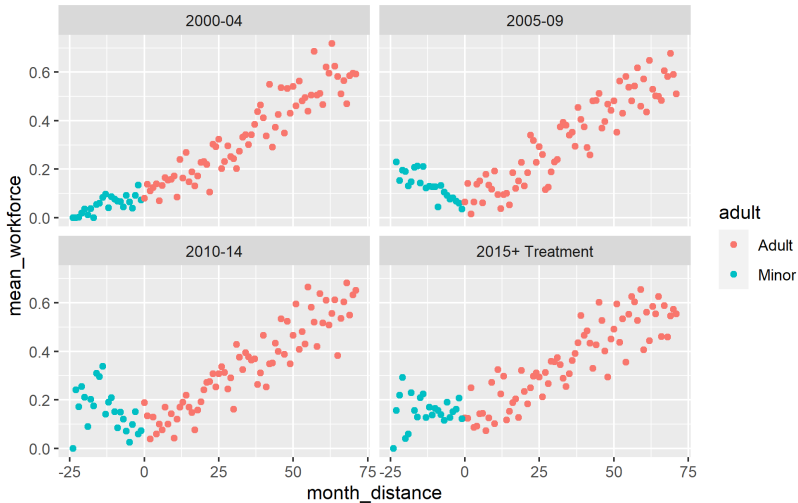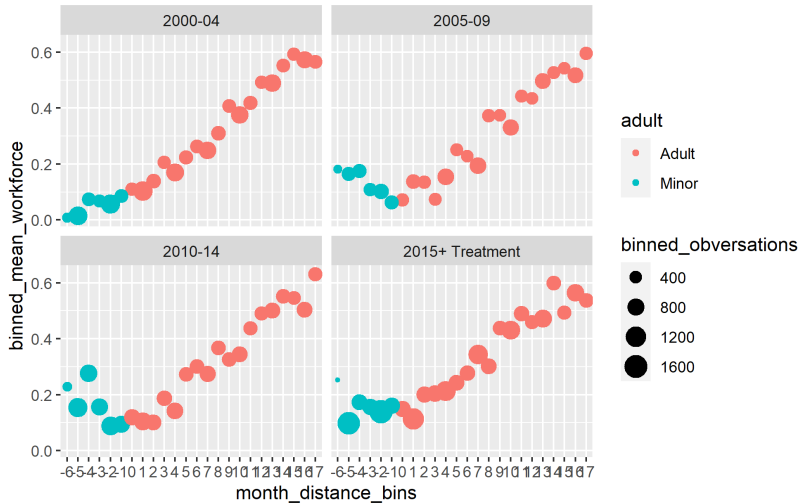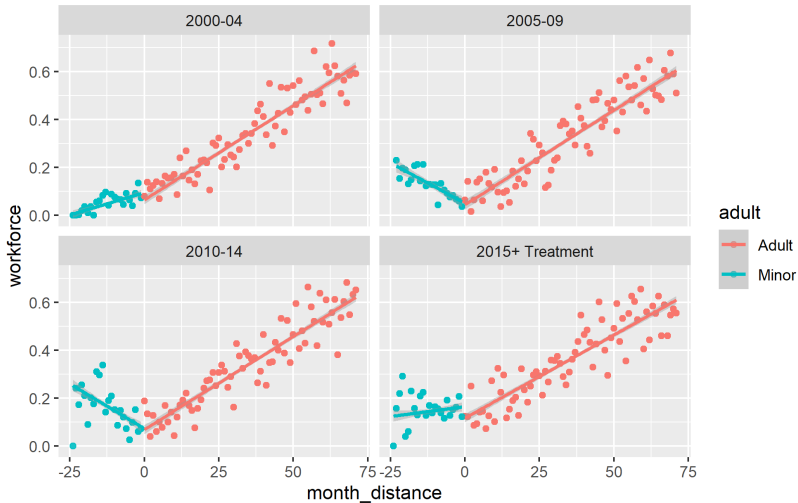# Beamer Template

TeXstudio Team

April 1, 2021

Frame Title
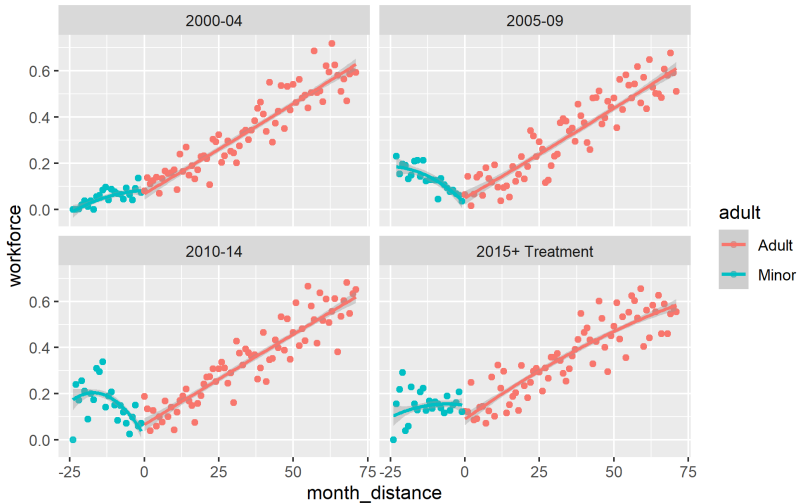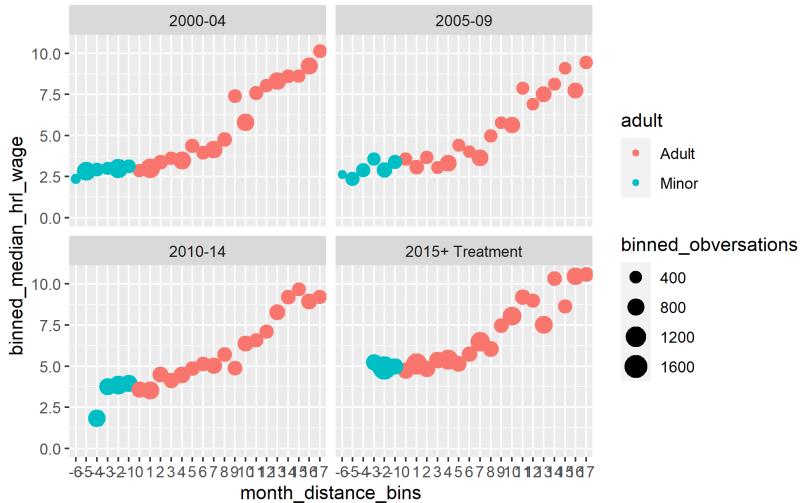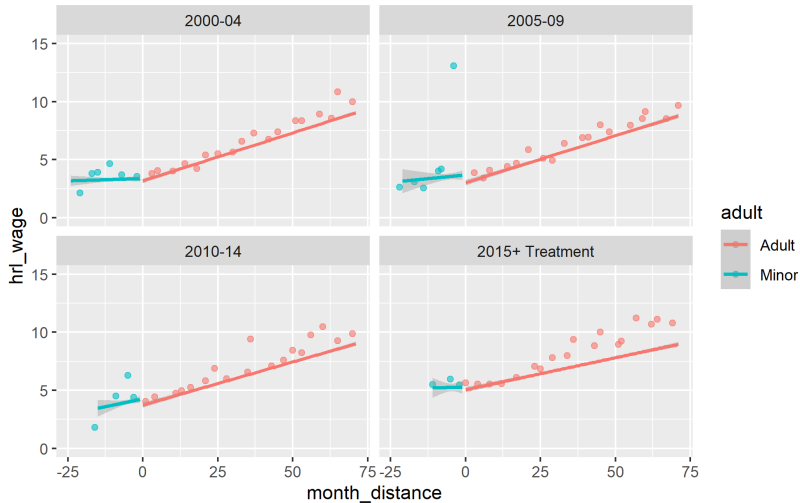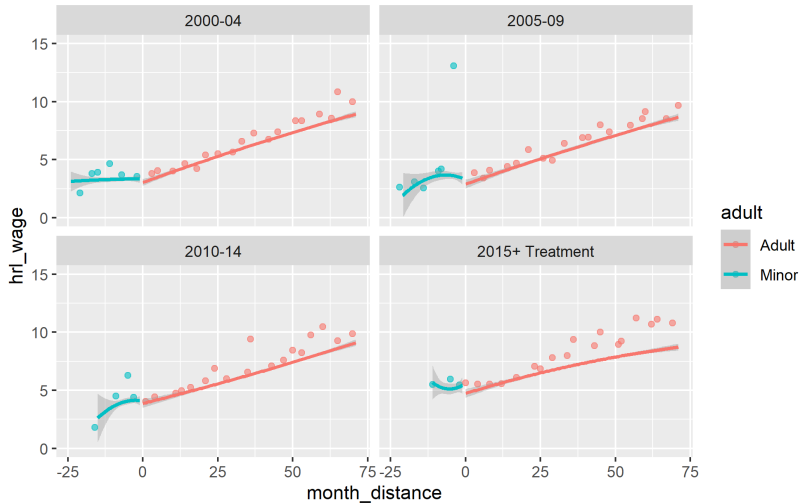
Table: F-Test for R-squared

	F	Pr(>F)
Linear Interaction Model	5.892	$3.65e - 17$
Quadratic Interaction Model	5.880	$4.07e - 17$

	Dependent variable:					
				workforce		
	linear interaction	linear interaction control	linear interaction covariates	linear interaction covariates control	quadratic interaction	quadratic interaction covariates
	(1)	(2)	(3)	(4)	(5)	(6)
month_distance	0.002	−0.007***	0.006*	−0.001	−0.002	0.008
	(0.001)	(0.001)	(0.003)	(0.003)	(0.005)	(0.012)
adult_dummy	−0.047***	−0.004	−0.017	0.023	−0.059**	−0.073
	(0.018)	(0.018)	(0.034)	(0.036)	(0.029)	(0.054)
dist_x_adult	0.005***	0.015***	0.0004	0.008**	0.011**	0.003
	(0.001)	(0.001)	(0.003)	(0.003)	(0.005)	(0.012)
migback			0.009	−0.019***		0.009
			(0.006)	(0.007)		(0.006)
pgbilzeit			0.038***	0.046***		0.037***
			(0.003)	(0.004)		(0.003)
pgpsbil			−0.063***	−0.096***		−0.064***
			(0.004)	(0.005)		(0.004)
month_distance_sq					−0.0002	0.0001
					(0.0002)	(0.001)
dist_sq_x_adult					0.0001	−0.0001
					(0.0002)	(0.001)
Constant	0.164***	0.073***	−0.100**	−0.183***	0.149***	−0.089
	(0.016)	(0.016)	(0.043)	(0.048)	(0.026)	(0.058)
Observations	19,314	15,859	9,676	8,259	19,314	9,676
R^2	0.112	0.125	0.125	0.165	0.112	0.126
Adjusted R^2	0.111	0.125	0.124	0.164	0.112	0.126
Residual Std. Error	17.481 (df = 15997)	20.530 (df = 14135)	18.294 (df = 9513)	22.128 (df = 7986)	17.477 (df = 15995)	18.281 (df = 9511)
F Statistic	670.106*** (df = 3; 15997)	673.194*** (df = 3; 14135)	226.440*** (df = 6; 9513)	262.178*** (df = 6; 7986)	404.121*** (df = 5; 15995)	172.006*** (df = 8; 9511)

Note: *p<0.1; **p<0.05; ***p<0.01

Table: Global parametric spec on unemployment rate

	Dependent variable:					
				unemployed		
	linear interaction	linear interaction control	linear interaction covariates	linear interaction covariates control	quadratic interaction	quadratic interaction covariates
	(1)	(2)	(3)	(4)	(5)	(6)
month_distance	0.0001	0.001	−0.002	0.001	−0.003	0.005
	(0.001)	(0.001)	(0.002)	(0.002)	(0.003)	(0.006)
adult_dummy	0.006	0.018**	0.033**	0.039**	0.018	0.005
	(0.008)	(0.008)	(0.016)	(0.017)	(0.014)	(0.025)
dist_x_adult	0.0004	−0.0003	0.003	−0.00000	0.004	−0.004
	(0.001)	(0.001)	(0.002)	(0.002)	(0.003)	(0.006)
migback			0.003	0.001		0.003
			(0.003)	(0.003)		(0.003)
pgbilzeit			−0.020***	−0.031***		−0.020***
			(0.001)	(0.002)		(0.001)
pgpsbil			−0.010***	0.007***		−0.010***
			(0.002)	(0.002)		(0.002)
month_distance_sq					−0.0001	0.0004
					(0.0001)	(0.0003)
dist_sq_x_adult					0.0001	−0.0003
					(0.0001)	(0.0003)
Constant	0.024***	0.018**	0.244***	0.314***	0.012	0.268***
	(0.008)	(0.007)	(0.020)	(0.023)	(0.012)	(0.027)
Observations	15,366	14,363	9,670	8,258	15,366	9,670
R²	0.004	0.006	0.043	0.048	0.004	0.044
Adjusted R²	0.004	0.006	0.043	0.047	0.004	0.043
Residual Std. Error	8.210 (df = 15126)	9.144 (df = 13941)	8.641 (df = 9507)	10.532 (df = 7985)	8.210 (df = 15124)	8.641 (df = 9505)
F Statistic	22.262*** (df = 3; 15126)	28.776*** (df = 3; 13941)	72.018*** (df = 6; 9507)	66.986*** (df = 6; 7985)	13.673*** (df = 5; 15124)	54.269*** (df = 8; 9505)

Note: *p<0.1; **p<0.05; ***p<0.01

Table: Global parametric spec on hourly wage

				Dependent variable:		
				hrl_wage		
	linear interaction	linear interaction control	linear interaction covariates	linear interaction covariates control	quadratic interaction	quadratic interaction covariates
	(1)	(2)	(3)	(4)	(5)	(6)
month_distance	−0.014	0.002	−0.137	0.016	−0.114	−0.513
	(0.164)	(0.155)	(0.205)	(0.138)	(0.610)	(0.772)
adult_dummy	−0.739	−1.045	0.115	−1.814**	−0.845	0.532
	(0.895)	(0.885)	(1.164)	(0.777)	(1.434)	(1.881)
dist_x_adult	0.109	0.088	0.223	0.063	0.230	0.621
	(0.164)	(0.155)	(0.205)	(0.138)	(0.611)	(0.773)
migback			0.249**	−0.080		0.249**
			(0.121)	(0.115)		(0.121)
pgbilzeit			0.659***	0.938***		0.656***
			(0.062)	(0.063)		(0.062)
pgpsbil			−0.951***	−1.105***		−0.953***
			(0.090)	(0.086)		(0.090)
month_distance_sq					−0.010	−0.036
					(0.058)	(0.071)
dist_sq_x_adult					0.009	0.036
					(0.058)	(0.071)
Constant	5.619***	5.077***	−0.206	−1.737*	5.433***	−0.911
	(0.872)	(0.853)	(1.280)	(0.948)	(1.397)	(1.943)
Observations	4,898	4,984	3,754	3,973	4,898	3,754
R²	0.091	0.063	0.127	0.176	0.091	0.127
Adjusted R²	0.091	0.062	0.126	0.175	0.090	0.126
Residual Std. Error	275.240 (df = 4790)	356.240 (df = 4821)	263.533 (df = 3667)	260.526 (df = 3835)	275.259 (df = 4788)	263.554 (df = 3665)
F Statistic	160.015*** (df = 3; 4790)	107.748*** (df = 3; 4821)	88.984*** (df = 6; 3667)	136.859*** (df = 6; 3835)	96.260*** (df = 5; 4788)	66.906*** (df = 8; 3665)

Note: *p<0.1; **p<0.05; ***p<0.01

	Dependent variable:		
	workforce	unemployed	hrl_wage
	(1)	(2)	(3)
month_distance	0.002	0.0001	−0.014
	(0.001)	(0.001)	(0.164)
adult_dummy	−0.047***	0.006	−0.739
	(0.018)	(0.008)	(0.895)
dist_x_adult	0.005***	0.0004	0.109
	(0.001)	(0.001)	(0.164)
Constant	0.164***	0.024***	5.619***
	(0.016)	(0.008)	(0.872)
Observations	19,314	15,366	4,898
R^2	0.112	0.004	0.091
Adjusted R^2	0.111	0.004	0.091
Residual Std. Error	17.481 (df = 15997)	8.210 (df = 15126)	275.240 (df = 4790)
F Statistic	670.106*** (df = 3; 15997)	22.262*** (df = 3; 15126)	160.015*** (df = 3; 4790)

Note:	*p<0.1; **p<0.05; ***p<0.01

Table: robustness to trimming sample

	workforce		unemployed		hrl_wage	
	Dependent variable:					
	excluding 10	excluding 20	excluding 10	excluding 20	excluding 10	excluding 20
	(1)	(2)	(3)	(4)	(5)	(6)
month_distance	0.006	0.011	−0.002	−0.004	−0.114	−0.114
	(0.007)	(0.010)	(0.003)	(0.005)	(0.606)	(0.540)
adult_dummy	−0.068**	−0.067*	0.010	0.020	−0.638	−0.691
	(0.032)	(0.036)	(0.015)	(0.016)	(1.429)	(1.277)
dist_x_adult	0.002	−0.005	0.003	0.005	0.209	0.214
	(0.007)	(0.010)	(0.003)	(0.005)	(0.606)	(0.540)
month_distance_sq	0.0004	0.001	−0.0001	−0.0003	−0.010	−0.010
	(0.0004)	(0.001)	(0.0002)	(0.0003)	(0.057)	(0.051)
dist_sq_x_adult	−0.0004	−0.001	0.0001	0.0003	0.010	0.010
	(0.0004)	(0.001)	(0.0002)	(0.0003)	(0.057)	(0.051)
Constant	0.169***	0.180***	0.015	0.009	5.433***	5.433***
	(0.029)	(0.034)	(0.013)	(0.015)	(1.387)	(1.236)
Observations	16,612	15,282	14,067	12,740	4,435	4,048
R^2	0.096	0.089	0.003	0.003	0.083	0.085
Adjusted R^2	0.096	0.088	0.003	0.003	0.082	0.084
Residual Std. Error	17.608 (df = 13905)	17.275 (df = 12593)	7.998 (df = 13843)	7.914 (df = 12534)	273.373 (df = 4334)	243.566 (df = 3954)
F Statistic	296.011*** (df = 5; 13905)	244.716*** (df = 5; 12593)	8.506*** (df = 5; 13843)	8.653*** (df = 5; 12534)	78.884*** (df = 5; 4334)	73.894*** (df = 5; 3954)

Note: *p<0.1; **p<0.05; ***p<0.01