245 <.0001 3395
MinimapAttacks	0.12083 <.0001 3395	0.04024 0.0190 3395	0.04453 0.0095 3395
MinimapRightClicks	0.14870 <.0001 3395	0.09161 <.0001 3395	0.09065 <.0001 3395
NumberOfPACs	0.30630 <.0001 3395	0.18148 <.0001 3395	0.16829 <.0001 3395
GapBetweenPACs	-0.08486 <.0001 3395	-0.07466 <.0001 3395	-0.09057 <.0001 3395
ActionLatency	-0.21261 <.0001 3395	-0.18641 <.0001 3395	-0.18437 <.0001 3395

The CORR Procedure

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations							
	GameID	LeagueIndex	Age	HoursPerWeek	TotalHours	APM	SelectByHotkeys
ActionsInPAC	0.04726 0.0059 3395	0.14312 <.0001 3395	-0.04541 0.0087 3340	0.09509 <.0001 3339	0.01070 0.5365 3338	0.38399 <.0001 3395	0.16328 <.0001 3395
TotalMapExplored	0.03231 0.0598 3395	0.22068 <.0001 3395	-0.02460 0.1551 3340	0.06500 0.0002 3339	0.02049 0.2367 3338	0.22075 <.0001 3395	0.08348 <.0001 3395
WorkersMade	-0.01164 0.4979 3395	0.29564 <.0001 3395	-0.09210 <.0001 3340	0.05062 0.0034 3339	0.01483 0.3918 3338	0.34969 <.0001 3395	0.14172 <.0001 3395
UniqueUnitsMade	0.02120 0.2168 3395	0.13351 <.0001 3395	0.02302 0.1835 3340	0.03855 0.0259 3339	-0.00238 0.8907 3338	0.10084 <.0001 3395	0.00612 0.7215 3395
ComplexUnitsMade	-0.02710 0.1144 3395	0.14883 <.0001 3395	-0.08024 <.0001 3340	0.05933 0.0006 3339	-0.00715 0.6795 3338	0.13614 <.0001 3395	0.04400 0.0103 3395
ComplexAbilitiesUsed	0.00325 0.8500 3395	0.14573 <.0001 3395	-0.06574 0.0001 3340	0.07470 <.0001 3339	-0.00631 0.7155 3338	0.13159 <.0001 3395	0.06104 0.0004 3395

The CORR Procedure

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	AssignToHotkeys	UniqueHotkeys	MinimapAttacks	MinimapRightClicks	NumberOfPACs
ActionsInPAC	0.09367 <.0001 3395	-0.01640 0.3394 3395	0.13480 <.0001 3395	0.30751 <.0001 3395	-0.23202 <.0001 3395
TotalMapExplored	0.19293 <.0001 3395	0.26465 <.0001 3395	0.16639 <.0001 3395	0.17259 <.0001 3395	0.46028 <.0001 3395
WorkersMade	0.18307 <.0001 3395	0.10814 <.0001 3395	0.07762 <.0001 3395	0.20659 <.0001 3395	0.27789 <.0001 3395
UniqueUnitsMade	0.13283 <.0001 3395	0.22503 <.0001 3395	0.12083 <.0001 3395	0.14870 <.0001 3395	0.30630 <.0001 3395
ComplexUnitsMade	0.14460 <.0001 3395	0.11036 <.0001 3395	0.04024 0.0190 3395	0.09161 <.0001 3395	0.18148 <.0001 3395
ComplexAbilitiesUsed	0.15441 <.0001 3395	0.10245 <.0001 3395	0.04453 0.0095 3395	0.09065 <.0001 3395	0.16829 <.0001 3395

The CORR Procedure

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	GapBetweenPACs	ActionLatency	ActionsInPAC	TotalMapExplored	WorkersMade
ActionsInPAC	-0.31107 <.0001 3395	-0.11022 <.0001 3395	1.00000 3395	-0.15722 <.0001 3395	0.25180 <.0001 3395
TotalMapExplored	-0.09533 <.0001 3395	-0.34331 <.0001 3395	-0.15722 <.0001 3395	1.00000 3395	0.13151 <.0001 3395
WorkersMade	-0.23542 <.0001 3395	-0.30917 <.0001 3395	0.25180 <.0001 3395	0.13151 <.0001 3395	1.00000 3395
UniqueUnitsMade	-0.08486 <.0001 3395	-0.21261 <.0001 3395	-0.13370 <.0001 3395	0.57277 <.0001 3395	0.11350 <.0001 3395
ComplexUnitsMade	-0.07466 <.0001 3395	-0.18641 <.0001 3395	0.05272 0.0021 3395	0.30776 <.0001 3395	0.20364 <.0001 3395
ComplexAbilitiesUsed	-0.09057 <.0001 3395	-0.18437 <.0001 3395	0.05454 0.0015 3395	0.24826 <.0001 3395	0.10194 <.0001 3395

The CORR Procedure

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations			
	UniqueUnitsMade	ComplexUnitsMade	ComplexAbilitiesUsed
ActionsInPAC	-0.13370 <.0001 3395	0.05272 0.0021 3395	0.05454 0.0015 3395
TotalMapExplored	0.57277 <.0001 3395	0.30776 <.0001 3395	0.24826 <.0001 3395
WorkersMade	0.11350 <.0001 3395	0.20364 <.0001 3395	0.10194 <.0001 3395
UniqueUnitsMade	1.00000 3395	0.38150 <.0001 3395	0.29183 <.0001 3395
ComplexUnitsMade	0.38150 <.0001 3395	1.00000 3395	0.61668 <.0001 3395
ComplexAbilitiesUsed	0.29183 <.0001 3395	0.61668 <.0001 3395	1.00000 3395

The CORR Procedure

5 Variables:	APM	SelectByHotkeys	NumberOfPACs	GapBetweenPACs	ActionLatency
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
APM	3395	117.04695	51.94529	397374	22.05960	389.83140
SelectByHotkeys	3395	0.00430	0.00528	14.59395	0	0.04309
NumberOfPACs	3395	0.00346	0.0009923	11.75650	0.0006790	0.00797
GapBetweenPACs	3395	40.36156	17.15357	137028	6.66670	237.14290
ActionLatency	3395	63.73940	19.23887	216395	24.09360	176.37210

Pearson Correlation Coefficients, N = 3395 Prob > r under H0: Rho=0					
	APM	SelectByHotkeys	NumberOfPACs	GapBetweenPACs	ActionLatency
APM	1.00000	0.84069 <.0001	0.65124 <.0001	-0.57527 <.0001	-0.72240 <.0001
SelectByHotkeys	0.84069 <.0001	1.00000	0.39851 <.0001	-0.30429 <.0001	-0.41539 <.0001
NumberOfPACs	0.65124 <.0001	0.39851 <.0001	1.00000	-0.50626 <.0001	-0.82033 <.0001
GapBetweenPACs	-0.57527 <.0001	-0.30429 <.0001	-0.50626 <.0001	1.00000	0.68940 <.0001
ActionLatency	-0.72240 <.0001	-0.41539 <.0001	-0.82033 <.0001	0.68940 <.0001	1.00000

The CORR Procedure

7 Variables:	APM SelectByHotkeys NumberOfPACs GapBetweenPACs ActionLatency ComplexAbilitiesUsed ComplexUnitsMade
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
APM	3395	117.04695	51.94529	397374	22.05960	389.83140
SelectByHotkeys	3395	0.00430	0.00528	14.59395	0	0.04309
NumberOfPACs	3395	0.00346	0.0009923	11.75650	0.0006790	0.00797
GapBetweenPACs	3395	40.36156	17.15357	137028	6.66670	237.14290
ActionLatency	3395	63.73940	19.23887	216395	24.09360	176.37210
ComplexAbilitiesUsed	3395	0.0001419	0.0002652	0.48168	0	0.00308
ComplexUnitsMade	3395	0.0000594	0.0001111	0.20177	0	0.0009023

The CORR Procedure

Pearson Correlation Coefficients, N = 3395 Prob > r under H0: Rho=0				
	APM	SelectByHotkeys	NumberOfPACs	GapBetweenPACs
APM	1.00000	0.84069 <.0001	0.65124 <.0001	-0.57527 <.0001
SelectByHotkeys	0.84069 <.0001	1.00000	0.39851 <.0001	-0.30429 <.0001
NumberOfPACs	0.65124 <.0001	0.39851 <.0001	1.00000	-0.50626 <.0001
GapBetweenPACs	-0.57527 <.0001	-0.30429 <.0001	-0.50626 <.0001	1.00000
ActionLatency	-0.72240 <.0001	-0.41539 <.0001	-0.82033 <.0001	0.68940 <.0001
ComplexAbilitiesUsed	0.13159 <.0001	0.06104 0.0004	0.16829 <.0001	-0.09057 <.0001
ComplexUnitsMade	0.13614 <.0001	0.04400 0.0103	0.18148 <.0001	-0.07466 <.0001

Pearson Correlation Coefficients, N = 3395 Prob > r under H0: Rho=0			
	ActionLatency	ComplexAbilitiesUsed	ComplexUnitsMade
APM	-0.72240 <.0001	0.13159 <.0001	0.13614 <.0001
SelectByHotkeys	-0.41539 <.0001	0.06104 0.0004	0.04400 0.0103
NumberOfPACs	-0.82033 <.0001	0.16829 <.0001	0.18148 <.0001
GapBetweenPACs	0.68940 <.0001	-0.09057 <.0001	-0.07466 <.0001
ActionLatency	1.00000	-0.18437 <.0001	-0.18641 <.0001
ComplexAbilitiesUsed	-0.18437 <.0001	1.00000	0.61668 <.0001
ComplexUnitsMade	-0.18641 <.0001	0.61668 <.0001	1.00000