

Course DEI Report

Ben

1/29/2019

Introduction

This report first addresses single course (aggregated over many terms) grade penalties by:

1. Gender (1 = Female, 0 = male)
2. First Gen (1 = First gen)
3. URM (1 = URM)

Grades vs. GPAOs are given for each pair in 3 plots. These are followed by the results of a linear regression: `grade ~ GPAO + ACT_MATH + ACT_ENGL + SCHOOL + HS_GPA + ACAD_LVL + f(GENDER, URM, First Gen)` where `f` is the combination of interaction terms. In the table that follows the plots, we show only the coefficients and the interaction terms.

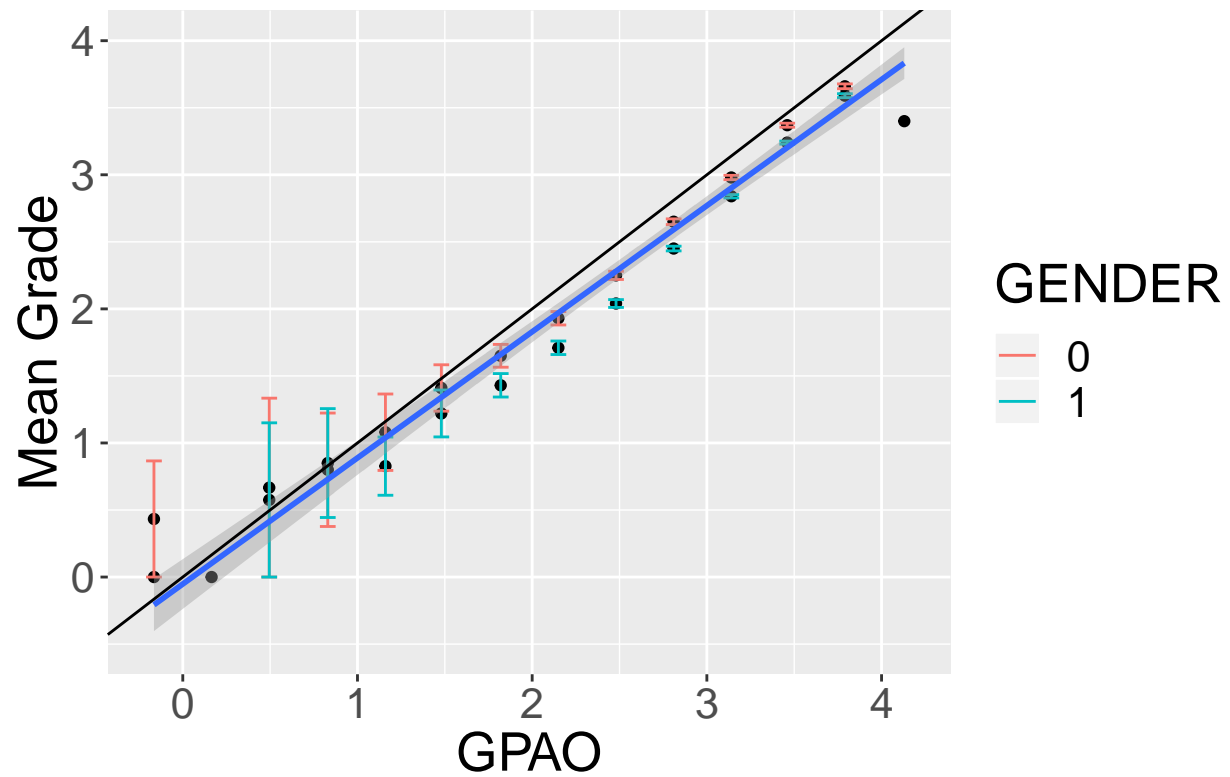
Results

[1] "BIOLOGY171"

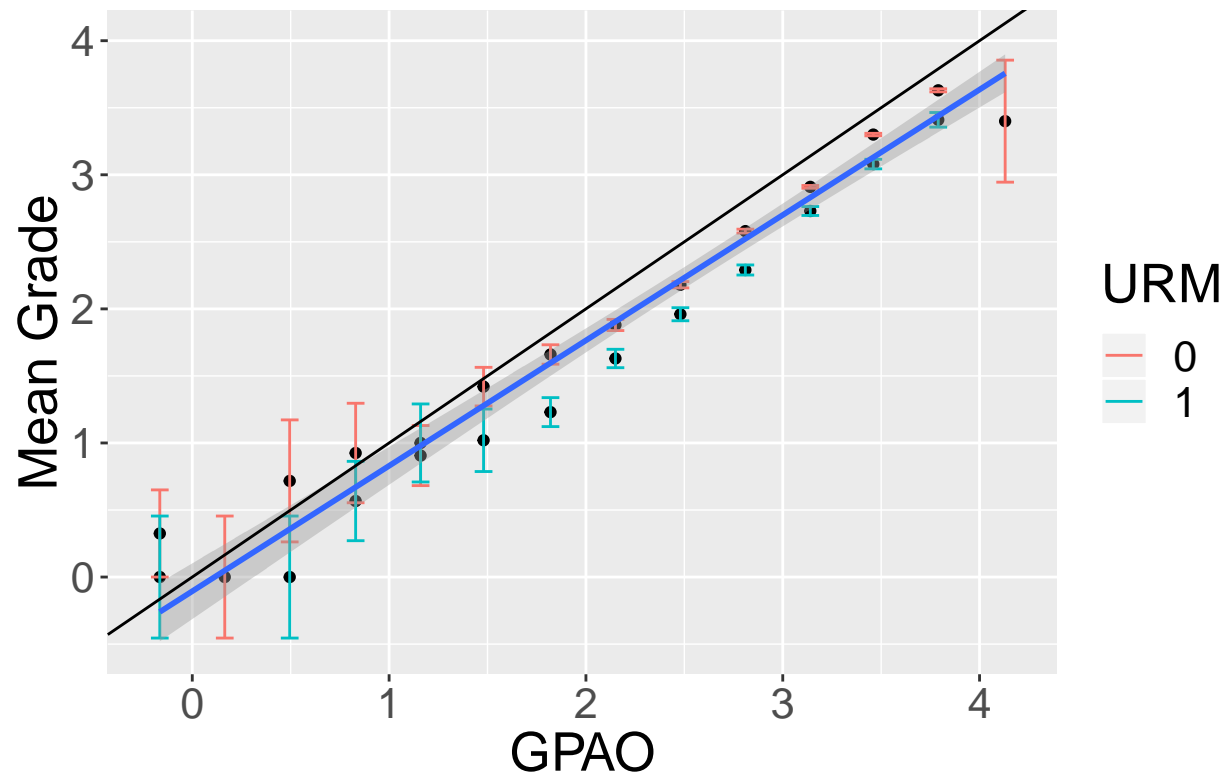
```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 5 rows containing missing values (geom_errorbar).
```

BIOLOGY171: GNDR

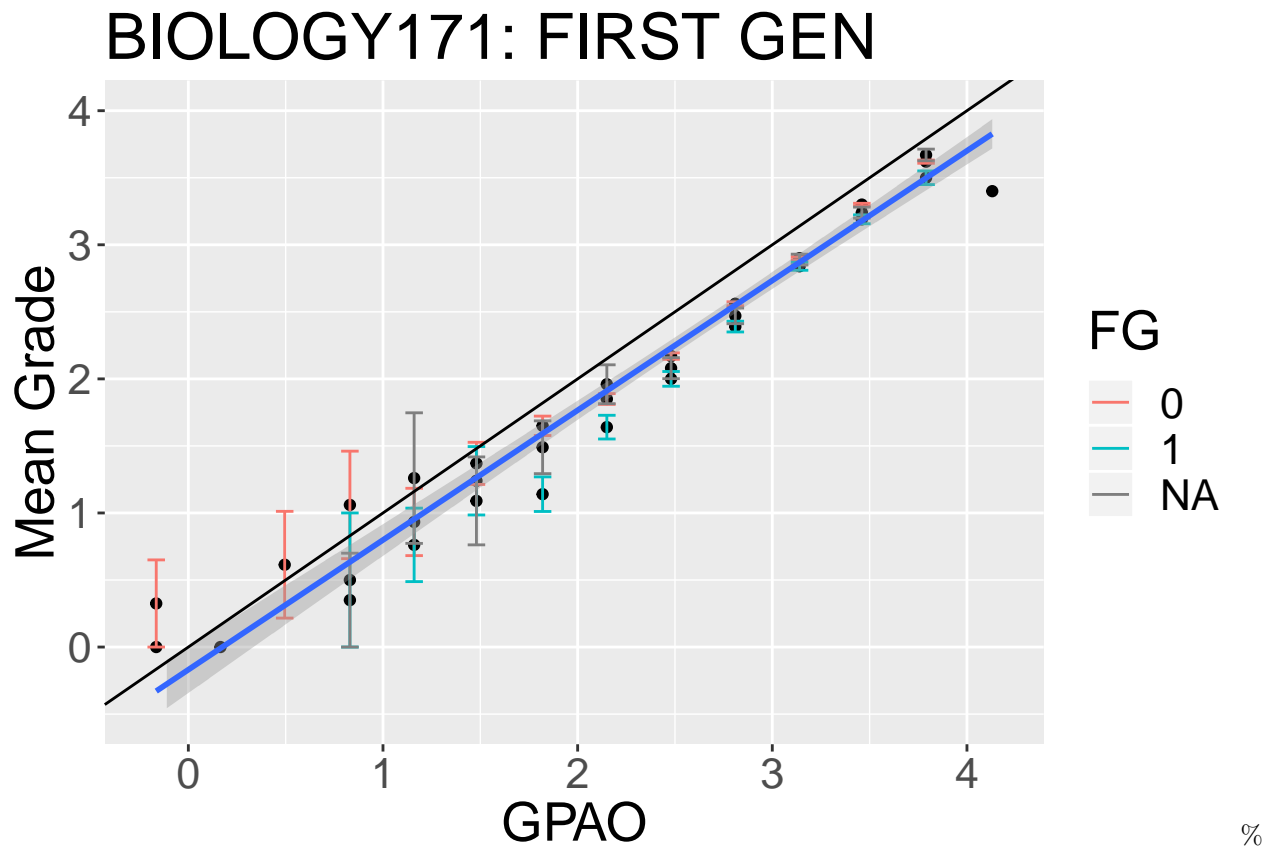


BIOLOGY171: URM



Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 6 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:33 2019

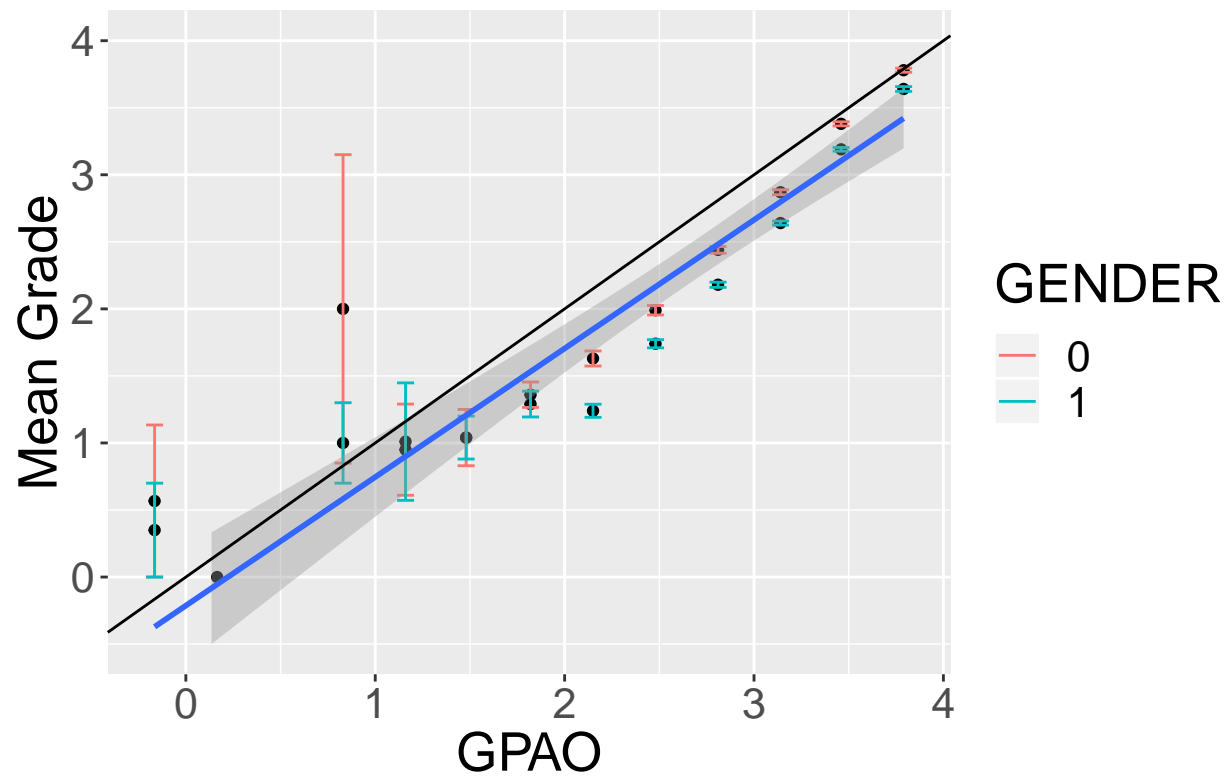
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.109	0.033	-3.302	0.00096
FG1	-0.005	0.031	-0.153	0.87834
GENDER1	-0.088	0.013	-6.566	0.00000
URM1:FG1	-0.083	0.071	-1.171	0.24162
URM1:GENDER1	-0.010	0.040	-0.252	0.80129
FG1:GENDER1	-0.041	0.038	-1.075	0.28233
URM1:FG1:GENDER1	-0.065	0.086	-0.757	0.44915

[1] "BIOLOGY172"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).

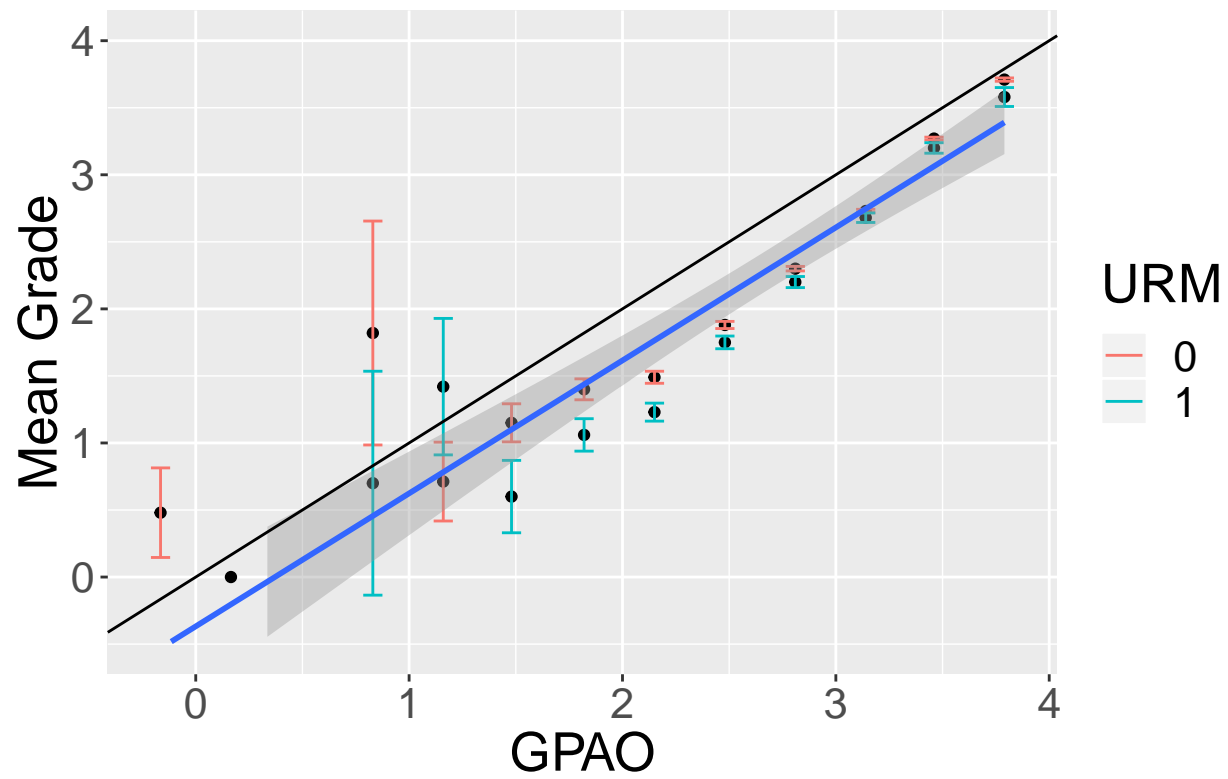
BIOLOGY172: GNDR



Warning: Removed 2 rows containing missing values (geom_point).

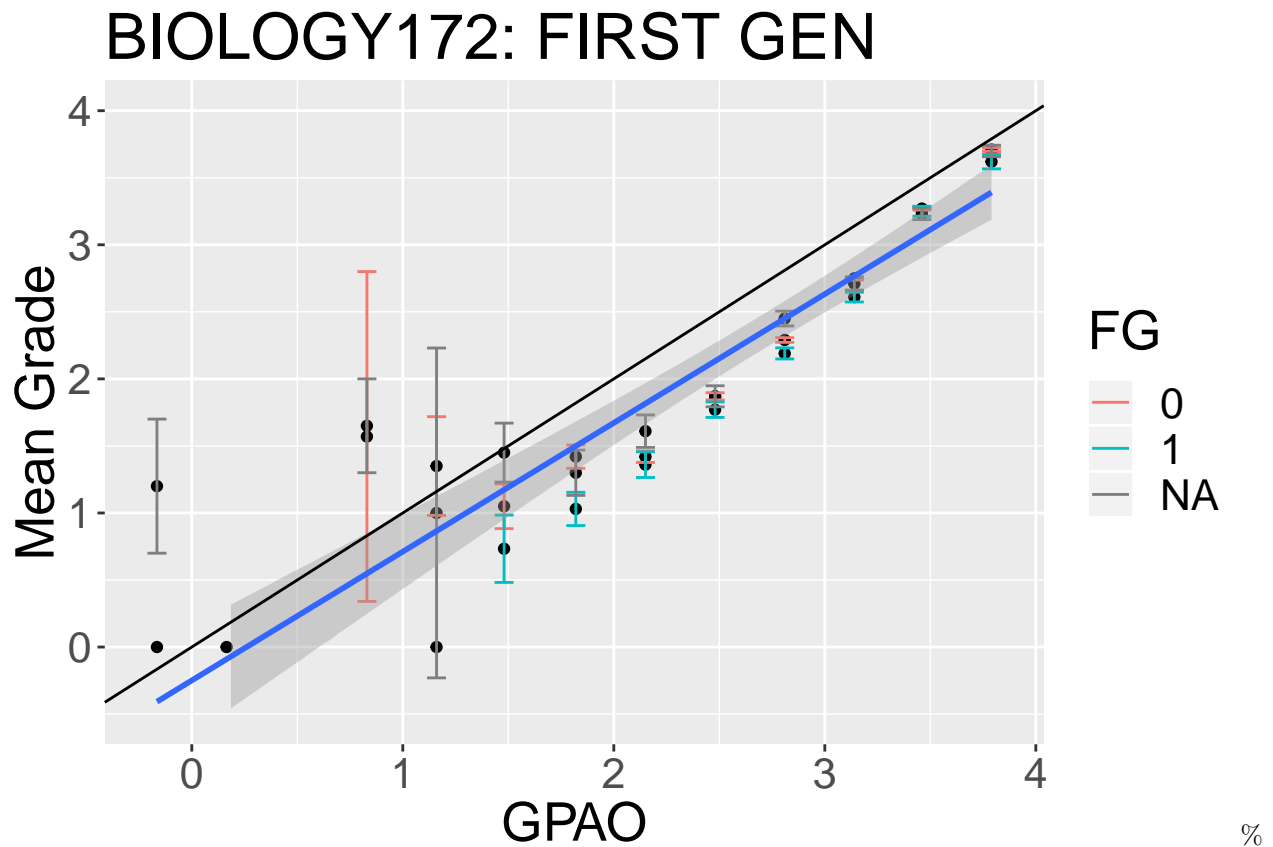
Warning: Removed 3 rows containing missing values (geom_errorbar).

BIOLOGY172: URM



Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 6 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:34 2019

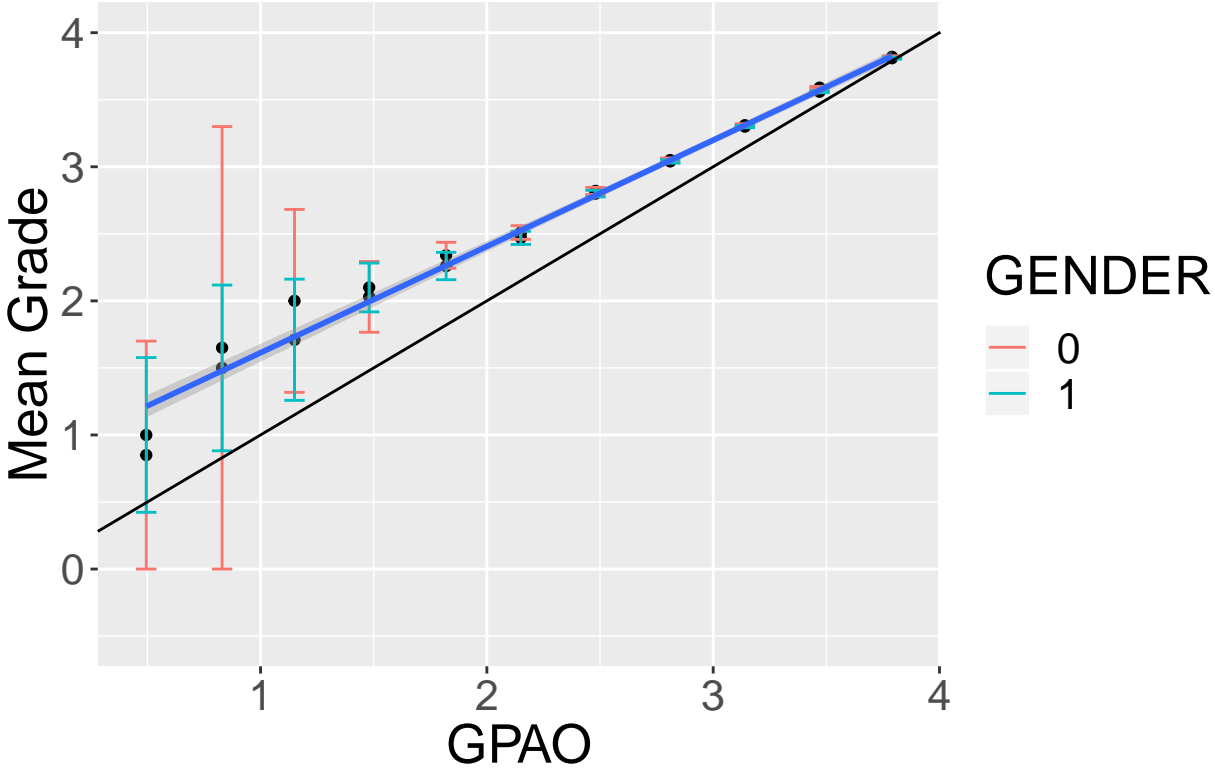
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.028	0.038	-0.741	0.45860
FG1	0.040	0.034	1.151	0.24994
GENDER1	-0.167	0.016	-10.754	0.00000
URM1:FG1	-0.094	0.083	-1.130	0.25840
URM1:GENDER1	-0.054	0.047	-1.135	0.25622
FG1:GENDER1	-0.101	0.044	-2.316	0.02059
URM1:FG1:GENDER1	0.061	0.103	0.597	0.55071

[1] "BIOLOGY173"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 2 rows containing missing values (geom_errorbar).

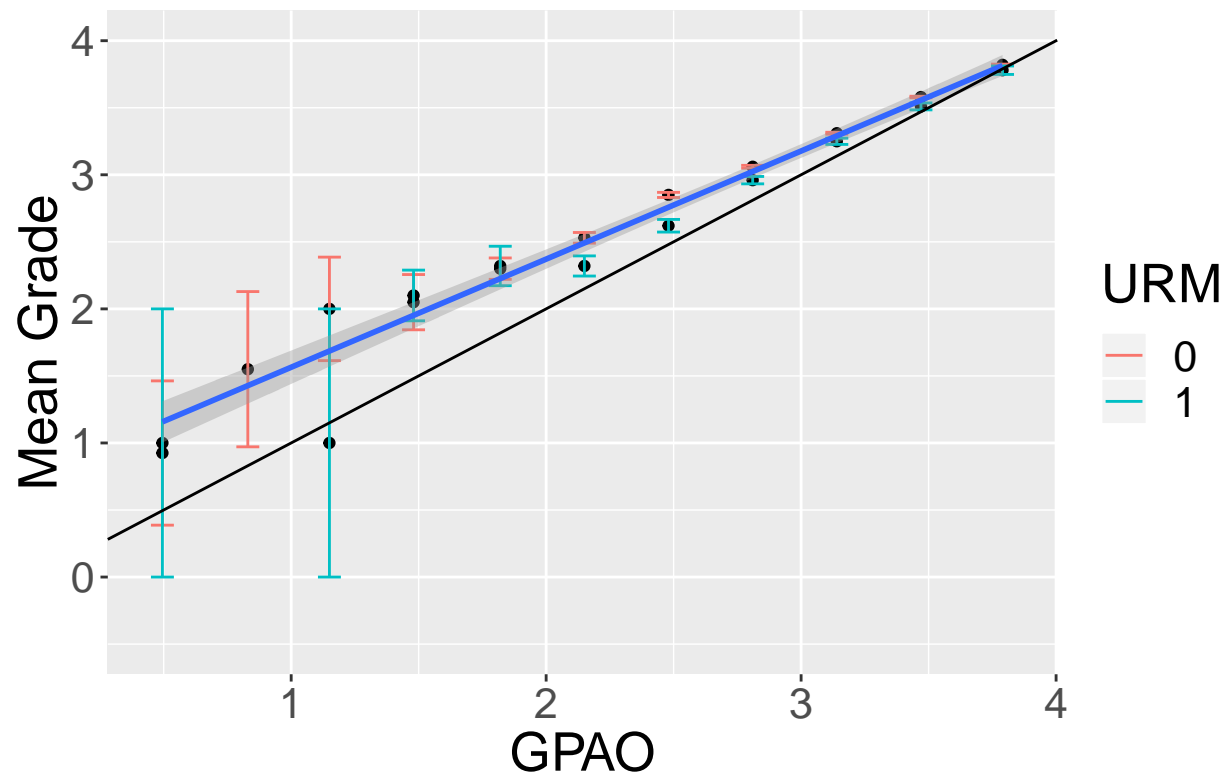
BIOLOGY173: GNDR



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```

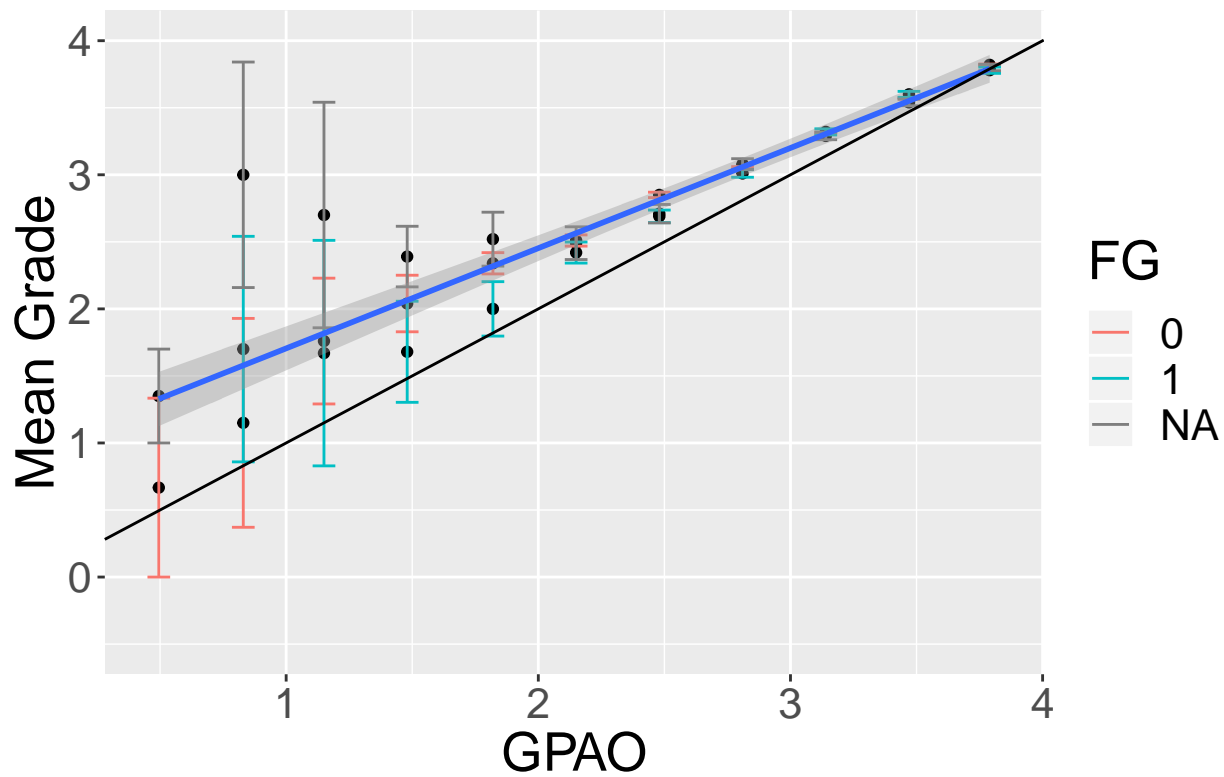

BIOLOGY173: URM



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```

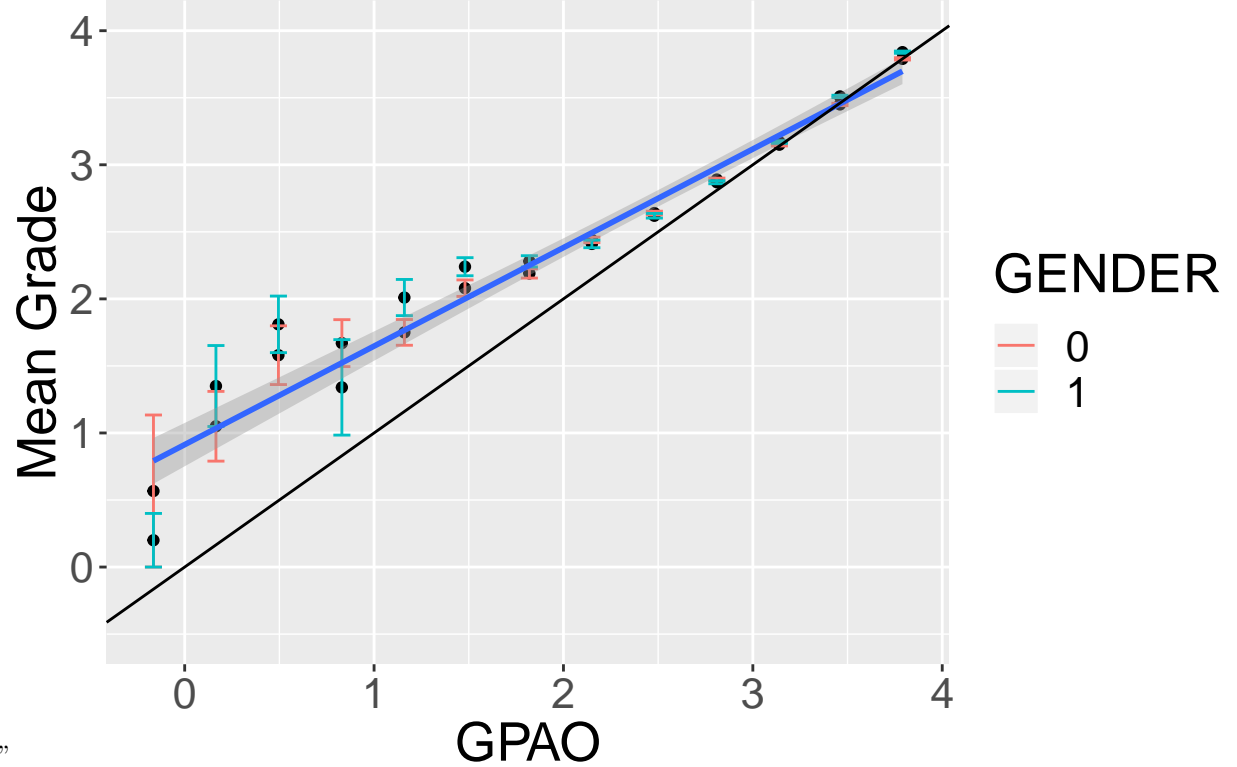
BIOLOGY173: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:36 2019

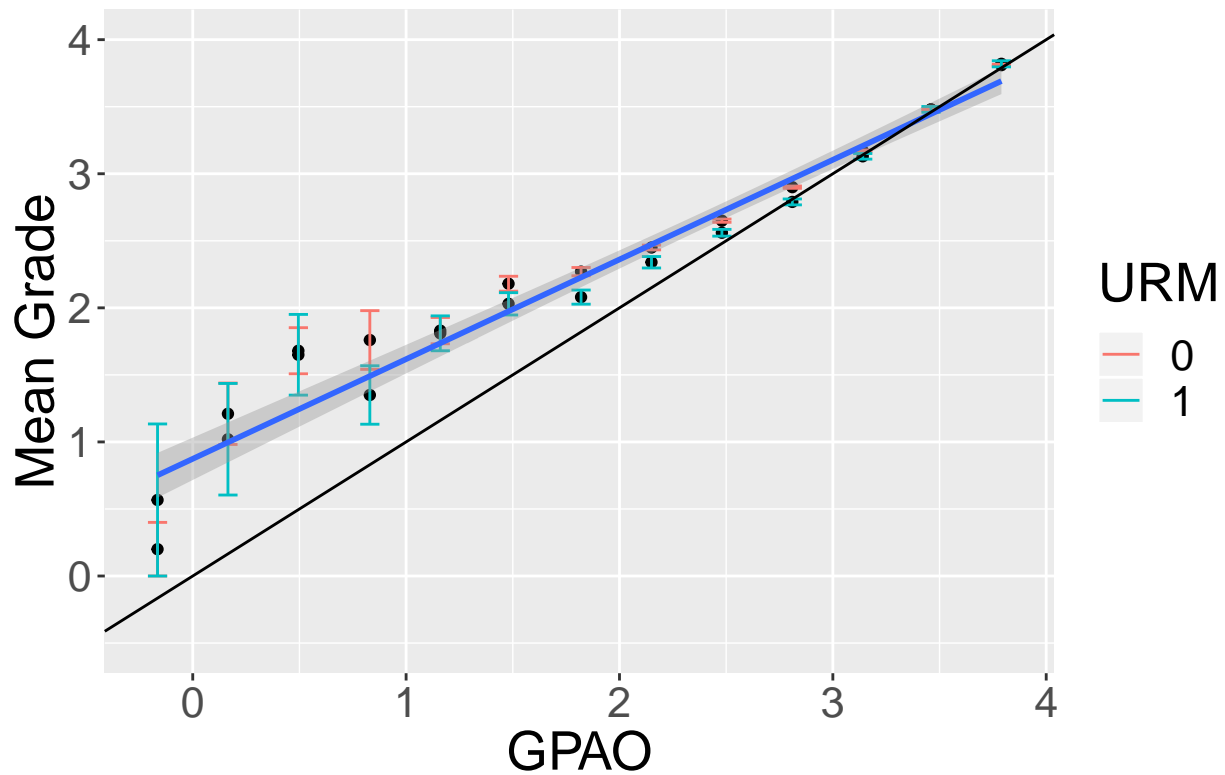
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.039	0.025	-1.544	0.12261
FG1	0.020	0.022	0.912	0.36174
GENDER1	-0.003	0.009	-0.328	0.74301
URM1:FG1	-0.230	0.059	-3.887	0.00010
URM1:GENDER1	-0.022	0.031	-0.693	0.48827
FG1:GENDER1	-0.012	0.028	-0.423	0.67219
URM1:FG1:GENDER1	0.137	0.073	1.884	0.05956

CHEM125: GNDR



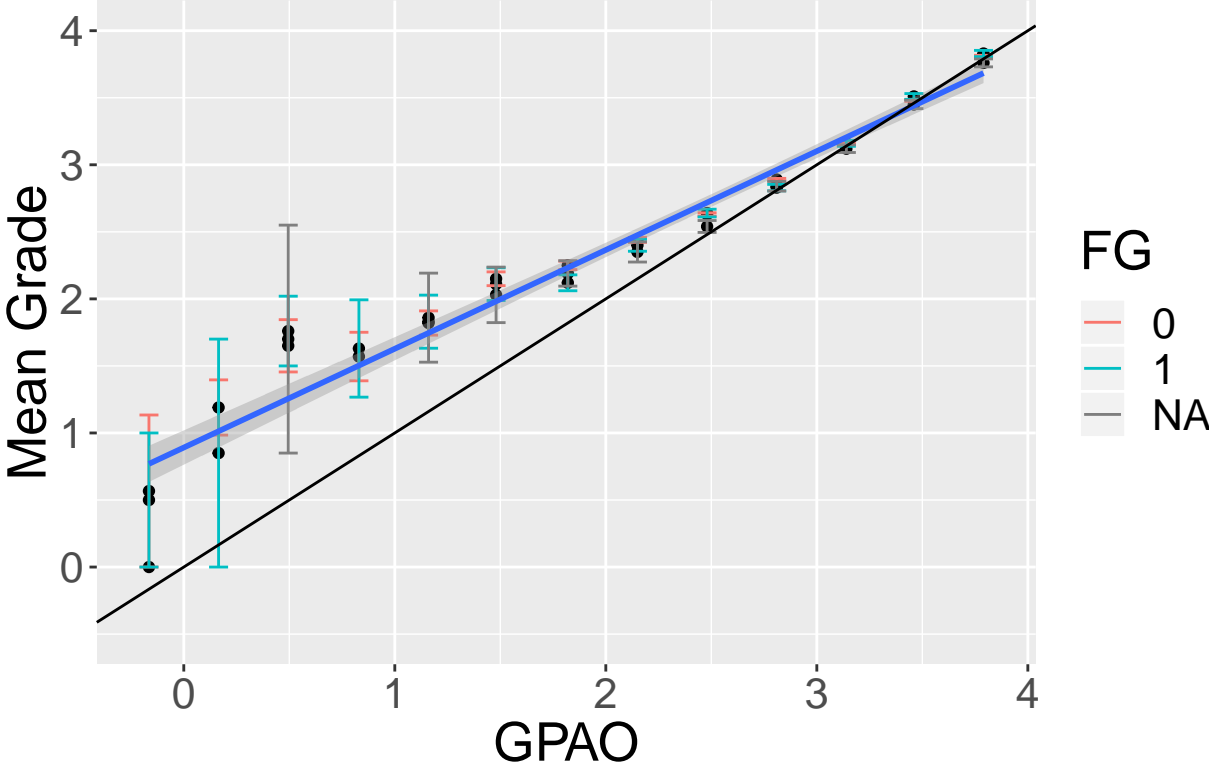
[1] "CHEM125"

CHEM125: URM



Warning: Removed 1 rows containing missing values (geom_errorbar).

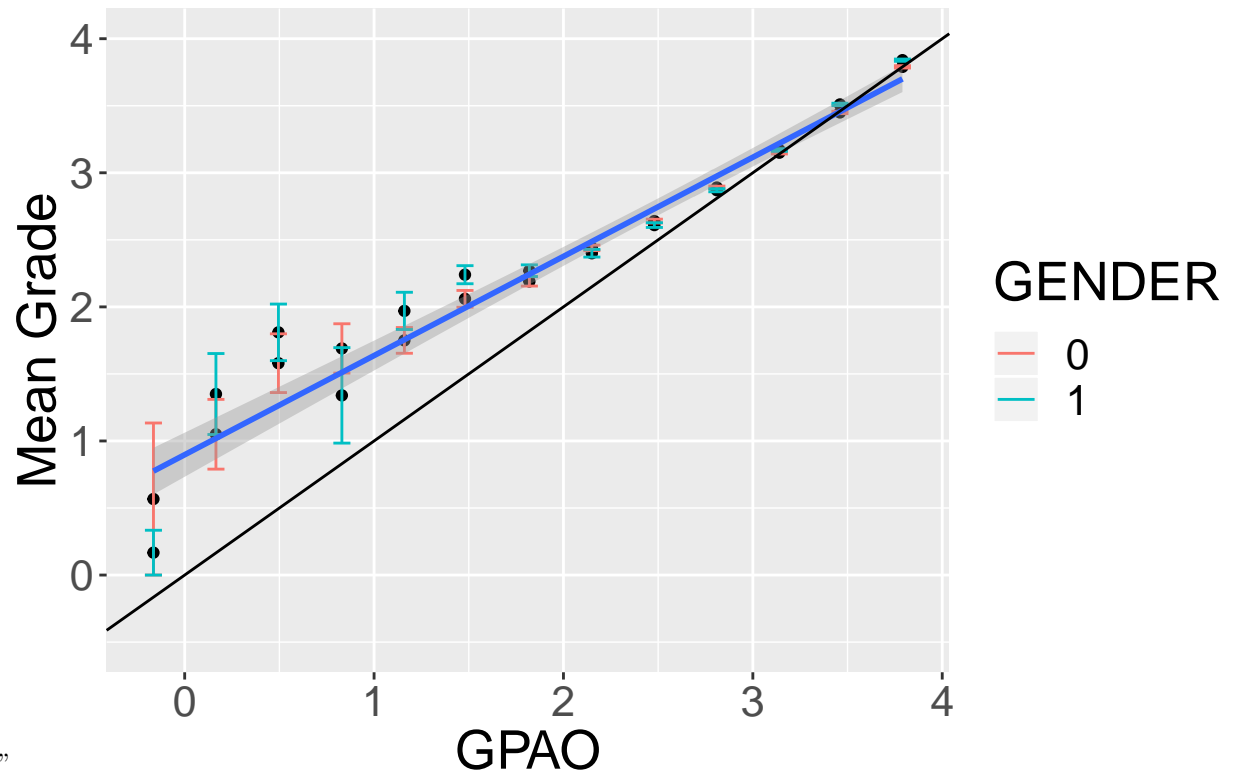
CHEM125: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:37 2019

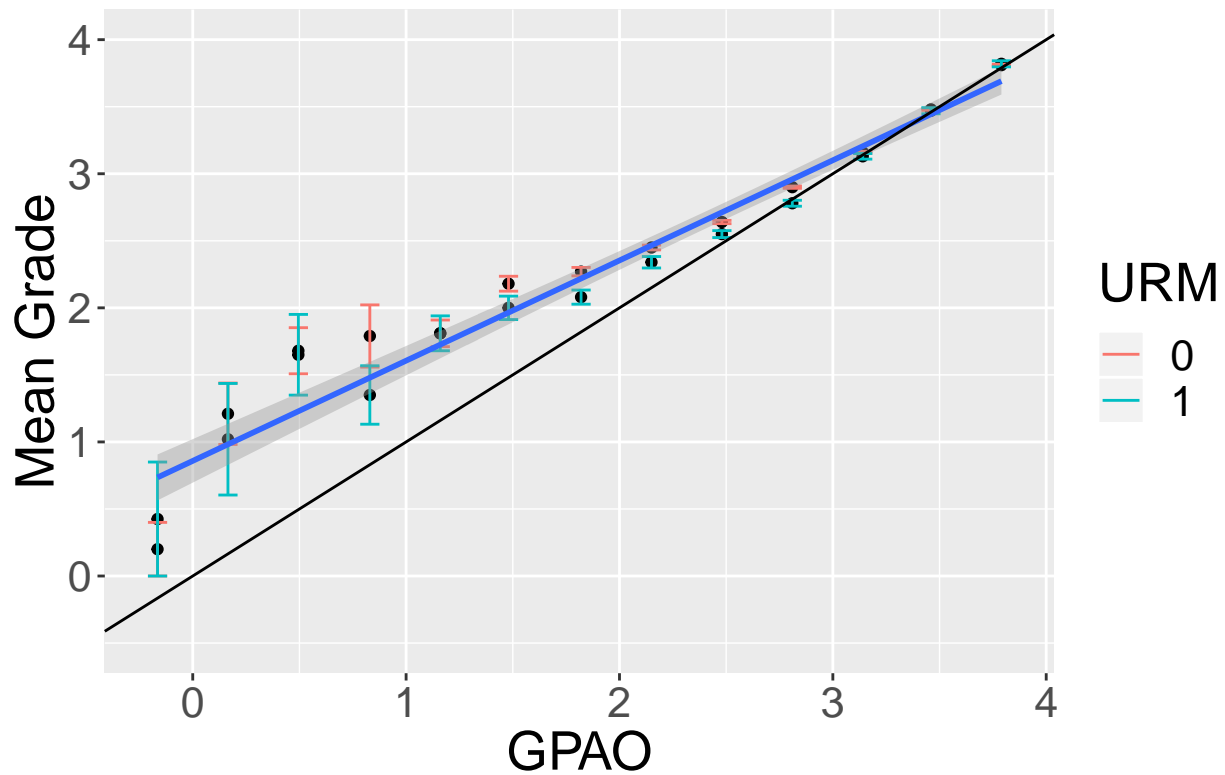
	Estimate	Std..Error	t.value	Pr...t..
URM1	0.001	0.019	0.059	0.95288
FG1	0.011	0.018	0.599	0.54887
GENDER1	0.064	0.009	7.192	0.00000
URM1:FG1	0.057	0.043	1.306	0.19145
URM1:GENDER1	-0.035	0.025	-1.378	0.16818
FG1:GENDER1	-0.001	0.026	-0.037	0.97059
URM1:FG1:GENDER1	-0.110	0.057	-1.919	0.05499

CHEM126: GNDR



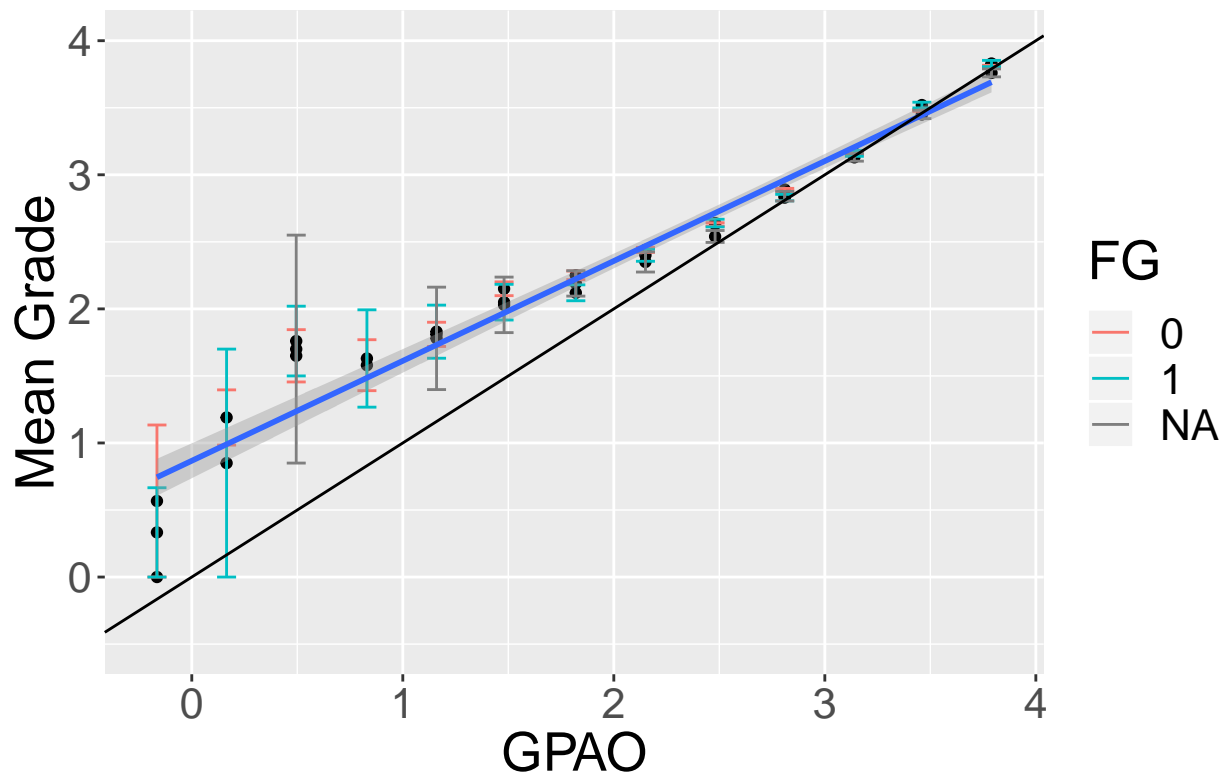
[1] "CHEM126"

CHEM126: URM



Warning: Removed 1 rows containing missing values (geom_errorbar).

CHEM126: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:39 2019

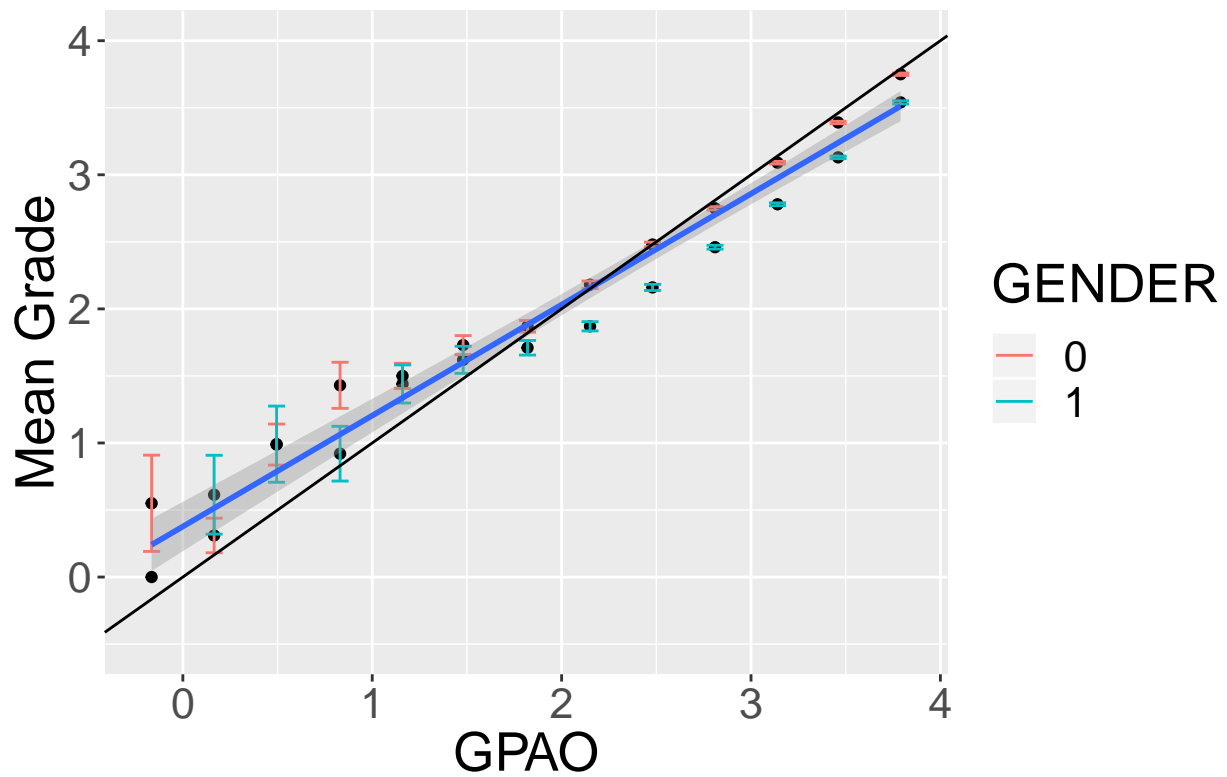
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.000	0.019	-0.022	0.98246
FG1	0.011	0.018	0.622	0.53367
GENDER1	0.063	0.009	6.976	0.00000
URM1:FG1	0.049	0.044	1.126	0.26023
URM1:GENDER1	-0.038	0.026	-1.481	0.13850
FG1:GENDER1	0.000	0.026	0.002	0.99850
URM1:FG1:GENDER1	-0.106	0.058	-1.829	0.06738

[1] "CHEM130"

Warning: Removed 2 rows containing missing values (geom_point).

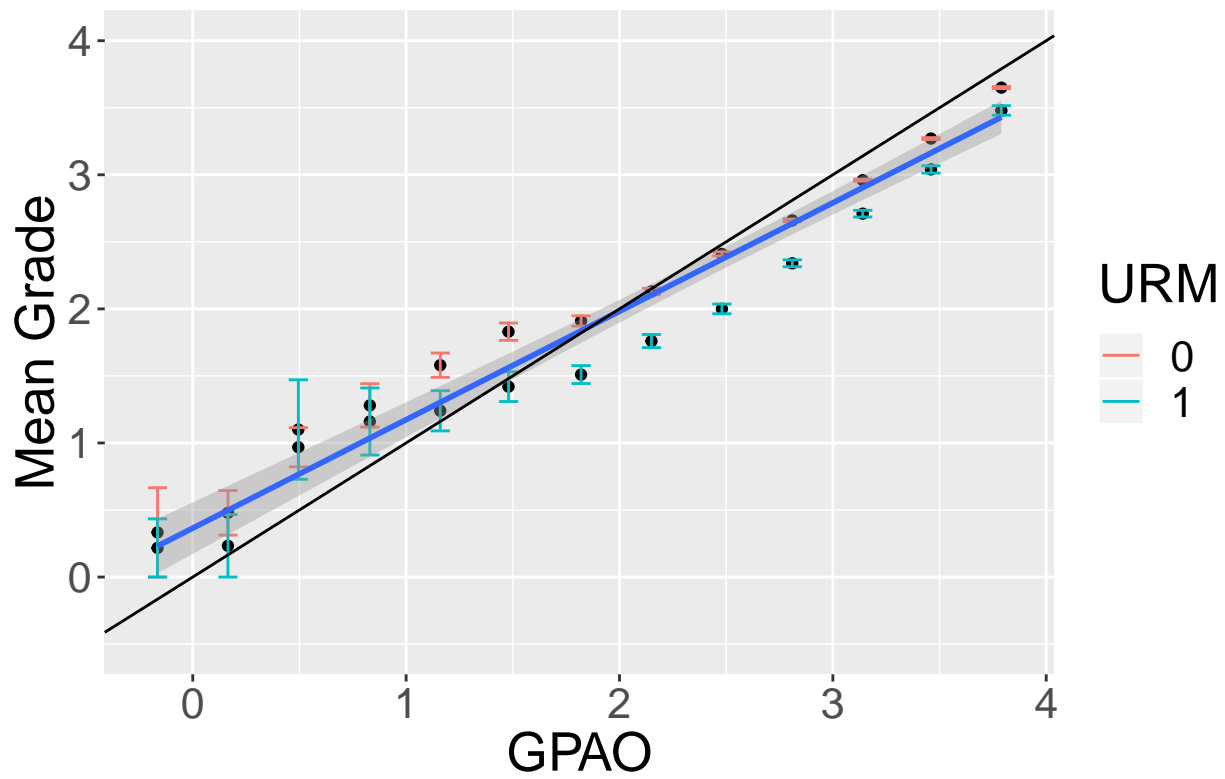
Warning: Removed 3 rows containing missing values (geom_errorbar).

CHEM130: GNDR



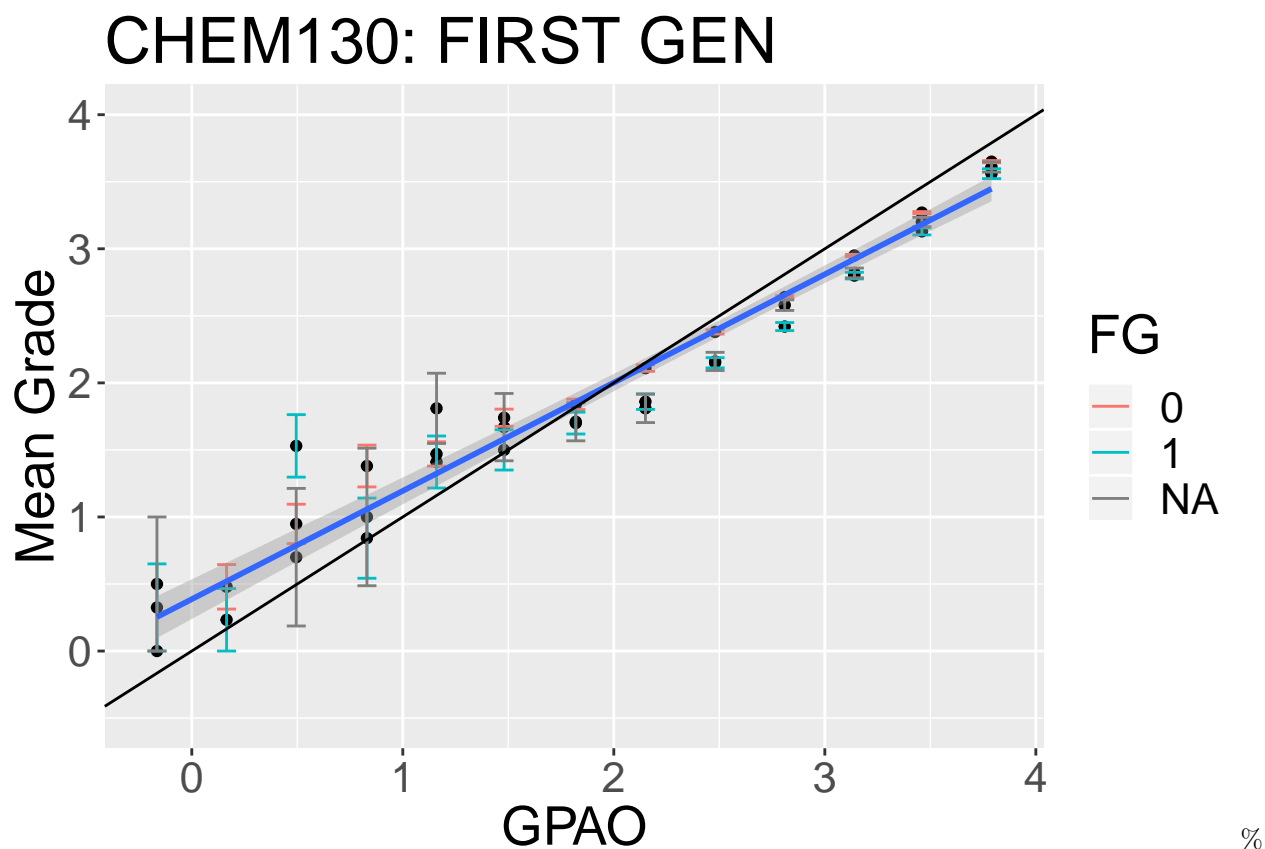
```
## Warning: Removed 1 rows containing missing values (geom_point).  
## Warning: Removed 1 rows containing missing values (geom_errorbar).
```

CHEM130: URM



```
## Warning: Removed 3 rows containing missing values (geom_point).
```

```
## Warning: Removed 4 rows containing missing values (geom_errorbar).
```

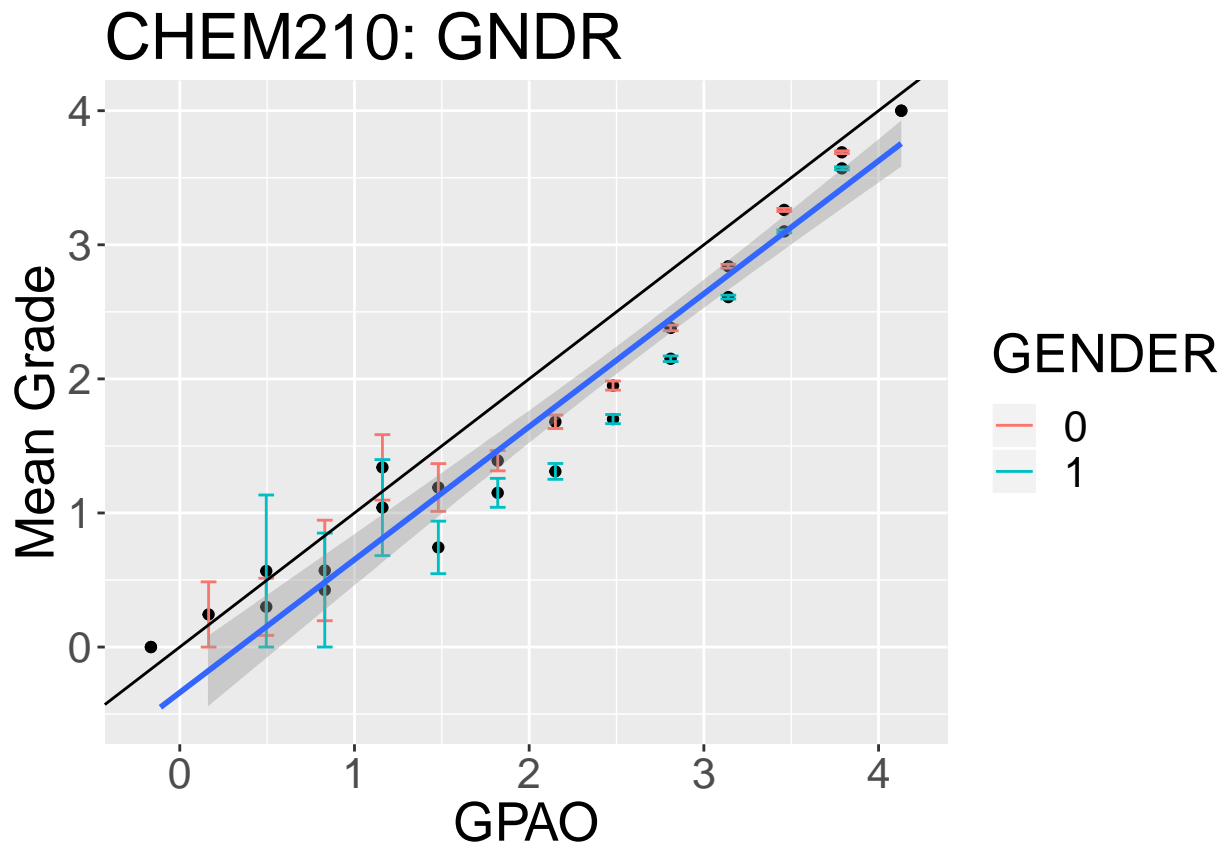
latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:40 2019

	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.082	0.020	-4.127	0.00004
FG1	-0.023	0.019	-1.212	0.22568
GENDER1	-0.096	0.009	-10.148	0.00000
URM1:FG1	-0.067	0.044	-1.520	0.12853
URM1:GENDER1	-0.042	0.026	-1.593	0.11116
FG1:GENDER1	-0.029	0.027	-1.073	0.28342
URM1:FG1:GENDER1	0.008	0.058	0.131	0.89568

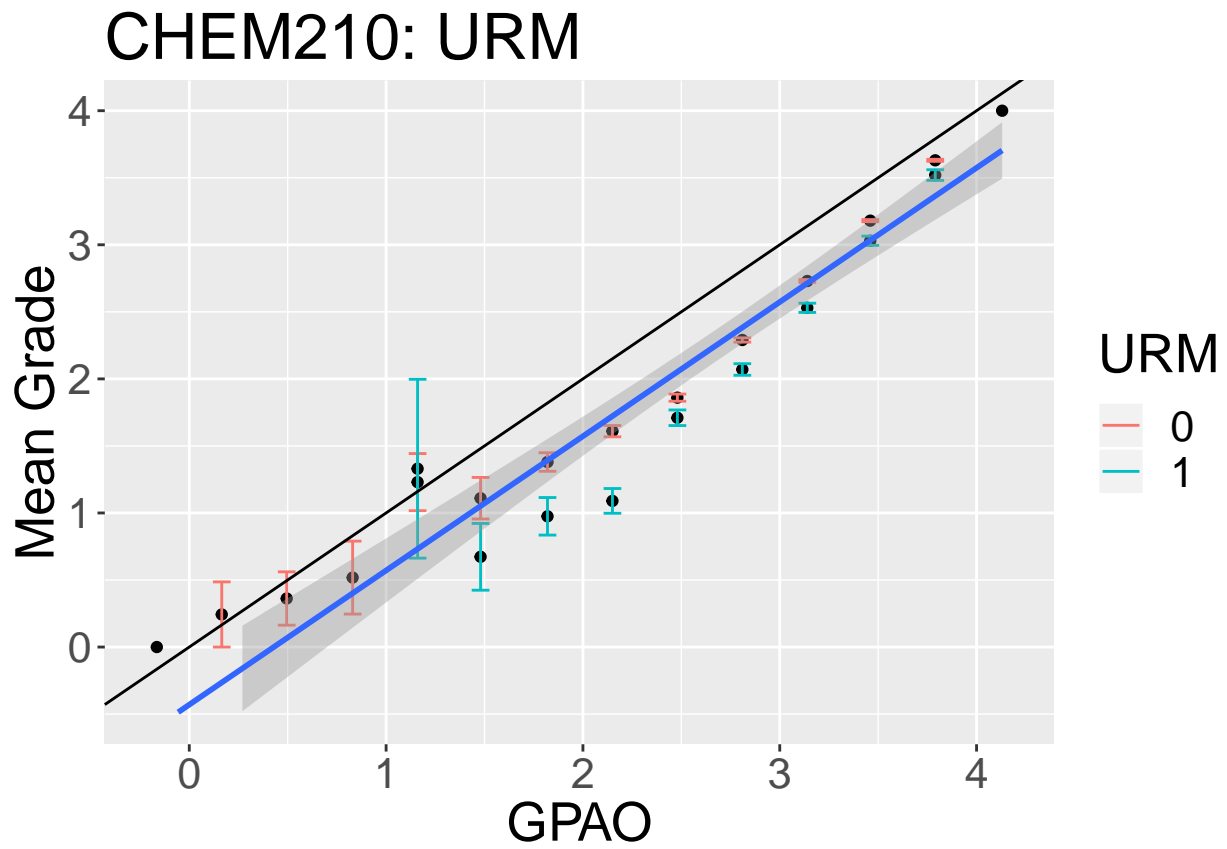
[1] "CHEM210"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 6 rows containing missing values (geom_errorbar).

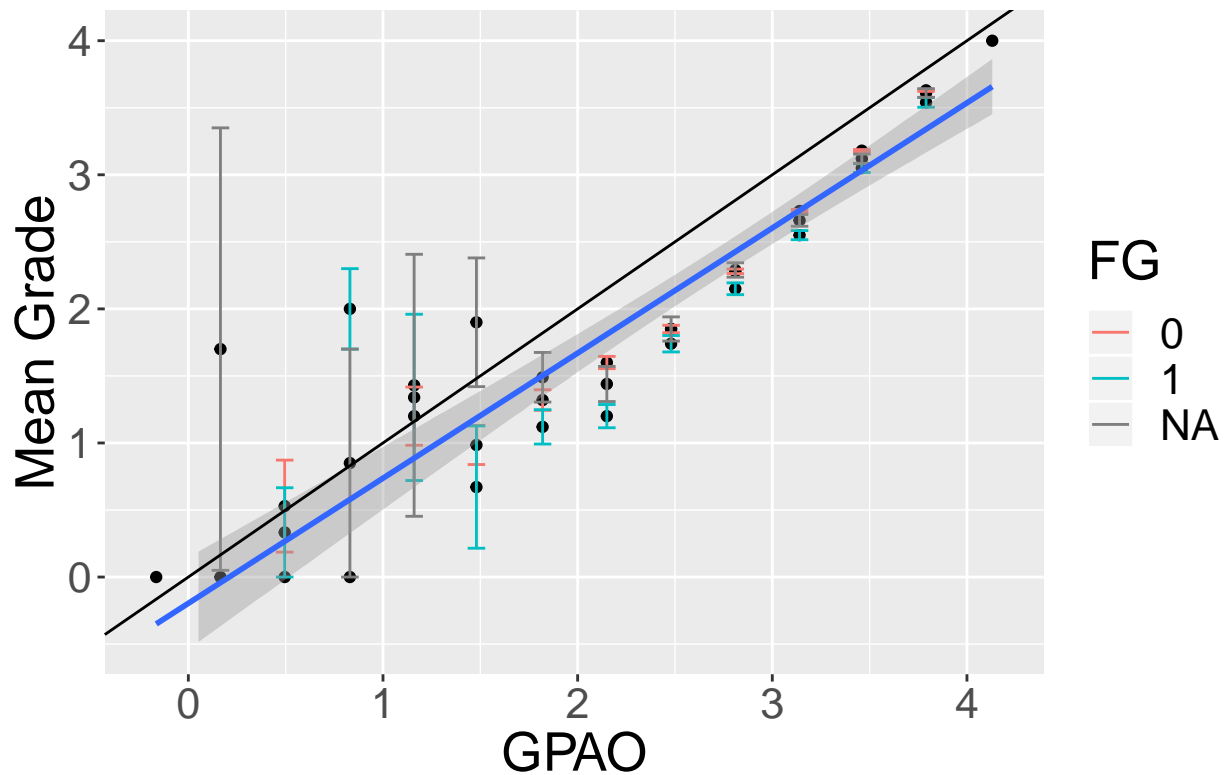


```
## Warning: Removed 2 rows containing missing values (geom_point).  
## Warning: Removed 4 rows containing missing values (geom_errorbar).
```



```
## Warning: Removed 3 rows containing missing values (geom_point).  
## Warning: Removed 8 rows containing missing values (geom_errorbar).
```

CHEM210: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:42 2019

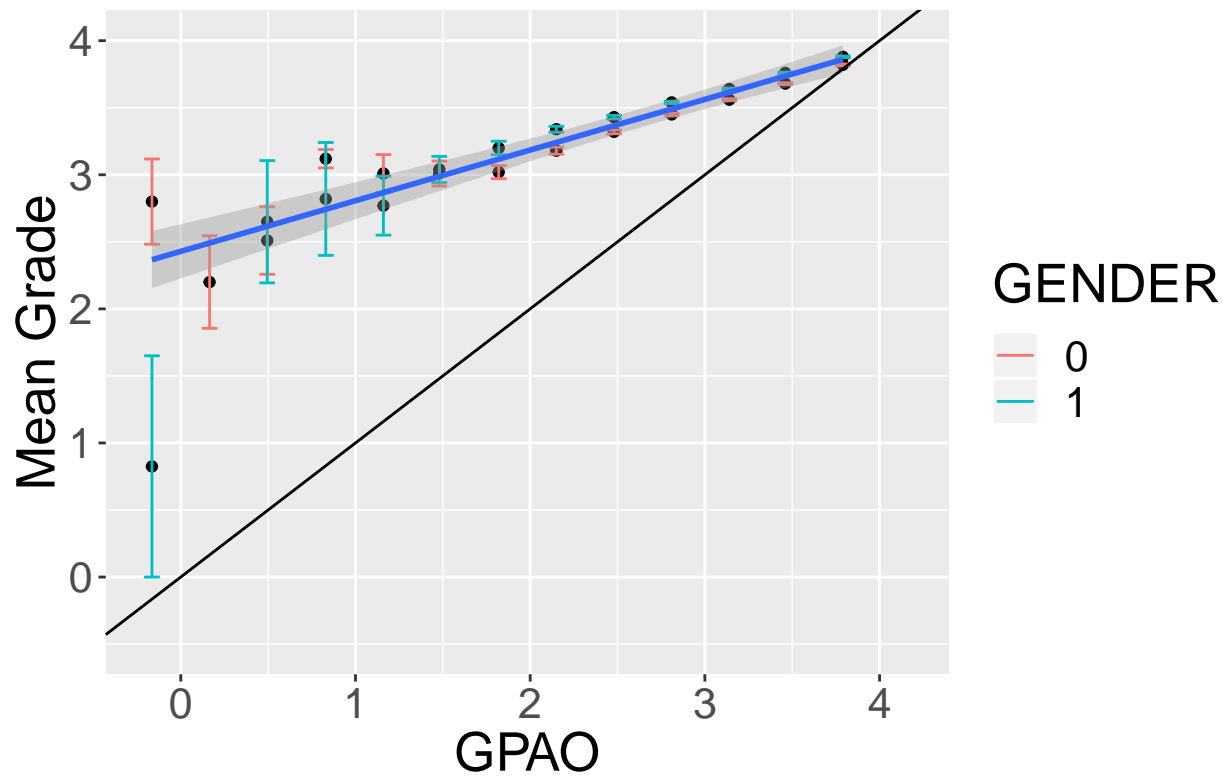
	Estimate	Std..Error	t.value	Pr...t..
URM1	0.006	0.031	0.207	0.83613
FG1	-0.029	0.028	-1.024	0.30604
GENDER1	-0.127	0.012	-10.564	0.00000
URM1:FG1	-0.127	0.078	-1.616	0.10613
URM1:GENDER1	-0.137	0.041	-3.370	0.00075
FG1:GENDER1	-0.045	0.037	-1.222	0.22191
URM1:FG1:GENDER1	-0.038	0.100	-0.384	0.70089

[1] "CHEM211"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 2 rows containing missing values (geom_errorbar).

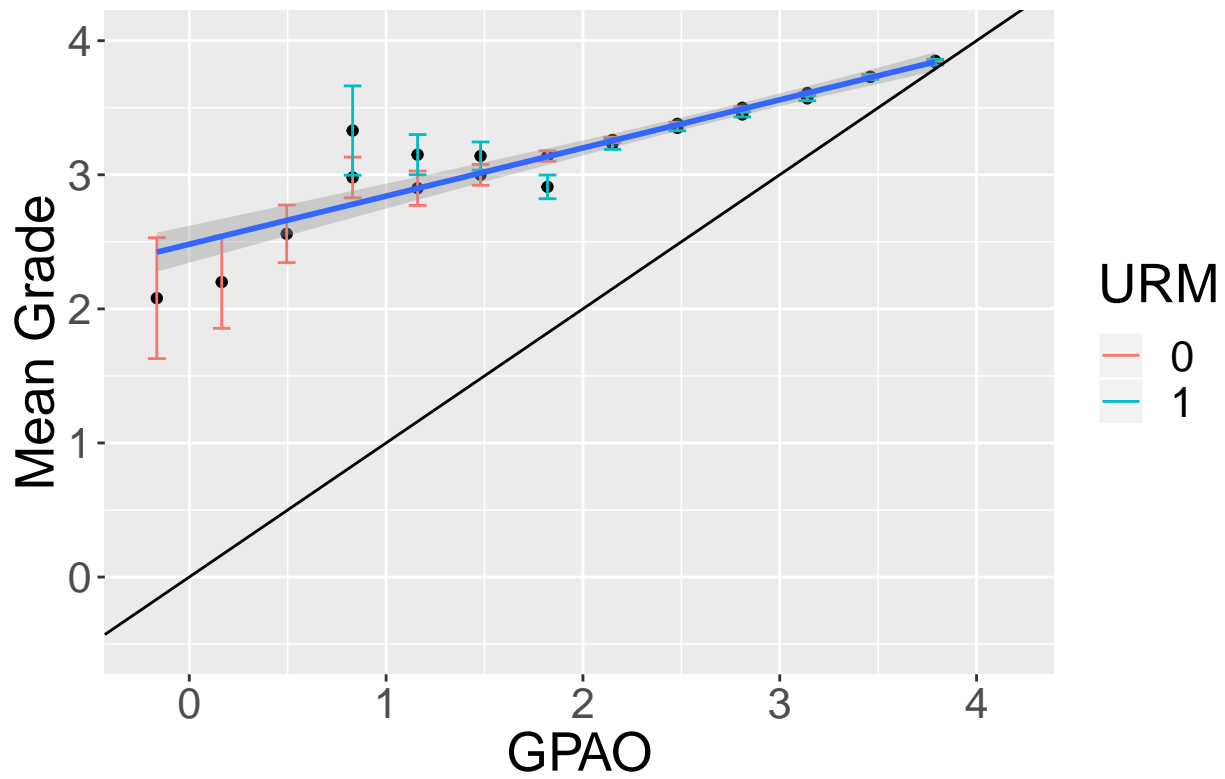
CHEM211: GNDR



Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).

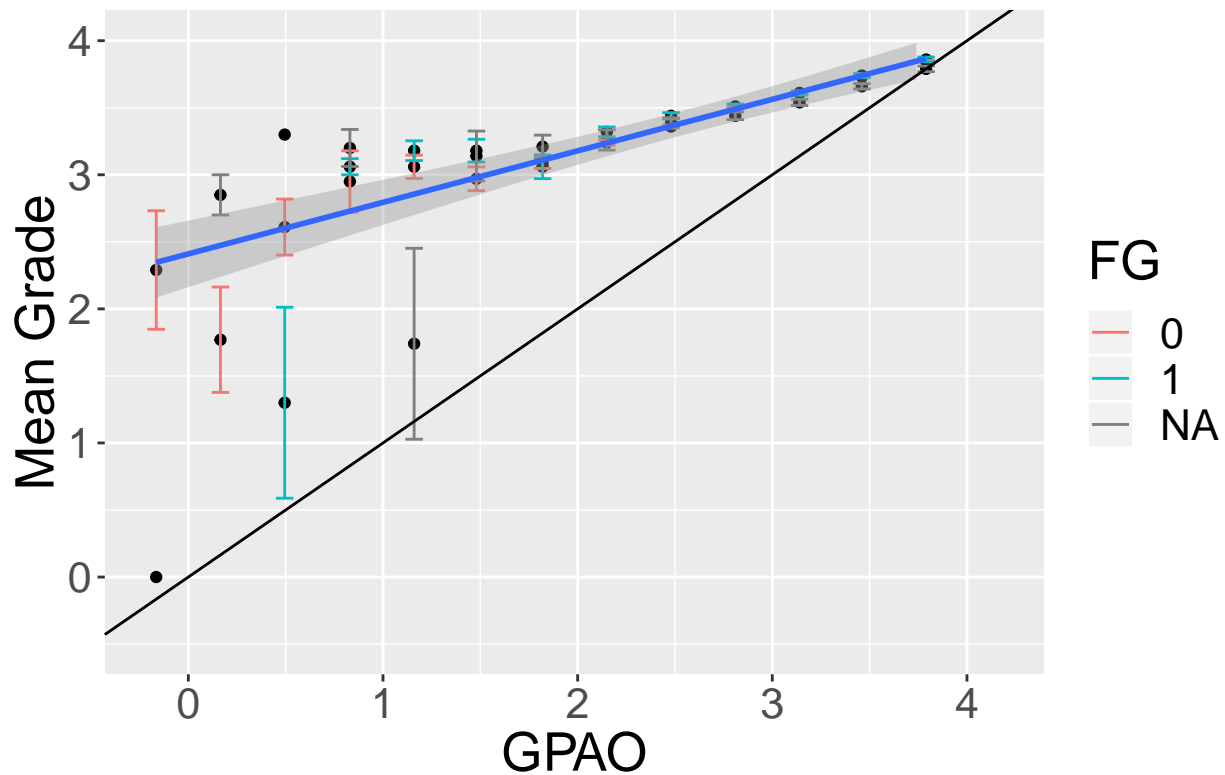
CHEM211: URM



```
## Warning: Removed 4 rows containing missing values (geom_point).
```

```
## Warning: Removed 6 rows containing missing values (geom_errorbar).
```

CHEM211: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:43 2019

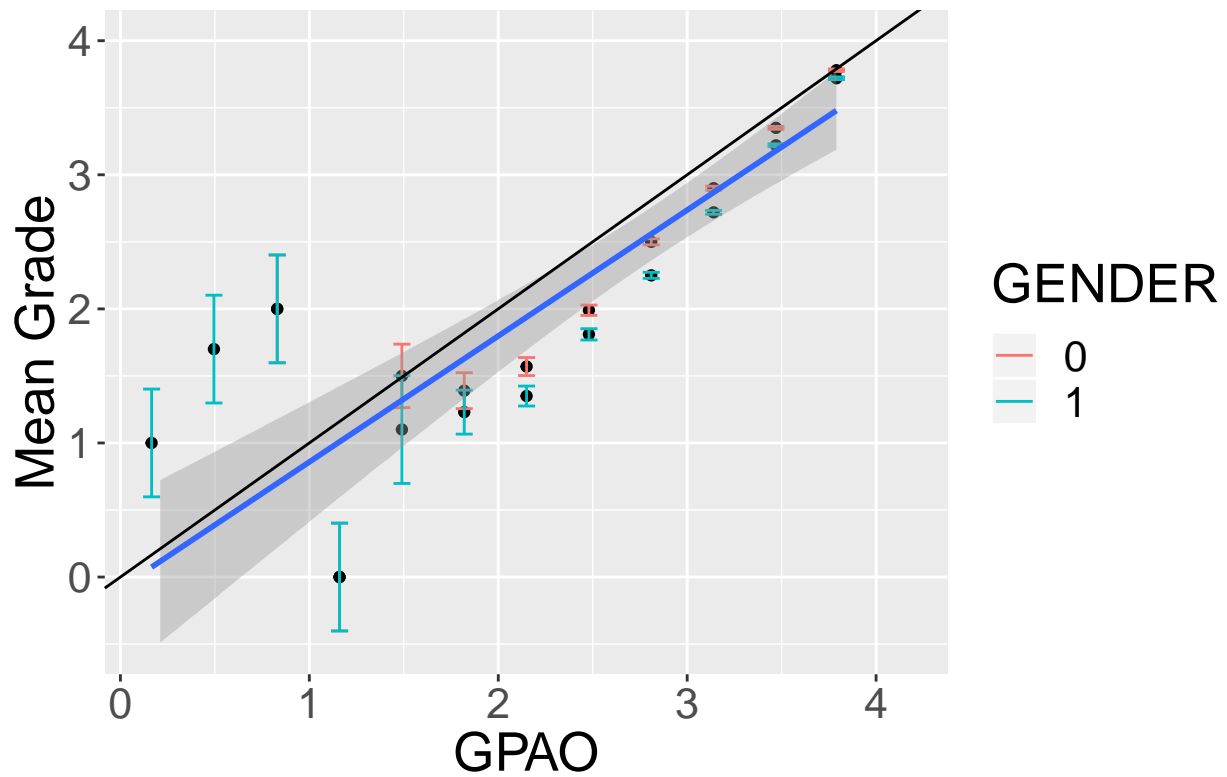
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.045	0.016	-2.771	0.00559
FG1	0.034	0.015	2.360	0.01827
GENDER1	0.085	0.006	13.735	0.00000
URM1:FG1	-0.020	0.041	-0.496	0.61996
URM1:GENDER1	0.011	0.021	0.539	0.58979
FG1:GENDER1	-0.019	0.019	-0.988	0.32333
URM1:FG1:GENDER1	-0.012	0.052	-0.234	0.81472

[1] "CHEM215"

Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).

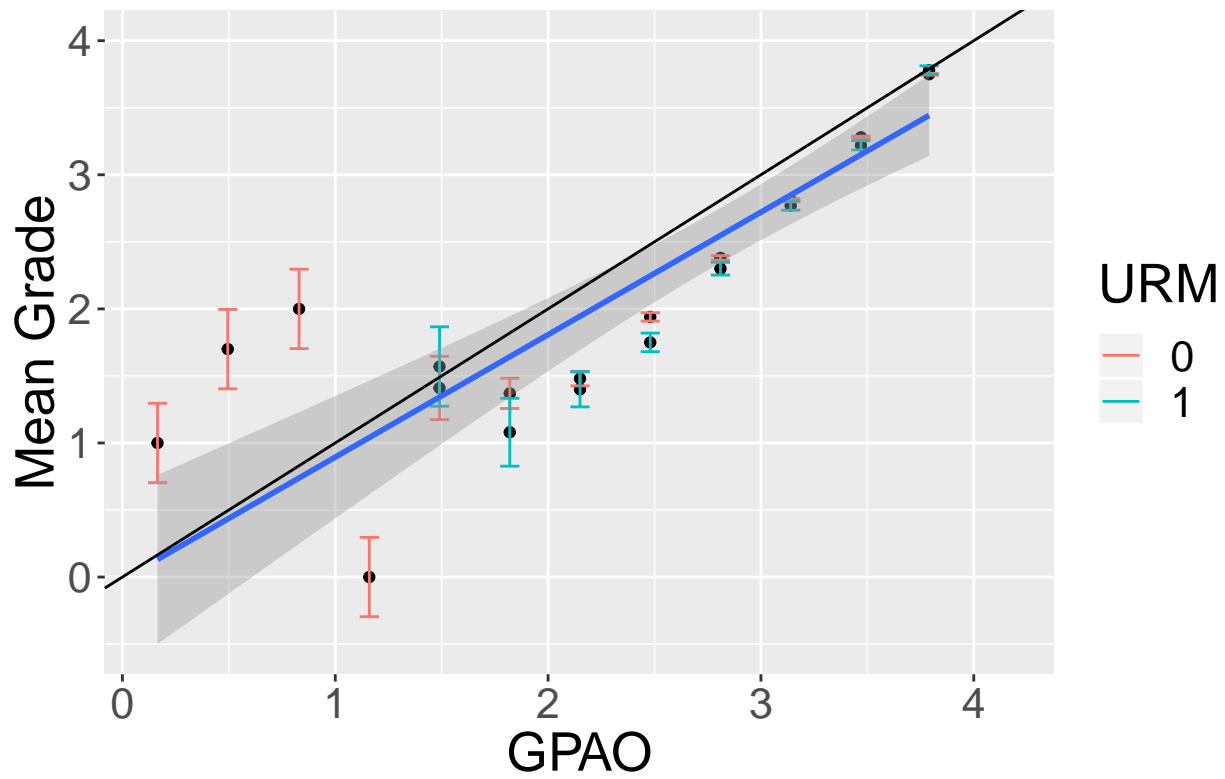
CHEM215: GNDR



Warning: Removed 3 rows containing missing values (geom_point).

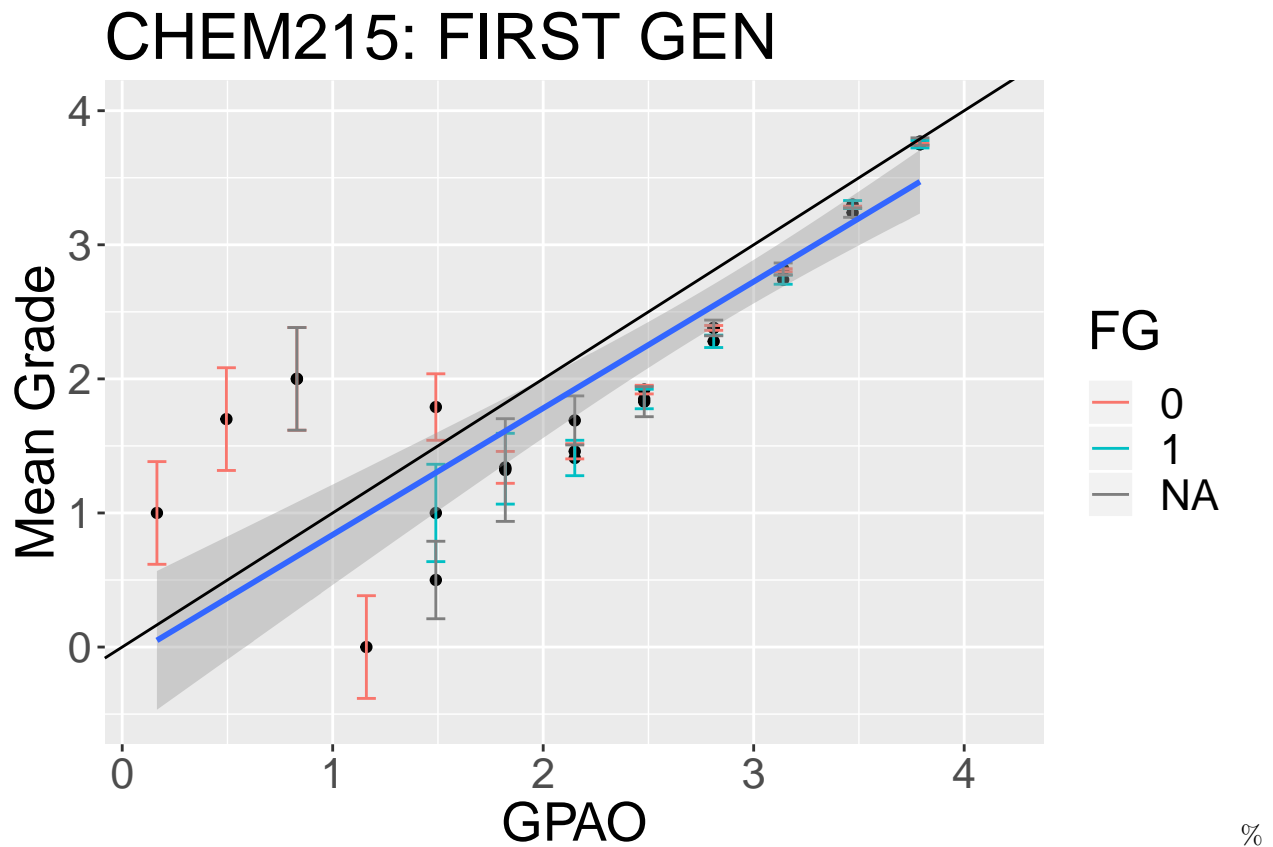
Warning: Removed 3 rows containing missing values (geom_errorbar).

CHEM215: URM



Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:45 2019

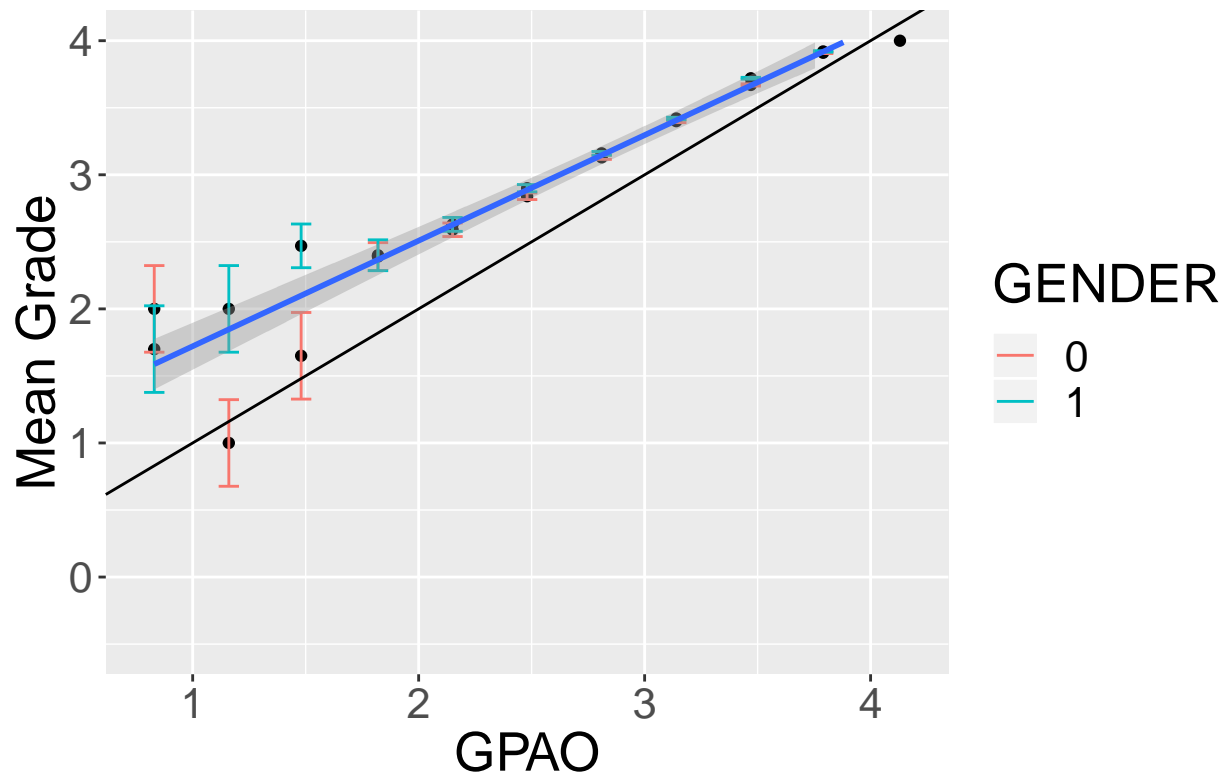
	Estimate	Std..Error	t.value	Pr...t..
URM1	0.025	0.033	0.757	0.44894
FG1	0.001	0.029	0.023	0.98184
GENDER1	-0.124	0.012	-9.977	0.00000
URM1:FG1	-0.105	0.086	-1.223	0.22121
URM1:GENDER1	-0.098	0.043	-2.262	0.02369
FG1:GENDER1	-0.050	0.039	-1.282	0.20003
URM1:FG1:GENDER1	0.169	0.112	1.515	0.12978

[1] "CHEM216"

Warning: Removed 2 rows containing missing values (geom_point).

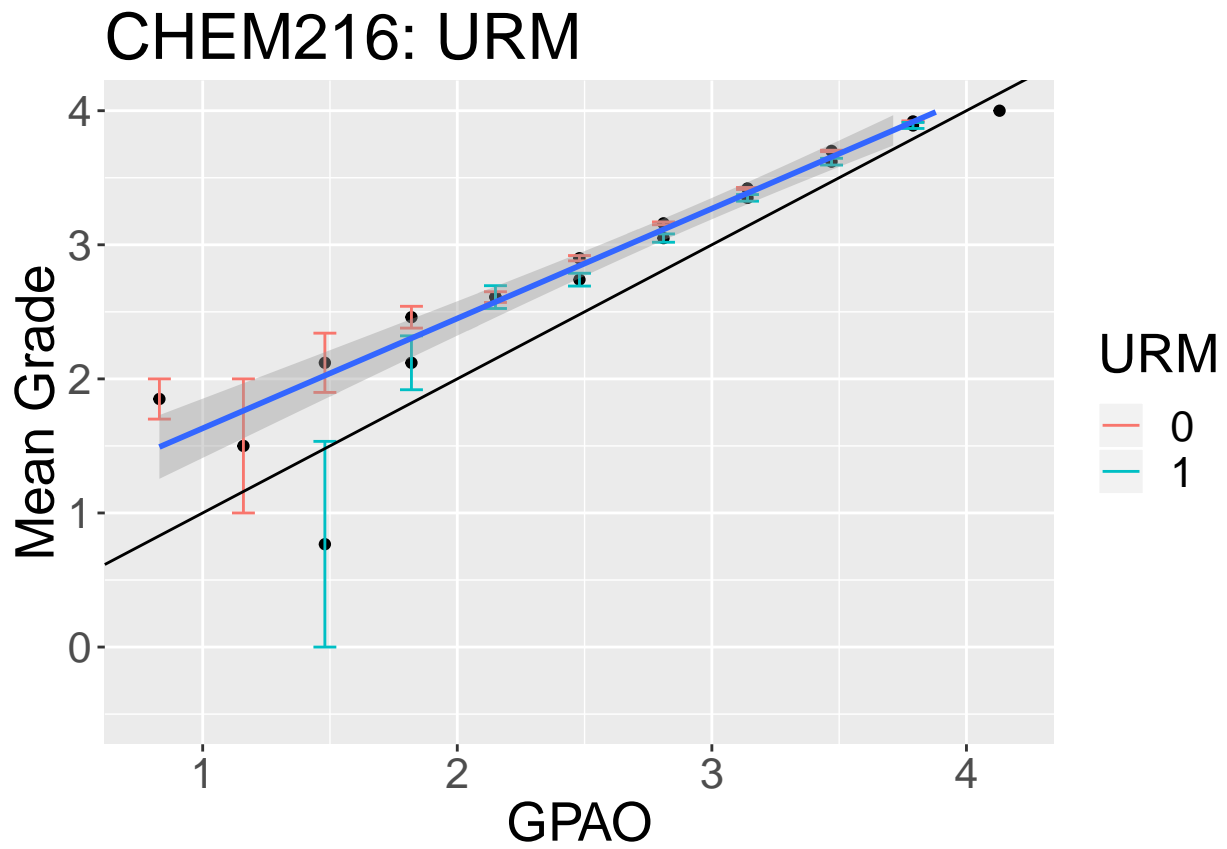
Warning: Removed 3 rows containing missing values (geom_errorbar).

CHEM216: GNDR



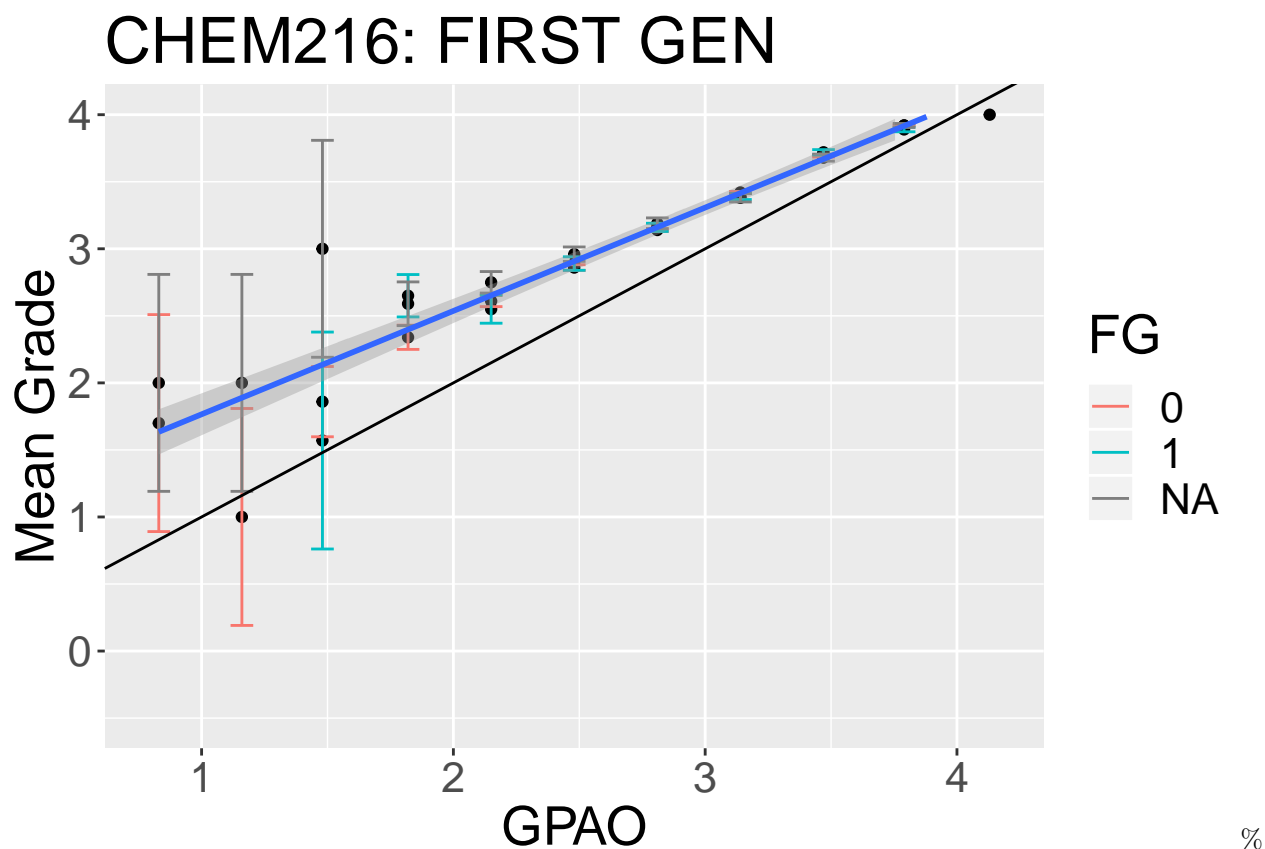
```
## Warning: Removed 1 rows containing missing values (geom_point).
```

```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 3 rows containing missing values (geom_errorbar).
```



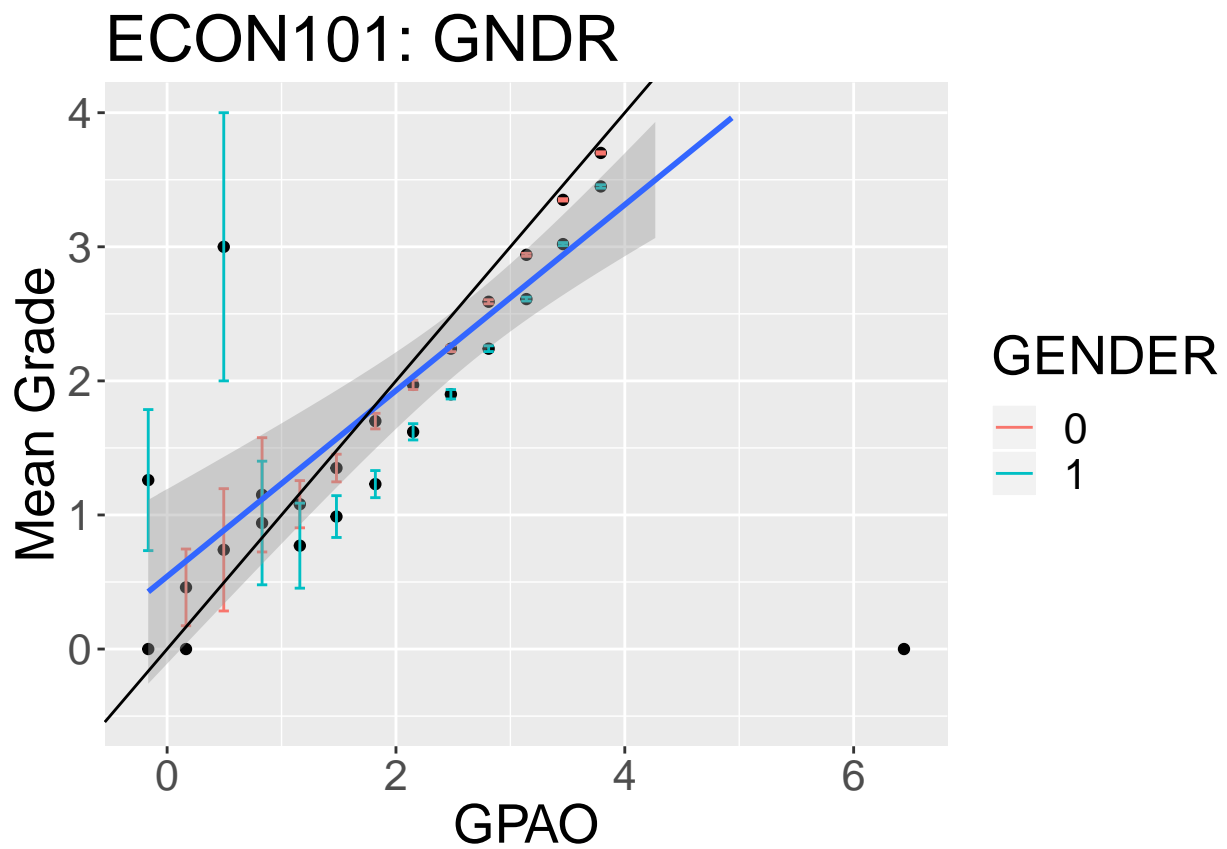
latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:46 2019

	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.055	0.023	-2.338	0.01941
FG1	0.006	0.020	0.324	0.74567
GENDER1	0.041	0.008	4.840	0.00000
URM1:FG1	-0.001	0.061	-0.009	0.99278
URM1:GENDER1	-0.058	0.030	-1.932	0.05334
FG1:GENDER1	0.006	0.027	0.225	0.82162
URM1:FG1:GENDER1	0.015	0.078	0.186	0.85271

[1] "ECON101"

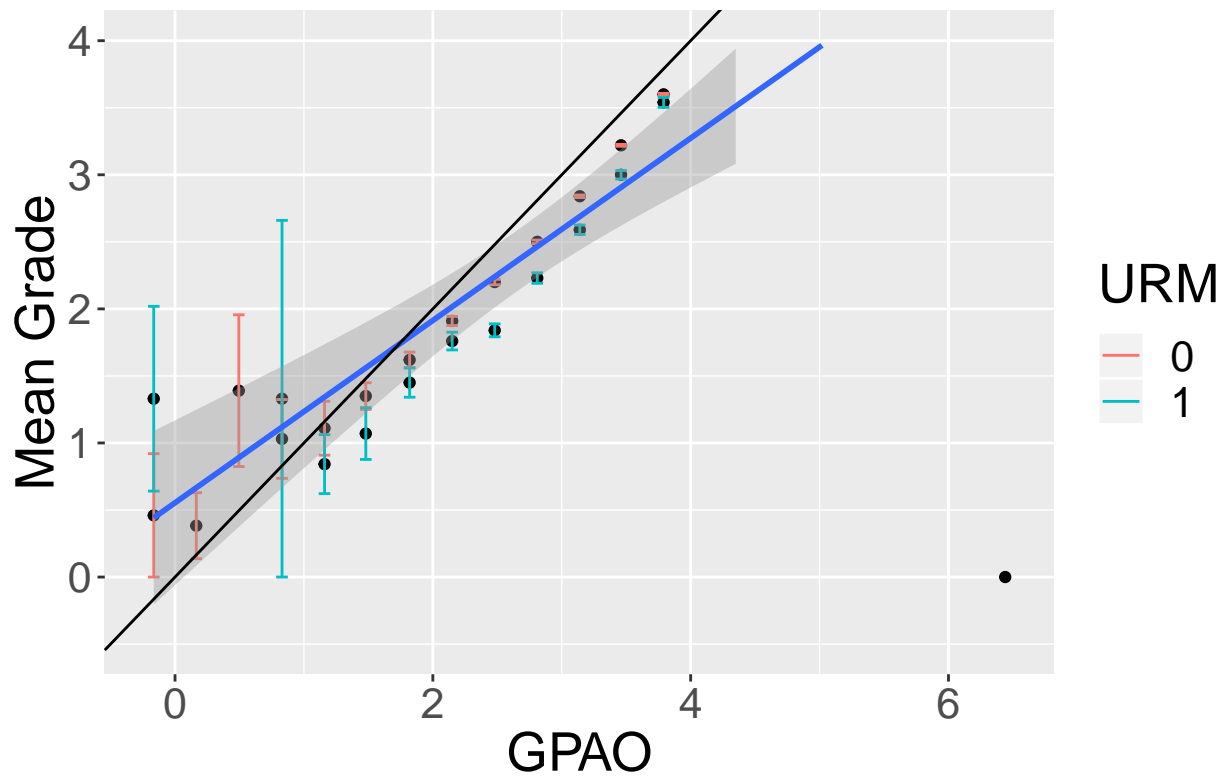
Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 6 rows containing missing values (geom_errorbar).



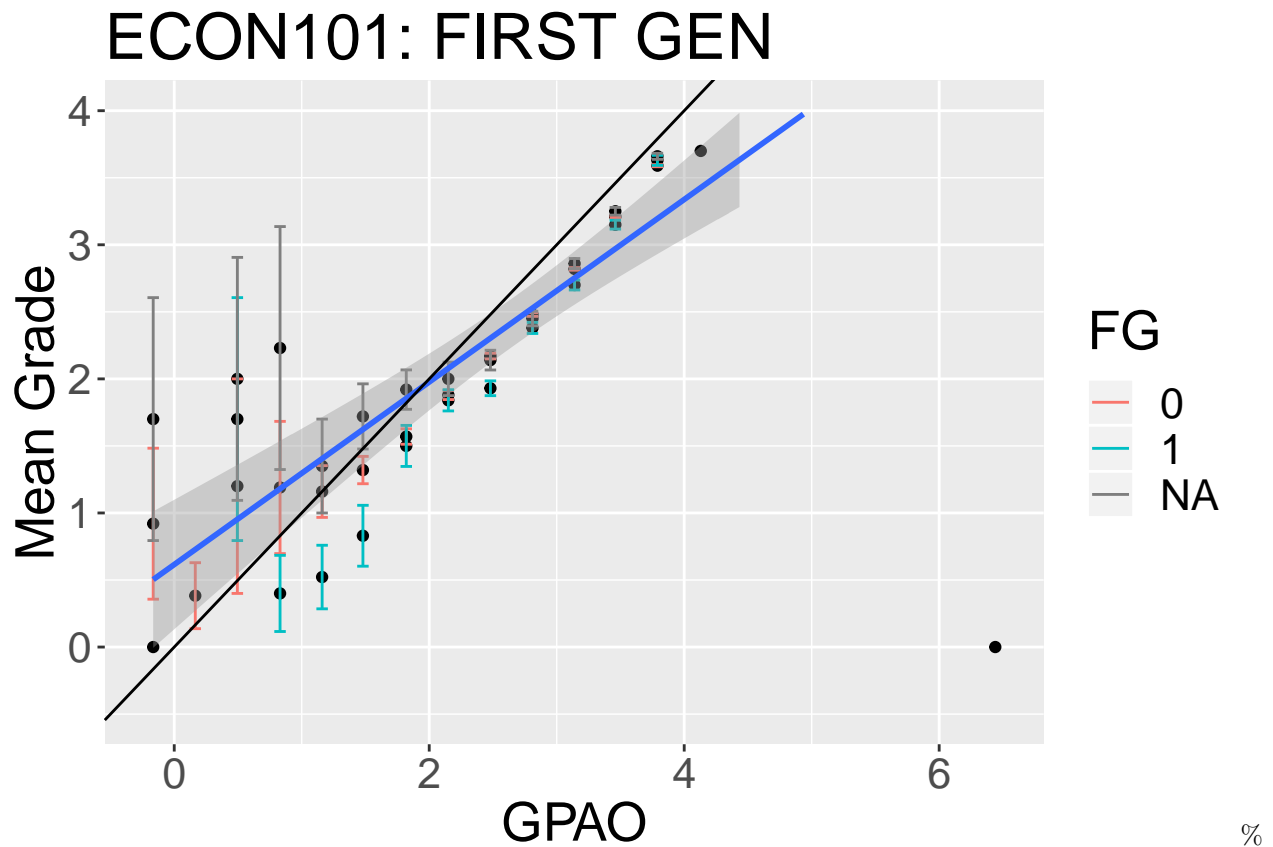
```
## Warning: Removed 3 rows containing missing values (geom_point).  
## Warning: Removed 4 rows containing missing values (geom_errorbar).
```

ECON101: URM



Warning: Removed 4 rows containing missing values (geom_point).

Warning: Removed 7 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:48 2019

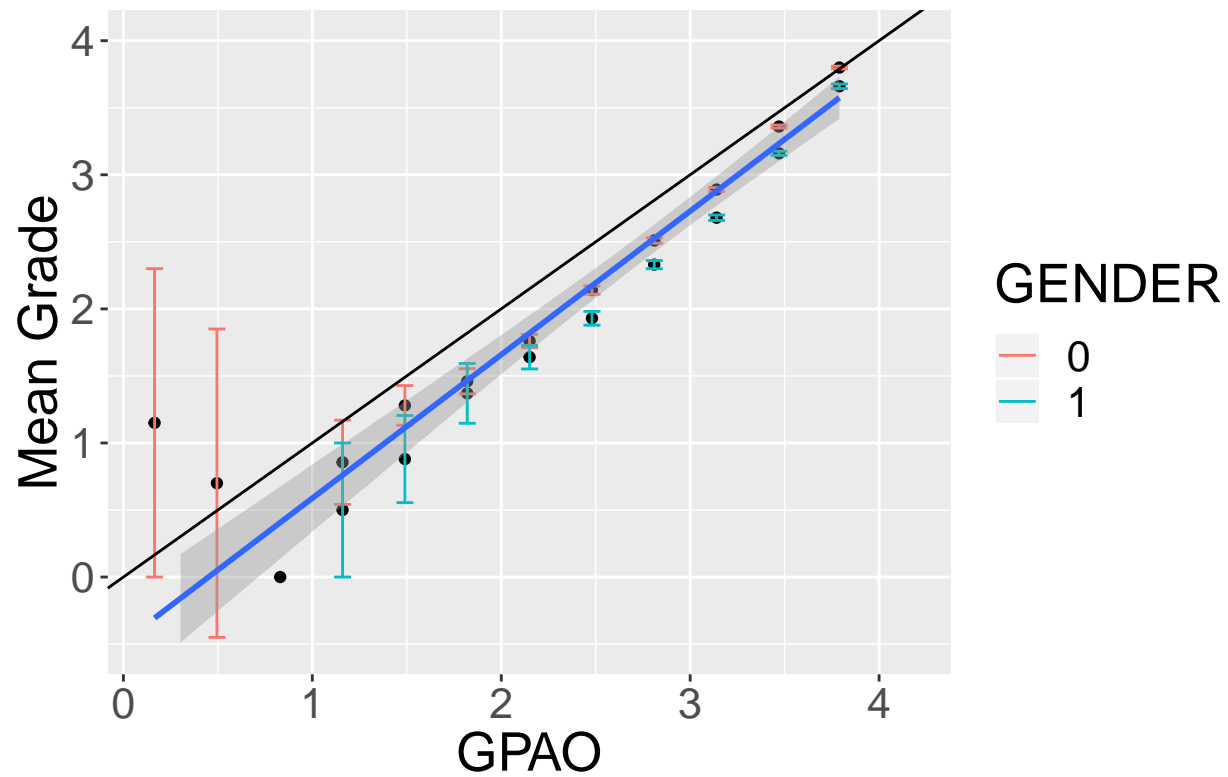
	Estimate	Std..Error	t.value	Pr...t..
URM1	0.007	0.025	0.266	0.79046
FG1	-0.009	0.024	-0.360	0.71921
GENDER1	-0.206	0.011	-19.297	0.00000
URM1:FG1	0.078	0.060	1.305	0.19179
URM1:GENDER1	0.023	0.036	0.634	0.52584
FG1:GENDER1	0.027	0.038	0.712	0.47620
URM1:FG1:GENDER1	-0.226	0.087	-2.599	0.00937

[1] "ECON102"

Warning: Removed 4 rows containing missing values (geom_point).

Warning: Removed 5 rows containing missing values (geom_errorbar).

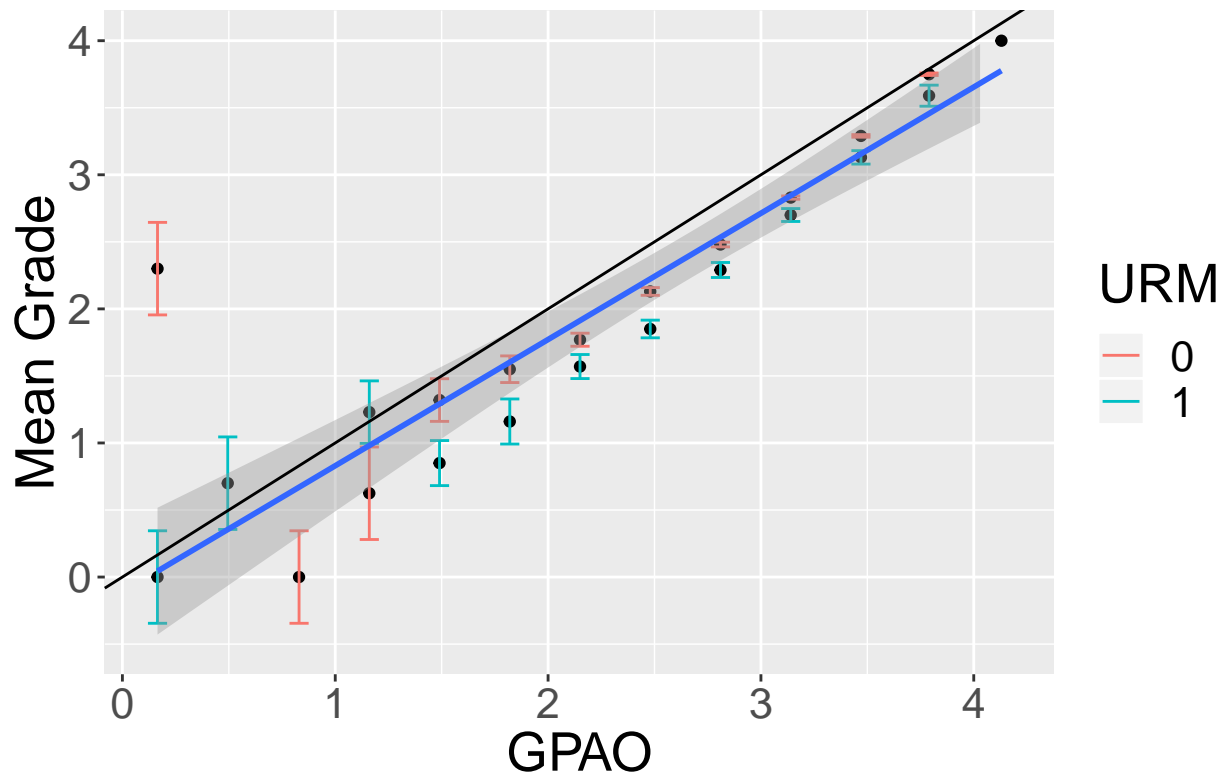
ECON102: GNDR



```
## Warning: Removed 3 rows containing missing values (geom_point).
```

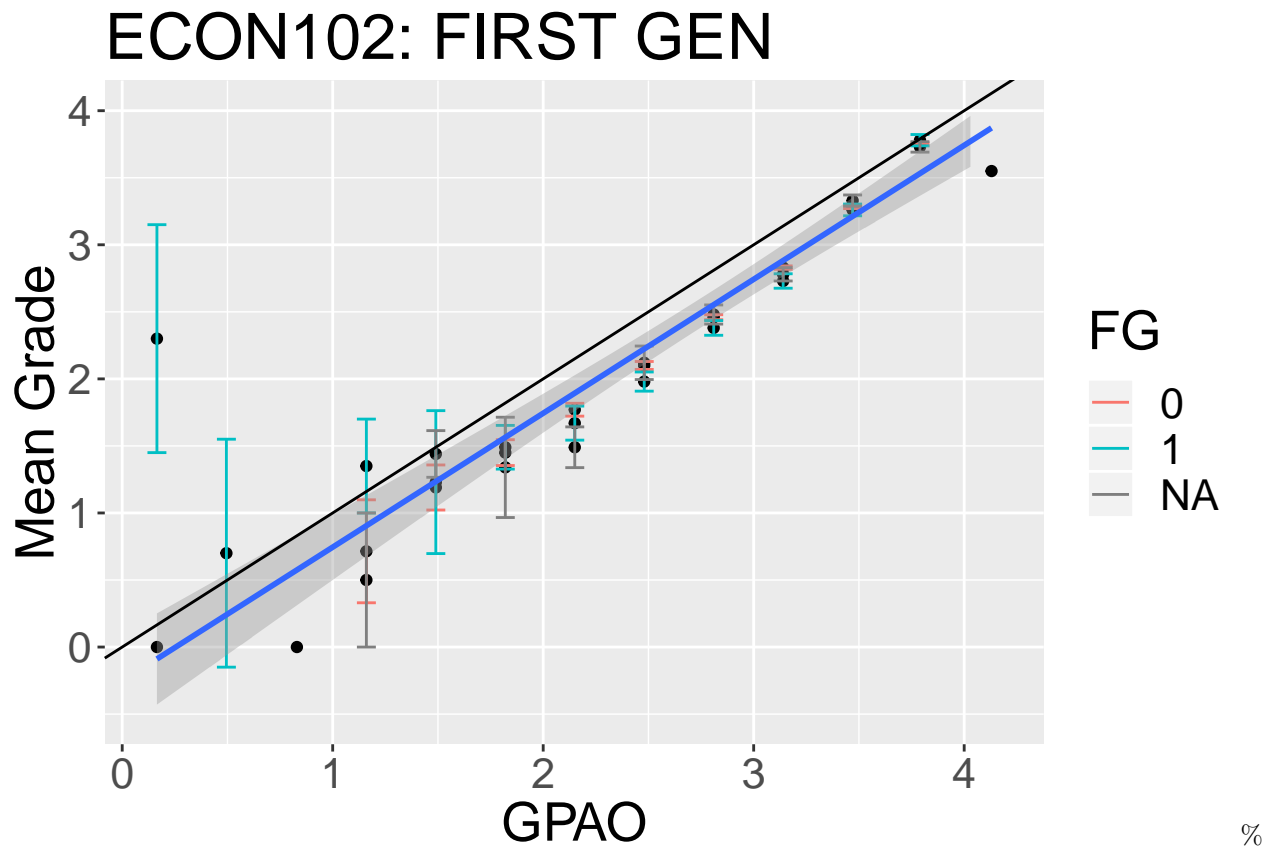
```
## Warning: Removed 4 rows containing missing values (geom_errorbar).
```

ECON102: URM



```
## Warning: Removed 5 rows containing missing values (geom_point).
```

```
## Warning: Removed 8 rows containing missing values (geom_errorbar).
```



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:49 2019

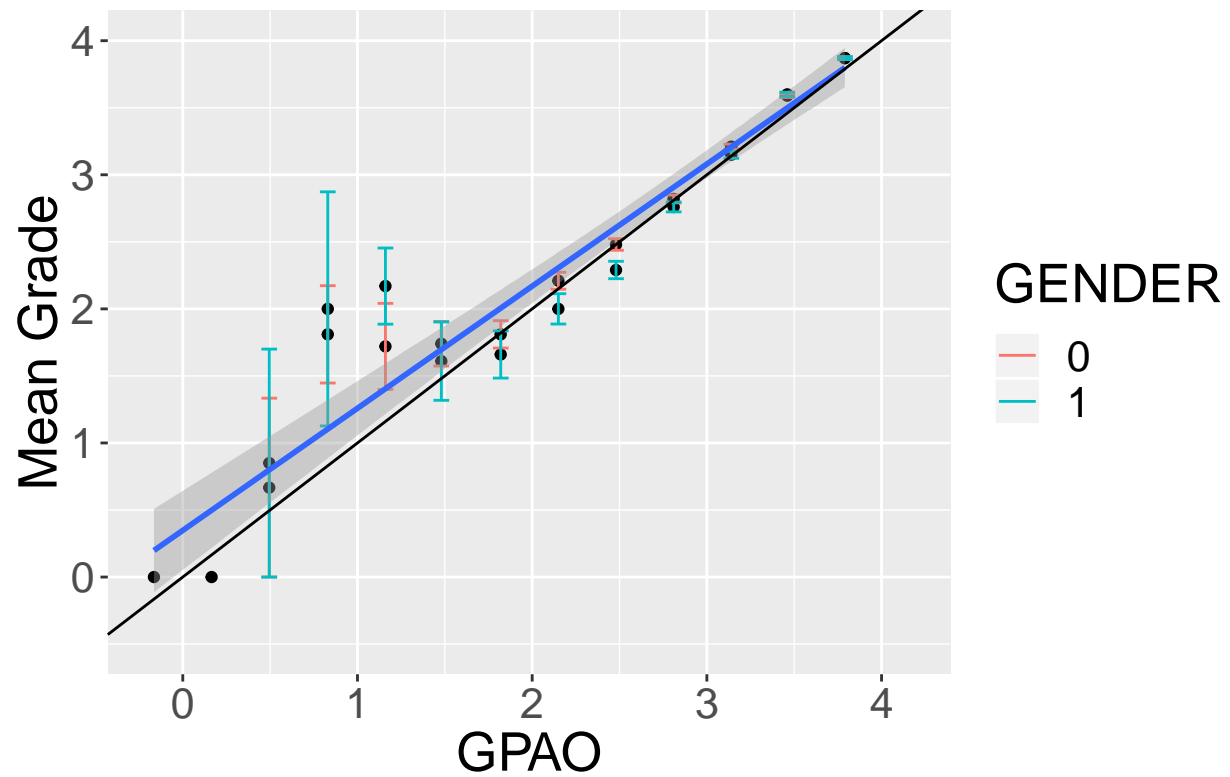
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.047	0.035	-1.355	0.17532
FG1	0.053	0.035	1.535	0.12470
GENDER1	-0.157	0.015	-10.340	0.00000
URM1:FG1	-0.099	0.086	-1.145	0.25241
URM1:GENDER1	-0.034	0.056	-0.603	0.54648
FG1:GENDER1	-0.024	0.059	-0.408	0.68294
URM1:FG1:GENDER1	0.019	0.135	0.138	0.89050

[1] "EECS183"

Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 5 rows containing missing values (geom_errorbar).

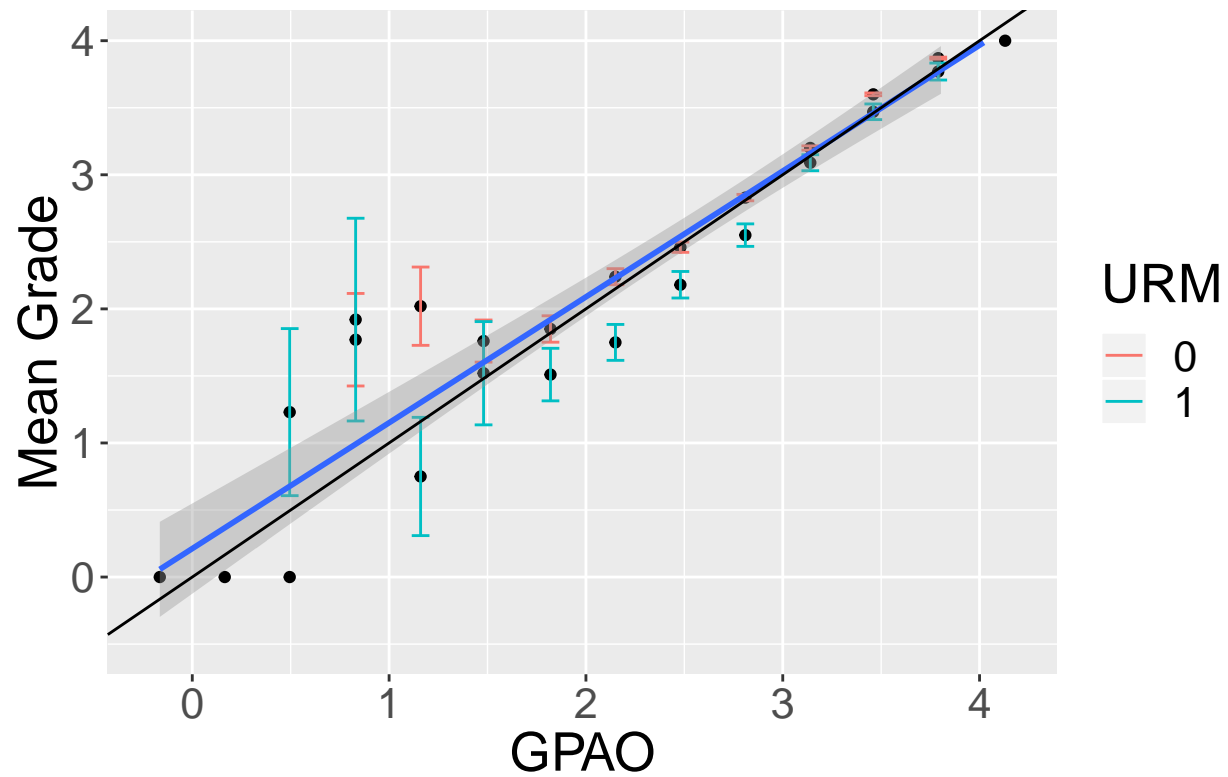
EECS183: GNDR



```
## Warning: Removed 3 rows containing missing values (geom_point).
```

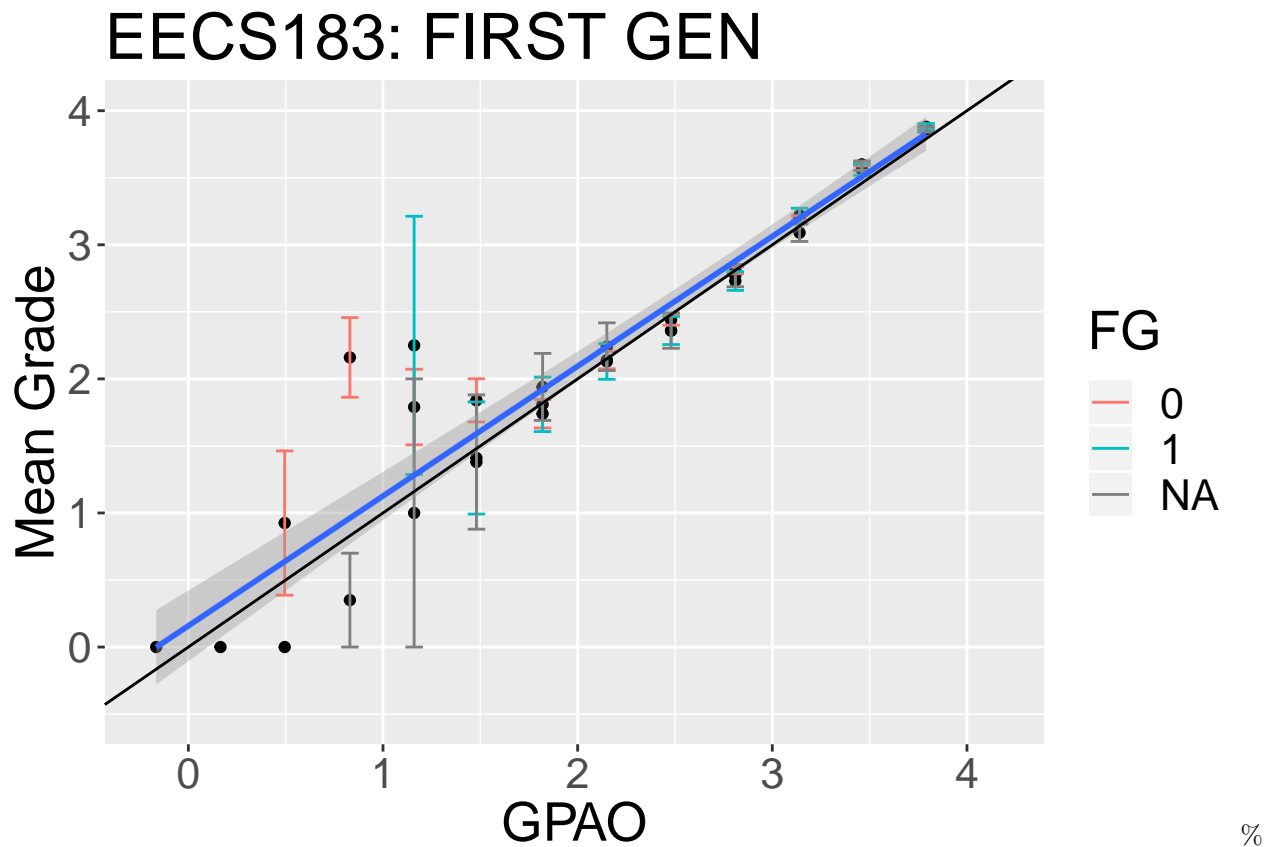
```
## Warning: Removed 7 rows containing missing values (geom_errorbar).
```

EECS183: URM



```
## Warning: Removed 4 rows containing missing values (geom_point).
```

```
## Warning: Removed 7 rows containing missing values (geom_errorbar).
```



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:50 2019

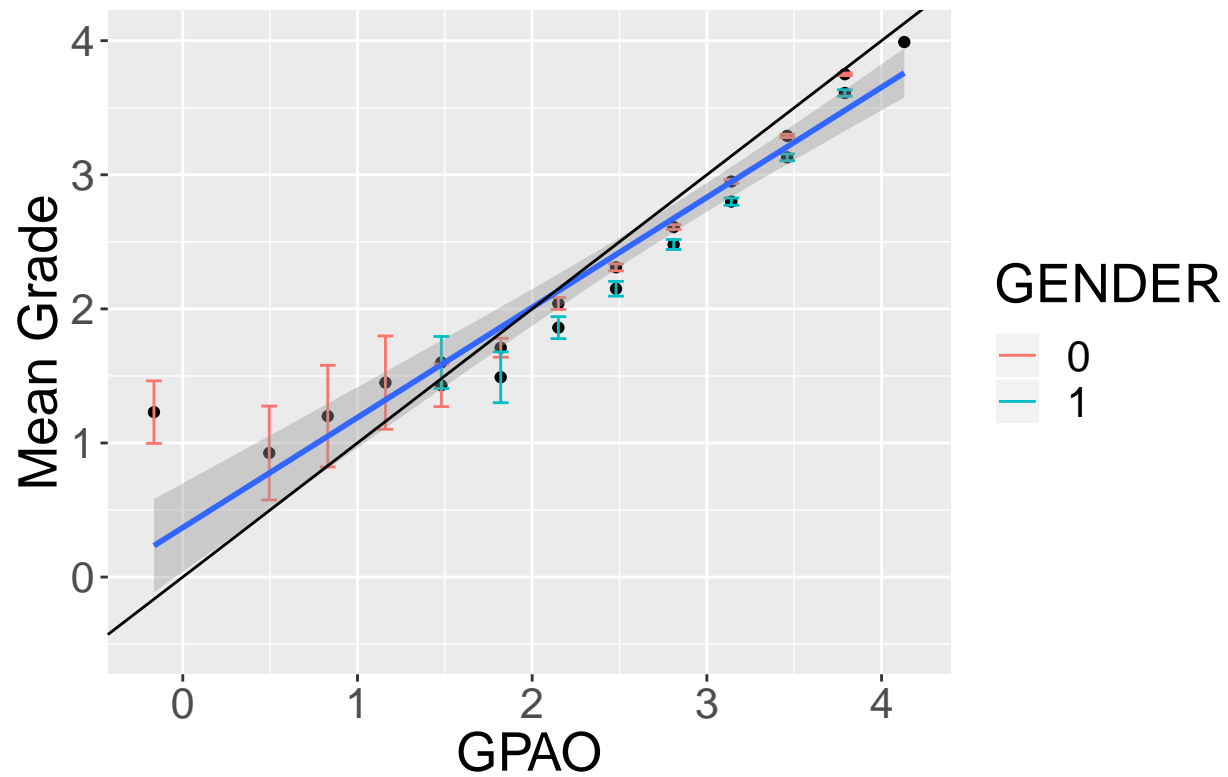
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.090	0.047	-1.934	0.05315
FG1	0.036	0.040	0.904	0.36585
GENDER1	-0.042	0.021	-2.067	0.03879
URM1:FG1	0.073	0.104	0.696	0.48663
URM1:GENDER1	0.087	0.072	1.198	0.23085
FG1:GENDER1	-0.011	0.071	-0.152	0.87922
URM1:FG1:GENDER1	-0.321	0.167	-1.916	0.05542

[1] "EECS203"

Warning: Removed 1 rows containing missing values (geom_point).

Warning: Removed 2 rows containing missing values (geom_errorbar).

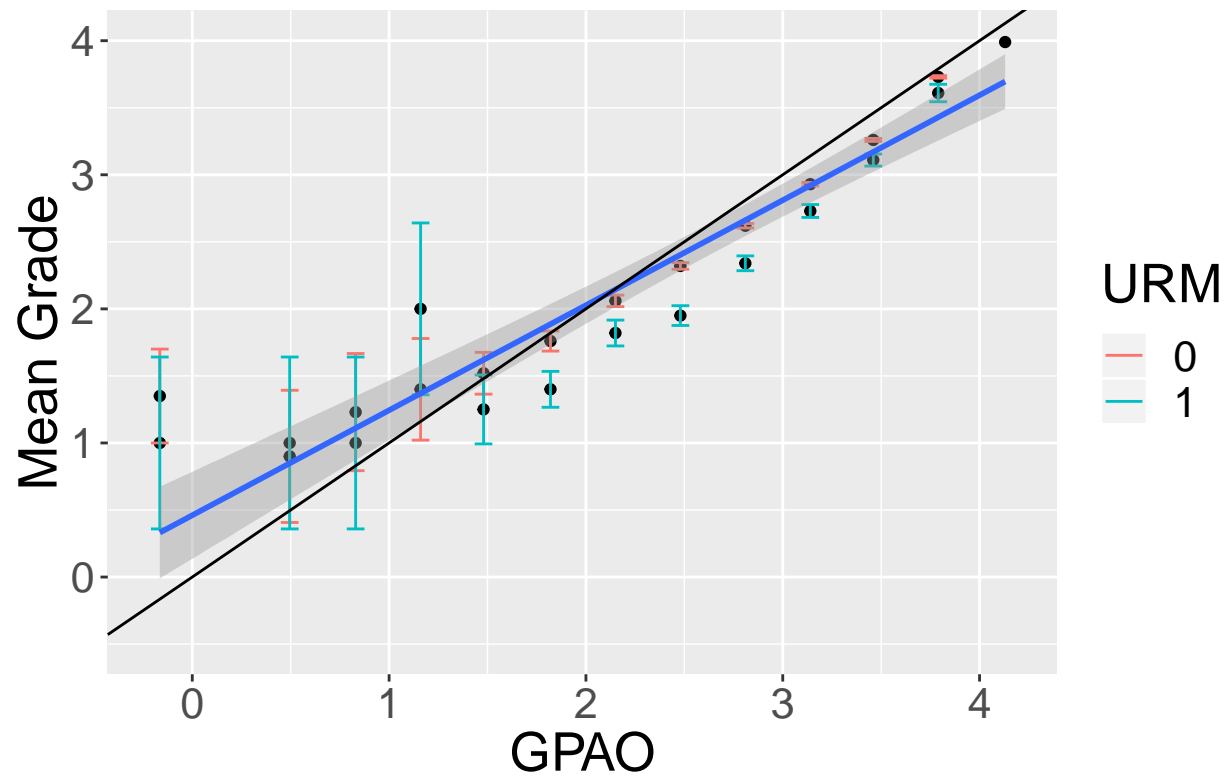
EECS203: GNDR



```
## Warning: Removed 1 rows containing missing values (geom_point).
```

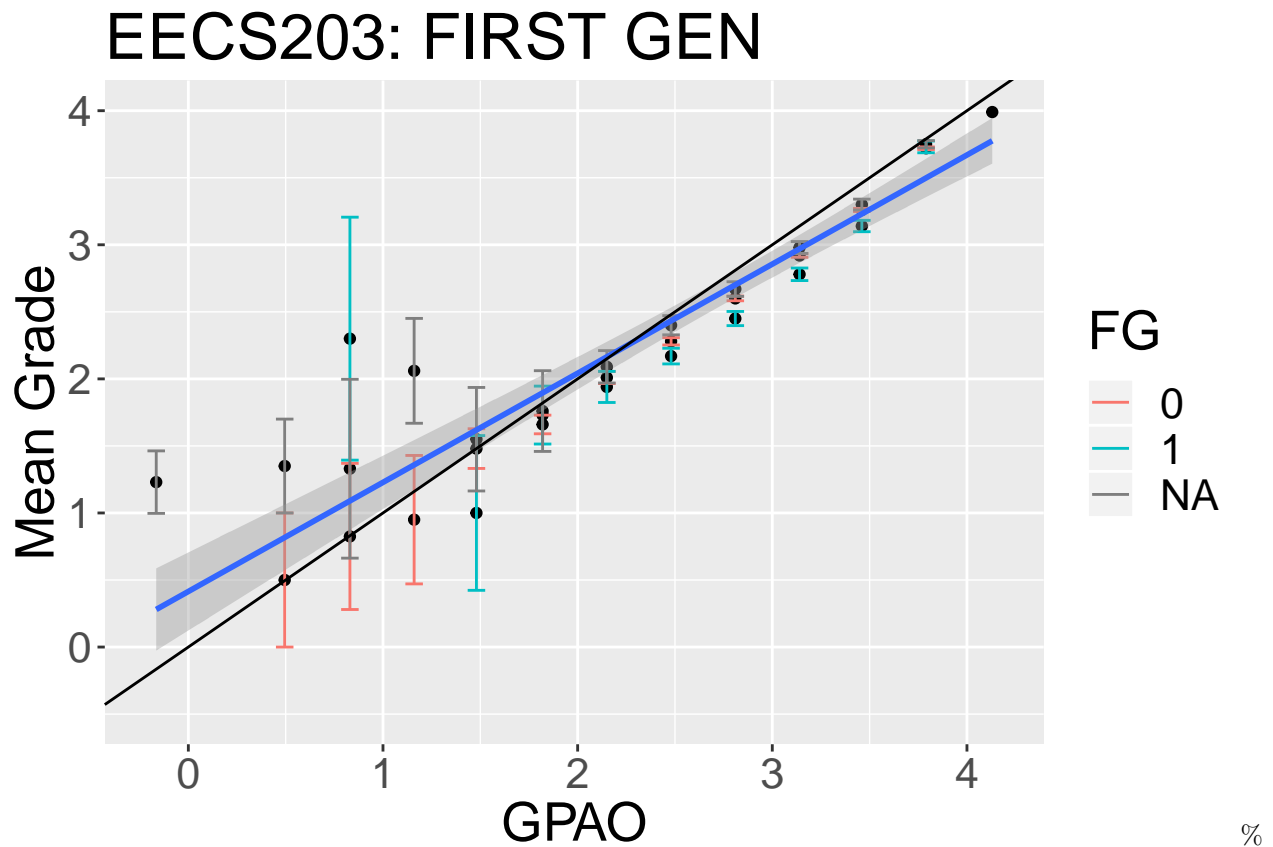
```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```

EECS203: URM



Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:51 2019

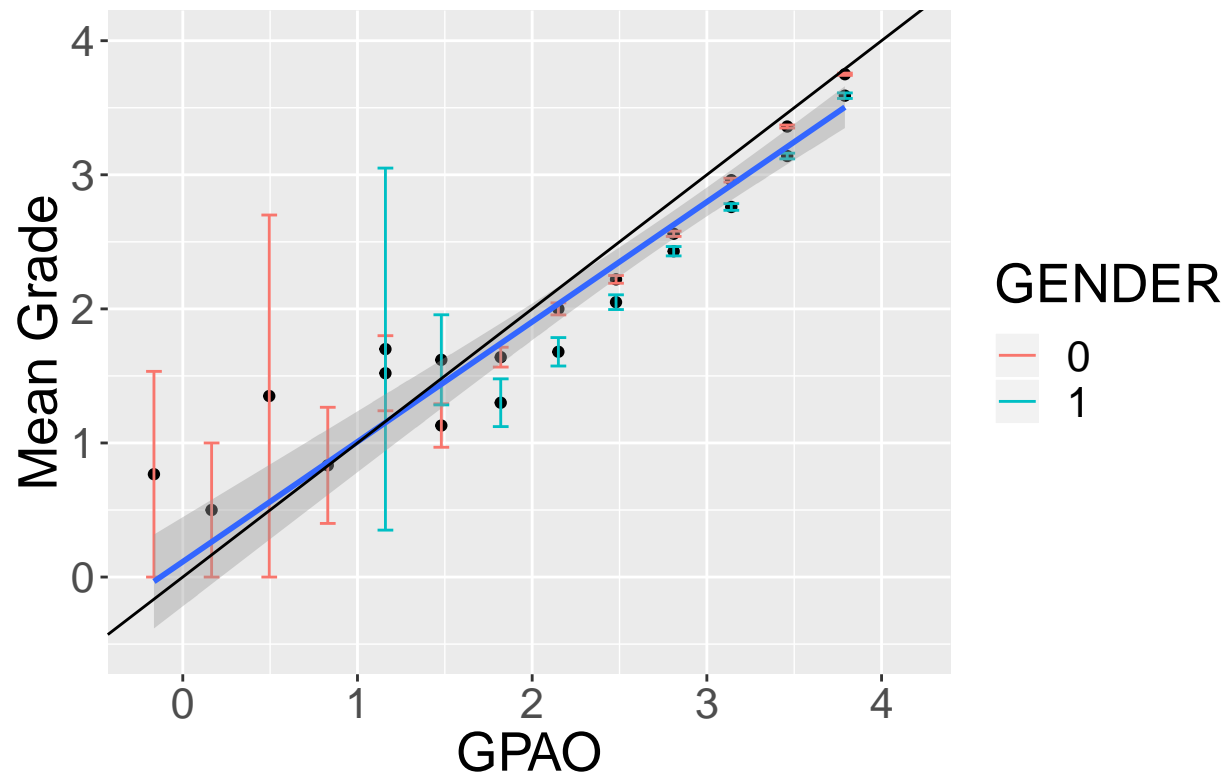
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.139	0.033	-4.252	0.00002
FG1	-0.064	0.029	-2.196	0.02816
GENDER1	-0.117	0.019	-6.291	0.00000
URM1:FG1	0.234	0.079	2.957	0.00312
URM1:GENDER1	-0.012	0.067	-0.180	0.85718
FG1:GENDER1	0.076	0.067	1.140	0.25440
URM1:FG1:GENDER1	-0.425	0.157	-2.706	0.00682

[1] "EECS280"

Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).

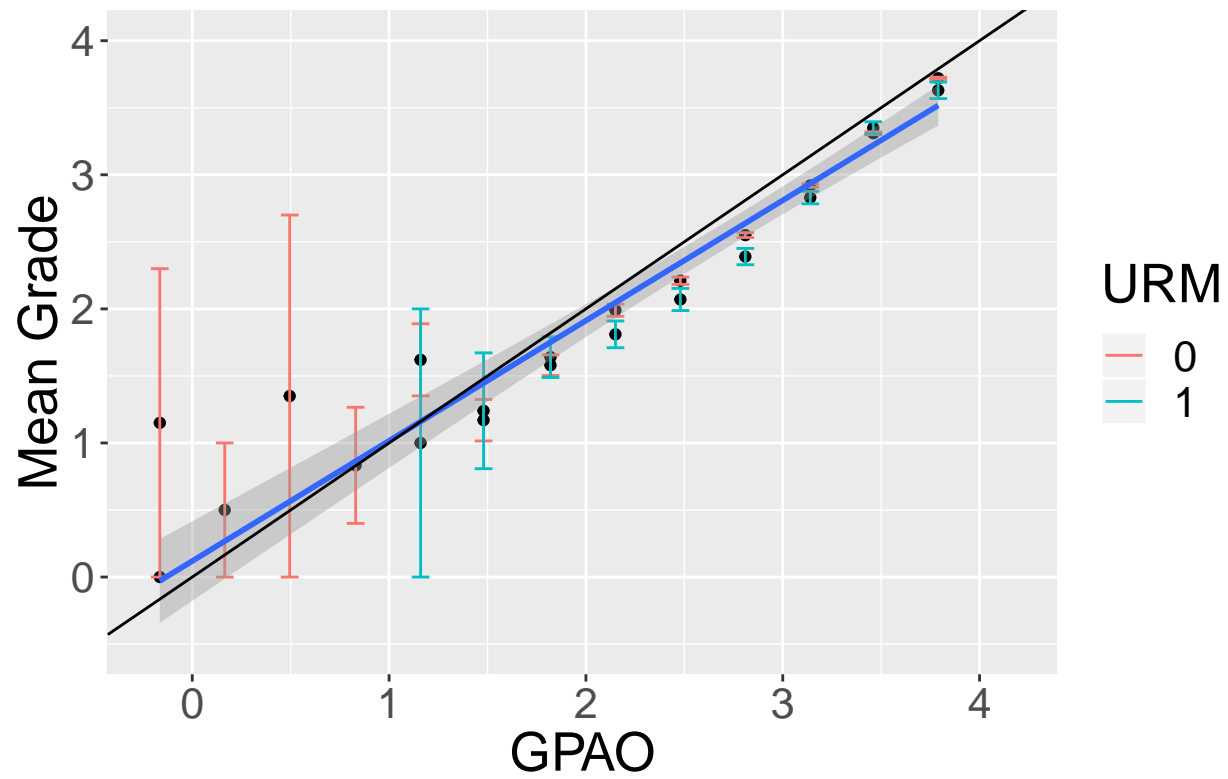
EECS280: GNDR



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 3 rows containing missing values (geom_errorbar).
```

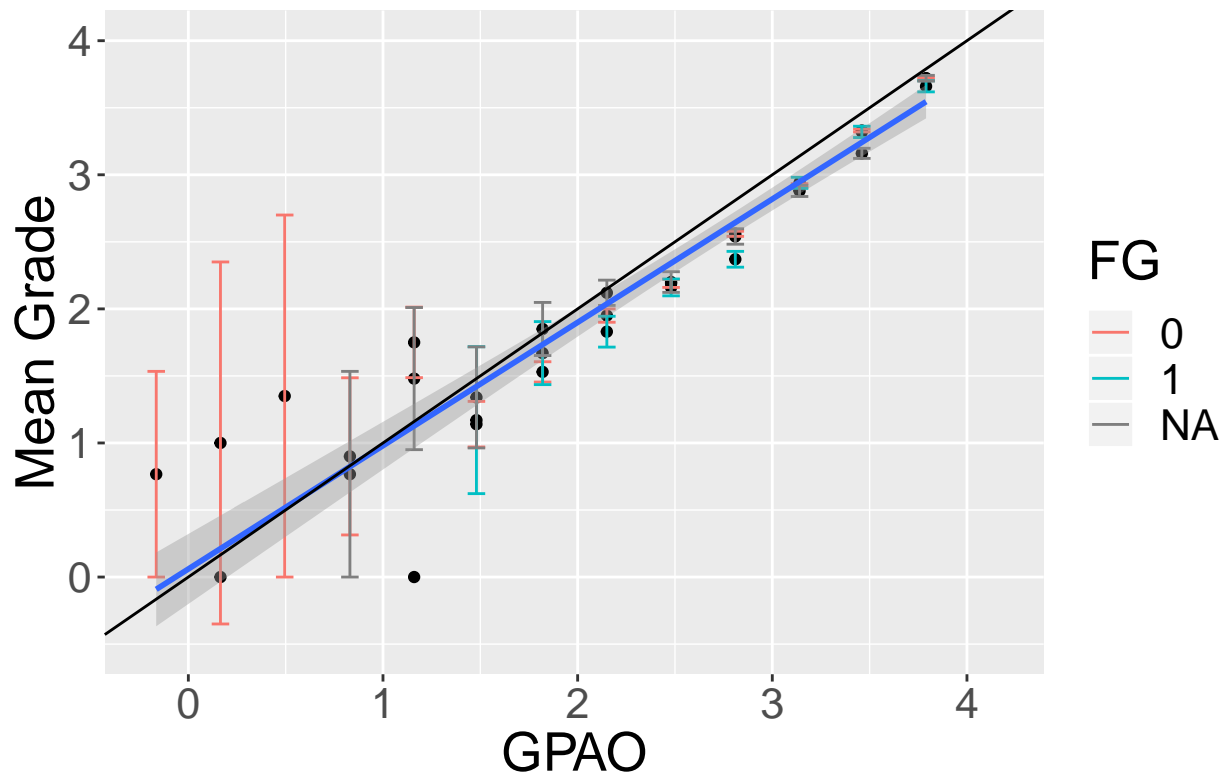
EECS280: URM



```
## Warning: Removed 4 rows containing missing values (geom_point).
```

```
## Warning: Removed 6 rows containing missing values (geom_errorbar).
```

EECS280: FIRST GEN



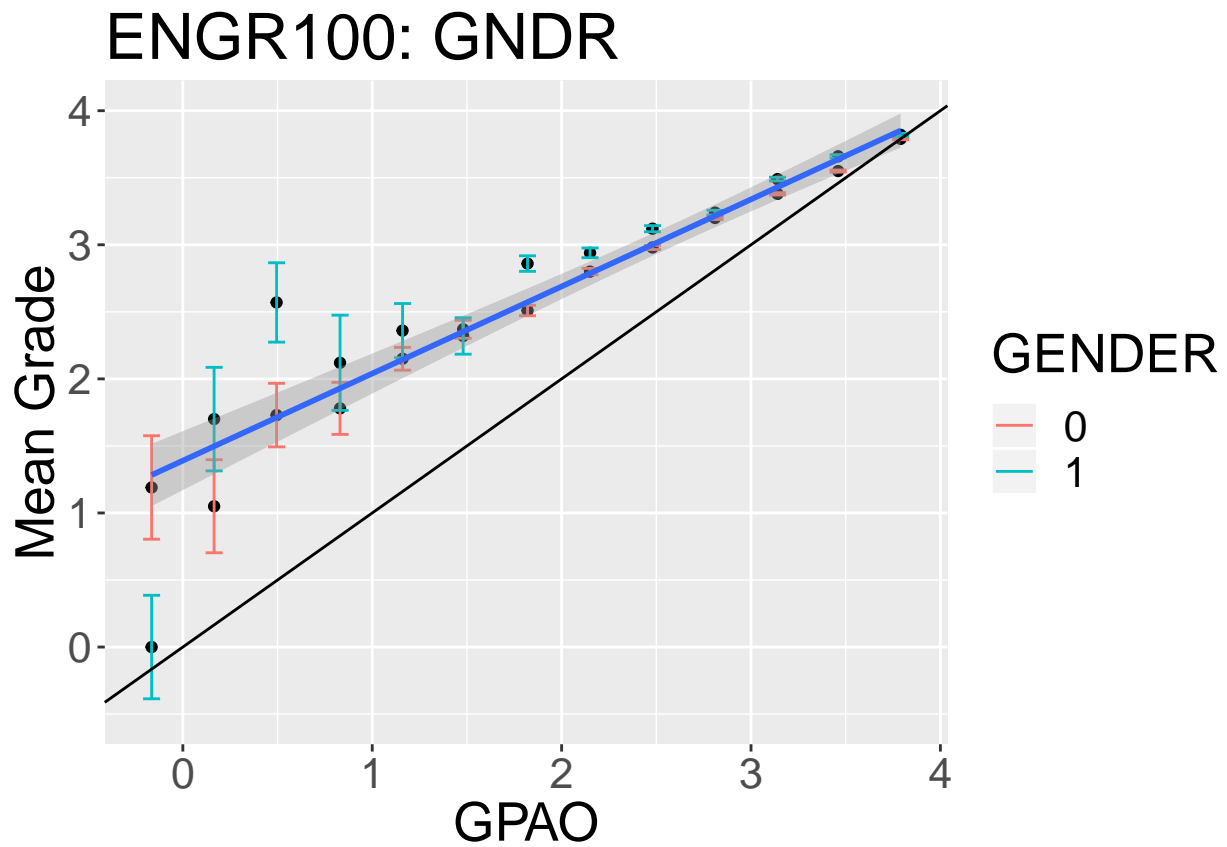
latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:53 2019

	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.072	0.035	-2.093	0.03641
FG1	-0.057	0.031	-1.854	0.06376
GENDER1	-0.169	0.019	-8.688	0.00000
URM1:FG1	0.047	0.082	0.577	0.56411
URM1:GENDER1	-0.080	0.073	-1.097	0.27256
FG1:GENDER1	0.047	0.073	0.645	0.51910
URM1:FG1:GENDER1	0.189	0.170	1.109	0.26746

[1] "ENGR100"

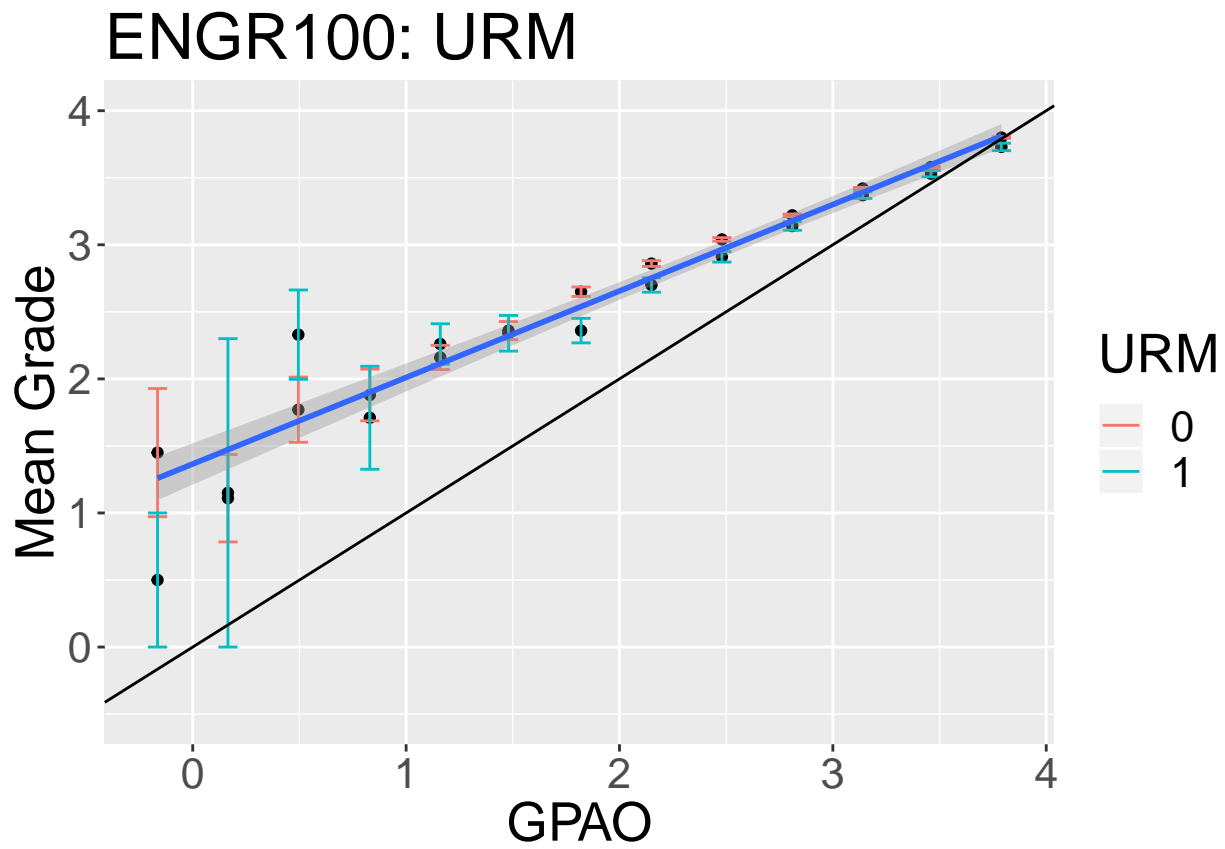
Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 2 rows containing missing values (geom_errorbar).



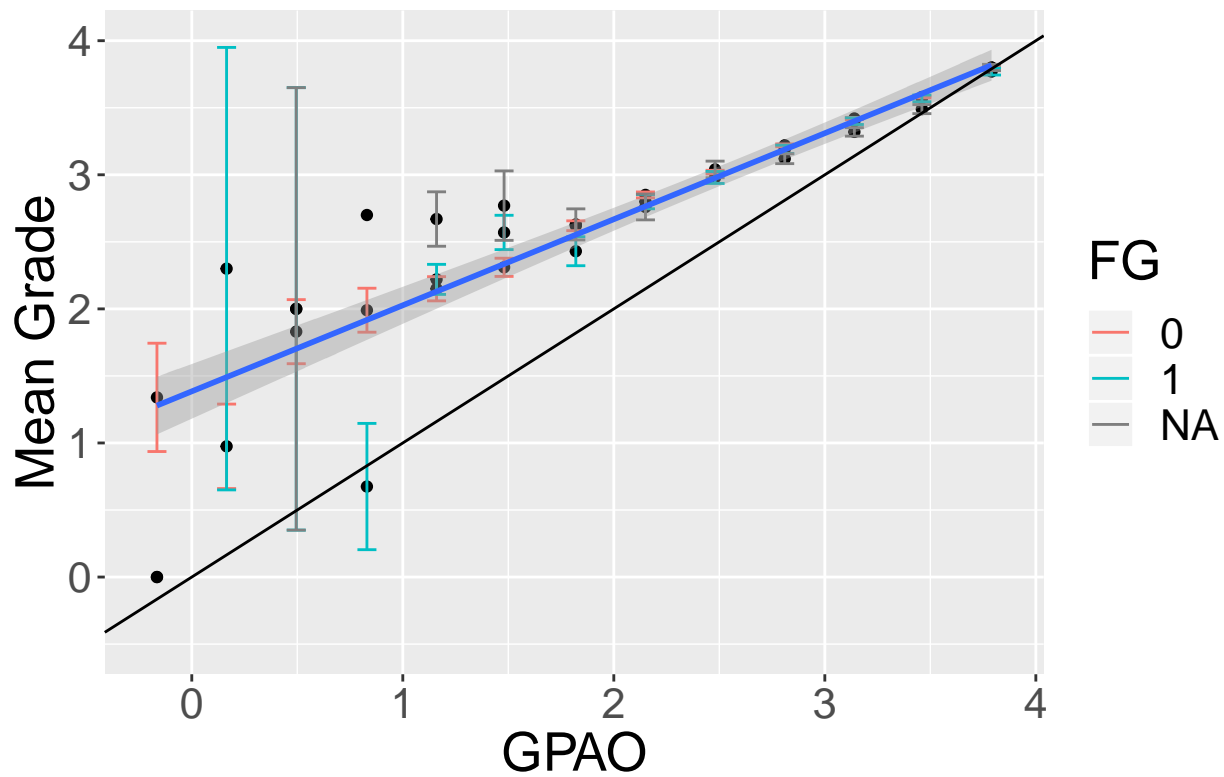
```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```



```
## Warning: Removed 1 rows containing missing values (geom_point).  
## Warning: Removed 4 rows containing missing values (geom_errorbar).
```

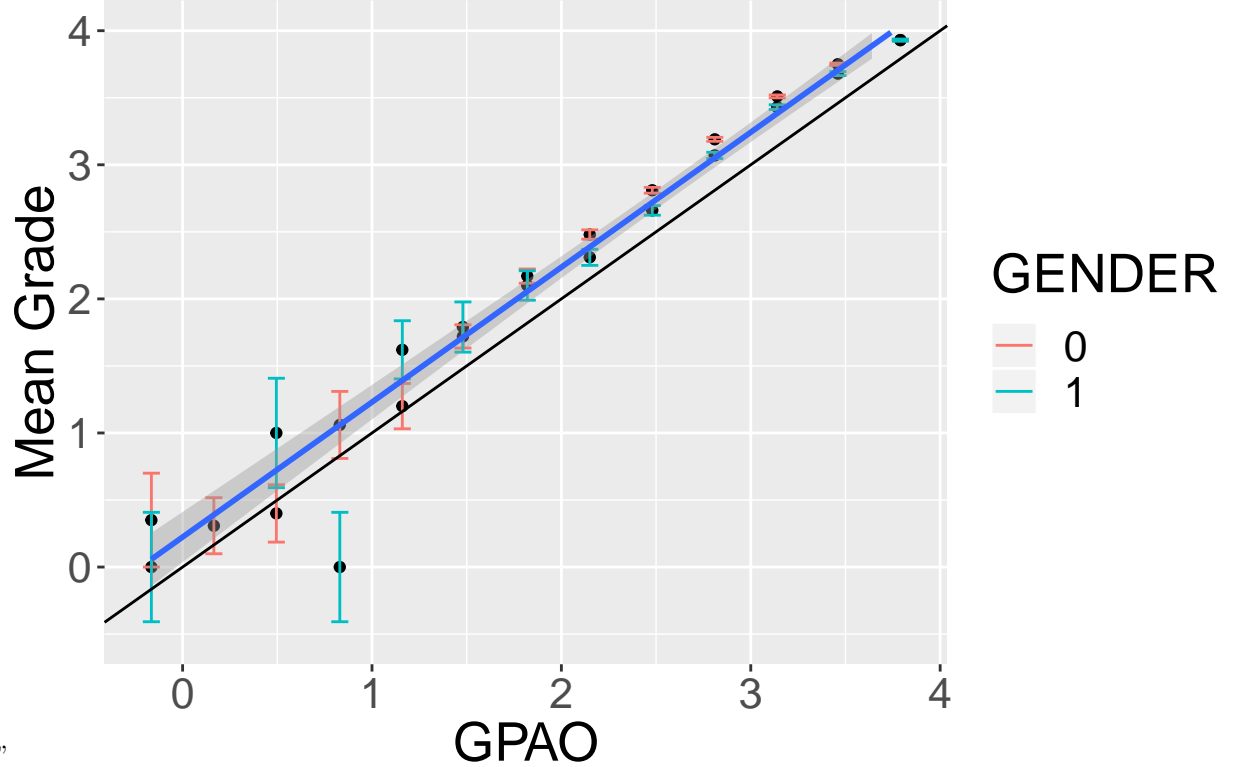
ENGR100: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:54 2019

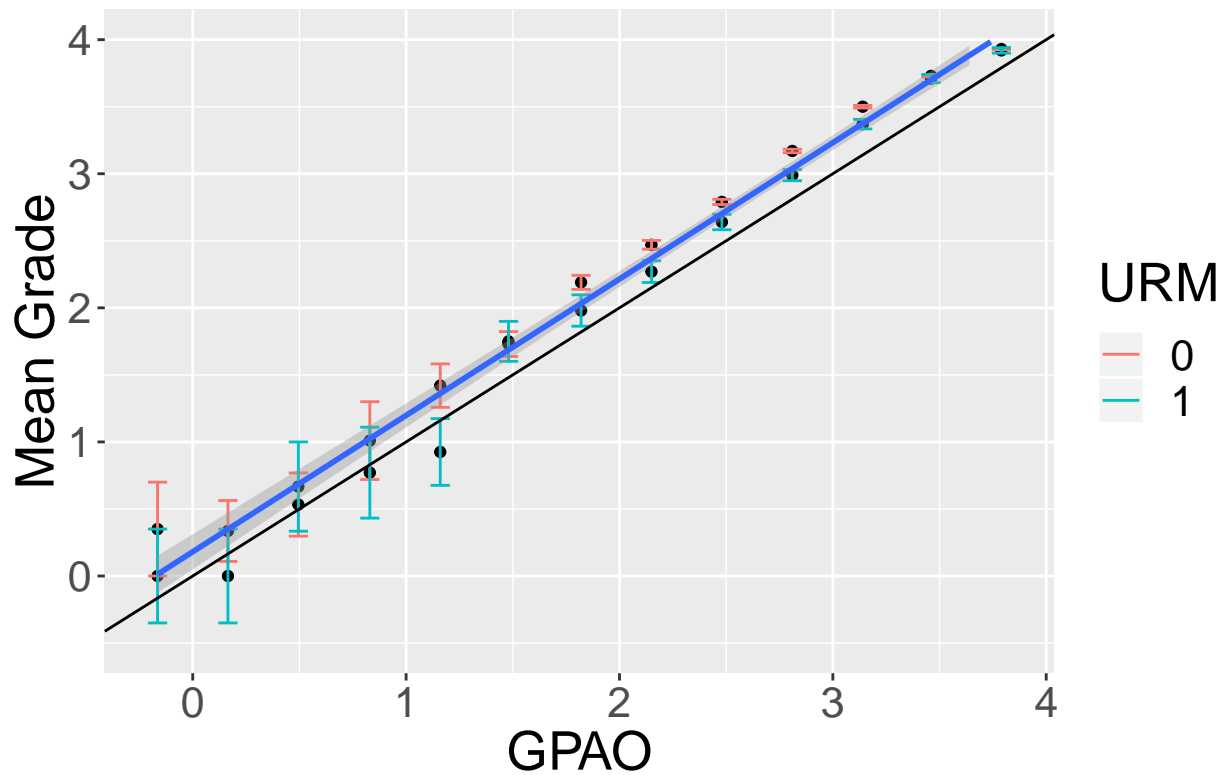
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.070	0.019	-3.675	0.00024
FG1	-0.012	0.018	-0.630	0.52893
GENDER1	0.088	0.010	8.705	0.00000
URM1:FG1	0.029	0.046	0.618	0.53636
URM1:GENDER1	-0.008	0.034	-0.246	0.80591
FG1:GENDER1	-0.003	0.036	-0.084	0.93285
URM1:FG1:GENDER1	-0.103	0.085	-1.215	0.22455

ENGR101: GNDR



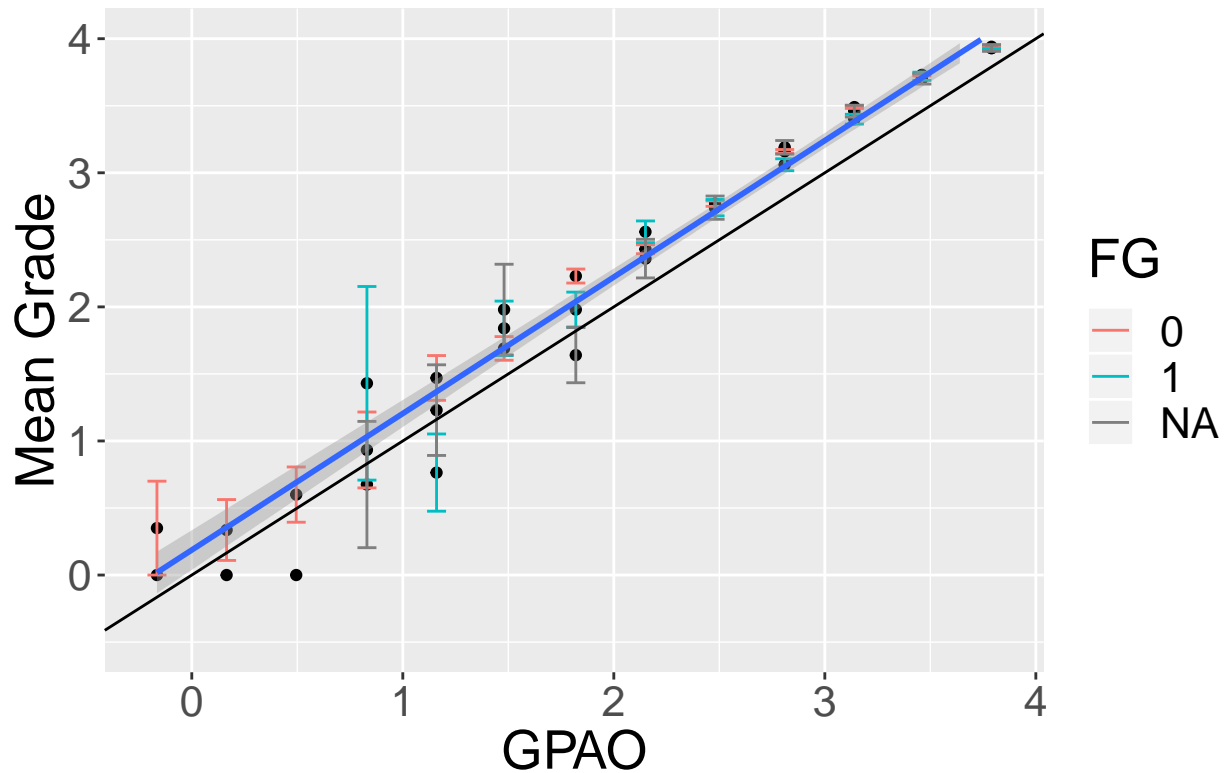
[1] "ENGR101"

ENGR101: URM



Warning: Removed 3 rows containing missing values (geom_errorbar).

ENGR101: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:55 2019

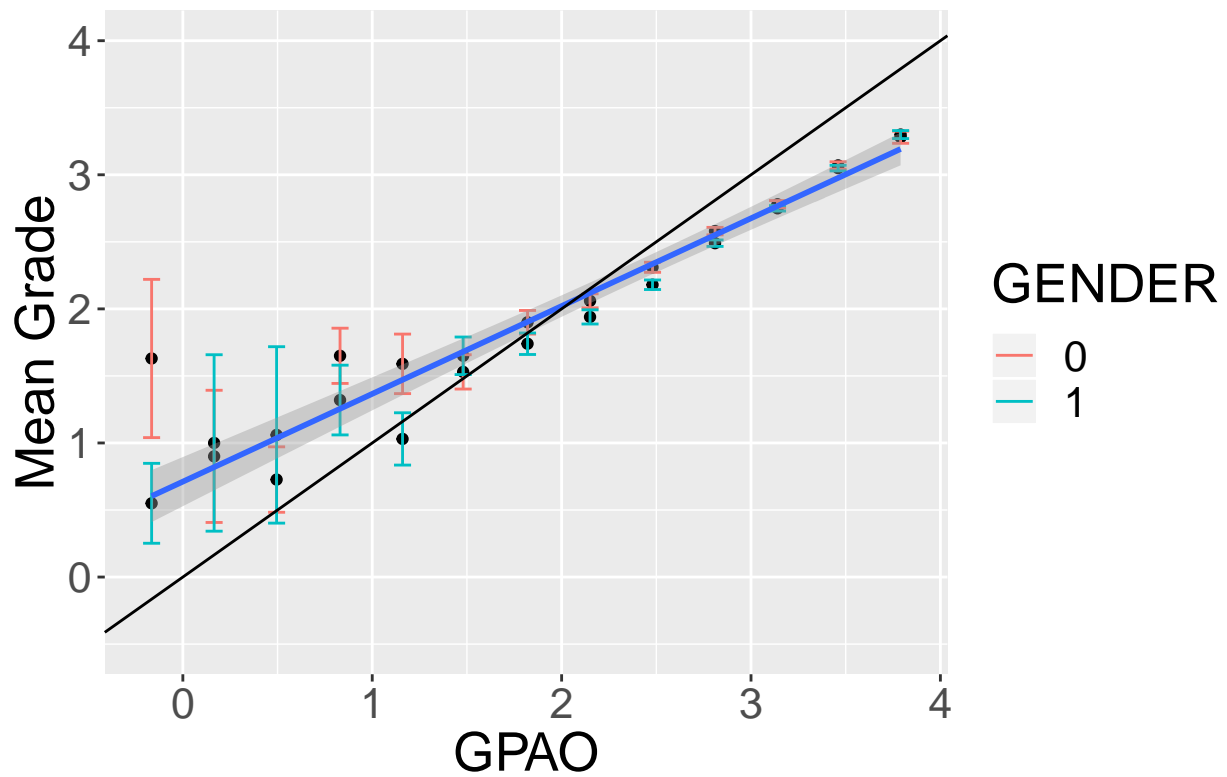
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.047	0.025	-1.892	0.05850
FG1	-0.013	0.024	-0.551	0.58147
GENDER1	-0.080	0.013	-6.010	0.00000
URM1:FG1	-0.031	0.060	-0.512	0.60884
URM1:GENDER1	-0.089	0.044	-2.017	0.04376
FG1:GENDER1	-0.008	0.048	-0.159	0.87354
URM1:FG1:GENDER1	0.106	0.109	0.974	0.32996

[1] "MATH105"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 2 rows containing missing values (geom_errorbar).

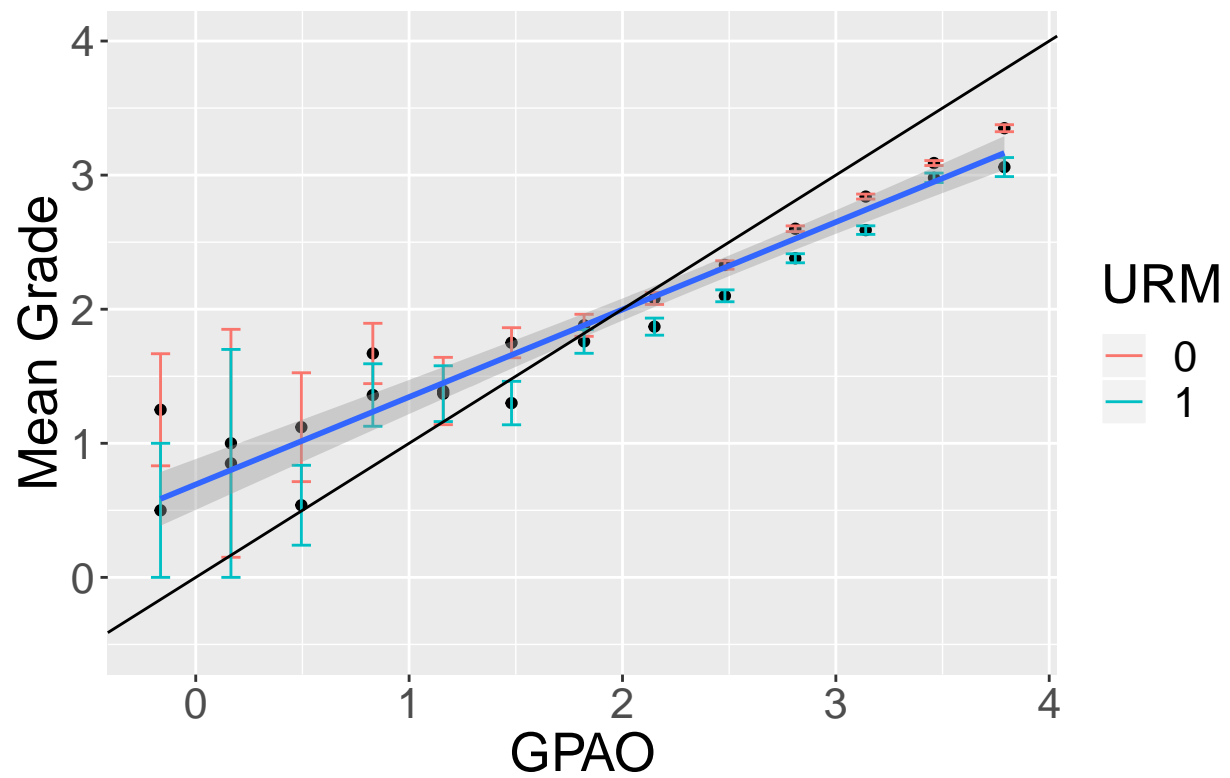
MATH105: GNDR



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

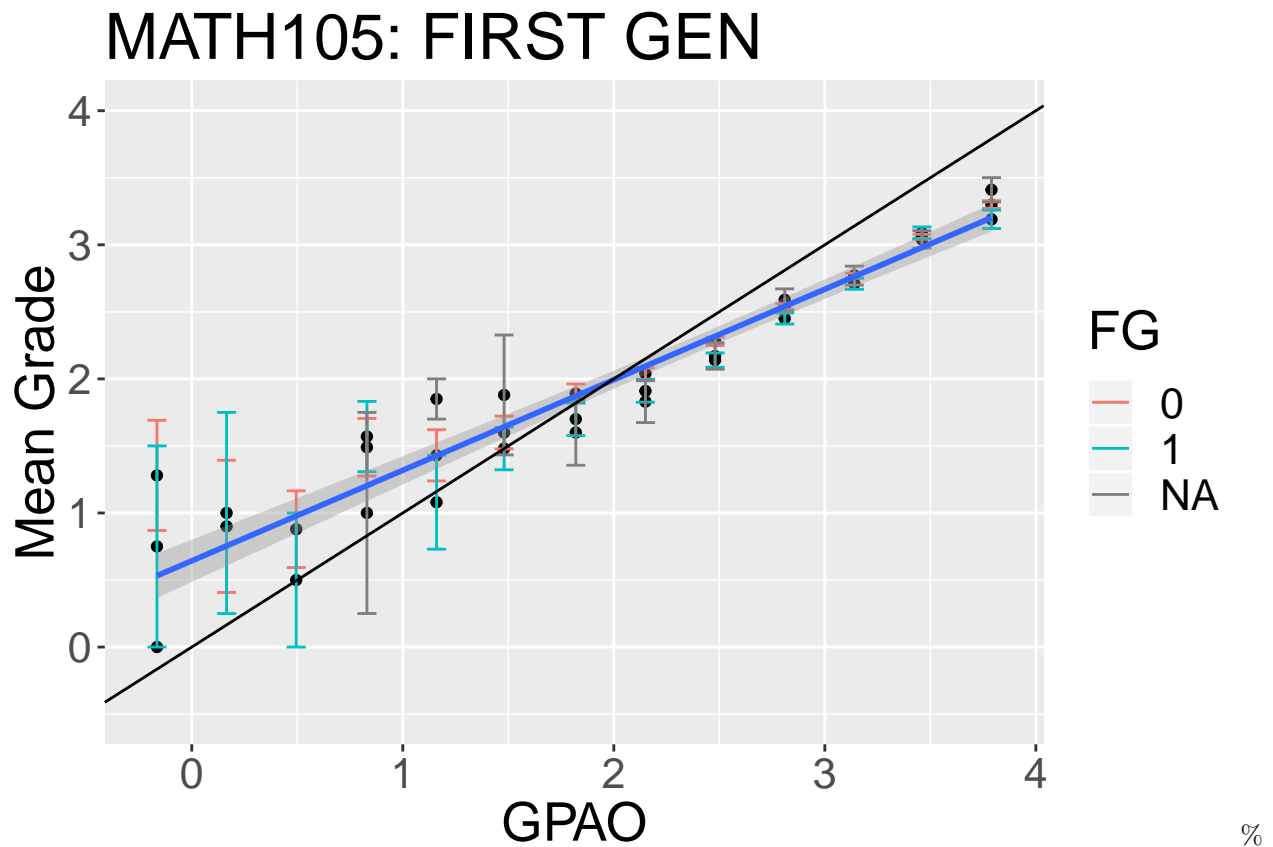
```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```

MATH105: URM



Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 4 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:56 2019

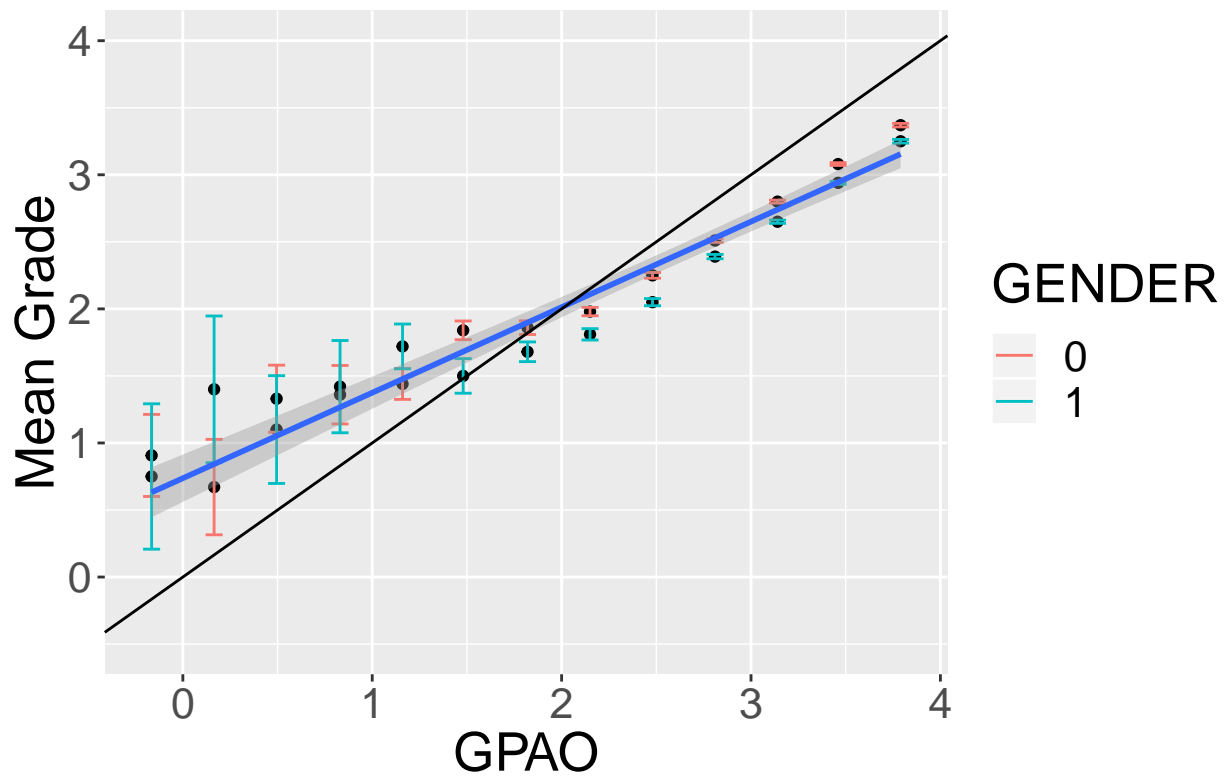
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.011	0.036	-0.307	0.75865
FG1	0.053	0.044	1.193	0.23294
GENDER1	0.031	0.023	1.341	0.17991
URM1:FG1	0.001	0.069	0.016	0.98748
URM1:GENDER1	0.045	0.044	1.023	0.30623
FG1:GENDER1	-0.038	0.056	-0.669	0.50346
URM1:FG1:GENDER1	-0.033	0.088	-0.379	0.70474

[1] "MATH115"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 2 rows containing missing values (geom_errorbar).

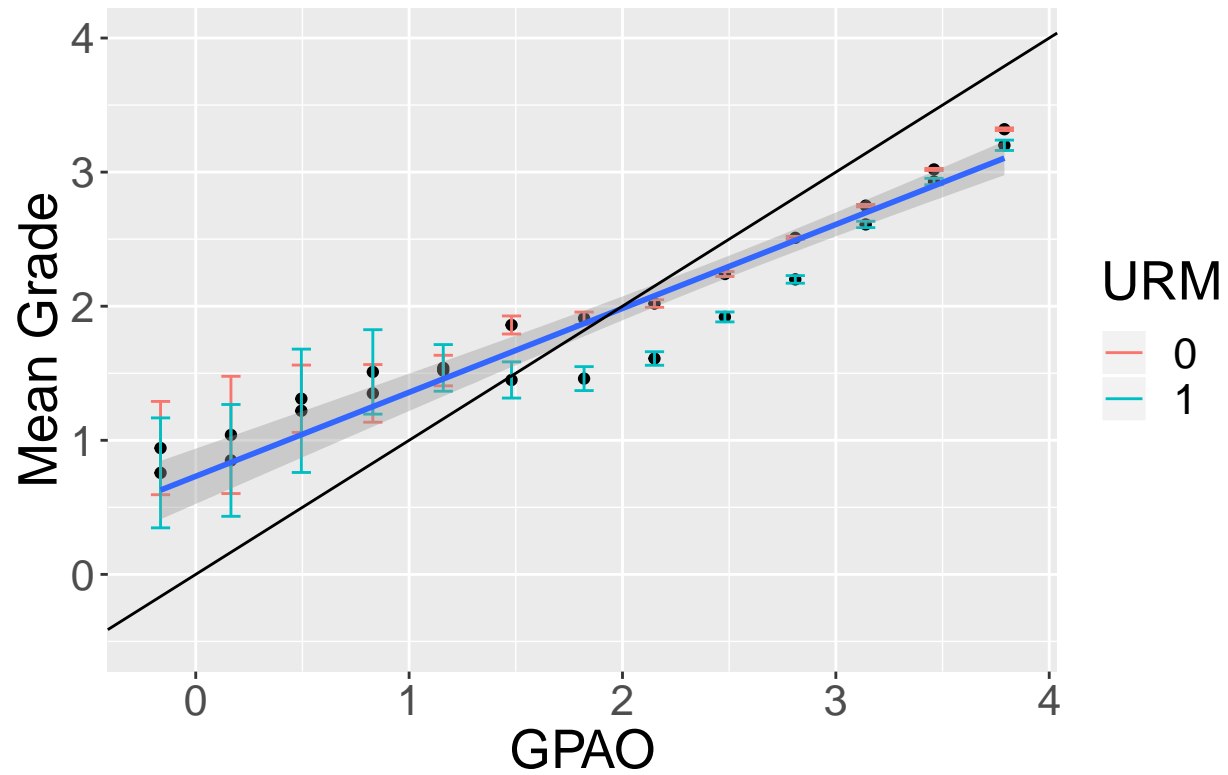
MATH115: GNDR



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```

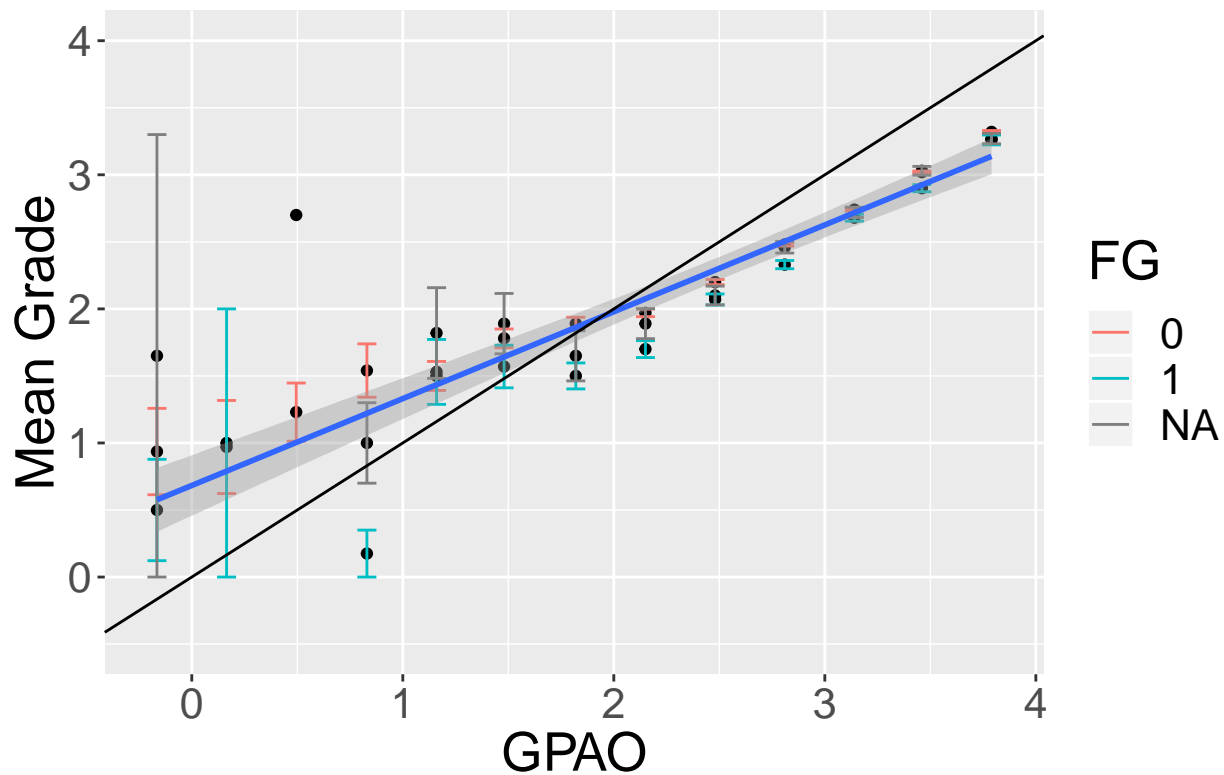
MATH115: URM



```
## Warning: Removed 3 rows containing missing values (geom_point).
```

```
## Warning: Removed 4 rows containing missing values (geom_errorbar).
```

MATH115: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:17:58 2019

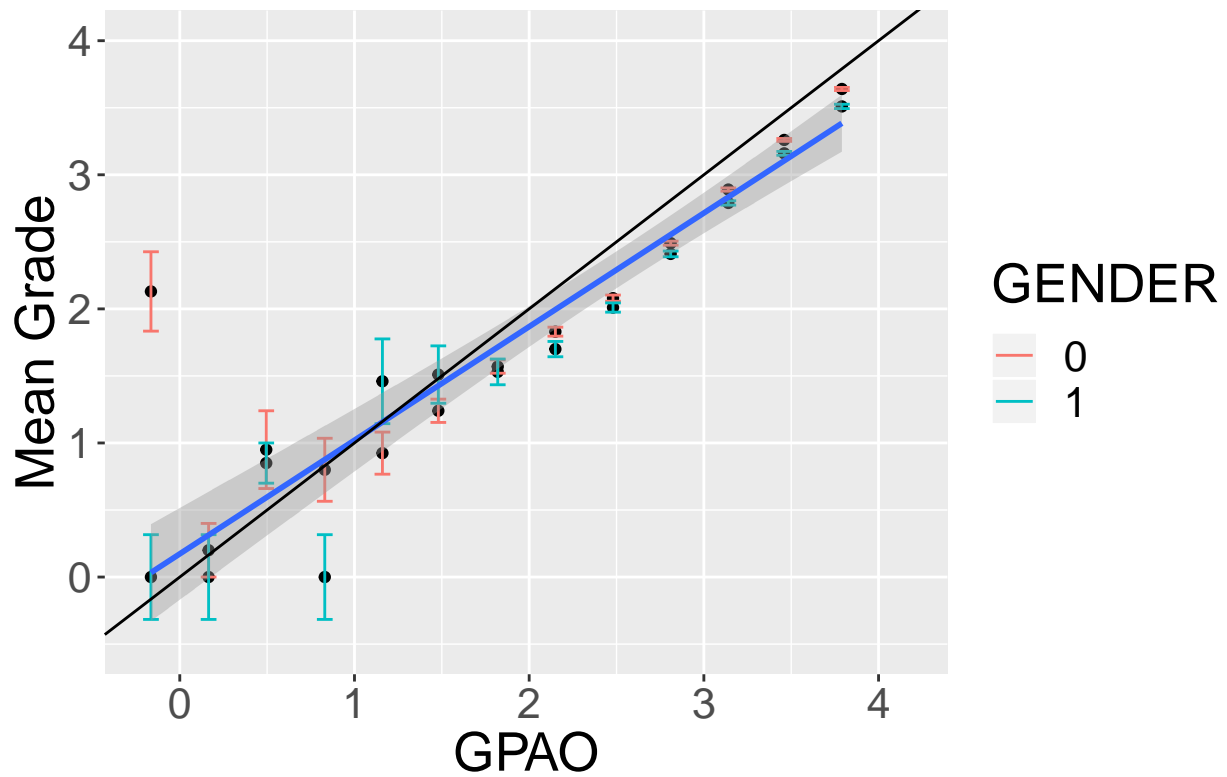
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.026	0.021	-1.275	0.20235
FG1	0.025	0.021	1.160	0.24602
GENDER1	-0.043	0.010	-4.140	0.00003
URM1:FG1	-0.061	0.046	-1.343	0.17918
URM1:GENDER1	0.014	0.029	0.473	0.63653
FG1:GENDER1	-0.048	0.031	-1.563	0.11817
URM1:FG1:GENDER1	0.056	0.064	0.878	0.37982

[1] "MATH116"

Warning: Removed 3 rows containing missing values (geom_point).

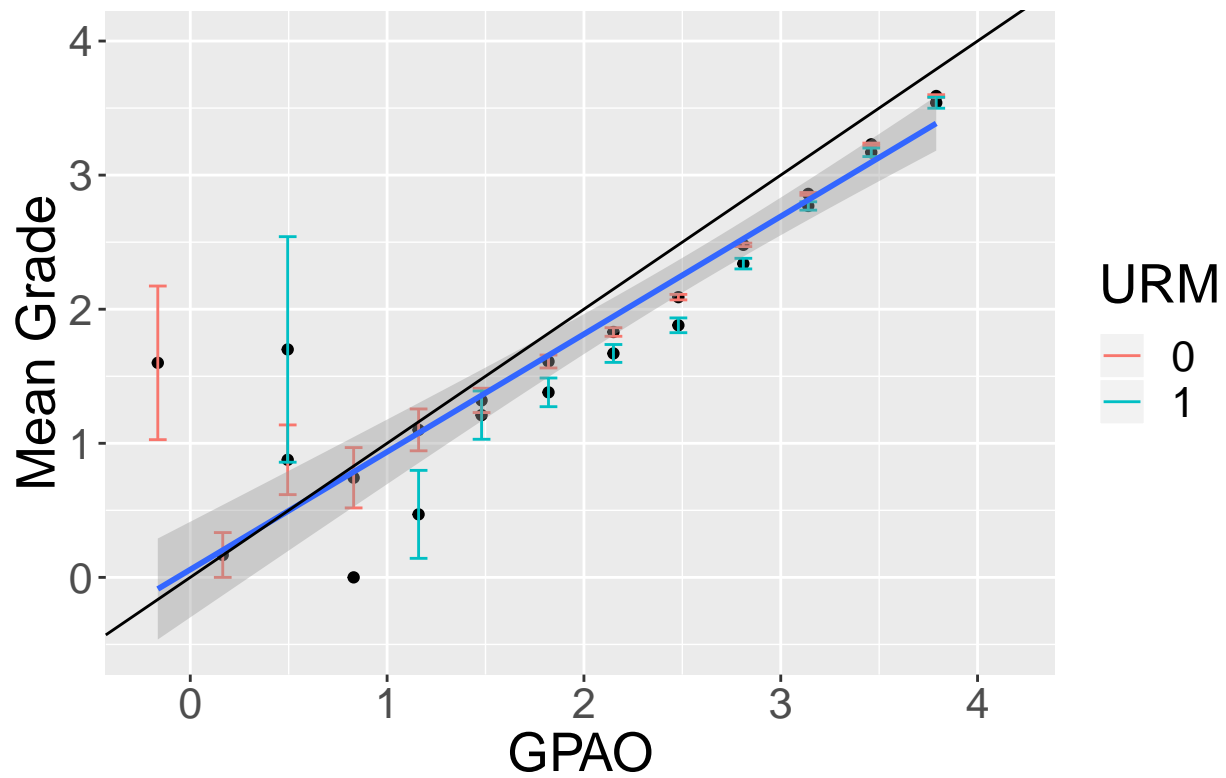
Warning: Removed 3 rows containing missing values (geom_errorbar).

MATH116: GNDR



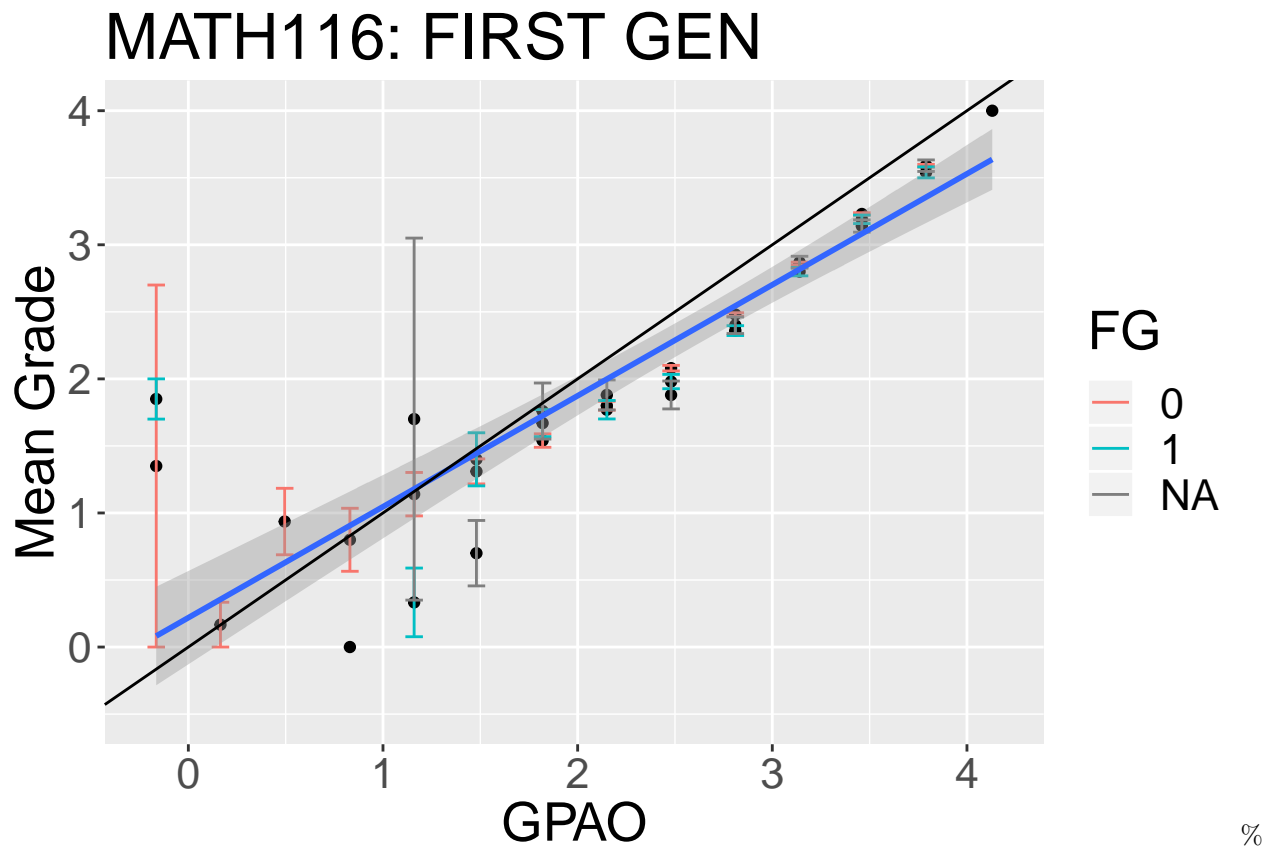
```
## Warning: Removed 3 rows containing missing values (geom_point).  
## Warning: Removed 4 rows containing missing values (geom_errorbar).
```


MATH116: URM



Warning: Removed 4 rows containing missing values (geom_point).

Warning: Removed 6 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:00 2019

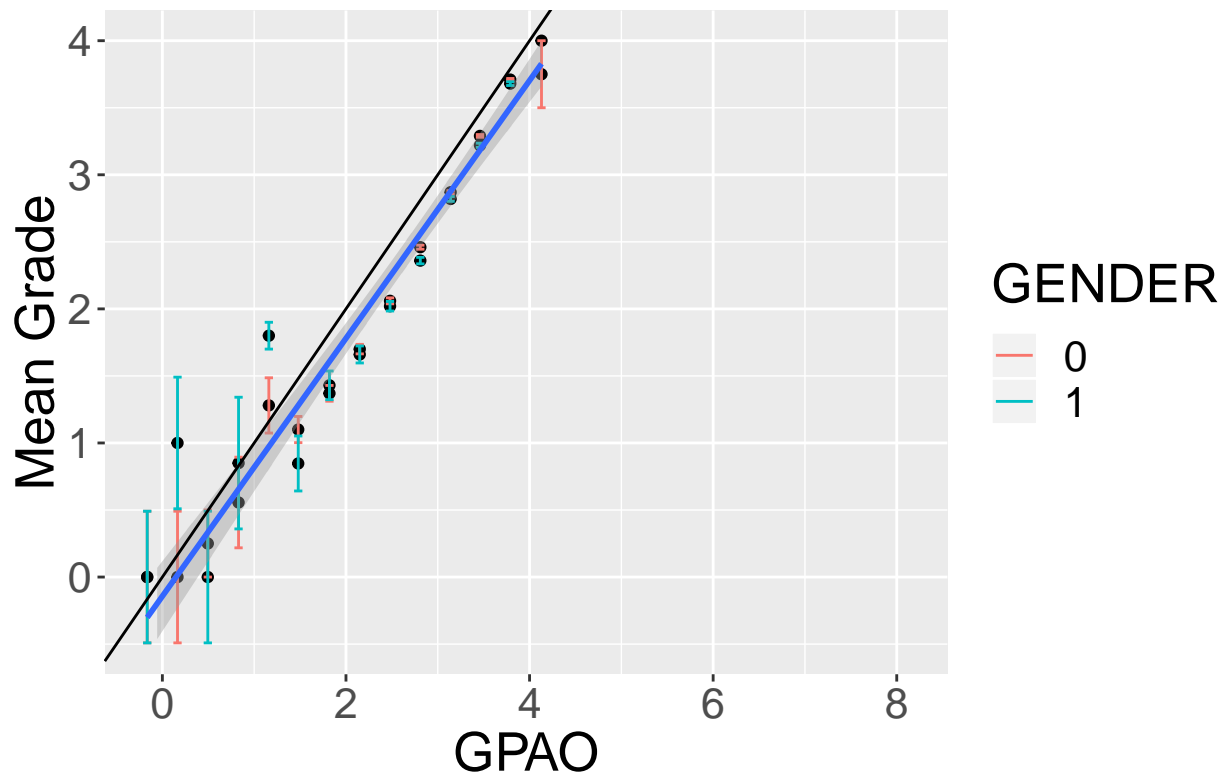
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.028	0.026	-1.108	0.26776
FG1	0.019	0.023	0.802	0.42236
GENDER1	-0.036	0.013	-2.782	0.00540
URM1:FG1	0.010	0.059	0.176	0.86014
URM1:GENDER1	0.069	0.041	1.674	0.09419
FG1:GENDER1	-0.026	0.039	-0.668	0.50410
URM1:FG1:GENDER1	-0.127	0.094	-1.353	0.17608

[1] "MATH215"

Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 4 rows containing missing values (geom_errorbar).

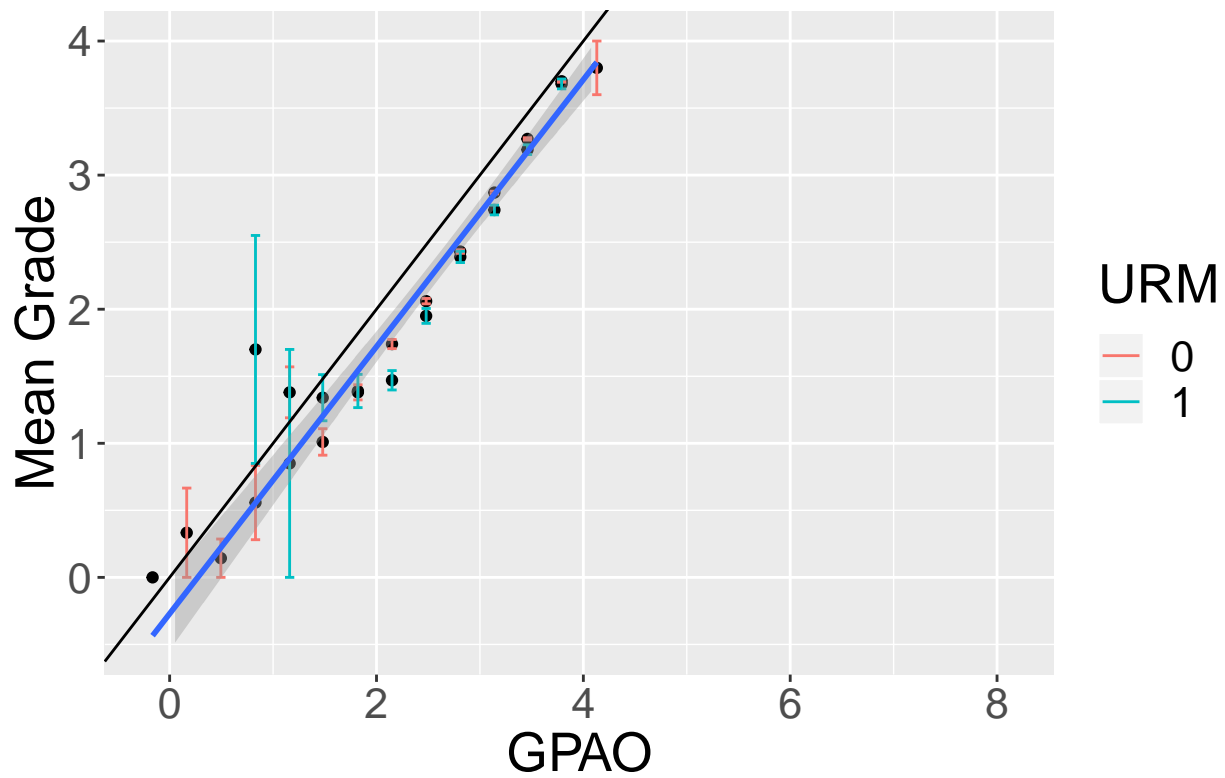
MATH215: GNDR



Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 4 rows containing missing values (geom_errorbar).

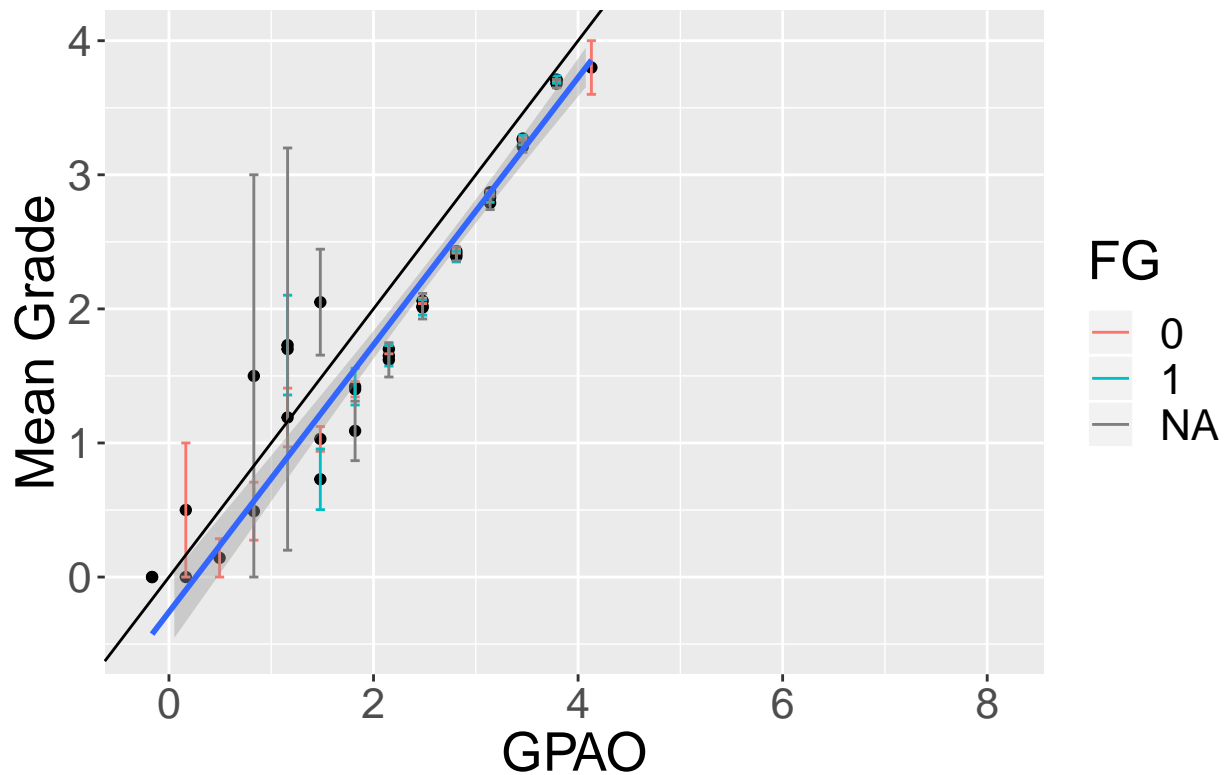
MATH215: URM



```
## Warning: Removed 3 rows containing missing values (geom_point).
```

```
## Warning: Removed 6 rows containing missing values (geom_errorbar).
```

MATH215: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:01 2019

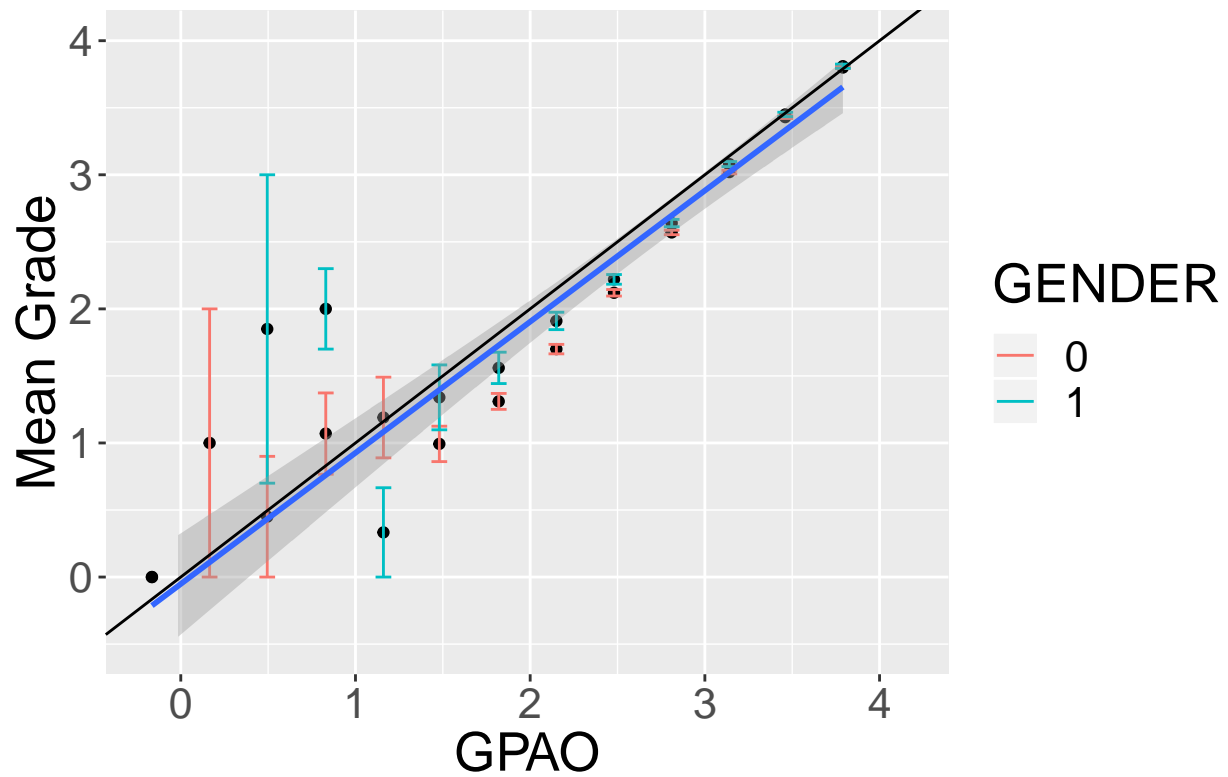
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.041	0.026	-1.550	0.12126
FG1	-0.004	0.024	-0.158	0.87426
GENDER1	-0.031	0.013	-2.379	0.01739
URM1:FG1	-0.031	0.068	-0.455	0.64905
URM1:GENDER1	0.019	0.046	0.412	0.68038
FG1:GENDER1	-0.036	0.045	-0.815	0.41515
URM1:FG1:GENDER1	0.014	0.120	0.116	0.90728

[1] "MATH216"

Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 5 rows containing missing values (geom_errorbar).

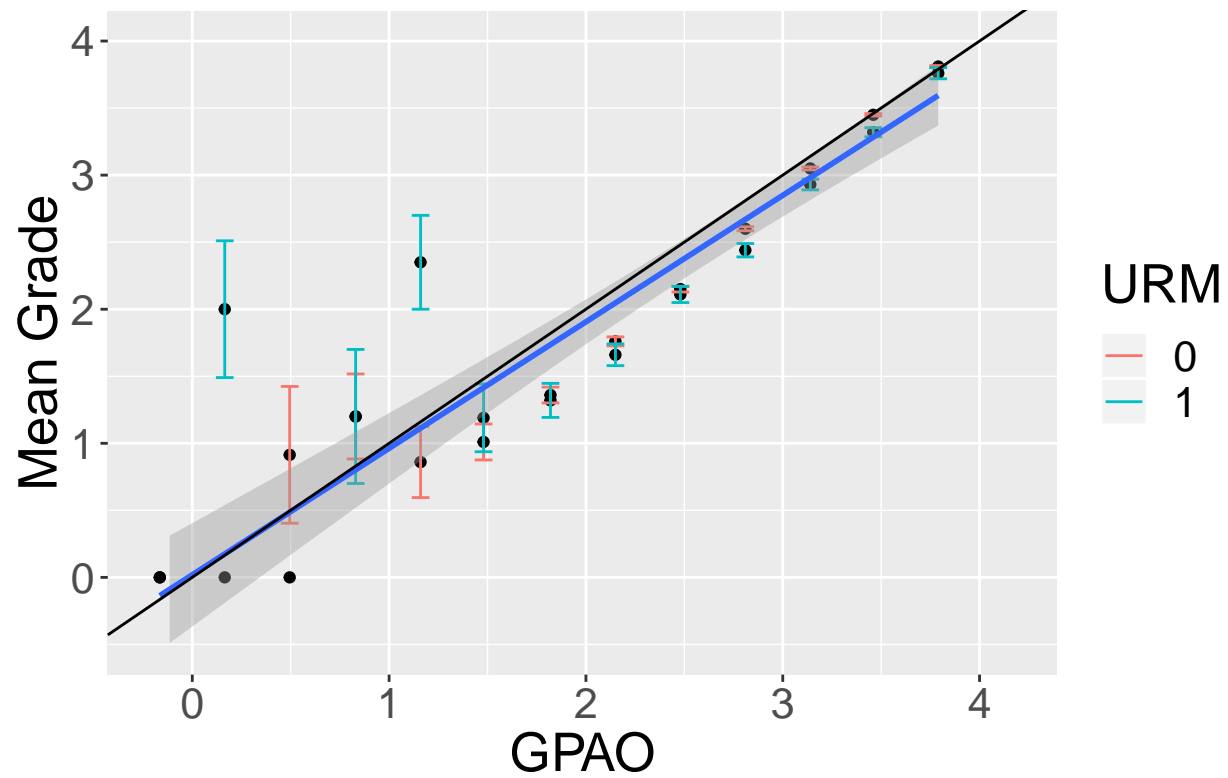
MATH216: GNDR



Warning: Removed 2 rows containing missing values (geom_point).

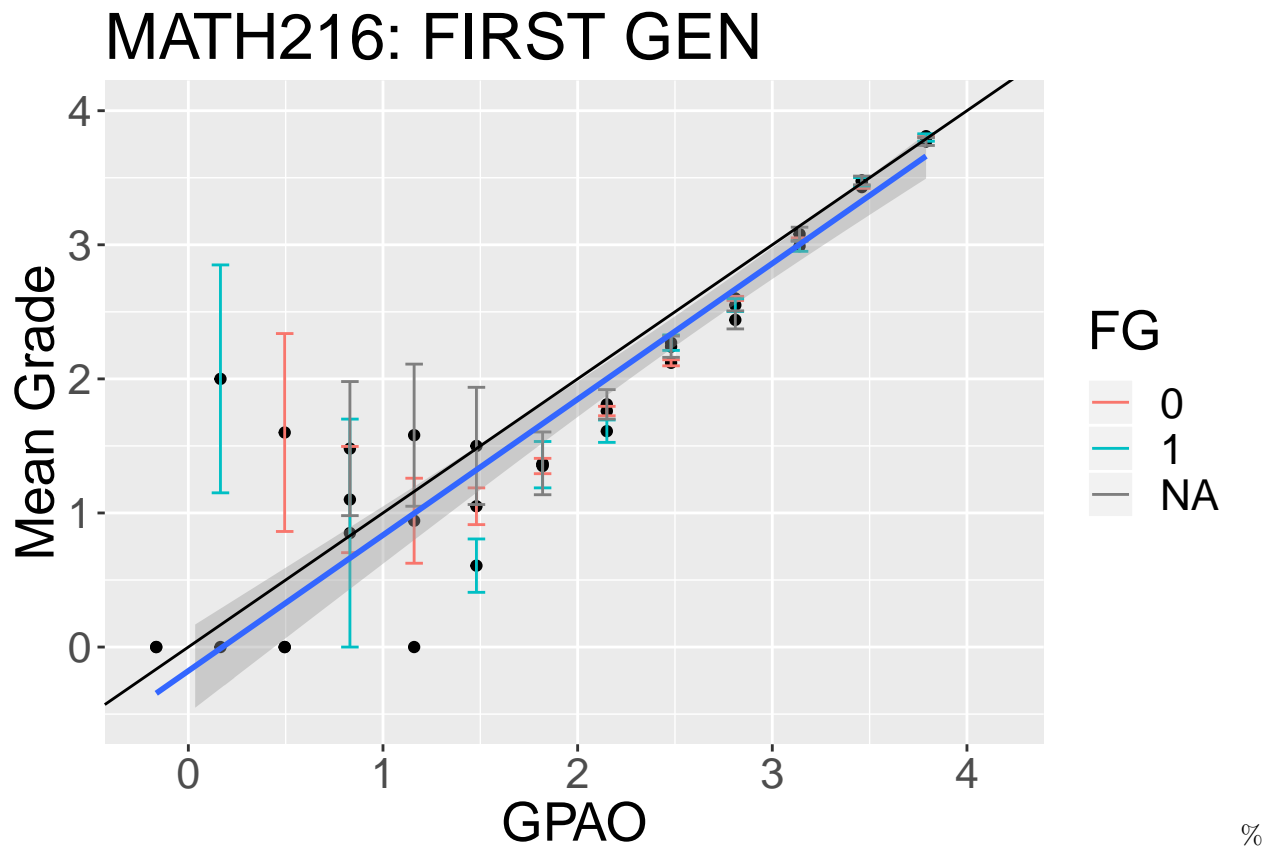
Warning: Removed 6 rows containing missing values (geom_errorbar).

MATH216: URM



Warning: Removed 4 rows containing missing values (geom_point).

Warning: Removed 10 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:02 2019

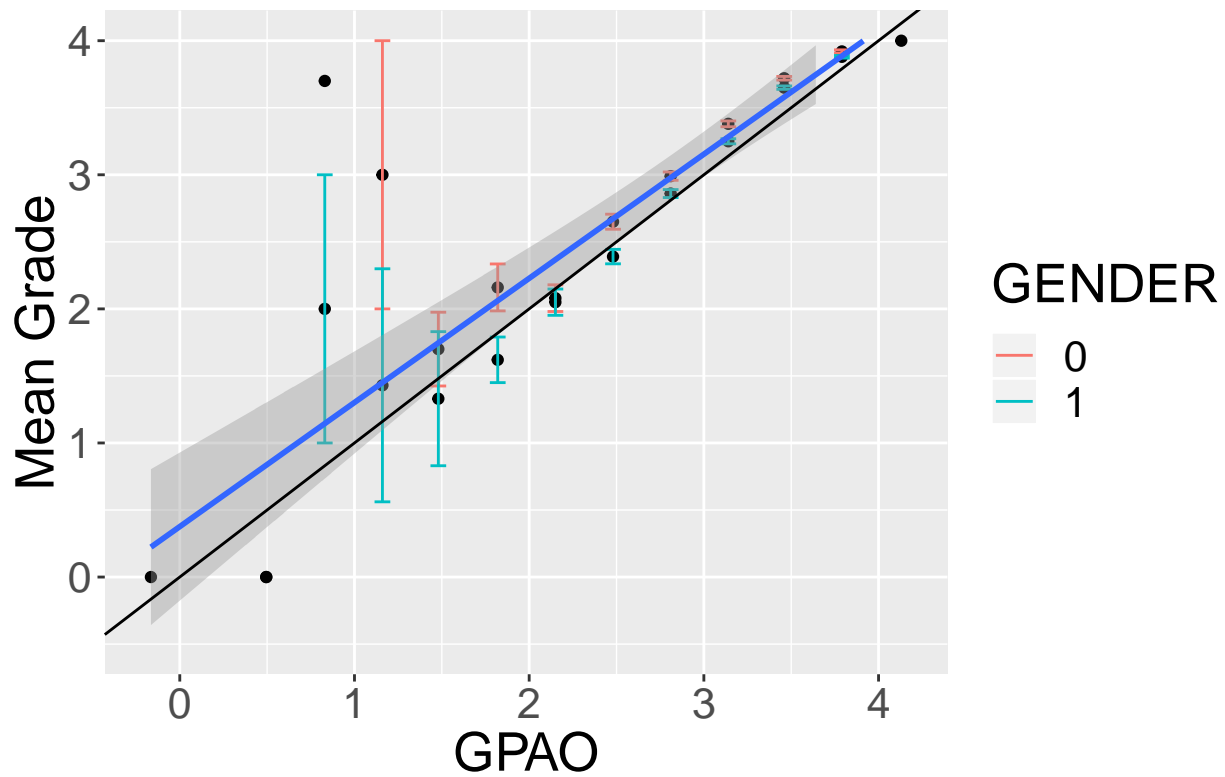
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.070	0.029	-2.379	0.01738
FG1	0.006	0.026	0.235	0.81409
GENDER1	0.082	0.015	5.446	0.00000
URM1:FG1	0.107	0.070	1.526	0.12710
URM1:GENDER1	-0.011	0.052	-0.218	0.82749
FG1:GENDER1	-0.003	0.052	-0.052	0.95860
URM1:FG1:GENDER1	-0.132	0.135	-0.976	0.32917

[1] "PHYSICS135"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 7 rows containing missing values (geom_errorbar).

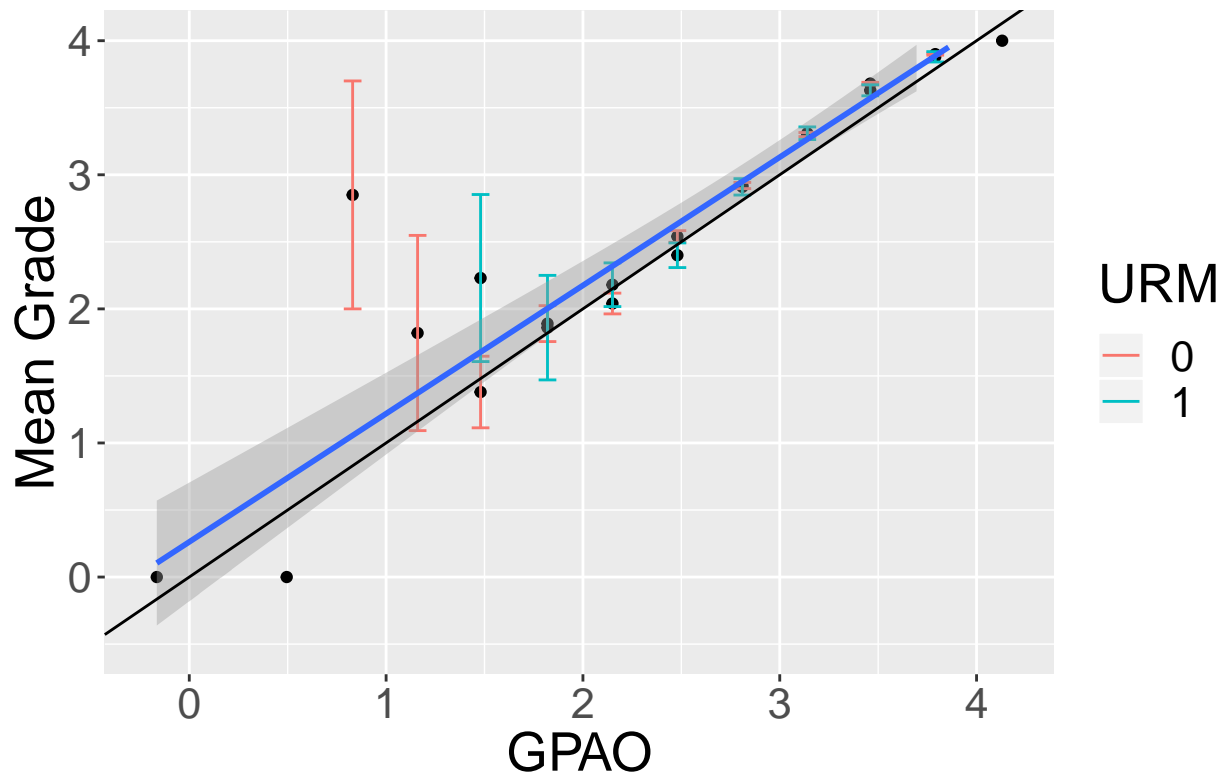
PHYSICS135: GNDR



Warning: Removed 1 rows containing missing values (geom_point).

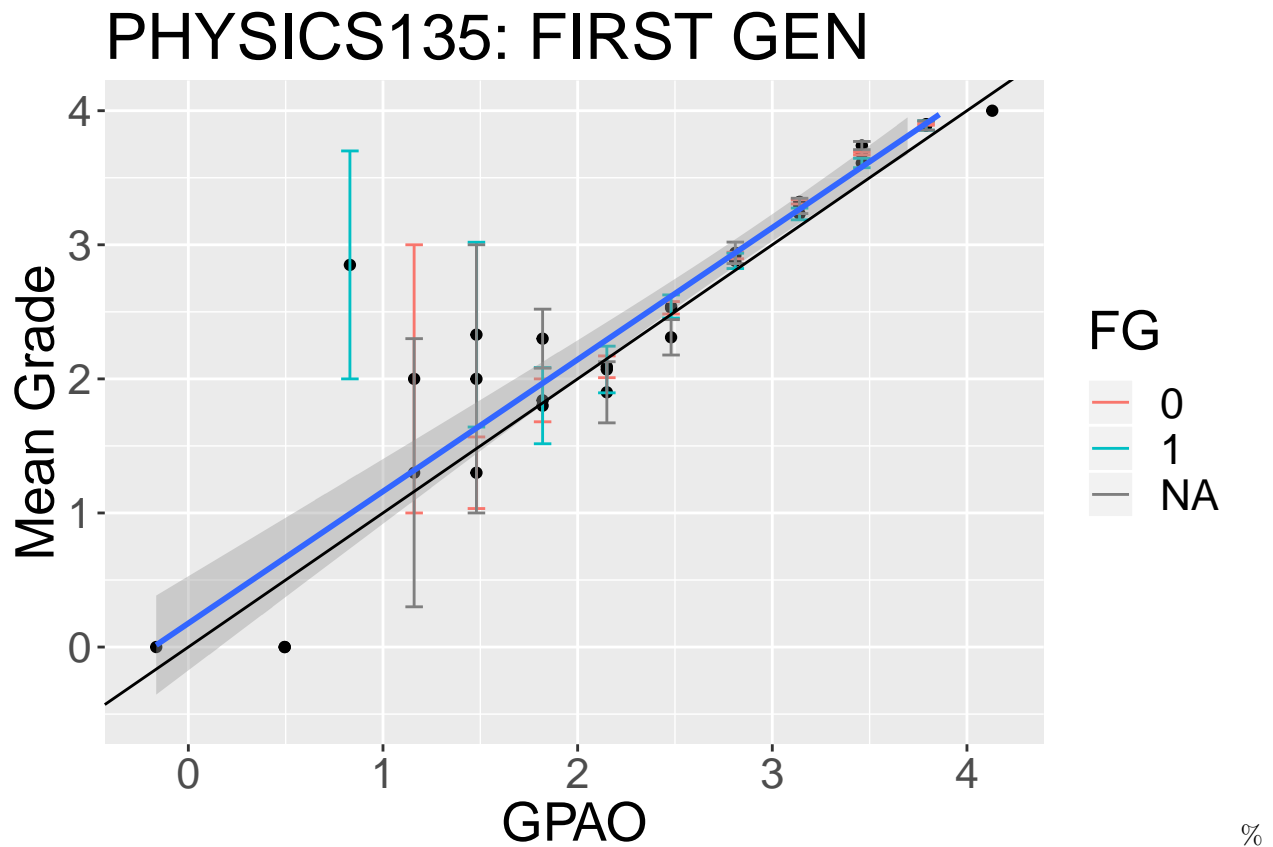
Warning: Removed 4 rows containing missing values (geom_errorbar).

PHYSICS135: URM



Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 6 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:03 2019

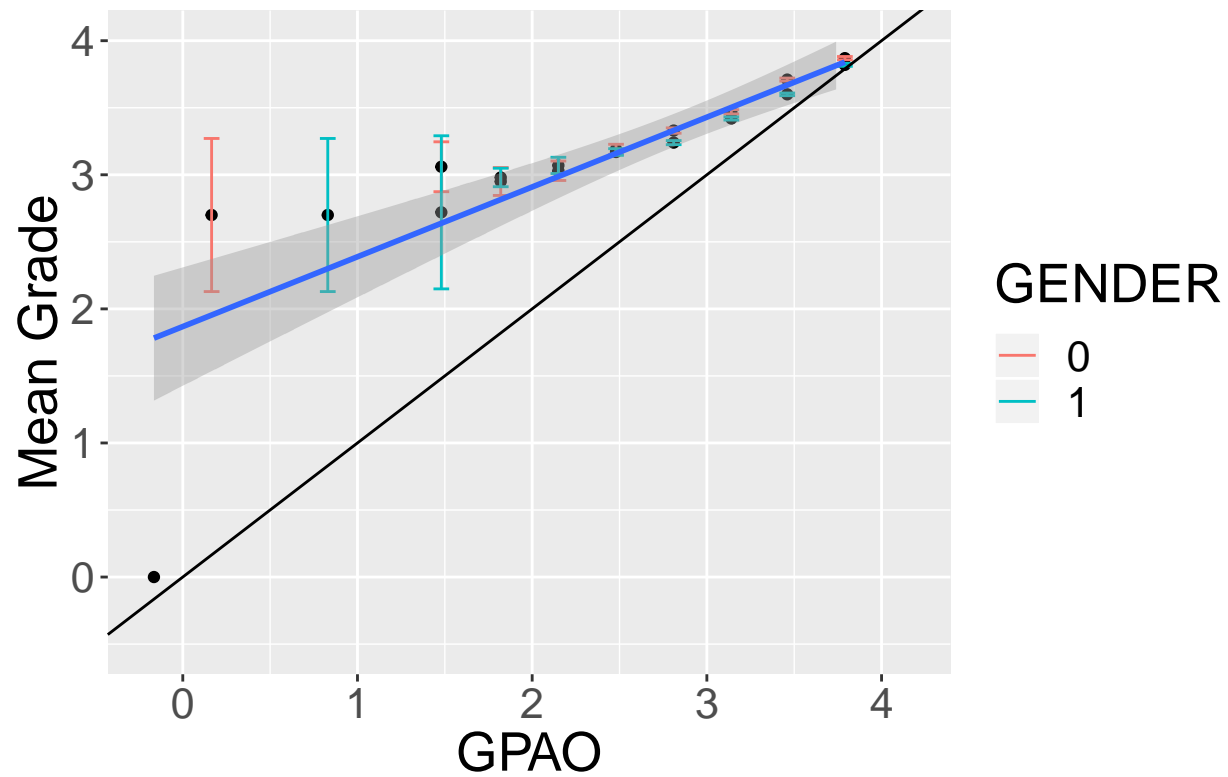
	Estimate	Std..Error	t.value	Pr...t..
URM1	0.112	0.044	2.532	0.01137
FG1	0.090	0.039	2.279	0.02270
GENDER1	-0.067	0.016	-4.073	0.00005
URM1:FG1	-0.072	0.100	-0.714	0.47495
URM1:GENDER1	-0.051	0.056	-0.911	0.36242
FG1:GENDER1	-0.101	0.051	-1.998	0.04575
URM1:FG1:GENDER1	0.116	0.126	0.915	0.36049

[1] "PHYSICS136"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).

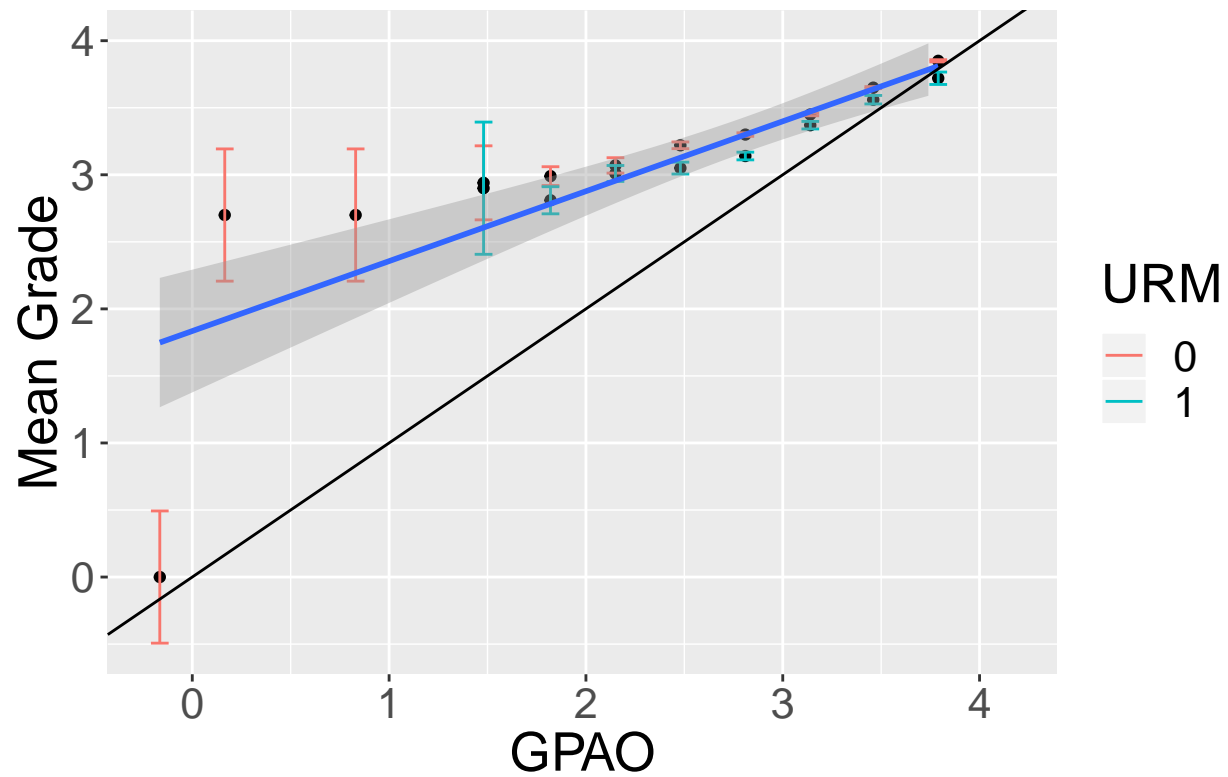
PHYSICS136: GNDR



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```

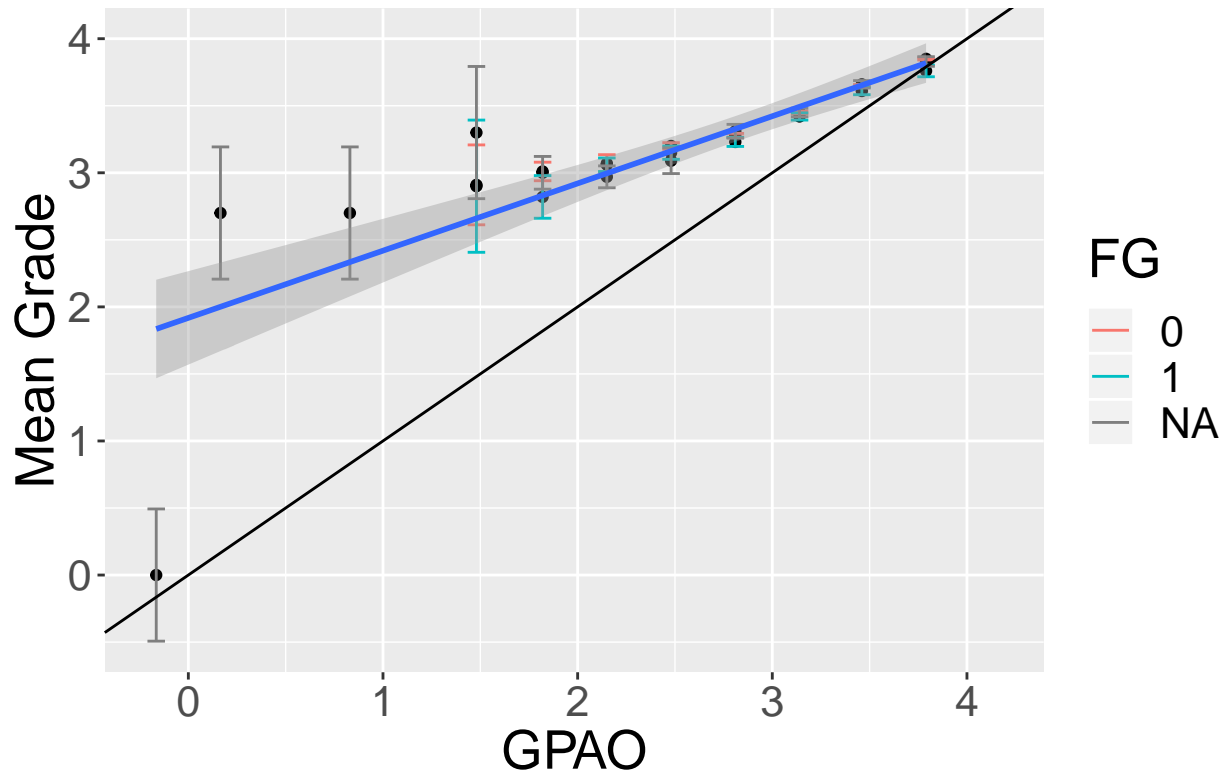
PHYSICS136: URM



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```

PHYSICS136: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:08 2019

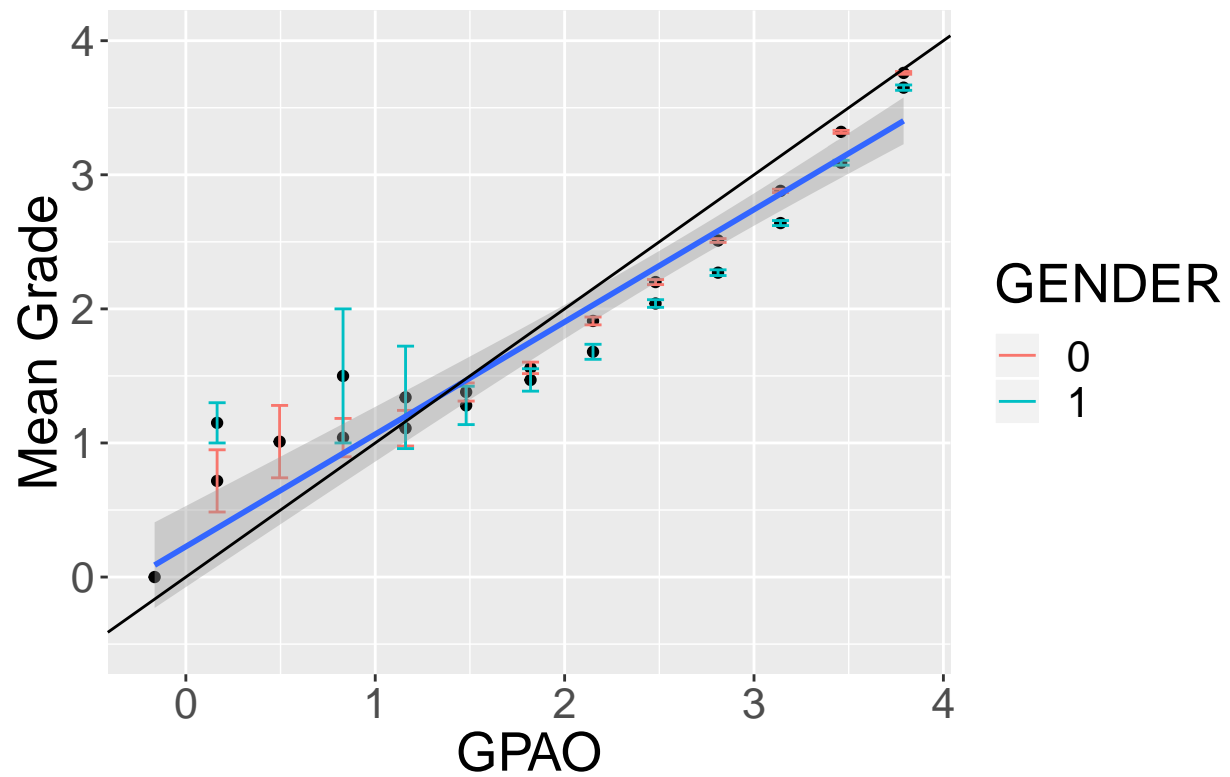
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.070	0.030	-2.307	0.02107
FG1	0.003	0.027	0.098	0.92212
GENDER1	-0.071	0.011	-6.400	0.00000
URM1:FG1	-0.023	0.069	-0.336	0.73715
URM1:GENDER1	0.015	0.038	0.381	0.70289
FG1:GENDER1	0.014	0.034	0.396	0.69207
URM1:FG1:GENDER1	0.007	0.088	0.081	0.93509

[1] "PHYSICS140"

Warning: Removed 1 rows containing missing values (geom_point).

Warning: Removed 2 rows containing missing values (geom_errorbar).

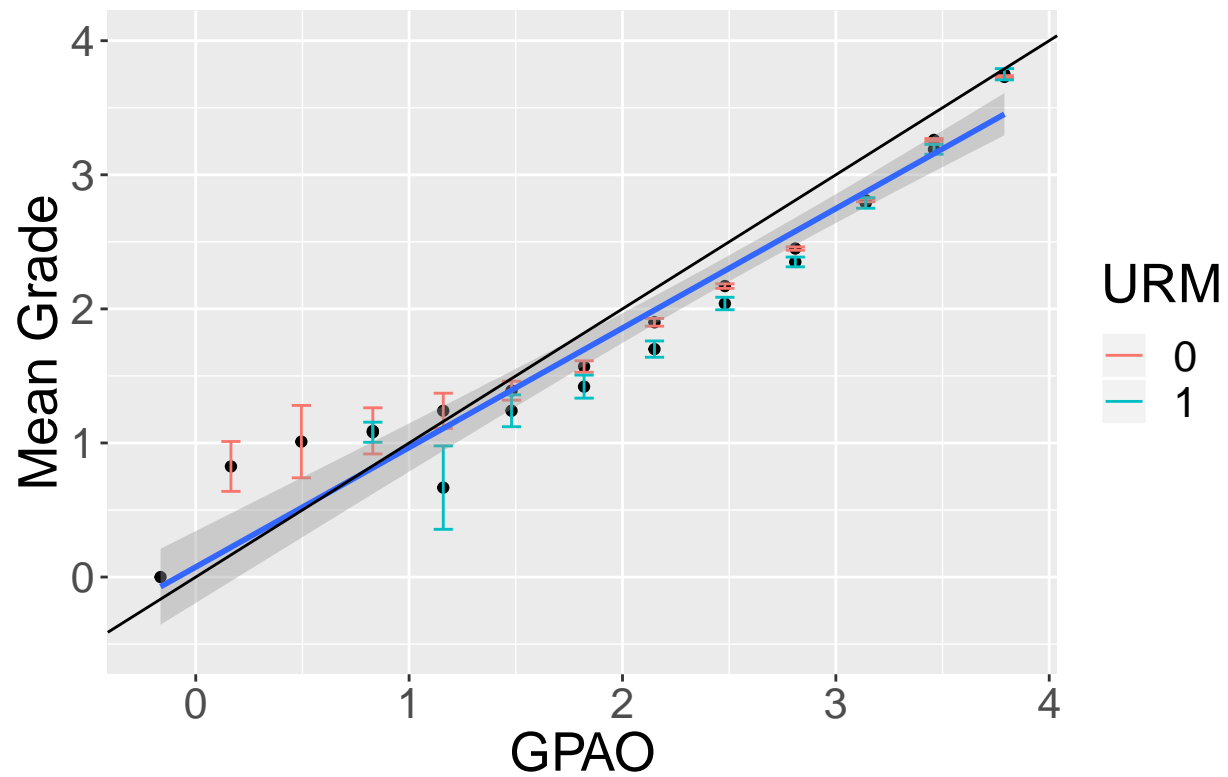
PHYSICS140: GNDR



Warning: Removed 1 rows containing missing values (geom_point).

Warning: Removed 2 rows containing missing values (geom_errorbar).

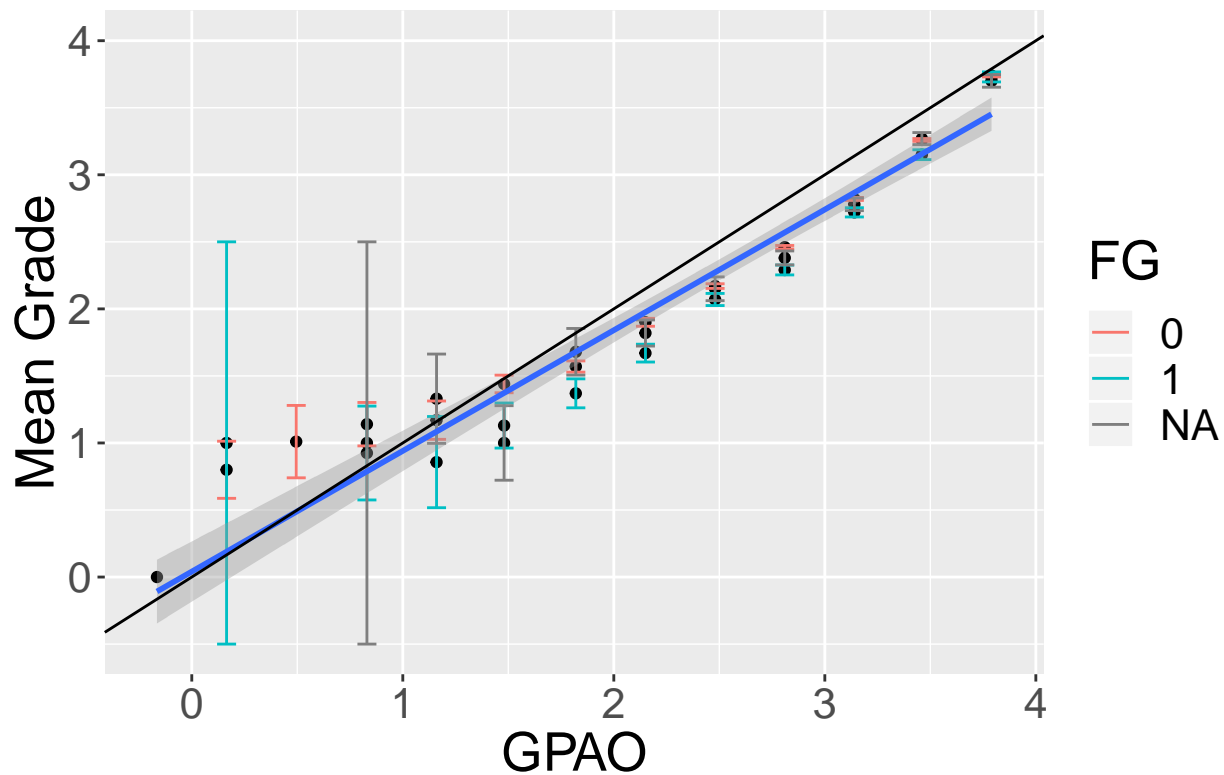
PHYSICS140: URM



```
## Warning: Removed 1 rows containing missing values (geom_point).
```

```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```


PHYSICS140: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:14 2019

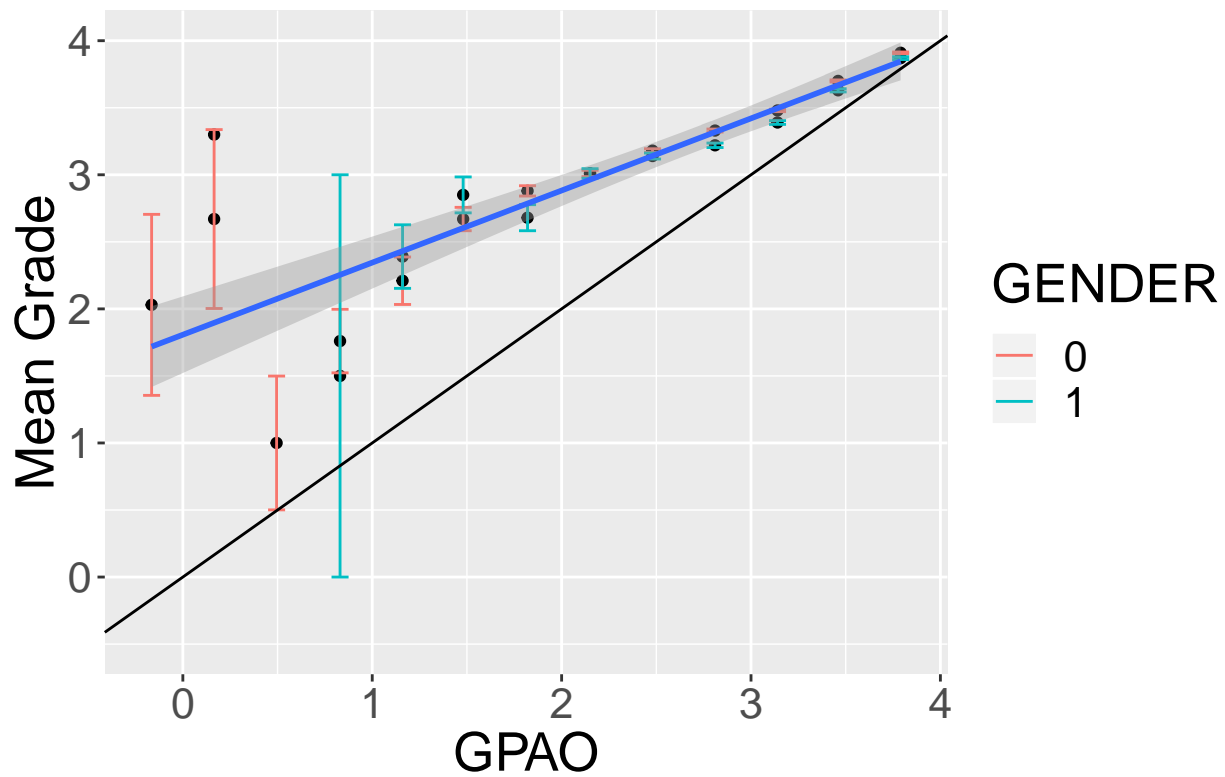
	Estimate	Std..Error	t.value	Pr...t..
URM1	0.004	0.025	0.174	0.86162
FG1	-0.070	0.023	-3.060	0.00222
GENDER1	-0.196	0.013	-14.914	0.00000
URM1:FG1	-0.001	0.058	-0.015	0.98780
URM1:GENDER1	0.047	0.043	1.094	0.27384
FG1:GENDER1	0.007	0.043	0.173	0.86285
URM1:FG1:GENDER1	-0.036	0.105	-0.343	0.73174

[1] "PHYSICS141"

Warning: Removed 1 rows containing missing values (geom_point).

Warning: Removed 2 rows containing missing values (geom_errorbar).

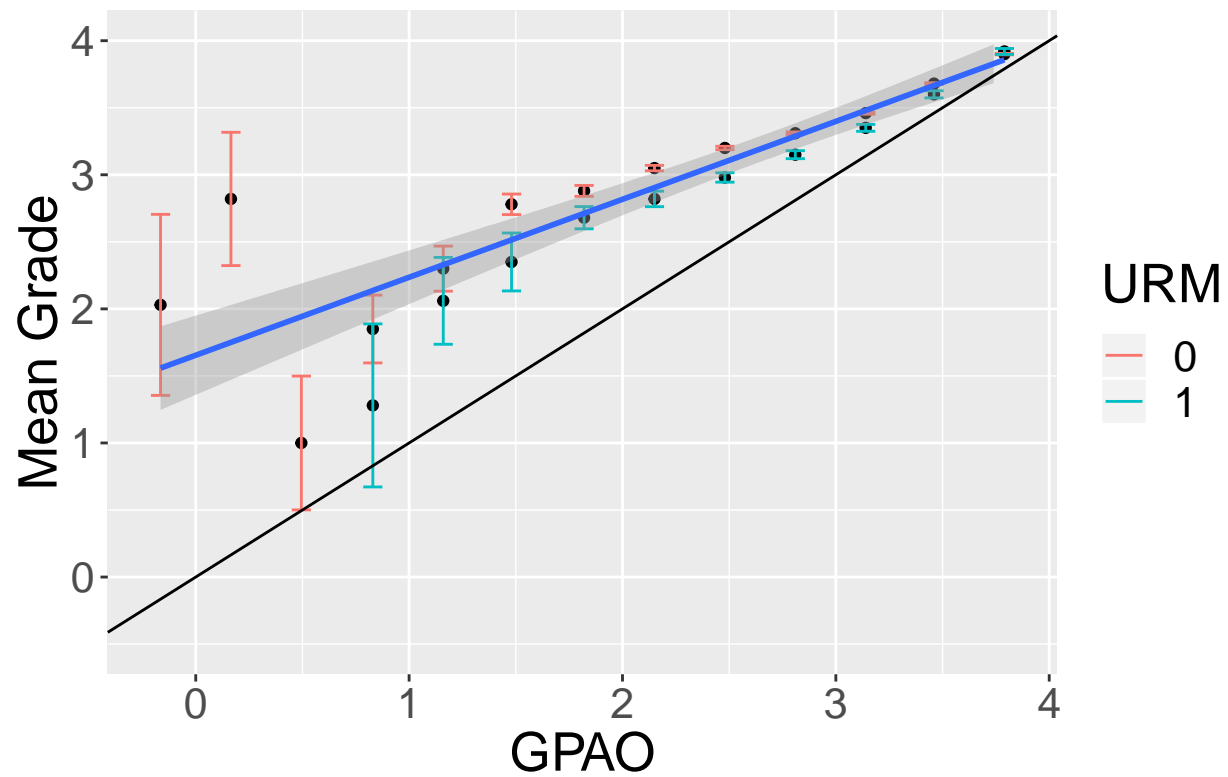
PHYSICS141: GNDR



```
## Warning: Removed 1 rows containing missing values (geom_point).
```

```
## Warning: Removed 1 rows containing missing values (geom_errorbar).
```

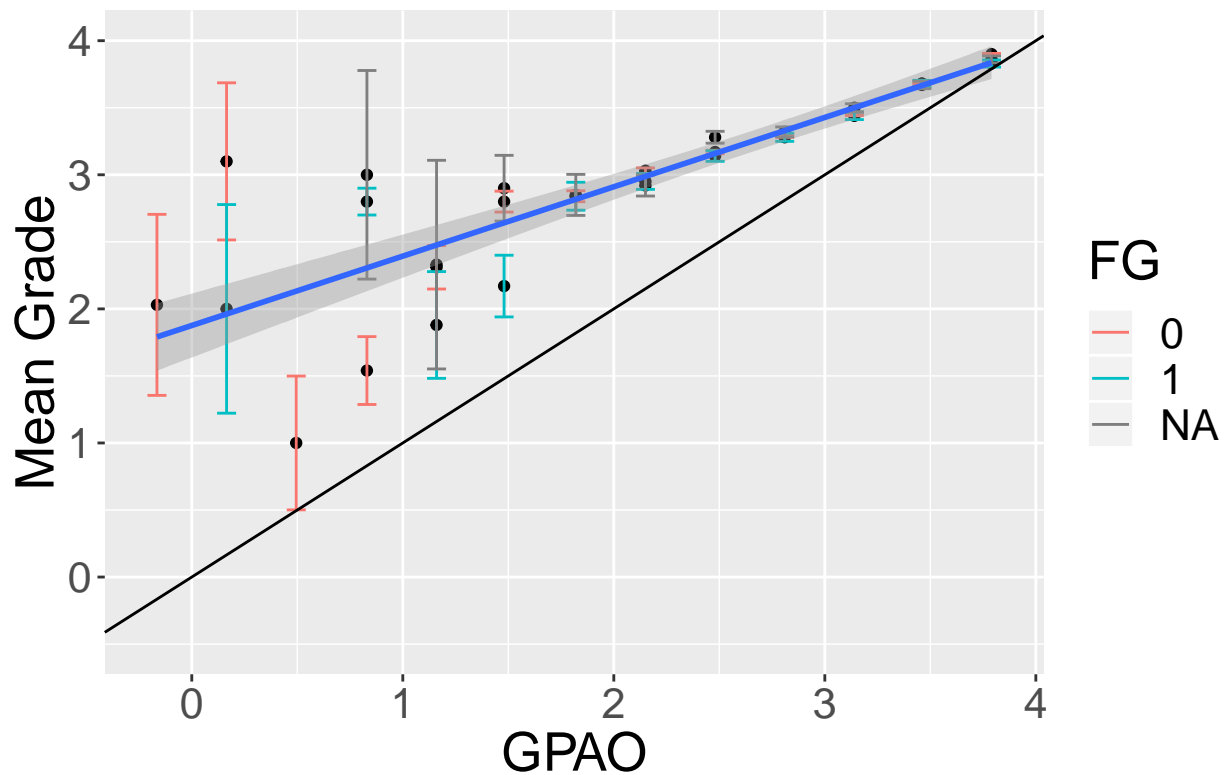
PHYSICS141: URM



```
## Warning: Removed 1 rows containing missing values (geom_point).
```

```
## Warning: Removed 1 rows containing missing values (geom_errorbar).
```

PHYSICS141: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:16 2019

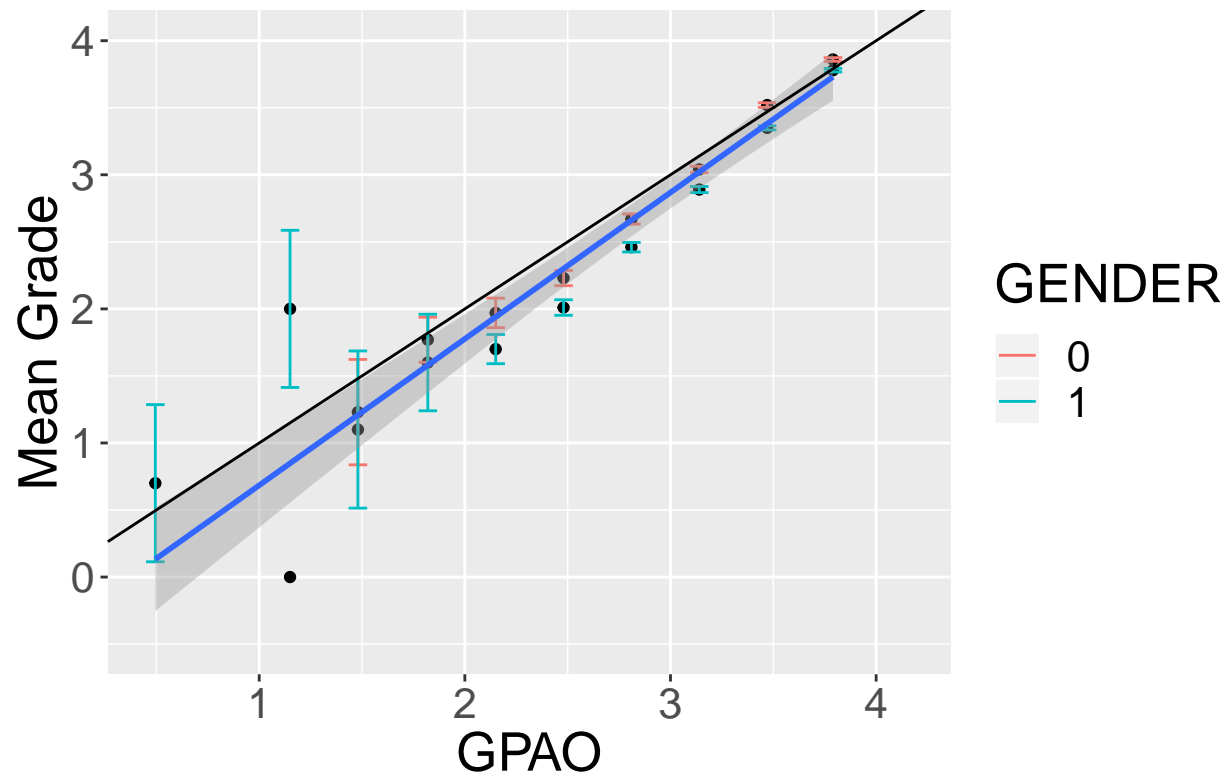
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.143	0.021	-6.935	0.00000
FG1	0.015	0.019	0.781	0.43486
GENDER1	-0.079	0.011	-7.547	0.00000
URM1:FG1	-0.170	0.049	-3.500	0.00047
URM1:GENDER1	0.074	0.035	2.112	0.03467
FG1:GENDER1	0.040	0.035	1.159	0.24639
URM1:FG1:GENDER1	-0.077	0.087	-0.894	0.37128

[1] "PHYSICS235"

Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 4 rows containing missing values (geom_errorbar).

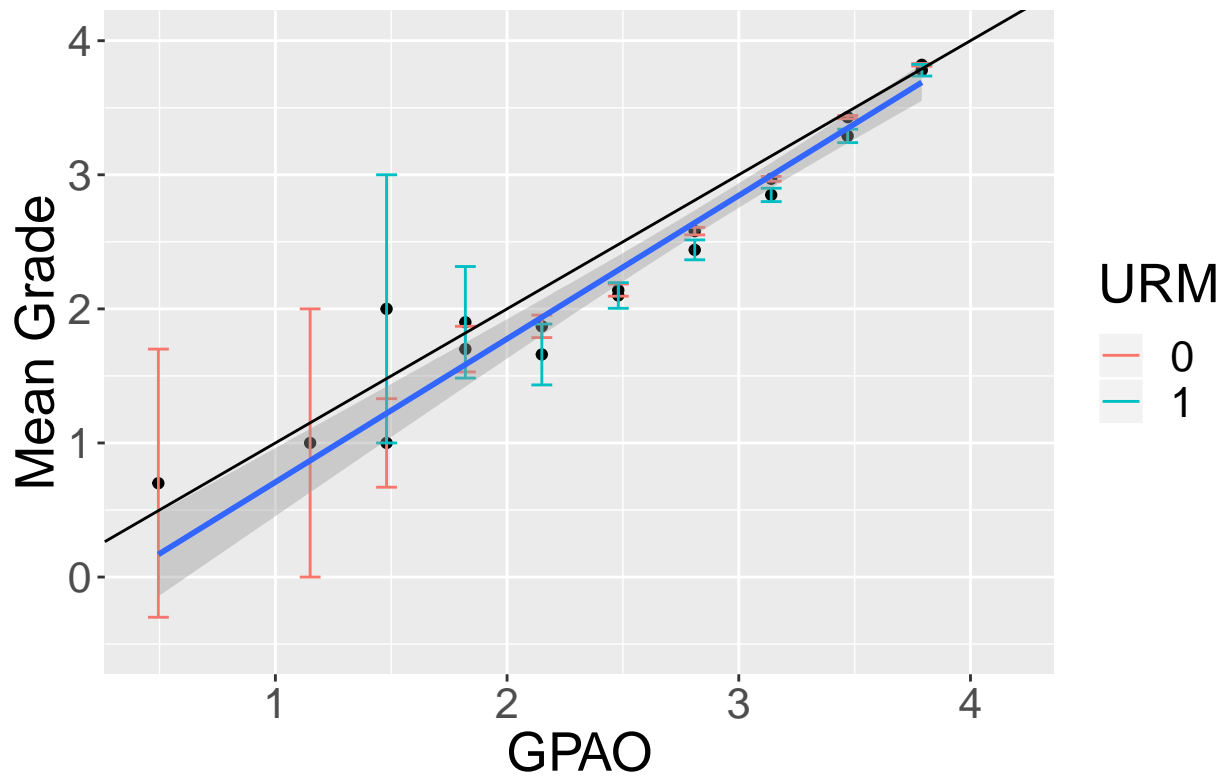
PHYSICS235: GNDR



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

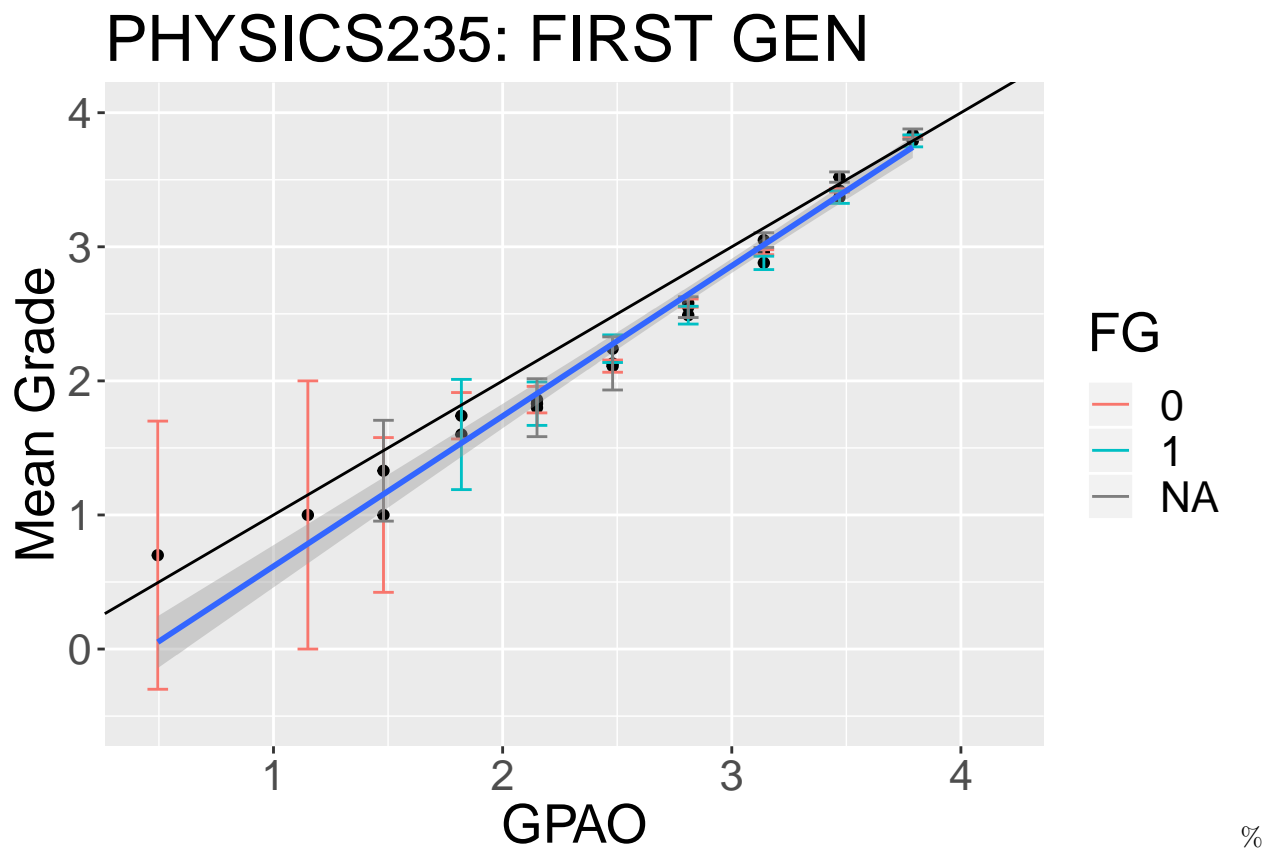
```
## Warning: Removed 2 rows containing missing values (geom_errorbar).
```

PHYSICS235: URM



Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:19 2019

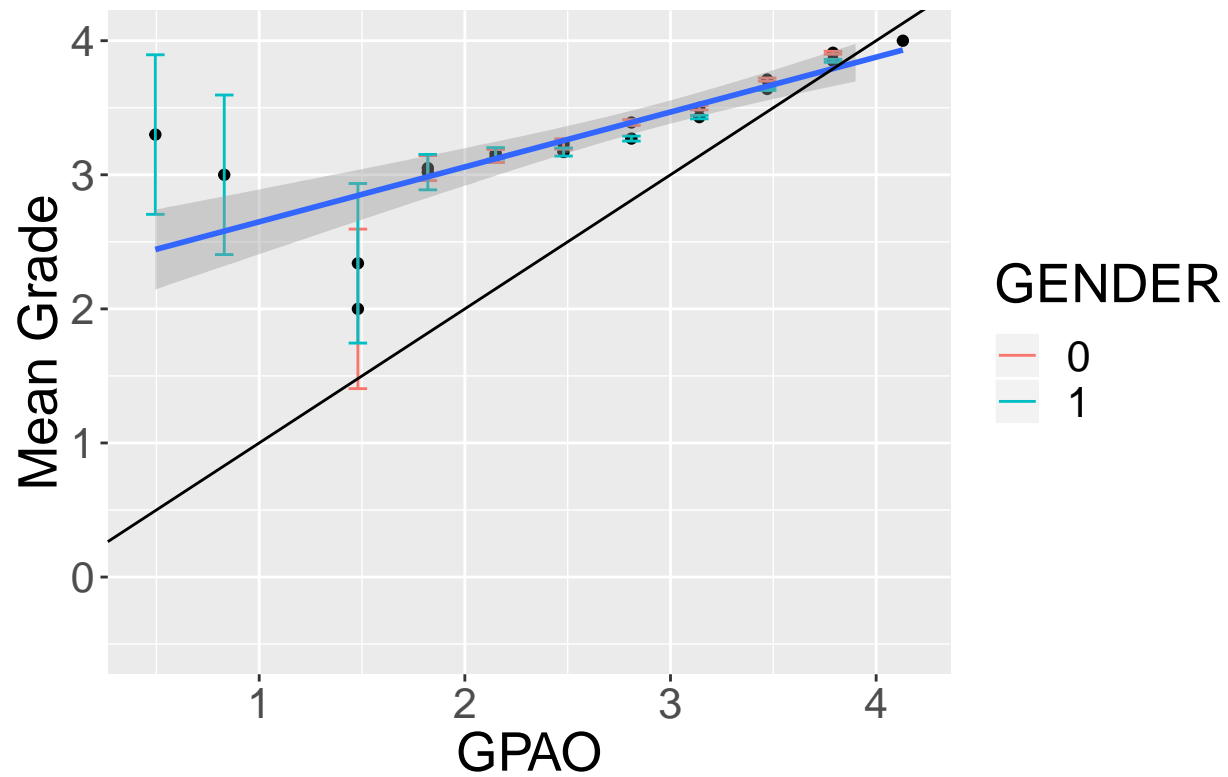
	Estimate	Std..Error	t.value	Pr...t..
URM1	0.048	0.050	0.956	0.33932
FG1	0.019	0.042	0.439	0.66100
GENDER1	-0.159	0.018	-8.687	0.00000
URM1:FG1	-0.032	0.118	-0.271	0.78631
URM1:GENDER1	-0.151	0.065	-2.328	0.01994
FG1:GENDER1	-0.027	0.057	-0.477	0.63344
URM1:FG1:GENDER1	0.117	0.153	0.765	0.44455

[1] "PHYSICS236"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).

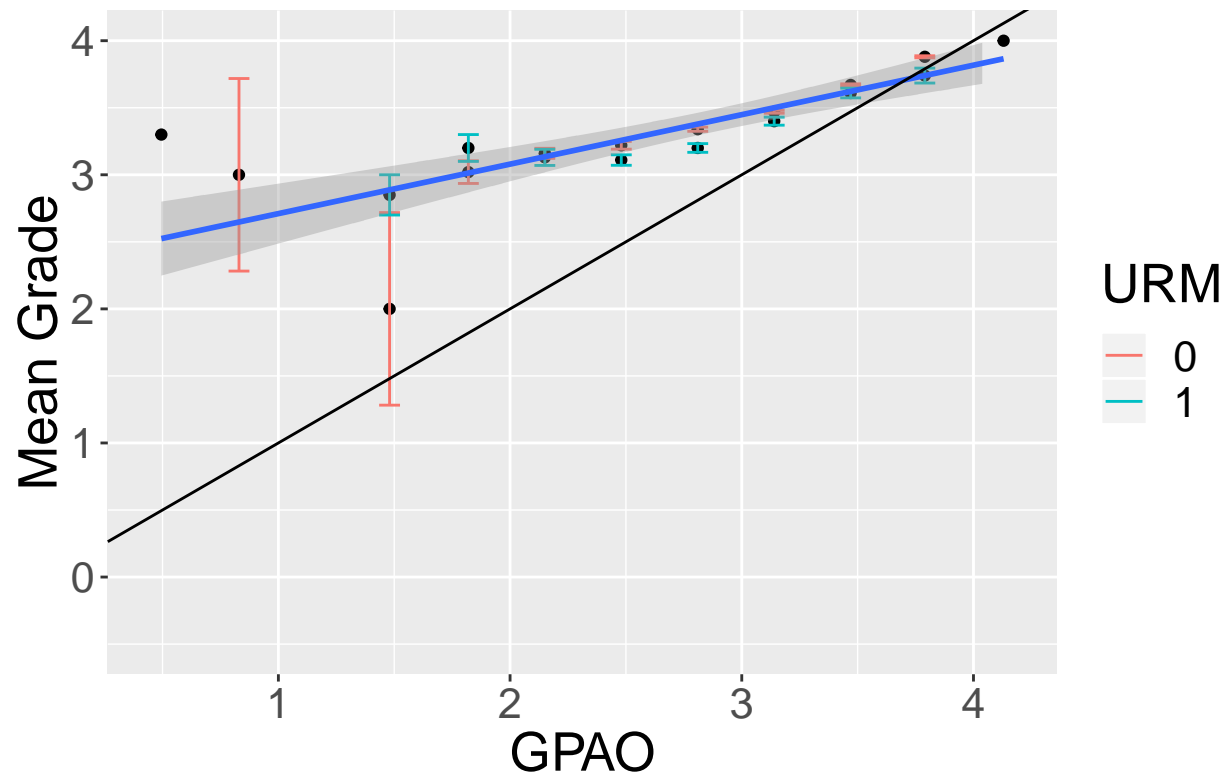
PHYSICS236: GNDR



Warning: Removed 1 rows containing missing values (geom_point).

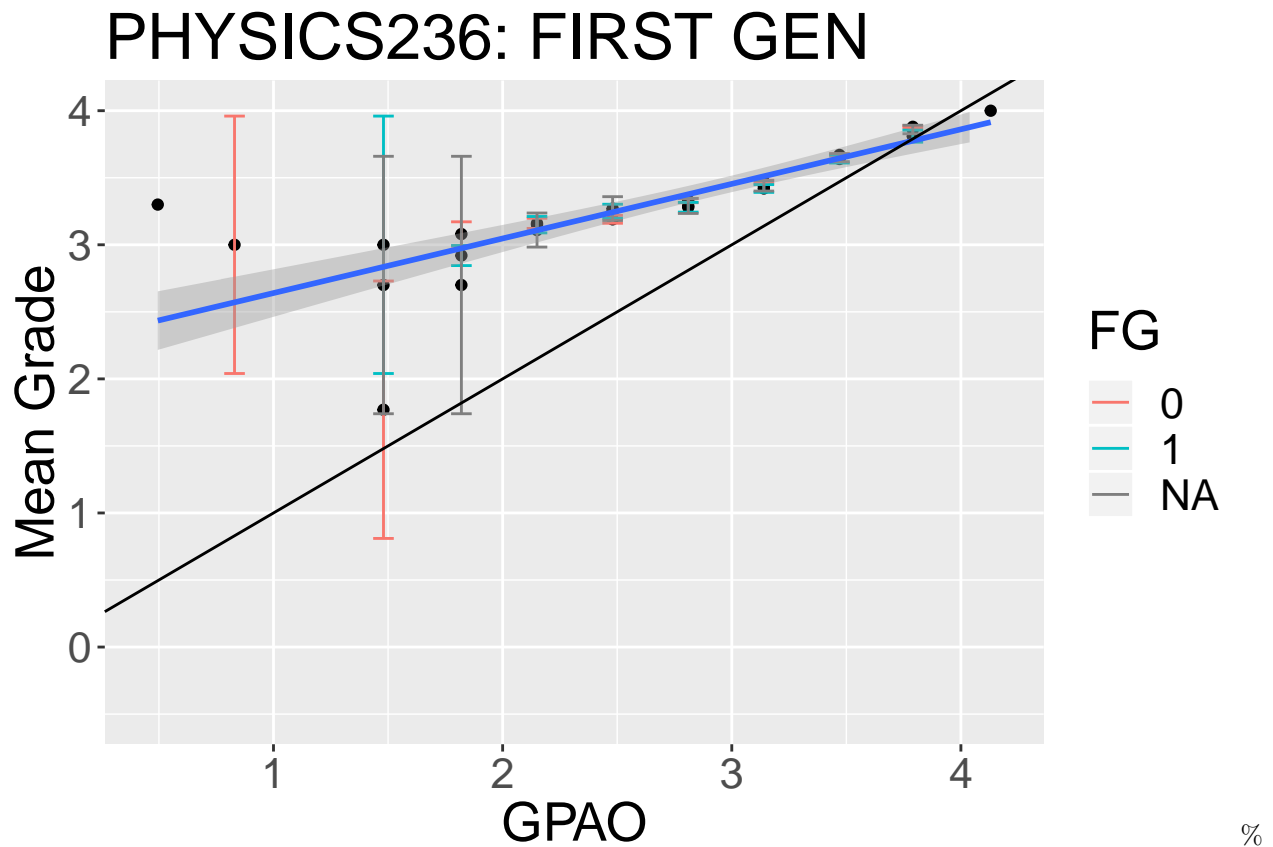
Warning: Removed 3 rows containing missing values (geom_errorbar).

PHYSICS236: URM



Warning: Removed 1 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:21 2019

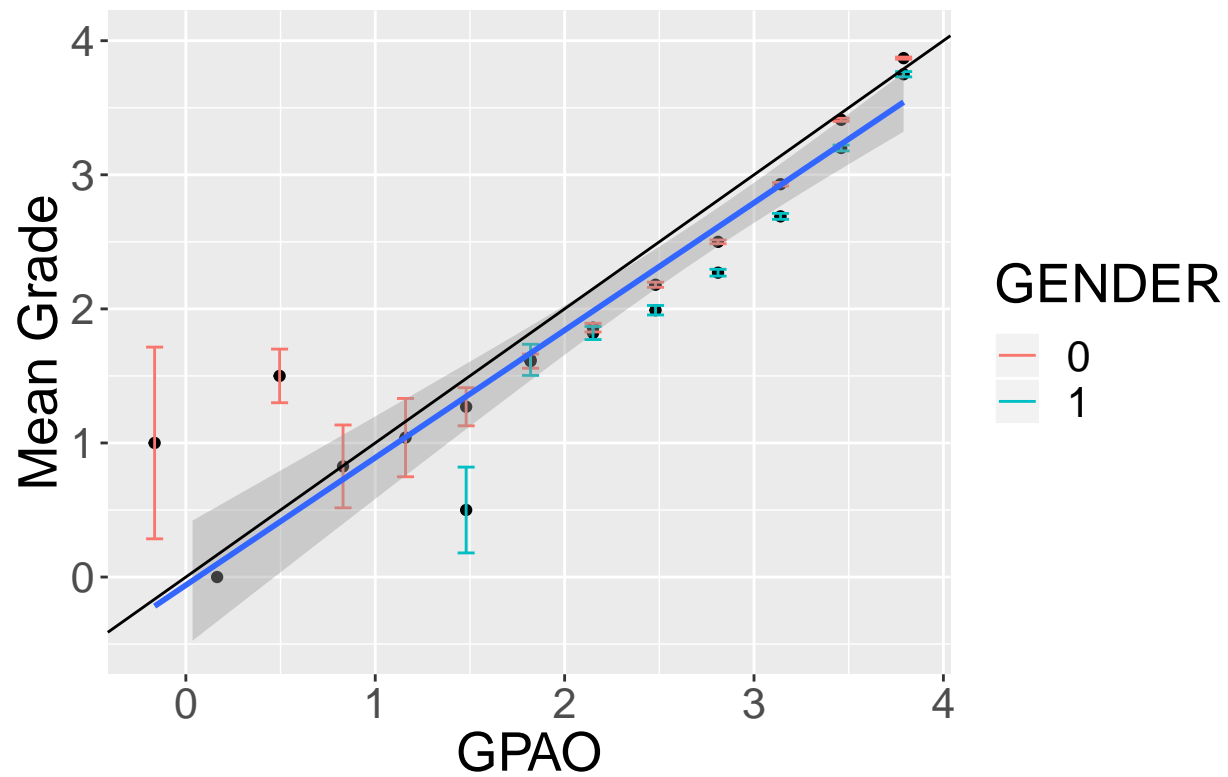
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.028	0.032	-0.851	0.39506
FG1	-0.007	0.028	-0.248	0.80396
GENDER1	-0.067	0.012	-5.685	0.00000
URM1:FG1	-0.004	0.078	-0.052	0.95847
URM1:GENDER1	-0.037	0.042	-0.900	0.36831
FG1:GENDER1	0.010	0.037	0.273	0.78524
URM1:FG1:GENDER1	-0.003	0.100	-0.026	0.97908

[1] "PHYSICS240"

Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).

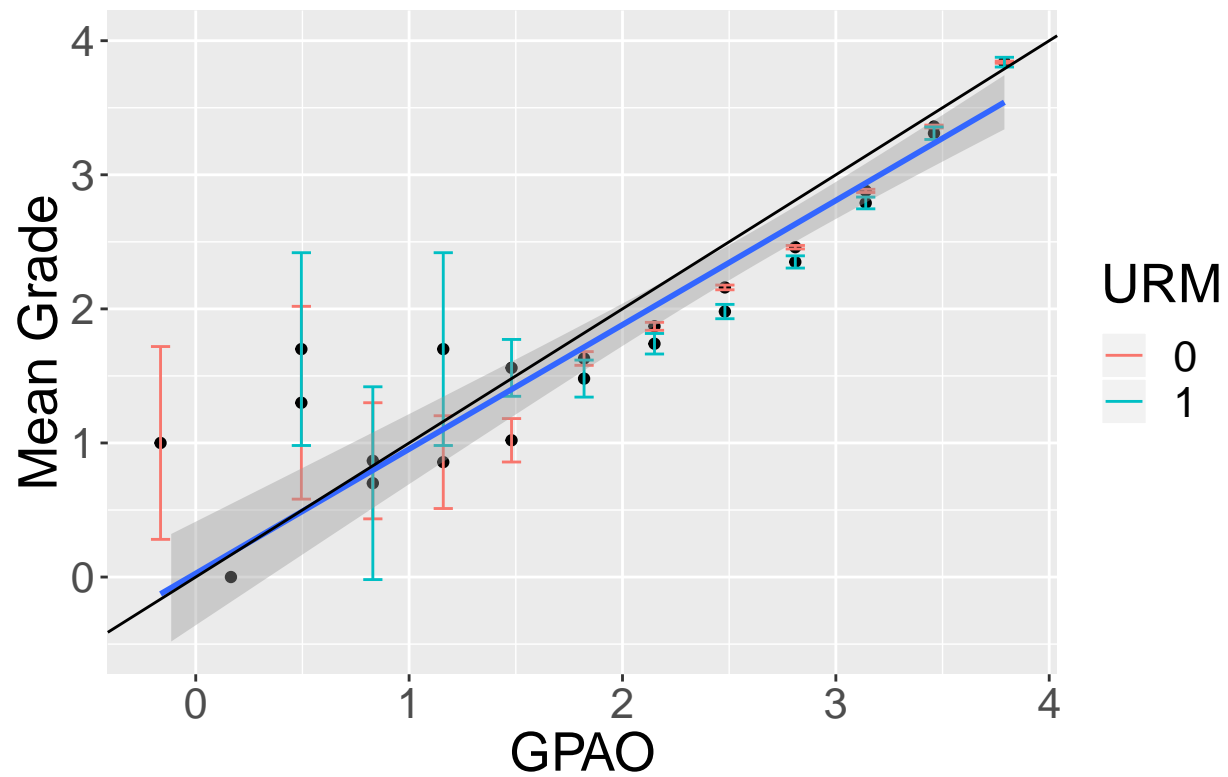
PHYSICS240: GNDR



Warning: Removed 2 rows containing missing values (geom_point).

Warning: Removed 3 rows containing missing values (geom_errorbar).

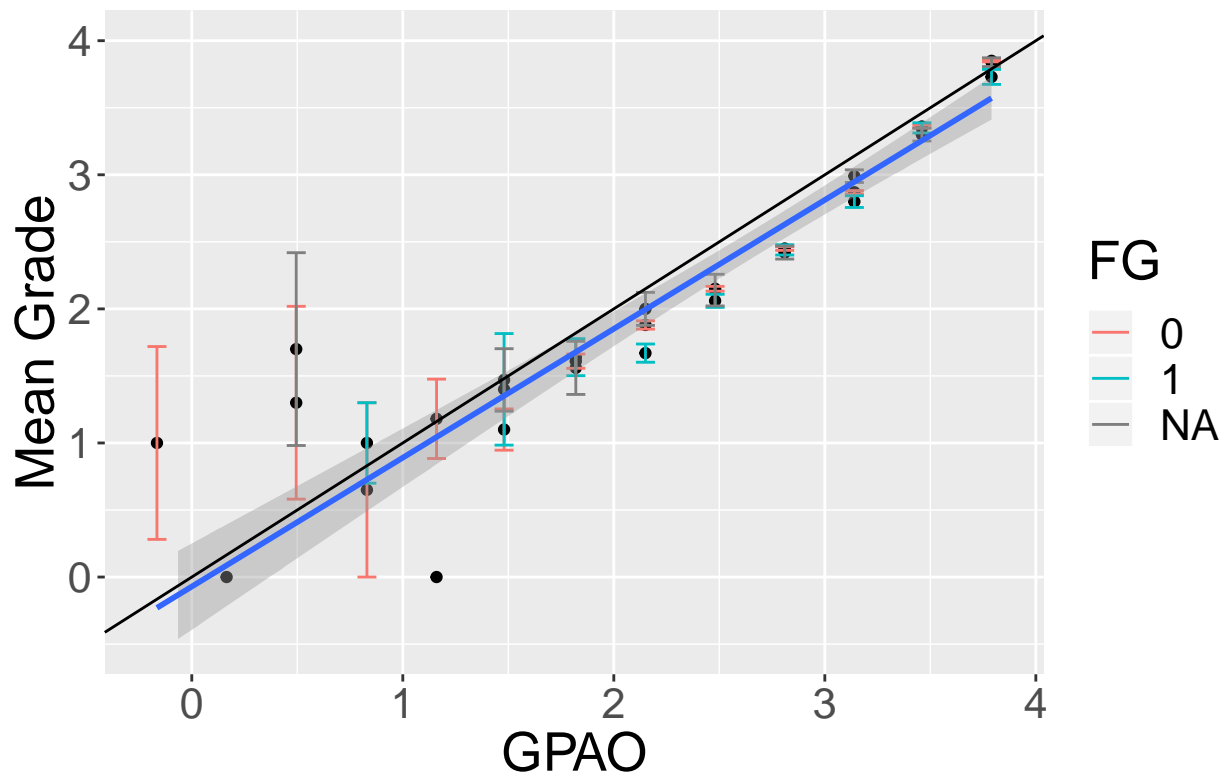
PHYSICS240: URM



```
## Warning: Removed 2 rows containing missing values (geom_point).
```

```
## Warning: Removed 4 rows containing missing values (geom_errorbar).
```

PHYSICS240: FIRST GEN



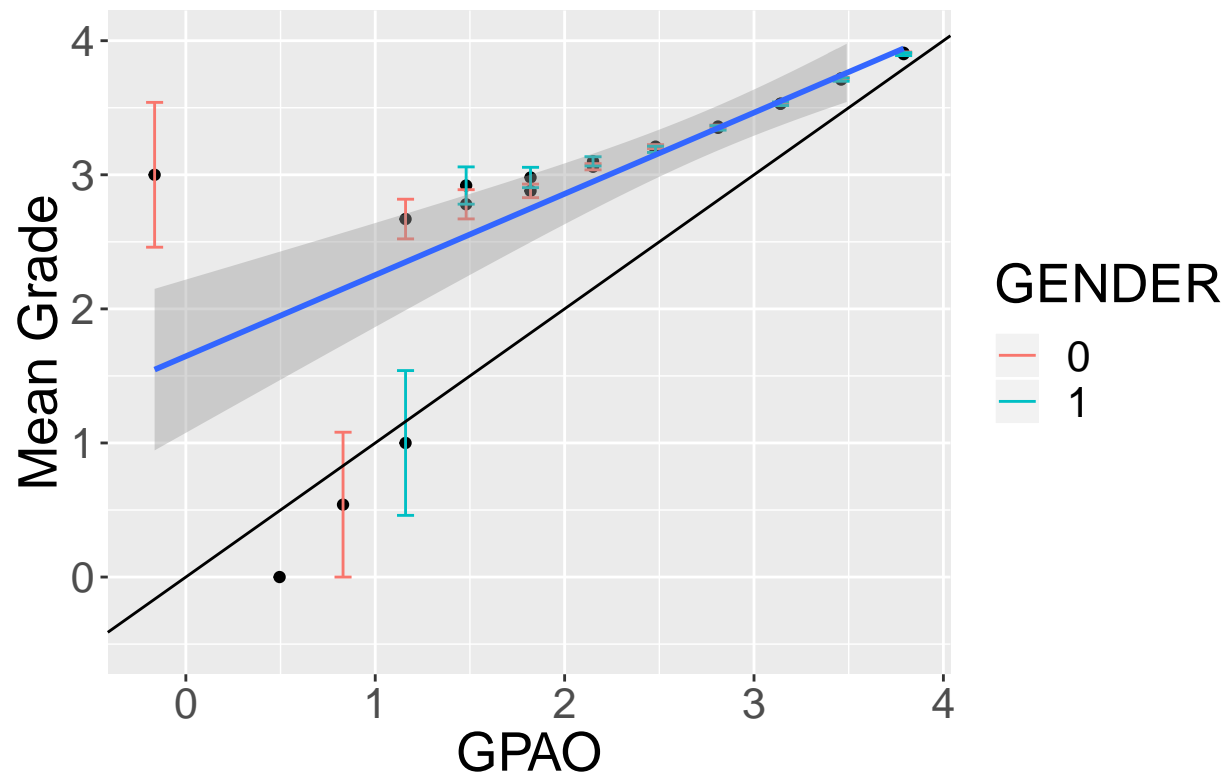
latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:22 2019

	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.021	0.028	-0.746	0.45569
FG1	-0.014	0.024	-0.565	0.57198
GENDER1	-0.188	0.015	-12.400	0.00000
URM1:FG1	-0.076	0.067	-1.132	0.25763
URM1:GENDER1	-0.053	0.055	-0.962	0.33632
FG1:GENDER1	-0.025	0.053	-0.470	0.63853
URM1:FG1:GENDER1	-0.059	0.139	-0.421	0.67358

[1] "PHYSICS241"

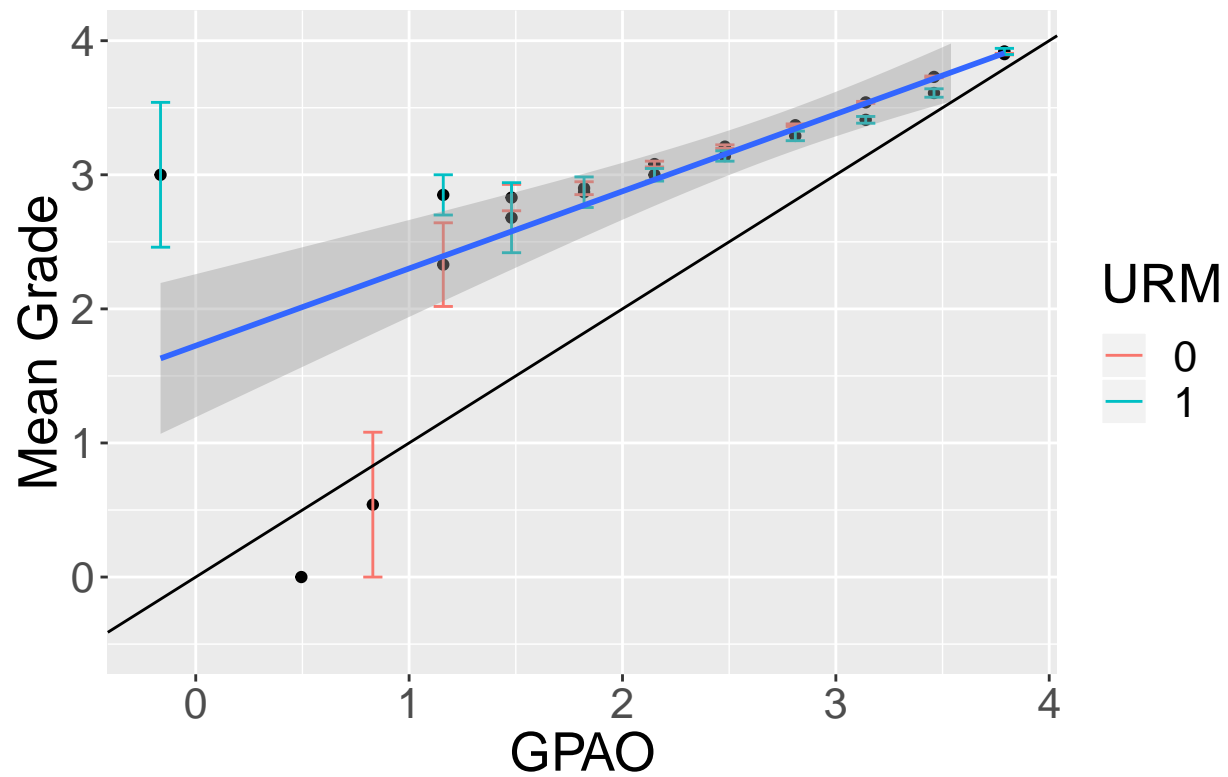
Warning: Removed 1 rows containing missing values (geom_errorbar).

PHYSICS241: GNDR



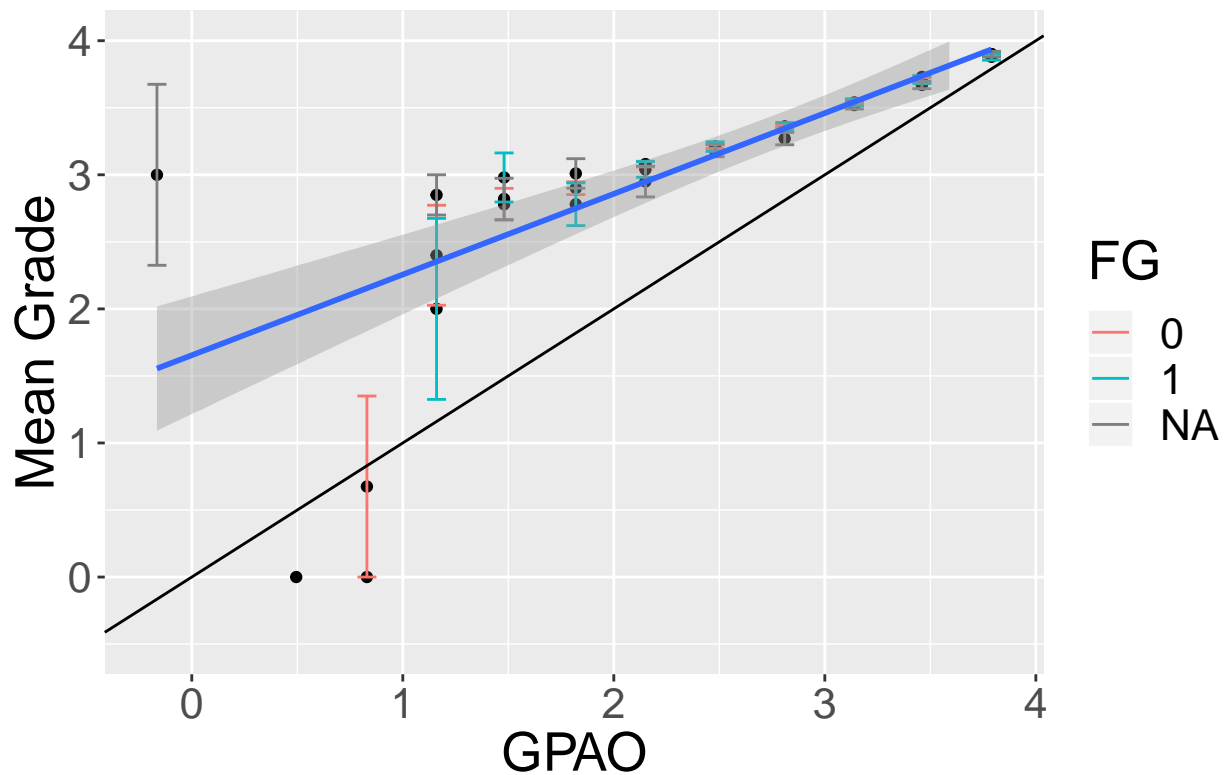
Warning: Removed 1 rows containing missing values (geom_errorbar).

PHYSICS241: URM



Warning: Removed 2 rows containing missing values (geom_errorbar).

PHYSICS241: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:24 2019

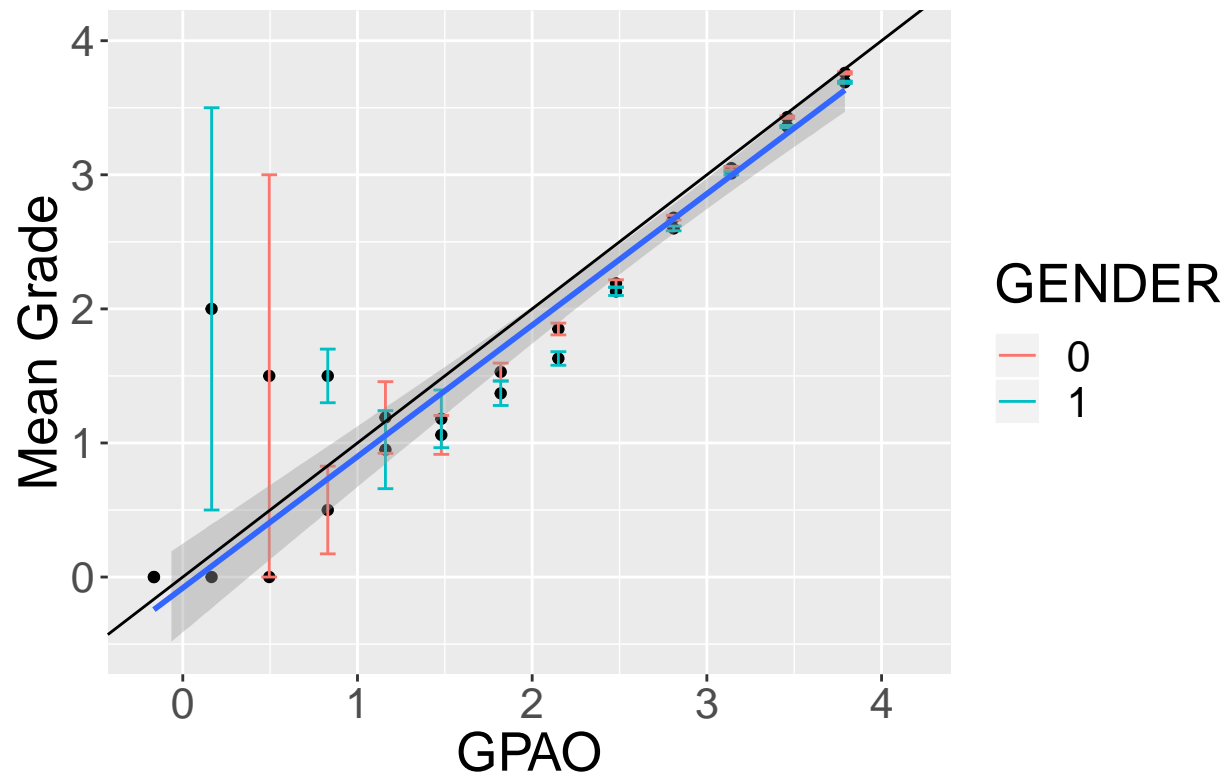
	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.075	0.021	-3.610	0.00031
FG1	-0.014	0.018	-0.751	0.45263
GENDER1	-0.011	0.011	-0.992	0.32104
URM1:FG1	0.046	0.051	0.910	0.36289
URM1:GENDER1	-0.022	0.038	-0.584	0.55922
FG1:GENDER1	0.023	0.036	0.623	0.53342
URM1:FG1:GENDER1	-0.208	0.103	-2.017	0.04370

[1] "STATS250"

Warning: Removed 3 rows containing missing values (geom_point).

Warning: Removed 7 rows containing missing values (geom_errorbar).

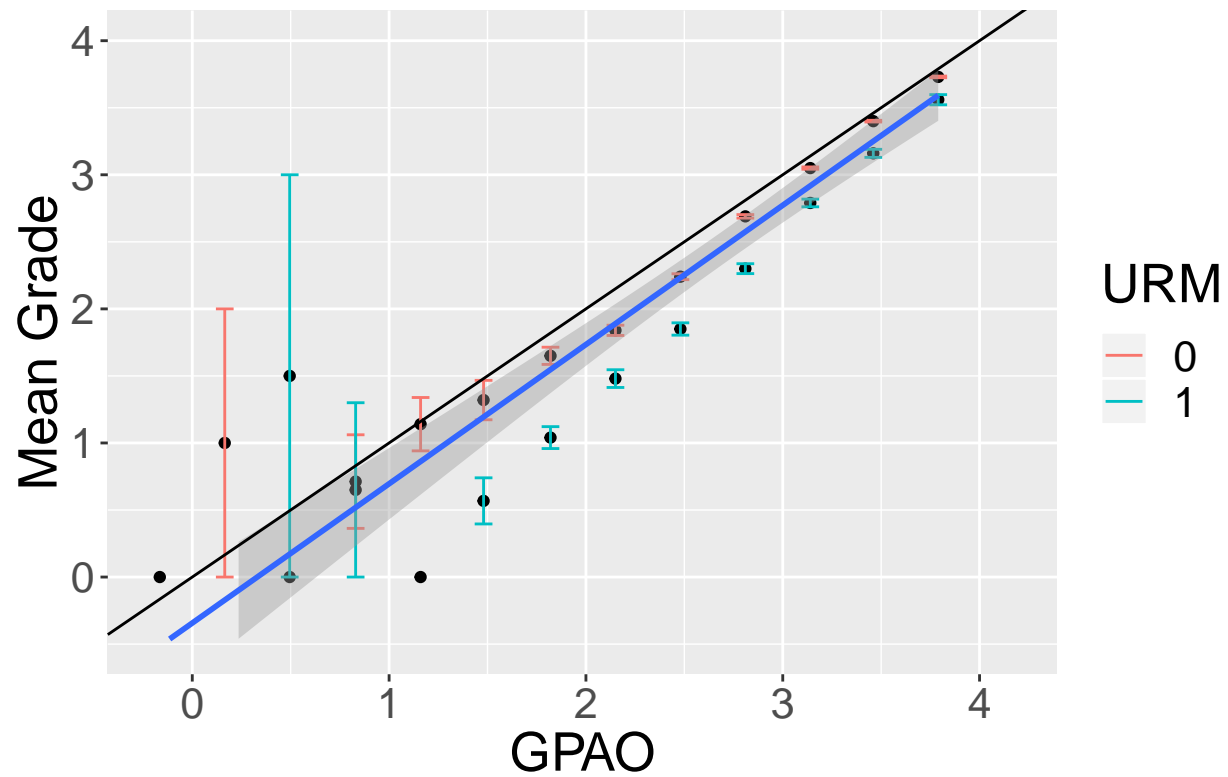
STATS250: GNDR



```
## Warning: Removed 3 rows containing missing values (geom_point).
```

```
## Warning: Removed 6 rows containing missing values (geom_errorbar).
```

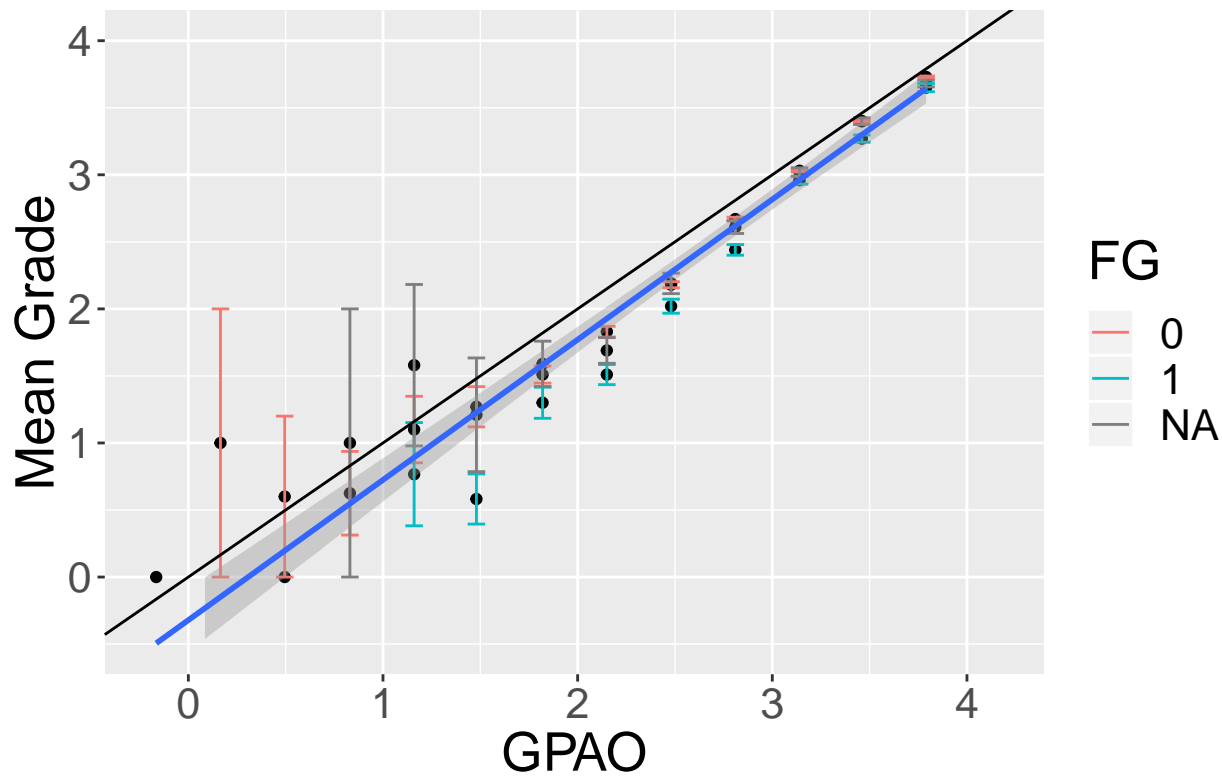
STATS250: URM



Warning: Removed 5 rows containing missing values (geom_point).

Warning: Removed 7 rows containing missing values (geom_errorbar).

STATS250: FIRST GEN



latex table generated in R 3.5.2 by xtable 1.8-3 package % Wed Jan 30 17:18:25 2019

	Estimate	Std..Error	t.value	Pr...t..
URM1	-0.177	0.027	-6.426	0.00000
FG1	0.007	0.026	0.284	0.77667
GENDER1	0.012	0.011	1.187	0.23526
URM1:FG1	0.032	0.060	0.533	0.59428
URM1:GENDER1	0.037	0.035	1.048	0.29467
FG1:GENDER1	-0.020	0.034	-0.585	0.55876
URM1:FG1:GENDER1	-0.099	0.075	-1.310	0.19027