

# Regression 3, Number of Players for a Game on Average Watching Hours on Twitch from 2016-2023

INDEPENDENT VARIABLE Number of players for a game

REGRESSORS Log(Average hours watched for a game on Twitch monthly), game age, sentimental score on reviews, Activision Blizzard indicator

<b>Dep. Variable:</b>	N.of_players_first	<b>R-squared:</b>	0.104
<b>Model:</b>	OLS	<b>Adj. R-squared:</b>	0.095
<b>Method:</b>	Least Squares	<b>F-statistic:</b>	11.50
<b>Date:</b>	Tue, 05 Dec 2023	<b>Prob (F-statistic):</b>	7.74e-09
<b>Time:</b>	18:52:39	<b>Log-Likelihood:</b>	-4098.1
<b>No. Observations:</b>	400	<b>AIC:</b>	8206.
<b>Df Residuals:</b>	395	<b>BIC:</b>	8226.
<b>Df Model:</b>	4		
<b>Covariance Type:</b>	nonrobust		

  

	coef	std err	t	P>  t	[0.025	0.975]
<b>const</b>	-1.776e+04	5076.509	-3.498	0.001	-2.77e+04	-7778.586
<b>log_Hours_watched_mean</b>	1619.7591	337.267	4.803	0.000	956.696	2282.822
<b>Age</b>	574.5522	87.344	6.578	0.000	402.835	746.270
<b>actblz_indicator_first</b>	-1454.7577	1645.933	-0.884	0.377	-4690.641	1781.126
<b>Sentiment_first</b>	410.3142	563.623	0.728	0.467	-697.761	1518.390

  

<b>Omnibus:</b>	87.060	<b>Durbin-Watson:</b>	1.904
<b>Prob(Omnibus):</b>	0.000	<b>Jarque-Bera (JB):</b>	156.910
<b>Skew:</b>	1.227	<b>Prob(JB):</b>	8.46e-35
<b>Kurtosis:</b>	4.843	<b>Cond. No.</b>	237.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.