Online Appendix for "The determinants of the differential exposure to COVID-19 in New York City and their evolution over time"

Milena Almagro[*]   Angelo Orane-Hutchinson[†]

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A   Summary statistics

Table 1 presents the summary statistics of all the variables that are used in our analysis.

Table 1: Summary statistics

Variable	Mean	Std. Dev.	p10	Median	p90
Share of positive tests	0.563	0.085	0.438	0.583	0.645
Tests per Capita	0.018	0.006	0.012	0.017	0.026
Median Income (in 000's)	68.604	31.878	34.122	62.202	115.084
Share $\geq 20, \leq 40$	0.323	0.084	0.246	0.308	0.433
Share $\geq 40, \leq 60$	0.258	0.033	0.220	0.261	0.296
Share ≥ 60	0.200	0.079	0.132	0.190	0.276
Share Male	0.477	0.029	0.446	0.479	0.508
Household Size	2.683	0.537	1.930	2.750	3.300
% Black	0.200	0.240	0.010	0.076	0.600
% Hispanic	0.263	0.195	0.078	0.189	0.634
% Asian	0.144	0.139	0.017	0.094	0.335
Density (in 000's)	43.380	31.045	10.784	36.639	90.075
% Public Transport	0.532	0.150	0.312	0.543	0.712
Commuting Time (in mins)	40.647	7.054	27.200	42.100	48.100
% Uninsured	0.089	0.043	0.042	0.084	0.143
% Essential - Professional	0.126	0.089	0.046	0.092	0.285
% Essential - Service	0.065	0.033	0.035	0.060	0.107
% Essential - Technical	0.014	0.009	0.004	0.013	0.022
% Health practitioners	0.029	0.018	0.009	0.026	0.050
% Other health	0.038	0.024	0.010	0.035	0.073
% Firefighting	0.012	0.009	0.003	0.012	0.023
% Law enforcement	0.007	0.007	0.001	0.006	0.014
% Ind. and Construction	0.054	0.027	0.014	0.056	0.090
% Transportation	0.029	0.016	0.004	0.032	0.048
% Non ess. - Professional	0.279	0.075	0.195	0.271	0.359
% Science fields	0.006	0.007	0.001	0.004	0.015
% Law and related	0.018	0.026	0.003	0.008	0.049
% Non ess. - Service	0.032	0.013	0.016	0.032	0.047

[*]Department of Economics, New York University. Email: m.almagro@nyu.edu

[†]Department of Economics, New York University. Email: aoh227@nyu.edu

B   Daily evolution

The following graphs show the daily evolution of all the coefficients for specification (3).
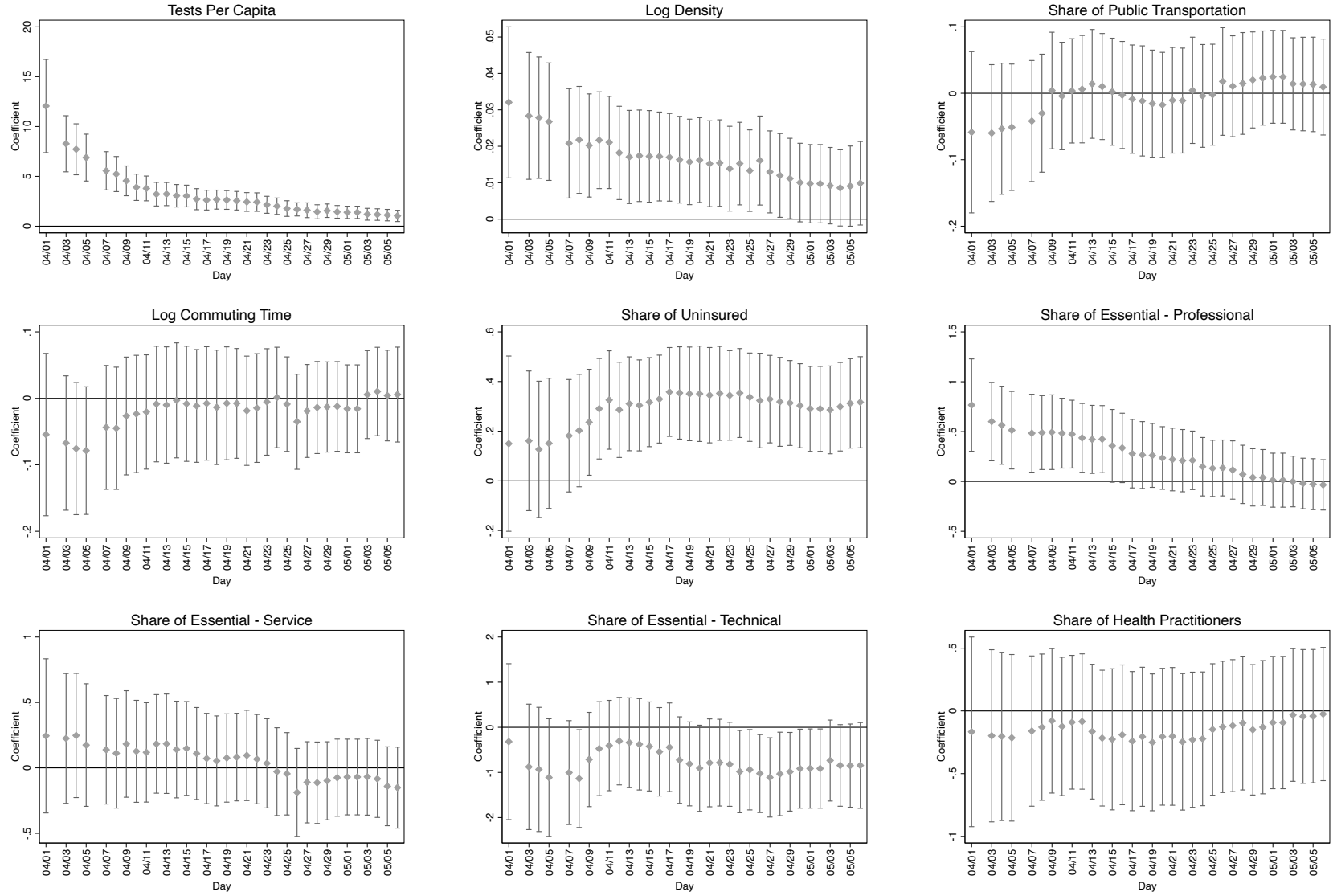
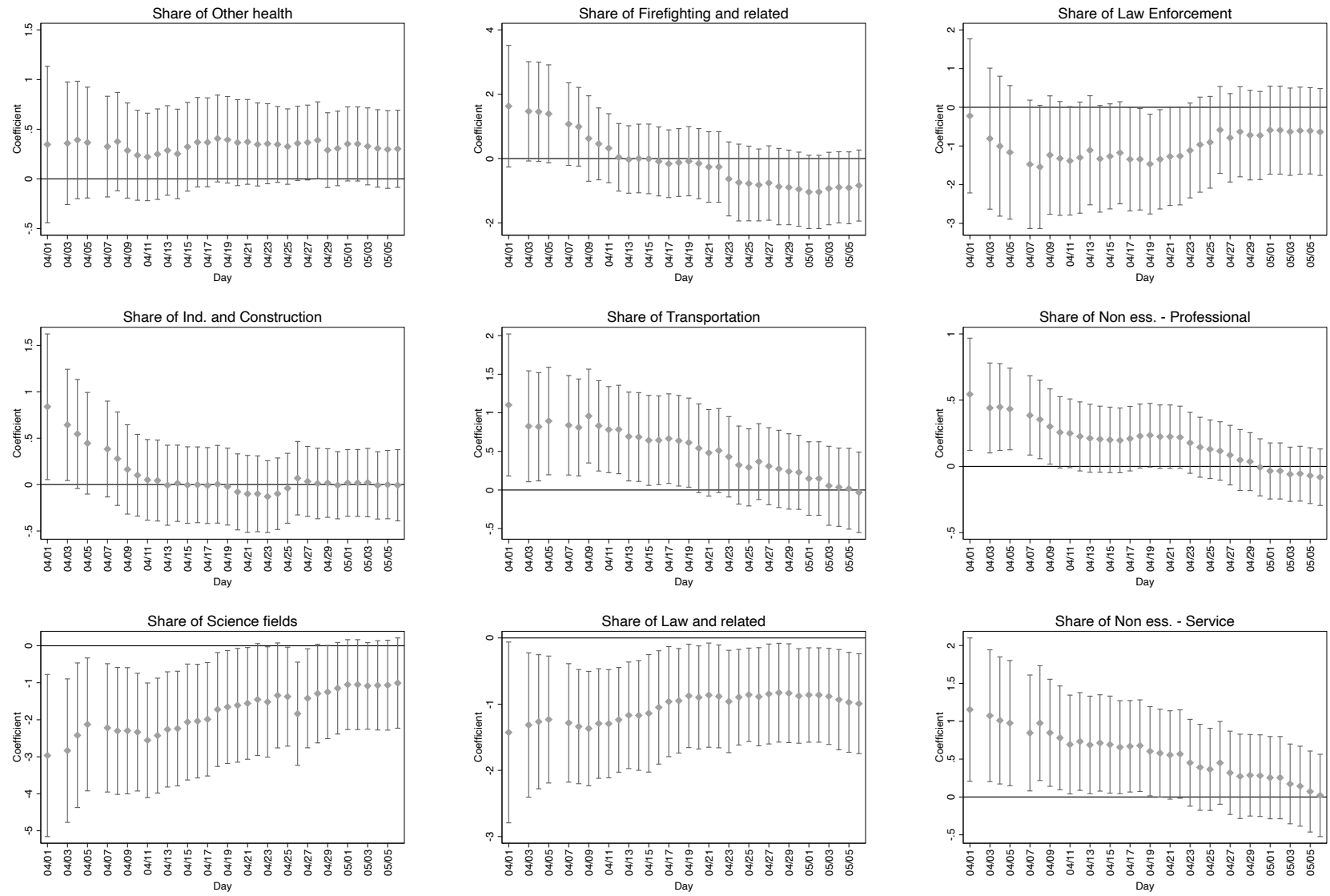Figure 1: Regression coefficients of specification (4) over time

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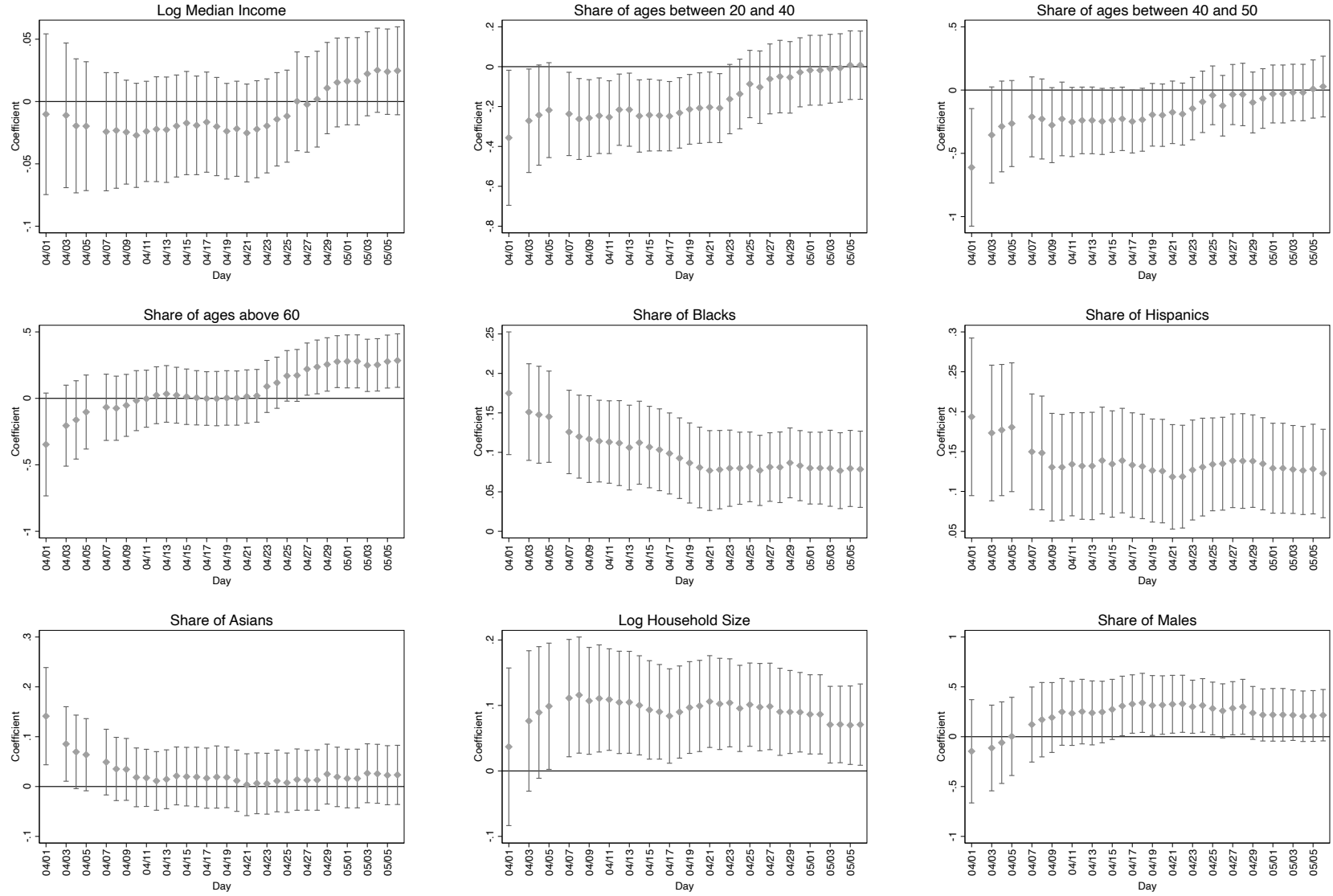Figure 2: Regression coefficients of specification (4) over time

Figure 3: Regression coefficients of specification (4) over time