

MODEL SERIES 1

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Player Black(a)	.	Enter
10 minutes to <20 minutes	1	Player Black(a)	.	Enter
20 minutes to <30 minutes	1	Player Black(a)	.	Enter
30 minutes or more	1	Player Black(a)	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.059(a)	0.003	0.003	1.327	0.003	21.661	1	6,233	0.000
10 minutes to <20 minutes	1	.015(a)	0.000	0.000	1.372	0.000	7.784	1	35,264	0.005
20 minutes to <30 minutes	1	.040(a)	0.002	0.002	1.327	0.002	81.787	1	51,438	0.000
30 minutes or more	1	.008(a)	0.000	0.000	1.299	0.000	3.768	1	55,262	0.052

- a. Predictors: (Constant), Player Black

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error	Beta			Lower Bound	Upper Bound
0 to <10 minutes	1	(Constant)	2.728	0.029		92.753	0.000	2.671	2.786
		Player Black	-0.167	0.036	-0.059	-4.654	0.000	-0.237	-0.097
10 minutes to <20 minutes	1	(Constant)	3.044	0.015		208.344	0.000	3.015	3.073
		Player Black	0.047	0.017	0.015	2.790	0.005	0.014	0.080
20 minutes to <30 minutes	1	(Constant)	3.483	0.012		296.134	0.000	3.460	3.506
		Player Black	-0.123	0.014	-0.040	-9.044	0.000	-0.149	-0.096
30 minutes or more	1	(Constant)	3.486	0.014		241.568	0.000	3.458	3.514
		Player Black	-0.030	0.016	-0.008	-1.941	0.052	-0.061	0.000

- a. Dependent Variable: Player Total Calls

MODEL SERIES 2

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Official Black(a)	.	Enter
10 minutes to <20 minutes	1	Official Black(a)	.	Enter
20 minutes to <30 minutes	1	Official Black(a)	.	Enter
30 minutes or more	1	Official Black(a)	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.019(a)	0.000	0.000	1.329	0.000	2.273	1	6,233	0.132
10 minutes to <20 minutes	1	.007(a)	0.000	0.000	1.372	0.000	1.656	1	35,264	0.198
20 minutes to <30 minutes	1	.007(a)	0.000	0.000	1.328	0.000	2.872	1	51,438	0.090
30 minutes or more	1	.007(a)	0.000	0.000	1.299	0.000	2.548	1	55,262	0.110

- a. Predictors: (Constant), Official Black

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error	Beta			Lower Bound	Upper Bound
0 to <10 minutes	1	(Constant)	2.593	0.023		114.344	0.000	2.549	2.638
		Official Black	0.051	0.034	0.019	1.508	0.132	-0.015	0.117
10 minutes to <20 minutes	1	(Constant)	3.071	0.010		314.213	0.000	3.052	3.090
		Official Black	0.019	0.015	0.007	1.287	0.198	-0.010	0.048
20 minutes to <30 minutes	1	(Constant)	3.382	0.008		432.994	0.000	3.367	3.398
		Official Black	0.020	0.012	0.007	1.695	0.090	-0.003	0.043
30 minutes or more	1	(Constant)	3.453	0.007		472.744	0.000	3.438	3.467
		Official Black	0.018	0.011	0.007	1.596	0.110	-0.004	0.040

- a. Dependent Variable: Player Total Calls

MODEL SERIES 3

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Player White(a)	.	Enter
10 minutes to <20 minutes	1	Player White(a)	.	Enter
20 minutes to <30 minutes	1	Player White(a)	.	Enter
30 minutes or more	1	Player White(a)	.	Enter

a. All requested variables entered.

b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.059(a)	0.003	0.003	1.327	0.003	21.661	1	6,233	0.000
10 minutes to <20 minutes	1	.015(a)	0.000	0.000	1.372	0.000	7.784	1	35,264	0.005
20 minutes to <30 minutes	1	.040(a)	0.002	0.002	1.327	0.002	81.787	1	51,438	0.000
30 minutes or more	1	.008(a)	0.000	0.000	1.299	0.000	3.768	1	55,262	0.052

a. Predictors: (Constant), Player White

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error				Lower Bound	Upper Bound
			Beta						
0 to <10 minutes	1	(Constant)	2.562	0.020		125.058	0.000	2.521	2.602
		Player White	0.167	0.036	0.059	4.654	0.000	0.097	0.237
10 minutes to <20 minutes	1	(Constant)	3.091	0.008		366.456	0.000	3.074	3.107
		Player White	-0.047	0.017	-0.015	-2.790	0.005	-0.080	-0.014
20 minutes to <30 minutes	1	(Constant)	3.361	0.007		498.115	0.000	3.347	3.374
		Player White	0.123	0.014	0.040	9.044	0.000	0.096	0.149
30 minutes or more	1	(Constant)	3.456	0.006		577.967	0.000	3.444	3.468
		Player White	0.030	0.016	0.008	1.941	0.052	0.000	0.061

a. Dependent Variable: Player Total Calls

MODEL SERIES 4

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Official White(a)	.	Enter
10 minutes to <20 minutes	1	Official White(a)	.	Enter
20 minutes to <30 minutes	1	Official White(a)	.	Enter
30 minutes or more	1	Official White(a)	.	Enter

a. All requested variables entered.

b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.019(a)	0.000	0.000	1.329	0.000	2.273	1	6,233	0.132
10 minutes to <20 minutes	1	.007(a)	0.000	0.000	1.372	0.000	1.656	1	35,264	0.198
20 minutes to <30 minutes	1	.007(a)	0.000	0.000	1.328	0.000	2.872	1	51,438	0.090
30 minutes or more	1	.007(a)	0.000	0.000	1.299	0.000	2.548	1	55,262	0.110

a. Predictors: (Constant), Official White

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error				Lower Bound	Upper Bound
			Beta						
0 to <10 minutes	1	(Constant)	2.644	0.025		105.232	0.000	2.595	2.693
		Official White	-0.051	0.034	-0.019	-1.508	0.132	-0.117	0.015
10 minutes to <20 minutes	1	(Constant)	3.090	0.011		280.946	0.000	3.068	3.111
		Official White	-0.019	0.015	-0.007	-1.287	0.198	-0.048	0.010
20 minutes to <30 minutes	1	(Constant)	3.402	0.009		384.366	0.000	3.385	3.420
		Official White	-0.020	0.012	-0.007	-1.695	0.090	-0.043	0.003
30 minutes or more	1	(Constant)	3.470	0.008		410.981	0.000	3.454	3.487
		Official White	-0.018	0.011	-0.007	-1.596	0.110	-0.040	0.004

a. Dependent Variable: Player Total Calls

MODEL SERIES 5

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Official Black, Player Black(a)	.	Enter
10 minutes to <20 minutes	1	Official Black, Player Black(a)	.	Enter
20 minutes to <30 minutes	1	Official Black, Player Black(a)	.	Enter
30 minutes or more	1	Official Black, Player Black(a)	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.062(a)	0.004	0.004	1.327	0.004	11.954	2	6,232	0.000
10 minutes to <20 minutes	1	.016(a)	0.000	0.000	1.372	0.000	4.729	2	35,263	0.009
20 minutes to <30 minutes	1	.040(a)	0.002	0.002	1.327	0.002	42.232	2	51,437	0.000
30 minutes or more	1	.011(a)	0.000	0.000	1.299	0.000	3.127	2	55,261	0.044

- a. Predictors: (Constant), Official Black, Player Black

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error	Beta			Lower Bound	Upper Bound
			0 to <10 minutes	1	(Constant)			2.706	0.033
		Player Black	-0.167	0.036	-0.059	-4.651	0.000	-0.237	-0.096
		Official Black	0.051	0.034	0.019	1.497	0.134	-0.016	0.117
10 minutes to <20 minutes	1	(Constant)	3.035	0.016		189.718	0.000	3.004	3.067
		Player Black	0.047	0.017	0.015	2.793	0.005	0.014	0.080
		Official Black	0.019	0.015	0.007	1.294	0.196	-0.010	0.048
20 minutes to <30 minutes	1	(Constant)	3.475	0.013		269.905	0.000	3.449	3.500
		Player Black	-0.122	0.014	-0.040	-9.033	0.000	-0.149	-0.096
		Official Black	0.019	0.012	0.007	1.635	0.102	-0.004	0.042
30 minutes or more	1	(Constant)	3.478	0.015		228.181	0.000	3.448	3.508
		Player Black	-0.030	0.016	-0.008	-1.925	0.054	-0.061	0.001
		Official Black	0.018	0.011	0.007	1.577	0.115	-0.004	0.039

- a. Dependent Variable: Player Total Calls

MODEL SERIES 6

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Official White, Player Black(a)	.	Enter
10 minutes to <20 minutes	1	Official White, Player Black(a)	.	Enter
20 minutes to <30 minutes	1	Official White, Player Black(a)	.	Enter
30 minutes or more	1	Official White, Player Black(a)	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.062(a)	0.004	0.004	1.327	0.004	11.954	2	6,232	0.000
10 minutes to <20 minutes	1	.016(a)	0.000	0.000	1.372	0.000	4.729	2	35,263	0.009
20 minutes to <30 minutes	1	.040(a)	0.002	0.002	1.327	0.002	42.232	2	51,437	0.000
30 minutes or more	1	.011(a)	0.000	0.000	1.299	0.000	3.127	2	55,261	0.044

- a. Predictors: (Constant), Official White, Player Black

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error	Beta			Lower Bound	Upper Bound
			0 to <10 minutes	1	(Constant)			2.756	0.035
		Player Black	-0.167	0.036	-0.059	-4.651	0.000	-0.237	-0.096
		Official White	-0.051	0.034	-0.019	-1.497	0.134	-0.117	0.016
10 minutes to <20 minutes	1	(Constant)	3.054	0.017		182.379	0.000	3.022	3.087
		Player Black	0.047	0.017	0.015	2.793	0.005	0.014	0.080
		Official White	-0.019	0.015	-0.007	-1.294	0.196	-0.048	0.010
20 minutes to <30 minutes	1	(Constant)	3.494	0.013		259.400	0.000	3.468	3.520
		Player Black	-0.122	0.014	-0.040	-9.033	0.000	-0.149	-0.096
		Official White	-0.019	0.012	-0.007	-1.635	0.102	-0.042	0.004
30 minutes or more	1	(Constant)	3.496	0.016		222.284	0.000	3.465	3.527
		Player Black	-0.030	0.016	-0.008	-1.925	0.054	-0.061	0.001
		Official White	-0.018	0.011	-0.007	-1.577	0.115	-0.039	0.004

- a. Dependent Variable: Player Total Calls

MODEL SERIES 7

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Official White, Player White(a)	.	Enter
10 minutes to <20 minutes	1	Official White, Player White(a)	.	Enter
20 minutes to <30 minutes	1	Official White, Player White(a)	.	Enter
30 minutes or more	1	Official White, Player White(a)	.	Enter

a. All requested variables entered.

b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.062(a)	0.004	0.004	1.327	0.004	11.954	2	6,232	0.000
10 minutes to <20 minutes	1	.016(a)	0.000	0.000	1.372	0.000	4.729	2	35,263	0.009
20 minutes to <30 minutes	1	.040(a)	0.002	0.002	1.327	0.002	42.232	2	51,437	0.000
30 minutes or more	1	.011(a)	0.000	0.000	1.299	0.000	3.127	2	55,261	0.044

a. Predictors: (Constant), Official White, Player White

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error	Beta			Lower Bound	Upper Bound
0 to <10 minutes	1	(Constant)	2.589	0.028		93.473	0.000	2.535	2.644
		Player White	0.167	0.036	0.059	4.651	0.000	0.096	0.237
		Official White	-0.051	0.034	-0.019	-1.497	0.134	-0.117	0.016
10 minutes to <20 minutes	1	(Constant)	3.102	0.012		263.183	0.000	3.079	3.125
		Player White	-0.047	0.017	-0.015	-2.793	0.005	-0.080	-0.014
		Official White	-0.019	0.015	-0.007	-1.294	0.196	-0.048	0.010
20 minutes to <30 minutes	1	(Constant)	3.372	0.009		355.792	0.000	3.353	3.390
		Player White	0.122	0.014	0.040	9.033	0.000	0.096	0.149
		Official White	-0.019	0.012	-0.007	-1.635	0.102	-0.042	0.004
30 minutes or more	1	(Constant)	3.466	0.009		395.392	0.000	3.449	3.483
		Player White	0.030	0.016	0.008	1.925	0.054	-0.001	0.061
		Official White	-0.018	0.011	-0.007	-1.577	0.115	-0.039	0.004

a. Dependent Variable: Player Total Calls

MODEL SERIES 8

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Official Black, Player White(a)	.	Enter
10 minutes to <20 minutes	1	Official Black, Player White(a)	.	Enter
20 minutes to <30 minutes	1	Official Black, Player White(a)	.	Enter
30 minutes or more	1	Official Black, Player White(a)	.	Enter

a. All requested variables entered.

b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.062(a)	0.004	0.004	1.327	0.004	11.954	2	6,232	0.000
10 minutes to <20 minutes	1	.016(a)	0.000	0.000	1.372	0.000	4.729	2	35,263	0.009
20 minutes to <30 minutes	1	.040(a)	0.002	0.002	1.327	0.002	42.232	2	51,437	0.000
30 minutes or more	1	.011(a)	0.000	0.000	1.299	0.000	3.127	2	55,261	0.044

a. Predictors: (Constant), Official Black, Player White

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error	Beta			Lower Bound	Upper Bound
0 to <10 minutes	1	(Constant)	2.539	0.025		99.690	0.000	2.489	2.589
		Player White	0.167	0.036	0.059	4.651	0.000	0.096	0.237
		Official Black	0.051	0.034	0.019	1.497	0.134	-0.016	0.117
10 minutes to <20 minutes	1	(Constant)	3.083	0.011		289.800	0.000	3.062	3.103
		Player White	-0.047	0.017	-0.015	-2.793	0.005	-0.080	-0.014
		Official Black	0.019	0.015	0.007	1.294	0.196	-0.010	0.048
20 minutes to <30 minutes	1	(Constant)	3.352	0.008		395.181	0.000	3.336	3.369
		Player White	0.122	0.014	0.040	9.033	0.000	0.096	0.149
		Official Black	0.019	0.012	0.007	1.635	0.102	-0.004	0.042
30 minutes or more	1	(Constant)	3.448	0.008		451.395	0.000	3.433	3.463
		Player White	0.030	0.016	0.008	1.925	0.054	-0.001	0.061
		Official Black	0.018	0.011	0.007	1.577	0.115	-0.004	0.039

a. Dependent Variable: Player Total Calls

MODEL SERIES 9

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Same Race Player Official Combo(a)	.	Enter
10 minutes to <20 minutes	1	Same Race Player Official Combo(a)	.	Enter
20 minutes to <30 minutes	1	Same Race Player Official Combo(a)	.	Enter
30 minutes or more	1	Same Race Player Official Combo(a)	.	Enter

a. Tolerance = .000 limits reached.
 b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.002(a)	0.000	0.000	1.330	0.000	0.033	1	6,233	0.856
10 minutes to <20 minutes	1	.006(a)	0.000	0.000	1.372	0.000	1.245	1	35,264	0.265
20 minutes to <30 minutes	1	.012(a)	0.000	0.000	1.328	0.000	7.221	1	51,438	0.007
30 minutes or more	1	.006(a)	0.000	0.000	1.299	0.000	2.127	1	55,262	0.145

a. Predictors: (Constant), Same Race Player Official Combo

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error	Beta			Lower Bound	Upper Bound
0 to <10 minutes	1	(Constant)	2.619	0.023		112.052	0.000	2.573	2.665
		Same Race Player Official Combo	-0.006	0.034	-0.002	-0.181	0.856	-0.072	0.060
10 minutes to <20 minutes	1	(Constant)	3.087	0.010		307.748	0.000	3.067	3.107
		Same Race Player Official Combo	-0.016	0.015	-0.006	-1.116	0.265	-0.045	0.012
20 minutes to <30 minutes	1	(Constant)	3.376	0.008		421.384	0.000	3.361	3.392
		Same Race Player Official Combo	0.032	0.012	0.012	2.687	0.007	0.009	0.055
30 minutes or more	1	(Constant)	3.453	0.007		465.465	0.000	3.438	3.468
		Same Race Player Official Combo	0.016	0.011	0.006	1.458	0.145	-0.006	0.038

a. Dependent Variable: Player Total Calls

MODEL SERIES 10

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Official White, Player White, Home-Away Avg, Player Avg, Team Avg, Referee Avg(a)	.	Enter
10 minutes to <20 minutes	1	Official White, Player White, Home-Away Avg, Player Avg, Team Avg, Referee Avg(a)	.	Enter
20 minutes to <30 minutes	1	Official White, Home-Away Avg, Player Avg, Player White, Team Avg, Referee Avg(a)	.	Enter
30 minutes or more	1	Official White, Player Avg, Home-Away Avg, Player White, Team Avg, Referee Avg(a)	.	Enter

a. Tolerance = .000 limits reached.
 b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.440(a)	0.193	0.193	1.195	0.193	249.040	6	6,228	0.000
10 minutes to <20 minutes	1	.368(a)	0.135	0.135	1.276	0.135	919.806	6	35,259	0.000
20 minutes to <30 minutes	1	.335(b)	0.112	0.112	1.252	0.112	1,084.529	6	51,433	0.000
30 minutes or more	1	.322(c)	0.103	0.103	1.230	0.103	1,062.610	6	55,257	0.000

a. Predictors: (Constant), Official White, Player White, Home-Away Avg, Player Avg, Team Avg, Referee Avg
 b. Predictors: (Constant), Official White, Home-Away Avg, Player Avg, Player White, Team Avg, Referee Avg
 c. Predictors: (Constant), Official White, Player Avg, Home-Away Avg, Player White, Team Avg, Referee Avg

Coefficients(a)

Minutes per game cohorts	Model	Unstandardized Coefficients		Standardized	t	Sig.	95% Confidence Interval for B		
		B	Std. Error	Beta			Lower Bound	Upper Bound	
0 to <10 minutes	1	(Constant)	-3.178	0.730		-4.352	0.000	-4.610	-1.747
		Home-Away Avg	0.151	0.031	0.056	4.926	0.000	0.091	0.211
		Team Avg	-0.013	0.011	-0.014	-1.185	0.236	-0.034	0.008
		Player Avg	1.323	0.036	0.434	37.144	0.000	1.253	1.393
		Referee Avg	-0.004	0.011	-0.004	-0.320	0.749	-0.025	0.018
		Player White	0.051	0.033	0.018	1.556	0.120	-0.013	0.115
		Official White	-0.023	0.033	-0.009	-0.695	0.487	-0.087	0.042
10 minutes to <20 minutes	1	(Constant)	-1.370	0.336		-4.082	0.000	-2.028	-0.712
		Home-Away Avg	0.062	0.014	0.022	4.368	0.000	0.034	0.090
		Team Avg	0.001	0.004	0.001	0.186	0.852	-0.008	0.010
		Player Avg	1.037	0.014	0.365	71.997	0.000	1.008	1.065
		Referee Avg	0.031	0.005	0.034	6.450	0.000	0.022	0.041
		Player White	-0.005	0.016	-0.002	-0.332	0.740	-0.036	0.026
		Official White	0.008	0.015	0.003	0.525	0.600	-0.021	0.036
20 minutes to <30 minutes	1	(Constant)	-1.466	0.271		-5.402	0.000	-1.998	-0.934
		Home-Away Avg	0.067	0.011	0.025	5.919	0.000	0.045	0.090
		Team Avg	0.006	0.004	0.007	1.607	0.108	-0.001	0.014
		Player Avg	0.960	0.012	0.332	77.943	0.000	0.936	0.984
		Referee Avg	0.033	0.004	0.037	8.384	0.000	0.025	0.041
		Player White	-0.023	0.013	-0.008	-1.788	0.074	-0.048	0.002
		Official White	0.004	0.012	0.002	0.343	0.732	-0.019	0.027
30 minutes or more	1	(Constant)	-1.585	0.258		-6.141	0.000	-2.091	-1.079
		Home-Away Avg	0.095	0.011	0.036	8.812	0.000	0.074	0.116
		Team Avg	-0.007	0.003	-0.008	-1.868	0.062	-0.013	0.000
		Player Avg	0.923	0.012	0.320	77.292	0.000	0.899	0.946
		Referee Avg	0.024	0.004	0.027	6.334	0.000	0.016	0.031
		Player White	0.005	0.015	0.001	0.318	0.751	-0.024	0.034
		Official White	0.007	0.011	0.003	0.640	0.522	-0.015	0.029

a. Dependent Variable: Player Total Calls

MODEL SERIES 11

Variables Entered/Removed(b)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Same Race Player Official Combo, Team Avg, Home-Away Avg, Referee Avg, Player Avg(a)	.	Enter
10 minutes to <20 minutes	1	Same Race Player Official Combo, Player Avg, Home-Away Avg, Referee Avg, Team Avg(a)	.	Enter
20 minutes to <30 minutes	1	Same Race Player Official Combo, Team Avg, Home-Away Avg, Player Avg, Referee Avg(a)	.	Enter
30 minutes or more	1	Same Race Player Official Combo, Player Avg, Home-Away Avg, Team Avg, Referee Avg(a)	.	Enter

a. Tolerance = .000 limits reached.
 b. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.440(a)	0.193	0.193	1.195	0.193	298.664	5	6,229	0.000
10 minutes to <20 minutes	1	.368(b)	0.136	0.135	1.276	0.136	1,105.566	5	35,260	0.000
20 minutes to <30 minutes	1	.335(c)	0.112	0.112	1.252	0.112	1,300.728	5	51,434	0.000
30 minutes or more	1	.322(d)	0.103	0.103	1.230	0.103	1,275.042	5	55,258	0.000

a. Predictors: (Constant), Same Race Player Official Combo, Team Avg, Home-Away Avg, Referee Avg, Player Avg
 b. Predictors: (Constant), Same Race Player Official Combo, Player Avg, Home-Away Avg, Referee Avg, Team Avg
 c. Predictors: (Constant), Same Race Player Official Combo, Team Avg, Home-Away Avg, Player Avg, Referee Avg
 d. Predictors: (Constant), Same Race Player Official Combo, Player Avg, Home-Away Avg, Team Avg, Referee Avg

Coefficients(a)

Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error	Beta			Lower Bound	Upper Bound
			0 to <10 minutes	1	(Constant)			-3.231	0.725
		Home-Away Avg	0.153	0.031	0.057	4.984	0.000	0.093	0.213
		Team Avg	-0.015	0.011	-0.017	-1.447	0.148	-0.036	0.005
		Player Avg	1.331	0.035	0.437	37.616	0.000	1.262	1.401
		Referee Avg	0.002	0.010	0.002	0.179	0.858	-0.018	0.022
		Same Race Player Official Combo	-0.043	0.031	-0.016	-1.393	0.164	-0.103	0.017
10 minutes to <20 minutes	1	(Constant)	-1.373	0.334		-4.110	0.000	-2.027	-0.718
		Home-Away Avg	0.062	0.014	0.022	4.367	0.000	0.034	0.090
		Team Avg	0.001	0.004	0.001	0.201	0.841	-0.008	0.010
		Player Avg	1.037	0.014	0.365	72.115	0.000	1.009	1.065
		Referee Avg	0.033	0.005	0.036	7.112	0.000	0.024	0.042
		Same Race Player Official Combo	-0.039	0.014	-0.014	-2.834	0.005	-0.066	-0.012
20 minutes to <30 minutes	1	(Constant)	-1.463	0.270		-5.410	0.000	-1.993	-0.933
		Home-Away Avg	0.068	0.011	0.025	5.973	0.000	0.046	0.090
		Team Avg	0.006	0.004	0.007	1.586	0.113	-0.001	0.014
		Player Avg	0.957	0.012	0.331	78.459	0.000	0.933	0.981
		Referee Avg	0.032	0.004	0.036	8.628	0.000	0.025	0.040
		Same Race Player Official Combo	0.003	0.011	0.001	0.275	0.783	-0.019	0.025
30 minutes or more	1	(Constant)	-1.573	0.257		-6.126	0.000	-2.077	-1.070
		Home-Away Avg	0.095	0.011	0.036	8.836	0.000	0.074	0.117
		Team Avg	-0.006	0.003	-0.008	-1.854	0.064	-0.013	0.000
		Player Avg	0.923	0.012	0.320	77.293	0.000	0.899	0.946
		Referee Avg	0.023	0.004	0.026	6.314	0.000	0.016	0.030
		Same Race Player Official Combo	0.000	0.011	0.000	0.029	0.977	-0.021	0.022

a. Dependent Variable: Player Total Calls

MODEL SERIES 12

Variables Entered/Removed(c)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Referee Avg, Team Avg, Home-Away Avg, Player Avg(a)	.	Enter
	2	Player White, Official White(b)	.	Enter
10 minutes to <20 minutes	1	Referee Avg, Player Avg, Home-Away Avg, Team Avg(a)	.	Enter
	2	Player White, Official White(b)	.	Enter
20 minutes to <30 minutes	1	Referee Avg, Player Avg, Home-Away Avg, Team Avg(a)	.	Enter
	2	Player White, Official White(b)	.	Enter
30 minutes or more	1	Referee Avg, Player Avg, Home-Away Avg, Team Avg(a)	.	Enter
	2	Player White, Official White(b)	.	Enter

- a. All requested variables entered.
- b. Tolerance = .000 limits reached.
- c. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.439(a)	0.193	0.193	1.195	0.193	372.788	4	6,230	0.000
	2	.440(b)	0.193	0.193	1.195	0.000	1.438	2	6,228	0.237
10 minutes to <20 minutes	1	.368(c)	0.135	0.135	1.276	0.135	1,379.676	4	35,261	0.000
	2	.368(d)	0.135	0.135	1.276	0.000	0.193	2	35,259	0.824
20 minutes to <30 minutes	1	.335(c)	0.112	0.112	1.252	0.112	1,625.920	4	51,435	0.000
	2	.335(d)	0.112	0.112	1.252	0.000	1.662	2	51,433	0.190
30 minutes or more	1	.322(c)	0.103	0.103	1.230	0.103	1,593.831	4	55,259	0.000
	2	.322(d)	0.103	0.103	1.230	0.000	0.254	2	55,257	0.776

- a. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Player Avg
- b. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Player Avg, Player White, Official White
- c. Predictors: (Constant), Referee Avg, Player Avg, Home-Away Avg, Team Avg
- d. Predictors: (Constant), Referee Avg, Player Avg, Home-Away Avg, Team Avg, Player White, Official White

Coefficients(a)

Minutes per game cohorts	Model	Unstandardized Coefficients		Standardized	t	Sig.	95% Confidence Interval for B			
		B	Std. Error	Beta			Lower Bound	Upper Bound		
0 to <10 minutes	1	(Constant)	-3.226	0.725		-4.450	0.000	-4.647	-1.805	
		Home-Away Avg	0.153	0.031	0.057	4.993	0.000	0.093	0.213	
		2	Team Avg	-0.015	0.011	-0.017	-1.444	0.149	-0.036	0.005
	Player Avg		1.330	0.035	0.437	37.589	0.000	1.261	1.399	
		2	Referee Avg	0.000	0.010	0.000	-0.011	0.991	-0.020	0.020
	(Constant)		-3.178	0.730		-4.352	0.000	-4.610	-1.747	
	Home-Away Avg		0.151	0.031	0.056	4.926	0.000	0.091	0.211	
	Team Avg		-0.013	0.011	-0.014	-1.185	0.236	-0.034	0.008	
	Player Avg		1.323	0.036	0.434	37.144	0.000	1.253	1.393	
	Referee Avg		-0.004	0.011	-0.004	-0.320	0.749	-0.025	0.018	
	Player White		0.051	0.033	0.018	1.566	0.120	-0.013	0.115	
	Official White		-0.023	0.033	-0.009	-0.695	0.487	-0.087	0.042	
	10 minutes to <20 minutes	1	(Constant)	-1.352	0.334		-4.048	0.000	-2.006	-0.697
			Home-Away Avg	0.062	0.014	0.022	4.369	0.000	0.034	0.090
		2	Team Avg	0.001	0.004	0.001	0.163	0.870	-0.008	0.009
Player Avg			1.037	0.014	0.365	72.103	0.000	1.009	1.065	
Referee Avg			0.030	0.004	0.033	6.706	0.000	0.021	0.039	
(Constant)			-1.370	0.336		-4.082	0.000	-2.028	-0.712	
Home-Away Avg			0.062	0.014	0.022	4.368	0.000	0.034	0.090	
Team Avg			0.001	0.004	0.001	0.186	0.852	-0.008	0.010	
Player Avg			1.037	0.014	0.365	71.997	0.000	1.008	1.065	
Referee Avg			0.031	0.005	0.034	6.450	0.000	0.022	0.041	
		2	Player White	-0.005	0.016	-0.002	-0.332	0.740	-0.036	0.026
Official White			0.008	0.015	0.003	0.525	0.600	-0.021	0.036	
(Constant)			-1.464	0.270		-5.412	0.000	-1.994	-0.934	
Home-Away Avg			0.068	0.011	0.025	5.970	0.000	0.046	0.090	
Team Avg	0.006		0.004	0.007	1.585	0.113	-0.001	0.014		
Player Avg	0.957		0.012	0.331	78.474	0.000	0.933	0.981		
20 minutes to <30 minutes	1	Referee Avg	0.032	0.004	0.037	8.818	0.000	0.025	0.040	
		(Constant)	-1.466	0.271		-5.402	0.000	-1.998	-0.934	
		2	Home-Away Avg	0.067	0.011	0.025	5.919	0.000	0.045	0.090
	Team Avg		0.006	0.004	0.007	1.607	0.108	-0.001	0.014	
	Player Avg		0.960	0.012	0.332	77.943	0.000	0.936	0.984	
	Referee Avg		0.033	0.004	0.037	8.384	0.000	0.025	0.041	
	Player White		-0.023	0.013	-0.008	-1.788	0.074	-0.048	0.002	
	Official White		0.004	0.012	0.002	0.343	0.732	-0.019	0.027	
	(Constant)		-1.574	0.257		-6.130	0.000	-2.077	-1.070	
	Home-Away Avg		0.095	0.011	0.036	8.836	0.000	0.074	0.117	
		2	Team Avg	-0.006	0.003	-0.008	-1.854	0.064	-0.013	0.000
	Player Avg		0.923	0.012	0.320	77.294	0.000	0.899	0.946	
	Referee Avg		0.023	0.003	0.026	6.524	0.000	0.016	0.030	
	(Constant)		-1.585	0.258		-6.141	0.000	-2.091	-1.079	
Home-Away Avg	0.095		0.011	0.036	8.812	0.000	0.074	0.116		
Team Avg	-0.007		0.003	-0.008	-1.868	0.062	-0.013	0.000		
30 minutes or more	1	Player Avg	0.923	0.012	0.320	77.292	0.000	0.899	0.946	
		Referee Avg	0.024	0.004	0.027	6.334	0.000	0.016	0.031	
		Player White	0.005	0.015	0.001	0.318	0.751	-0.024	0.034	
		Official White	0.007	0.011	0.003	0.640	0.522	-0.015	0.029	
		2	Home-Away Avg	0.095	0.011	0.036	8.812	0.000	0.074	0.116
	Team Avg		-0.007	0.003	-0.008	-1.868	0.062	-0.013	0.000	
	Player Avg		0.923	0.012	0.320	77.292	0.000	0.899	0.946	
	Referee Avg		0.024	0.004	0.027	6.334	0.000	0.016	0.031	
	2	Player White	0.005	0.015	0.001	0.318	0.751	-0.024	0.034	
Official White		0.007	0.011	0.003	0.640	0.522	-0.015	0.029		
Home-Away Avg		0.095	0.011	0.036	8.812	0.000	0.074	0.116		
Team Avg		-0.007	0.003	-0.008	-1.868	0.062	-0.013	0.000		

a. Dependent Variable: Player Total Calls

MODEL SERIES 13

Variables Entered/Removed(c)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Referee Avg, Team Avg, Home-Away Avg, Player Avg(a)	.	Enter
	2	Same Race Player Official Combo(b)	.	Enter
10 minutes to <20 minutes	1	Referee Avg, Player Avg, Home-Away Avg, Team Avg(a)	.	Enter
	2	Same Race Player Official Combo(b)	.	Enter
20 minutes to <30 minutes	1	Referee Avg, Player Avg, Home-Away Avg, Team Avg(a)	.	Enter
	2	Same Race Player Official Combo(b)	.	Enter
30 minutes or more	1	Referee Avg, Player Avg, Home-Away Avg, Team Avg(a)	.	Enter
	2	Same Race Player Official Combo(b)	.	Enter

- a. All requested variables entered.
- b. Tolerance = .000 limits reached.
- c. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.439(a)	0.193	0.193	1.195	0.193	372.788	4	6,230	0.000
	2	.440(b)	0.193	0.193	1.195	0.000	1.940	1	6,229	0.164
10 minutes to <20 minutes	1	.368(c)	0.135	0.135	1.276	0.135	1,379.676	4	35,261	0.000
	2	.368(d)	0.136	0.135	1.276	0.000	8.030	1	35,260	0.005
20 minutes to <30 minutes	1	.335(c)	0.112	0.112	1.252	0.112	1,625.920	4	51,435	0.000
	2	.335(d)	0.112	0.112	1.252	0.000	0.076	1	51,434	0.783
30 minutes or more	1	.322(c)	0.103	0.103	1.230	0.103	1,593.831	4	55,259	0.000
	2	.322(d)	0.103	0.103	1.230	0.000	0.001	1	55,258	0.977

- a. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Player Avg
- b. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Player Avg, Same Race Player Official Combo
- c. Predictors: (Constant), Referee Avg, Player Avg, Home-Away Avg, Team Avg
- d. Predictors: (Constant), Referee Avg, Player Avg, Home-Away Avg, Team Avg, Same Race Player Official Combo

		Coefficients(a)							
Minutes per game cohorts	Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
			B	Std. Error	Beta			Lower Bound	Upper Bound
0 to <10 minutes	1	(Constant)	-3.226	0.725		-4.450	0.000	-4.647	-1.805
		Home-Away Avg	0.153	0.031	0.057	4.993	0.000	0.093	0.213
		Team Avg	-0.015	0.011	-0.017	-1.444	0.149	-0.036	0.005
		Player Avg	1.330	0.035	0.437	37.589	0.000	1.261	1.399
		Referee Avg	0.000	0.010	0.000	-0.011	0.991	-0.020	0.020
	2	(Constant)	-3.231	0.725		-4.458	0.000	-4.652	-1.810
		Home-Away Avg	0.153	0.031	0.057	4.984	0.000	0.093	0.213
		Team Avg	-0.015	0.011	-0.017	-1.447	0.148	-0.036	0.005
		Player Avg	1.331	0.035	0.437	37.616	0.000	1.262	1.401
		Referee Avg	0.002	0.010	0.002	0.179	0.858	-0.018	0.022
10 minutes to <20 minutes	1	Same Race Player Official Combo	-0.043	0.031	-0.016	-1.393	0.164	-0.103	0.017
		(Constant)	-1.352	0.334		-4.048	0.000	-2.006	-0.697
		Home-Away Avg	0.062	0.014	0.022	4.369	0.000	0.034	0.090
		Team Avg	0.001	0.004	0.001	0.163	0.870	-0.008	0.009
		Player Avg	1.037	0.014	0.365	72.103	0.000	1.009	1.065
	2	Referee Avg	0.030	0.004	0.033	6.706	0.000	0.021	0.039
		(Constant)	-1.373	0.334		-4.110	0.000	-2.027	-0.718
		Home-Away Avg	0.062	0.014	0.022	4.367	0.000	0.034	0.090
		Team Avg	0.001	0.004	0.001	0.201	0.841	-0.008	0.010
		Player Avg	1.037	0.014	0.365	72.115	0.000	1.009	1.065
20 minutes to <30 minutes	1	Referee Avg	0.033	0.005	0.036	7.112	0.000	0.024	0.042
		Same Race Player Official Combo	-0.039	0.014	-0.014	-2.834	0.005	-0.066	-0.012
		(Constant)	-1.464	0.270		-5.412	0.000	-1.994	-0.934
		Home-Away Avg	0.068	0.011	0.025	5.970	0.000	0.046	0.090
		Team Avg	0.006	0.004	0.007	1.585	0.113	-0.001	0.014
	2	Player Avg	0.957	0.012	0.331	78.474	0.000	0.933	0.981
		Referee Avg	0.032	0.004	0.037	8.818	0.000	0.025	0.040
		(Constant)	-1.463	0.270		-5.410	0.000	-1.993	-0.933
		Home-Away Avg	0.068	0.011	0.025	5.973	0.000	0.046	0.090
		Team Avg	0.006	0.004	0.007	1.586	0.113	-0.001	0.014
30 minutes or more	1	Player Avg	0.957	0.012	0.331	78.459	0.000	0.933	0.981
		Referee Avg	0.032	0.004	0.036	8.628	0.000	0.025	0.040
		Same Race Player Official Combo	0.003	0.011	0.001	0.275	0.783	-0.019	0.025
		(Constant)	-1.574	0.257		-6.130	0.000	-2.077	-1.070
		Home-Away Avg	0.095	0.011	0.036	8.836	0.000	0.074	0.117
	2	Team Avg	-0.006	0.003	-0.008	-1.854	0.064	-0.013	0.000
		Player Avg	0.923	0.012	0.320	77.294	0.000	0.899	0.946
		Referee Avg	0.023	0.003	0.026	6.524	0.000	0.016	0.030
		(Constant)	-1.573	0.257		-6.126	0.000	-2.077	-1.070
		Home-Away Avg	0.095	0.011	0.036	8.836	0.000	0.074	0.117
		Team Avg	-0.006	0.003	-0.008	-1.854	0.064	-0.013	0.000
		Player Avg	0.923	0.012	0.320	77.293	0.000	0.899	0.946
		Referee Avg	0.023	0.004	0.026	6.314	0.000	0.016	0.030
		Same Race Player Official Combo	0.000	0.011	0.000	0.029	0.977	-0.021	0.022

a. Dependent Variable: Player Total Calls

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Variables Entered/Removed(c)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Referee Avg, Team Avg, Home-Away Avg(a)		Enter
	2	Forward-Center, Guard - Forward, Forward - Guard, Guard, Center - Forward, Center(b)		Enter
	3	Player White, Official White(b)		Enter
10 minutes to <20 minutes	1	Referee Avg, Team Avg, Home-Away Avg(a)		Enter
	2	Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Center, Guard(b)		Enter
	3	Player White, Official White(b)		Enter
20 minutes to <30 minutes	1	Referee Avg, Team Avg, Home-Away Avg(a)		Enter
	2	Center, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Forward(b)		Enter
	3	Player White, Official White(b)		Enter
30 minutes or more	1	Referee Avg, Team Avg, Home-Away Avg(a)		Enter
	2	Forward, Center - Forward, Forward-Center, Guard - Forward, Forward - Guard, Center(b)		Enter
	3	Player White, Official White(b)		Enter

- a. All requested variables entered.
- b. Tolerance = .000 limits reached.
- c. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.101(a)	0.010	0.010	1.323	0.010	21.264	3	6,231	0.000
	2	.167(b)	0.028	0.027	1.312	0.018	19.013	6	6,225	0.000
	3	.170(c)	0.029	0.027	1.311	0.001	3.533	2	6,223	0.029
10 minutes to <20 minutes	1	.089(a)	0.008	0.008	1.367	0.008	92.928	3	35,262	0.000
	2	.218(d)	0.048	0.047	1.339	0.040	245.768	6	35,256	0.000
	3	.223(e)	0.050	0.049	1.338	0.002	38.962	2	35,254	0.000
20 minutes to <30 minutes	1	.077(a)	0.006	0.006	1.324	0.006	102.864	3	51,436	0.000
	2	.210(f)	0.044	0.044	1.299	0.038	341.621	6	51,430	0.000
	3	.210(g)	0.044	0.044	1.299	0.000	0.093	2	51,428	0.912
30 minutes or more	1	.081(a)	0.007	0.006	1.294	0.007	120.629	3	55,260	0.000
	2	.159(h)	0.025	0.025	1.282	0.019	178.167	6	55,254	0.000
	3	.161(i)	0.026	0.026	1.282	0.000	13.891	2	55,252	0.000

- a. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg
- b. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward-Center, Guard - Forward, Forward - Guard, Guard, Center - Forward, Center
- c. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward-Center, Guard - Forward, Forward - Guard, Guard, Center - Forward, Center, Player White, Official White
- d. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Center, Guard
- e. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Center, Guard, Player White, Official White
- f. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Center, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Forward
- g. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Center, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Forward, Player White, Official White
- h. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward, Center - Forward, Forward-Center, Guard - Forward, Forward - Guard, Center
- i. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward, Center - Forward, Forward-Center, Guard - Forward, Forward - Guard, Center, Player White, Official White

		Coefficients(a)								
Minutes per game cohorts	Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B			
		B	Std. Error	Beta			Lower Bound	Upper Bound		
0 to <10 minutes	1	(Constant)	-3.009	0.803		-3.748	0.000	-4.583	-1.435	
		Home-Away Avg	0.183	0.034	0.068	5.384	0.000	0.116	0.249	
		Team Avg	0.063	0.011	0.069	5.487	0.000	0.040	0.085	
	2	Referee Avg	0.006	0.011	0.006	0.490	0.624	-0.017	0.028	
		(Constant)	-3.126	0.800		-3.907	0.000	-4.695	-1.558	
		Home-Away Avg	0.188	0.034	0.070	5.577	0.000	0.122	0.254	
		Team Avg	0.066	0.012	0.072	5.496	0.000	0.042	0.089	
		Referee Avg	0.005	0.011	0.005	0.418	0.676	-0.017	0.027	
		Center - Forward	0.132	0.072	0.024	1.818	0.069	-0.010	0.274	
		Center	0.068	0.044	0.023	1.573	0.116	-0.017	0.154	
		Forward-Center	0.184	0.072	0.034	2.579	0.010	0.044	0.325	
		Forward - Guard	-0.268	0.120	-0.029	-2.234	0.025	-0.502	-0.033	
	Guard - Forward	-0.377	0.086	-0.057	-4.397	0.000	-0.545	-0.209		
	Guard	-0.335	0.047	-0.100	-7.105	0.000	-0.427	-0.242		
	3	(Constant)	-3.015	0.806		-3.740	0.000	-4.595	-1.435	
		Home-Away Avg	0.184	0.034	0.069	5.458	0.000	0.118	0.250	
		Team Avg	0.069	0.012	0.076	5.728	0.000	0.045	0.093	
		Referee Avg	-0.002	0.012	-0.003	-0.197	0.844	-0.026	0.021	
		Center - Forward	0.129	0.072	0.024	1.784	0.074	-0.013	0.271	
		Center	0.067	0.044	0.022	1.528	0.127	-0.019	0.152	
		Forward-Center	0.171	0.072	0.031	2.377	0.017	0.030	0.311	
		Forward - Guard	-0.252	0.120	-0.027	-2.101	0.036	-0.487	-0.017	
		Guard - Forward	-0.356	0.086	-0.054	-4.126	0.000	-0.524	-0.187	
		Guard	-0.310	0.048	-0.092	-6.412	0.000	-0.405	-0.215	
		Player White	0.086	0.038	0.030	2.295	0.022	0.013	0.160	
		Official White	-0.049	0.036	-0.018	-1.355	0.175	-0.120	0.022	
		10 minutes to <20 minutes	1	(Constant)	-0.093	0.357		-0.259	0.796	-0.793
Home-Away Avg				0.053	0.015	0.018	3.441	0.001	0.023	0.082
Team Avg				0.069	0.005	0.079	14.810	0.000	0.060	0.078
2	Referee Avg		0.028	0.005	0.031	5.760	0.000	0.018	0.037	
	(Constant)		-0.058	0.350		-0.167	0.868	-0.745	0.628	
	Home-Away Avg		0.053	0.015	0.018	3.533	0.000	0.024	0.082	
	Team Avg		0.070	0.005	0.080	15.256	0.000	0.061	0.079	
	Referee Avg		0.029	0.005	0.032	6.057	0.000	0.019	0.038	
	Center - Forward		0.117	0.034	0.019	3.420	0.001	0.050	0.184	
	Center		0.231	0.020	0.070	11.781	0.000	0.192	0.269	
	Forward-Center		0.086	0.029	0.017	2.984	0.003	0.030	0.143	
	Forward - Guard		-0.636	0.084	-0.040	-7.607	0.000	-0.800	-0.472	
Guard - Forward	-0.365		0.032	-0.063	-11.480	0.000	-0.427	-0.302		
Guard	-0.482		0.019	-0.152	-25.625	0.000	-0.519	-0.445		
3	(Constant)		-0.125	0.352		-0.355	0.723	-0.814	0.565	
	Home-Away Avg		0.054	0.015	0.019	3.606	0.000	0.025	0.083	
	Team Avg		0.072	0.005	0.083	15.705	0.000	0.063	0.081	
	Referee Avg		0.030	0.005	0.033	6.011	0.000	0.020	0.040	
	Center - Forward		0.123	0.034	0.020	3.587	0.000	0.056	0.190	
	Center		0.233	0.020	0.070	11.940	0.000	0.195	0.272	
	Forward-Center		0.102	0.029	0.020	3.535	0.000	0.046	0.159	
	Forward - Guard		-0.675	0.084	-0.042	-8.073	0.000	-0.839	-0.511	
	Guard - Forward		-0.381	0.032	-0.066	-11.985	0.000	-0.443	-0.319	
	Guard		-0.496	0.019	-0.157	-26.303	0.000	-0.533	-0.459	
	Player White		-0.146	0.017	-0.046	-8.774	0.000	-0.179	-0.114	
	Official White		0.015	0.015	0.005	0.948	0.343	-0.016	0.045	
	20 minutes to <30 minutes		1	(Constant)	0.041	0.285		0.143	0.886	-0.519
		Home-Away Avg		0.071	0.012	0.026	5.884	0.000	0.047	0.094
		Team Avg		0.058	0.004	0.063	14.311	0.000	0.050	0.066
2		Referee Avg	0.028	0.004	0.032	7.231	0.000	0.021	0.036	
		(Constant)	-0.104	0.280		-0.373	0.710	-0.653	0.445	
		Home-Away Avg	0.068	0.012	0.025	5.776	0.000	0.045	0.091	
		Team Avg	0.054	0.004	0.059	13.466	0.000	0.046	0.062	
		Referee Avg	0.031	0.004	0.034	7.977	0.000	0.023	0.038	
		Center - Forward	0.583	0.025	0.109	23.712	0.000	0.535	0.631	
		Center	0.636	0.017	0.185	37.680	0.000	0.603	0.670	
		Forward-Center	0.435	0.025	0.078	17.102	0.000	0.385	0.484	
		Forward - Guard	0.129	0.029	0.020	4.416	0.000	0.072	0.186	
Guard - Forward		-0.142	0.025	-0.026	-5.669	0.000	-0.191	-0.093		
Forward		0.309	0.015	0.103	20.542	0.000	0.279	0.338		
3		(Constant)	-0.113	0.281		-0.403	0.687	-0.664	0.437	
		Home-Away Avg	0.068	0.012	0.025	5.760	0.000	0.045	0.091	
		Team Avg	0.054	0.004	0.059	13.459	0.000	0.046	0.062	
		Referee Avg	0.031	0.004	0.035	7.624	0.000	0.023	0.039	
		Center - Forward	0.583	0.025	0.109	23.363	0.000	0.534	0.632	
		Center	0.637	0.017	0.185	37.284	0.000	0.603	0.670	
		Forward-Center	0.435	0.025	0.078	17.089	0.000	0.385	0.484	
		Forward - Guard	0.129	0.029	0.020	4.419	0.000	0.072	0.187	
		Guard - Forward	-0.142	0.025	-0.026	-5.668	0.000	-0.191	-0.093	
		Player White	-0.001	0.014	0.000	-0.089	0.929	-0.028	0.026	
		Official White	0.005	0.012	0.002	0.420	0.674	-0.019	0.029	
		Forward	0.309	0.015	0.103	20.328	0.000	0.279	0.339	
		30 minutes or more	1	(Constant)	-0.270	0.270		-1.000	0.317	-0.798
	Home-Away Avg			0.096	0.011	0.036	8.470	0.000	0.074	0.119
	Team Avg			0.055	0.004	0.066	15.578	0.000	0.049	0.062
2	Referee Avg		0.020	0.004	0.024	5.574	0.000	0.013	0.028	
	(Constant)		-0.866	0.269		-3.218	0.001	-1.394	-0.339	
	Home-Away Avg		0.106	0.011	0.039	9.359	0.000	0.084	0.128	
	Team Avg		0.065	0.004	0.077	17.945	0.000	0.058	0.072	
	Referee Avg		0.021	0.004	0.024	5.808	0.000	0.014	0.028	
	Center - Forward		0.347	0.031	0.048	11.134	0.000	0.286	0.409	
	Center		0.584	0.021	0.125	27.593	0.000	0.542	0.625	
	Forward-Center		0.472	0.025	0.083	18.892	0.000	0.423	0.521	
	Forward - Guard		0.095	0.023	0.019	4.202	0.000	0.050	0.139	
Guard - Forward	0.072		0.024	0.013	2.937	0.003	0.024	0.119		
Forward	0.203		0.013	0.074	15.547	0.000	0.178	0.229		
3	(Constant)		-0.961	0.271		-3.551	0.000	-1.492	-0.431	
	Home-Away Avg		0.108	0.011	0.040	9.514	0.000	0.085	0.130	
	Team Avg		0.067	0.004	0.079	18.409	0.000	0.060	0.074	
	Referee Avg		0.022	0.004	0.025	5.680	0.000	0.014	0.030	
	Center - Forward		0.350	0.031	0.049	11.230	0.000	0.289	0.412	
	Center		0.610	0.022	0.130	28.068	0.000	0.567	0.653	
	Forward-Center		0.463	0.025	0.081	18.488	0.000	0.413	0.512	
	Forward - Guard		0.094	0.023	0.019	4.166	0.000	0.050	0.138	
	Guard - Forward		0.065	0.024	0.012	2.669	0.008	0.017	0.113	
	Player White		-0.084	0.016	-0.023	-5.241	0.000	-0.116	-0.053	
	Official White		0.006	0.012	0.002	0.539	0.590	-0.017	0.029	
	Forward		0.211	0.013	0.077	16.037	0.000	0.185	0.237	

a. Dependent Variable: Player Total Calls

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Variables Entered/Removed(c)

Minutes per game cohorts	Model	Variables Entered	Variables Removed	Method
0 to <10 minutes	1	Referee Avg, Team Avg, Home-Away Avg(a)		Enter
	2	Forward-Center, Guard - Forward, Forward - Guard, Guard, Center - Forward, Center(b)		Enter
	3	Same Race Player Official Combo(b)		Enter
10 minutes to <20 minutes	1	Referee Avg, Team Avg, Home-Away Avg(a)		Enter
	2	Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Center, Guard(b)		Enter
	3	Same Race Player Official Combo(b)		Enter
20 minutes to <30 minutes	1	Referee Avg, Team Avg, Home-Away Avg(a)		Enter
	2	Center, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Forward(b)		Enter
	3	Same Race Player Official Combo(b)		Enter
30 minutes or more	1	Referee Avg, Team Avg, Home-Away Avg(a)		Enter
	2	Forward, Center - Forward, Forward-Center, Guard - Forward, Forward - Guard, Center(b)		Enter
	3	Same Race Player Official Combo(b)		Enter

- a. All requested variables entered.
- b. Tolerance = .000 limits reached.
- c. Dependent Variable: Player Total Calls

Model Summary

Minutes per game cohorts	Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
						R Square Change	F Change	df1	df2	Sig. F Change
0 to <10 minutes	1	.101(a)	0.010	0.010	1.323	0.010	21.264	3	6,231	0.000
	2	.167(b)	0.028	0.027	1.312	0.018	19.013	6	6,225	0.000
	3	.167(c)	0.028	0.026	1.312	0.000	0.291	1	6,224	0.590
10 minutes to <20 minutes	1	.089(a)	0.008	0.008	1.367	0.008	92.928	3	35,262	0.000
	2	.218(d)	0.048	0.047	1.339	0.040	245.768	6	35,256	0.000
	3	.219(e)	0.048	0.048	1.339	0.000	11.440	1	35,255	0.001
20 minutes to <30 minutes	1	.077(a)	0.006	0.006	1.324	0.006	102.864	3	51,436	0.000
	2	.210(f)	0.044	0.044	1.299	0.038	341.621	6	51,430	0.000
	3	.210(g)	0.044	0.044	1.299	0.000	0.130	1	51,429	0.718
30 minutes or more	1	.081(a)	0.007	0.006	1.294	0.007	120.629	3	55,260	0.000
	2	.159(h)	0.025	0.025	1.282	0.019	178.167	6	55,254	0.000
	3	.159(i)	0.025	0.025	1.282	0.000	0.394	1	55,253	0.530

- a. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg
- b. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward-Center, Guard - Forward, Forward - Guard, Guard, Center - Forward, Center
- c. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward-Center, Guard - Forward, Forward - Guard, Guard, Center - Forward, Center, Same Race Player Official Combo
- d. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Center, Guard
- e. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Center, Guard, Same Race Player Official Combo
- f. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Center, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Forward
- g. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Center, Forward - Guard, Guard - Forward, Center - Forward, Forward-Center, Forward, Same Race Player Official Combo
- h. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward, Center - Forward, Forward-Center, Guard - Forward, Forward - Guard, Center
- i. Predictors: (Constant), Referee Avg, Team Avg, Home-Away Avg, Forward, Center - Forward, Forward-Center, Guard - Forward, Forward - Guard, Center, Same Race Player Official Combo
- j. Dependent Variable: Player Total Calls

		Coefficients(a)								
Minutes per game cohorts	Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B			
		B	Std. Error	Beta			Lower Bound	Upper Bound		
0 to <10 minutes	1	(Constant)	-3.009	0.803		-3.748	0.000	-4.583	-1.435	
		Home-Away Avg	0.183	0.034	0.068	5.384	0.000	0.116	0.249	
		Team Avg	0.063	0.011	0.069	5.487	0.000	0.040	0.085	
	2	Referee Avg	0.006	0.011	0.006	0.490	0.624	-0.017	0.028	
		(Constant)	-3.126	0.800		-3.907	0.000	-4.695	-1.558	
		Home-Away Avg	0.188	0.034	0.070	5.577	0.000	0.122	0.254	
	3	Team Avg	0.066	0.012	0.072	5.496	0.000	0.042	0.089	
		Referee Avg	0.005	0.011	0.005	0.418	0.676	-0.017	0.027	
		Center - Forward	0.132	0.072	0.024	1.818	0.069	-0.010	0.274	
		Center	0.068	0.044	0.023	1.573	0.116	-0.017	0.154	
		Forward-Center	0.184	0.072	0.034	2.579	0.010	0.044	0.325	
		Forward - Guard	-0.268	0.120	-0.029	-2.234	0.025	-0.502	-0.033	
		Guard - Forward	-0.377	0.086	-0.057	-4.397	0.000	-0.545	-0.209	
		Guard	-0.335	0.047	-0.100	-7.105	0.000	-0.427	-0.242	
		(Constant)	-3.129	0.800		-3.910	0.000	-4.698	-1.560	
		Home-Away Avg	0.188	0.034	0.070	5.574	0.000	0.122	0.254	
		Team Avg	0.066	0.012	0.073	5.499	0.000	0.042	0.089	
		Referee Avg	0.006	0.011	0.006	0.488	0.626	-0.017	0.028	
	Center - Forward	0.132	0.072	0.024	1.822	0.068	-0.010	0.274		
	Center	0.069	0.044	0.023	1.575	0.115	-0.017	0.154		
	Forward-Center	0.185	0.072	0.034	2.582	0.010	0.044	0.325		
	Forward - Guard	-0.267	0.120	-0.029	-2.234	0.026	-0.502	-0.033		
	Guard - Forward	-0.377	0.086	-0.057	-4.401	0.000	-0.545	-0.209		
	Guard	-0.335	0.047	-0.100	-7.113	0.000	-0.428	-0.243		
	Same Race Player Official Combo	-0.018	0.034	-0.007	-0.539	0.590	-0.084	0.048		
	10 minutes to <20 minutes	1	(Constant)	-0.093	0.357		-0.259	0.796	-0.793	0.608
			Home-Away Avg	0.053	0.015	0.018	3.441	0.001	0.023	0.082
Team Avg			0.069	0.005	0.079	14.810	0.000	0.060	0.078	
2		Referee Avg	0.028	0.005	0.031	5.760	0.000	0.018	0.037	
		(Constant)	-0.058	0.350		-0.167	0.868	-0.745	0.628	
		Home-Away Avg	0.053	0.015	0.018	3.533	0.000	0.024	0.082	
3		Team Avg	0.070	0.005	0.080	15.256	0.000	0.061	0.079	
		Referee Avg	0.029	0.005	0.032	6.057	0.000	0.019	0.038	
		Center - Forward	0.117	0.034	0.019	3.420	0.001	0.050	0.184	
		Center	0.231	0.020	0.070	11.781	0.000	0.192	0.269	
		Forward-Center	0.086	0.029	0.017	2.984	0.003	0.030	0.143	
		Forward - Guard	-0.636	0.084	-0.040	-7.607	0.000	-0.800	-0.472	
		Guard - Forward	-0.365	0.032	-0.063	-11.480	0.000	-0.427	-0.302	
		Guard	-0.482	0.019	-0.152	-25.625	0.000	-0.519	-0.445	
		(Constant)	-0.085	0.350		-0.243	0.808	-0.772	0.602	
		Home-Away Avg	0.053	0.015	0.018	3.531	0.000	0.024	0.082	
		Team Avg	0.070	0.005	0.080	15.309	0.000	0.061	0.079	
		Referee Avg	0.032	0.005	0.035	6.576	0.000	0.022	0.041	
Center - Forward		0.117	0.034	0.019	3.417	0.001	0.050	0.184		
Center		0.231	0.020	0.070	11.817	0.000	0.193	0.270		
Forward-Center		0.088	0.029	0.017	3.040	0.002	0.031	0.145		
Forward - Guard		-0.638	0.084	-0.040	-7.626	0.000	-0.802	-0.474		
Guard - Forward		-0.366	0.032	-0.063	-11.522	0.000	-0.428	-0.304		
Guard		-0.482	0.019	-0.152	-25.652	0.000	-0.519	-0.445		
Same Race Player Official Combo		-0.049	0.015	-0.018	-3.382	0.001	-0.078	-0.021		
20 minutes to <30 minutes		1	(Constant)	0.041	0.285		0.143	0.886	-0.519	0.600
			Home-Away Avg	0.071	0.012	0.026	5.884	0.000	0.047	0.094
	Team Avg		0.058	0.004	0.063	14.311	0.000	0.050	0.066	
	2	Referee Avg	0.028	0.004	0.032	7.231	0.000	0.021	0.036	
		(Constant)	-0.104	0.280		-0.373	0.710	-0.653	0.445	
		Home-Away Avg	0.068	0.012	0.025	5.776	0.000	0.045	0.091	
	3	Team Avg	0.054	0.004	0.059	13.466	0.000	0.046	0.062	
		Referee Avg	0.031	0.004	0.034	7.977	0.000	0.023	0.038	
		Center - Forward	0.583	0.025	0.109	23.712	0.000	0.535	0.631	
		Center	0.636	0.017	0.185	37.680	0.000	0.603	0.670	
		Forward-Center	0.435	0.025	0.078	17.102	0.000	0.385	0.484	
		Forward - Guard	0.129	0.029	0.020	4.416	0.000	0.072	0.186	
		Guard - Forward	-0.142	0.025	-0.026	-5.669	0.000	-0.191	-0.093	
		Guard	0.309	0.015	0.103	20.542	0.000	0.279	0.338	
		(Constant)	-0.104	0.280		-0.370	0.712	-0.653	0.445	
		Home-Away Avg	0.068	0.012	0.025	5.780	0.000	0.045	0.091	
		Team Avg	0.054	0.004	0.059	13.466	0.000	0.046	0.062	
		Referee Avg	0.030	0.004	0.034	7.785	0.000	0.023	0.038	
	Center - Forward	0.583	0.025	0.109	23.695	0.000	0.534	0.631		
	Center	0.636	0.017	0.185	37.669	0.000	0.603	0.669		
	Forward-Center	0.435	0.025	0.078	17.102	0.000	0.385	0.484		
	Forward - Guard	0.129	0.029	0.020	4.415	0.000	0.072	0.186		
	Guard - Forward	-0.142	0.025	-0.026	-5.668	0.000	-0.191	-0.093		
	Same Race Player Official Combo	0.004	0.012	0.002	0.361	0.718	-0.019	0.027		
	30 minutes or more	1	Forward	0.309	0.015	0.103	20.534	0.000	0.279	0.338
			(Constant)	-0.270	0.270		-1.000	0.317	-0.798	0.259
			Home-Away Avg	0.096	0.011	0.036	8.470	0.000	0.074	0.119
2		Team Avg	0.055	0.004	0.066	15.578	0.000	0.049	0.062	
		Referee Avg	0.020	0.004	0.024	5.574	0.000	0.013	0.028	
		(Constant)	-0.866	0.269		-3.218	0.001	-1.394	-0.339	
3		Home-Away Avg	0.106	0.011	0.039	9.359	0.000	0.084	0.128	
		Team Avg	0.065	0.004	0.077	17.945	0.000	0.058	0.072	
		Referee Avg	0.021	0.004	0.024	5.808	0.000	0.014	0.028	
		Center - Forward	0.347	0.031	0.048	11.134	0.000	0.286	0.409	
		Center	0.584	0.021	0.125	27.593	0.000	0.542	0.625	
		Forward-Center	0.472	0.025	0.083	18.892	0.000	0.423	0.521	
		Forward - Guard	0.095	0.023	0.019	4.202	0.000	0.050	0.139	
		Guard - Forward	0.072	0.024	0.013	2.937	0.003	0.024	0.119	
		Guard	0.203	0.013	0.074	15.547	0.000	0.178	0.229	
		(Constant)	-0.871	0.269		-3.235	0.001	-1.399	-0.343	
		Home-Away Avg	0.106	0.011	0.039	9.353	0.000	0.084	0.128	
		Team Avg	0.065	0.004	0.077	17.952	0.000	0.058	0.072	
Referee Avg		0.022	0.004	0.025	5.782	0.000	0.014	0.029		
Center - Forward		0.347	0.031	0.048	11.132	0.000	0.286	0.408		
Center		0.584	0.021	0.125	27.600	0.000	0.543	0.626		
Forward-Center		0.471	0.025	0.083	18.883	0.000	0.422	0.520		
Forward - Guard		0.095	0.023	0.019	4.198	0.000	0.050	0.139		
Guard - Forward		0.071	0.024	0.013	2.933	0.003	0.024	0.119		
Same Race Player Official Combo		-0.007	0.011	-0.003	-0.628	0.530	-0.029	0.015		
Forward		0.203	0.013	0.074	15.550	0.000	0.178	0.229		

a. Dependent Variable: Player Total Calls