## Linear Regression Results

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## 1 Linear Regression Results

Table 1: All riders

	Dependent variable:
	count
factor(season)2	-2.465
(	(5.398)
factor(season)3	-37.082***
	(6.902)
factor(season)4	65.159***
	(4.541)
holiday	-9.442
	(9.177)
workingday	-2.705
	(3.283)
factor(weather)2	14.020***
	(3.600)
factor(weather)3	-9.167
	(6.053)
factor(weather)4	185.765
	(154.207)
temp	8.096***
	(1.206)
atemp	2.778***
	(1.058)
humidity	-2.810***
	(0.094)
windspeed	0.596***
	(0.199)
Constant	121.079***
	(9.042)
Observations	10,886
$\mathbb{R}^2$	0.277
Adjusted R <sup>2</sup>	0.276
Residual Std. Error	154.137 (df = 10873)
F Statistic	$346.719^{***} \text{ (df} = 12; 10873)$
Note:	*p<0.1; **p<0.05; ***p<0.01

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Table 2: Registered Riders

	Dependent variable:
	registered
factor(season)2	-2.228
,	(4.704)
factor(season)3	-23.547***
	(6.016)
factor(season)4	58.545***
	(3.958)
holiday	3.026
•	(7.998)
workingday	34.839***
	(2.861)
factor(weather)2	10.248***
	(3.138)
factor(weather)3	-12.841**
	(5.275)
factor(weather)4	142.001
, ,	(134.398)
temp	5.344***
	(1.051)
atemp	2.064**
	(0.922)
humidity	-1.950***
	(0.082)
windspeed	0.590***
	(0.173)
Constant	78.047***
	(7.880)
Observations	10,886
$\mathbb{R}^2$	0.210
Adjusted R <sup>2</sup>	0.209
Residual Std. Error F Statistic	134.338  (df = 10873) $240.566^{***} \text{ (df} = 12; 10873)$

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Table 3: Casual Riders

	Dependent variable:
	casual
factor(season)2	-0.236
	(1.298)
factor(season)3	-13.535***
	(1.659)
factor(season)4	6.614***
	(1.092)
holiday	-12.468***
	(2.206)
workingday	-37.543***
	(0.789)
factor(weather)2	3.772***
	(0.866)
factor(weather)3	3.674**
,	(1.455)
factor(weather)4	43.763
	(37.075)
temp	2.753***
•	(0.290)
atemp	0.715***
r	(0.254)
humidity	-0.860***
	(0.022)
windspeed	0.006
-	(0.048)
Constant	43.032***
	(2.174)
Observations	10,886
$\mathbb{R}^2$	0.450
Adjusted R <sup>2</sup>	0.450
Residual Std. Error F Statistic	37.058 (df = 10873) $742.573^{***} (df = 12; 10873)$
Note:	*p<0.1; **p<0.05; ***p<0.01

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