

# Exploring the Effect of Supplemental Instruction on Equity Gaps

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# Course Level Details

- Variables: avg HS GPA, First Gen, URM, class size, DWF rate, class average, SI component, term year
- Courses from term years 2016-2019
- URM and First Generation percentages
- Lower Division courses
- Courses with class size 20+

# URM and DWF Rate

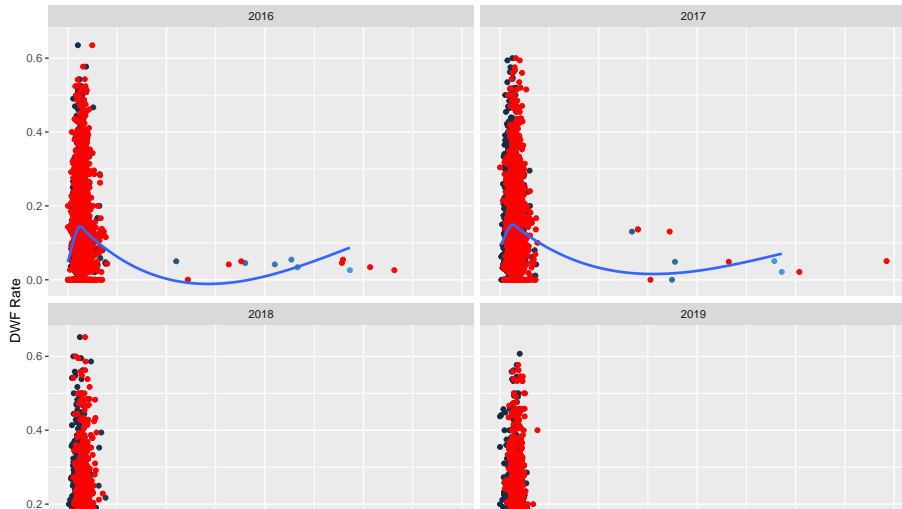
```
ggplot(course.level, aes(URM, dwf.rate, color = URM)) + geom_point()
```

```
## 'geom_smooth()' using method = 'gam' and formula 'y ~ s(x, ...)'
```



# First Generation and DWF Rate

## 'geom\_smooth()' using method = 'gam' and formula 'y ~ s(x,'



# Course Level Modelling

% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac at gmail.com % Date and time: Sun, May 15, 2022 - 8:07:25 PM

**Table 1:** Results Multilinear Regression

	<i>Dependent variable</i>	
	dwf.rate	
	(1)	
Sl.Component.Flag1	0.008 (0.005)	0
URM	−0.010** (0.005)	−
First.Gen.Perc	0.009 (0.006)	0
class.size	−0.0001** (0.00002)	−0
class average	0.174*** (0.001)	