

Lab_8

QRME Cohort!

11/10/2021

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Commit 1

schidkn	sex	frl	reg_size	reg_size_aid	small_size	white	black	other	totexp	tmathss	treadss
63	girl	no	0	0	1	1	0	0	7	473	447
20	girl	no	0	0	1	0	1	0	21	536	450
19	boy	yes	0	1	0	0	1	0	0	463	439
69	boy	no	1	0	0	1	0	0	16	559	448
79	boy	yes	0	0	1	1	0	0	5	489	447
5	boy	yes	1	0	0	1	0	0	8	454	431
16	girl	yes	0	1	0	0	1	0	17	423	395
56	girl	no	1	0	0	1	0	0	3	500	451
11	girl	no	0	0	1	0	1	0	11	439	478
66	girl	no	0	0	1	1	0	0	10	528	455

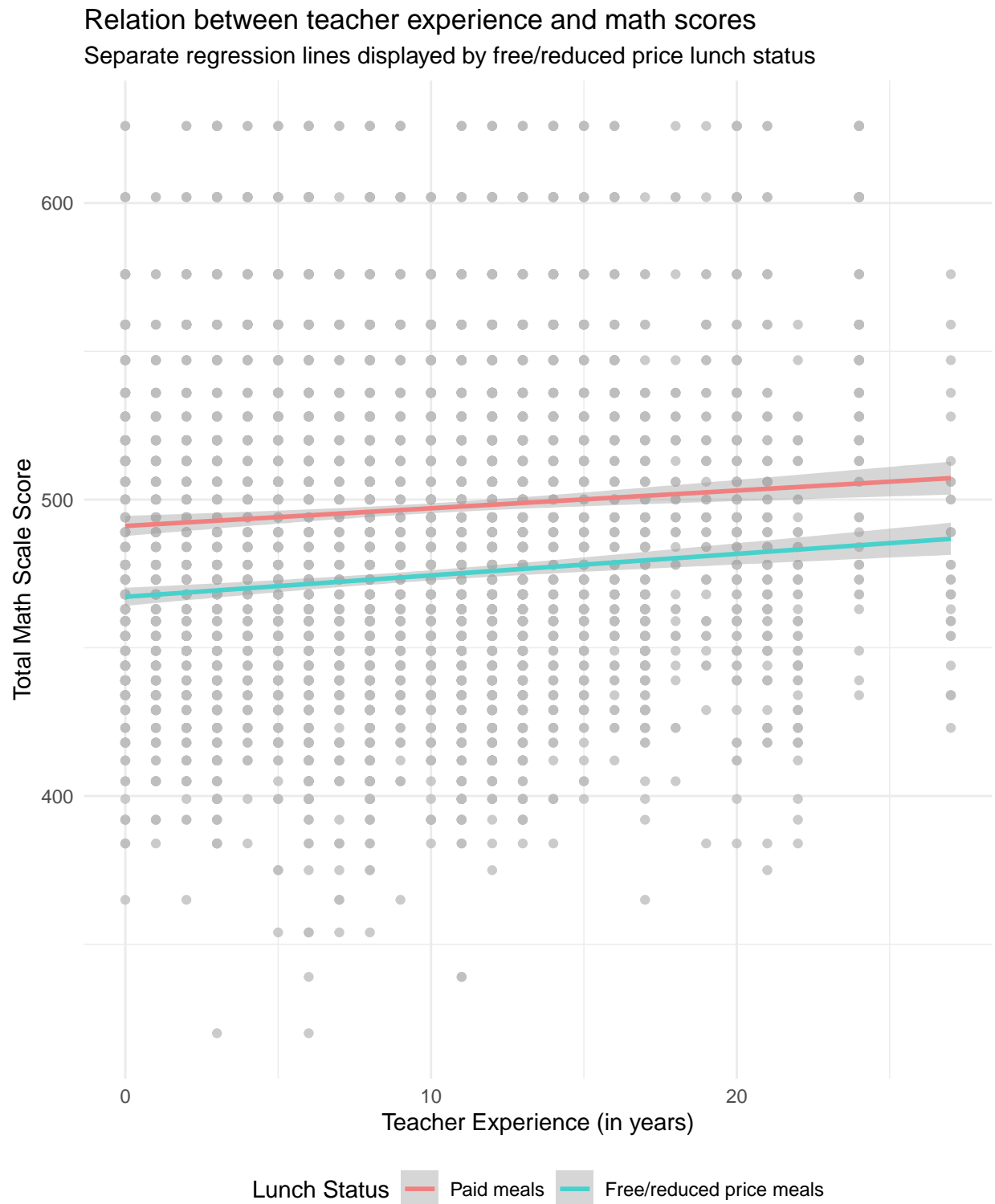
Commit 3

Summary statistics for students based on sex and free reduced lunch status

On average, students with free/reduced lunch status regardless of their sex performed lower than their peers.

sex	frl	math_mean	math_sd	rdg_mean	rdg_sd
boy	no	492.85	46.34	441.46	32.32
boy	yes	469.87	46.09	425.38	26.63
girl	no	501.21	45.96	448.54	34.52
girl	yes	477.51	46.30	430.80	27.42

Commit 4



Description:

1. Though the regression lines have a positive slope, it almost looks flat. We can say that teacher's experience doesn't have much affect on student's math scale scores.

2. Students with a lunch status of “Paid meals” score more than those on “Free/reduced price meals” status.