

Supplemental Tables and Figures

Presents various alternative specifications. Demonstrates robustness of paper's main results.

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1 Various Management Definitions

This section will demonstrate the overall results are robust to three alternative definitions of management. That is, the set of publications that constitute management knowledge for our purposes are

1. All-Management: The definition from the main paper
2. NoT-Management: Excludes management publications classified within the T-series (technology)
3. NoOA-Management: Excludes office automation publications

Note that two definitions of technology publications are also employed. First, **Tech+OA-T**, which includes all technology publications, plus office automation publication, but excludes management publications within the T-series classification. Second, **Tech-C-T**, which includes all technology publications, but excludes computers and T-series publications. The default technology definition in the main paper is the Tech+OA-T measure. The Tech-C-T measure is found in many of the supplemental figures and all results are robust to this alternative definition.

Figure 1: Bivariate: IRFs, Positive Management Shock
Ordering: Management, Other

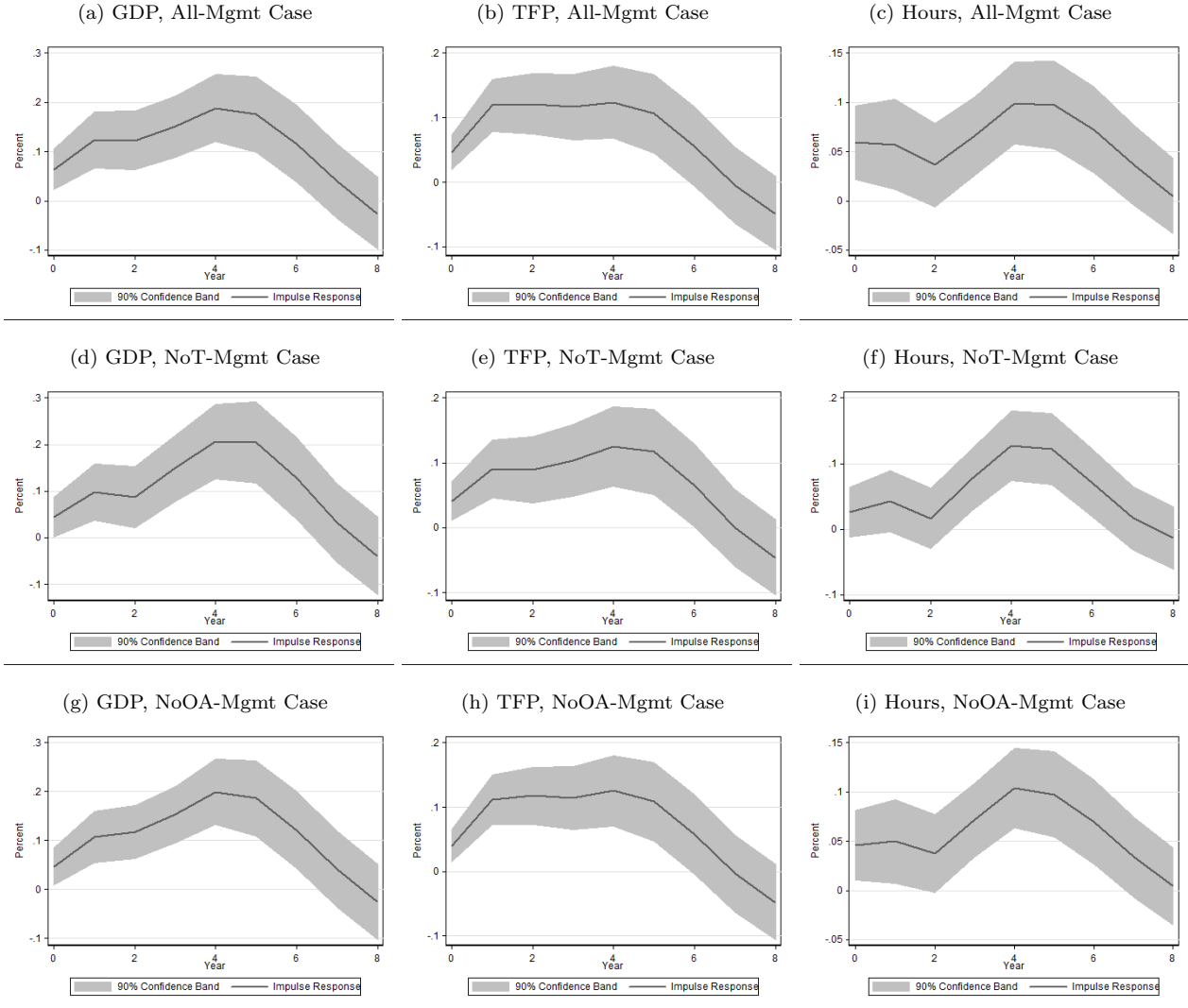


Figure 2: Bivariate: IRFs, Positive Management Shock
Ordering: Other, Management

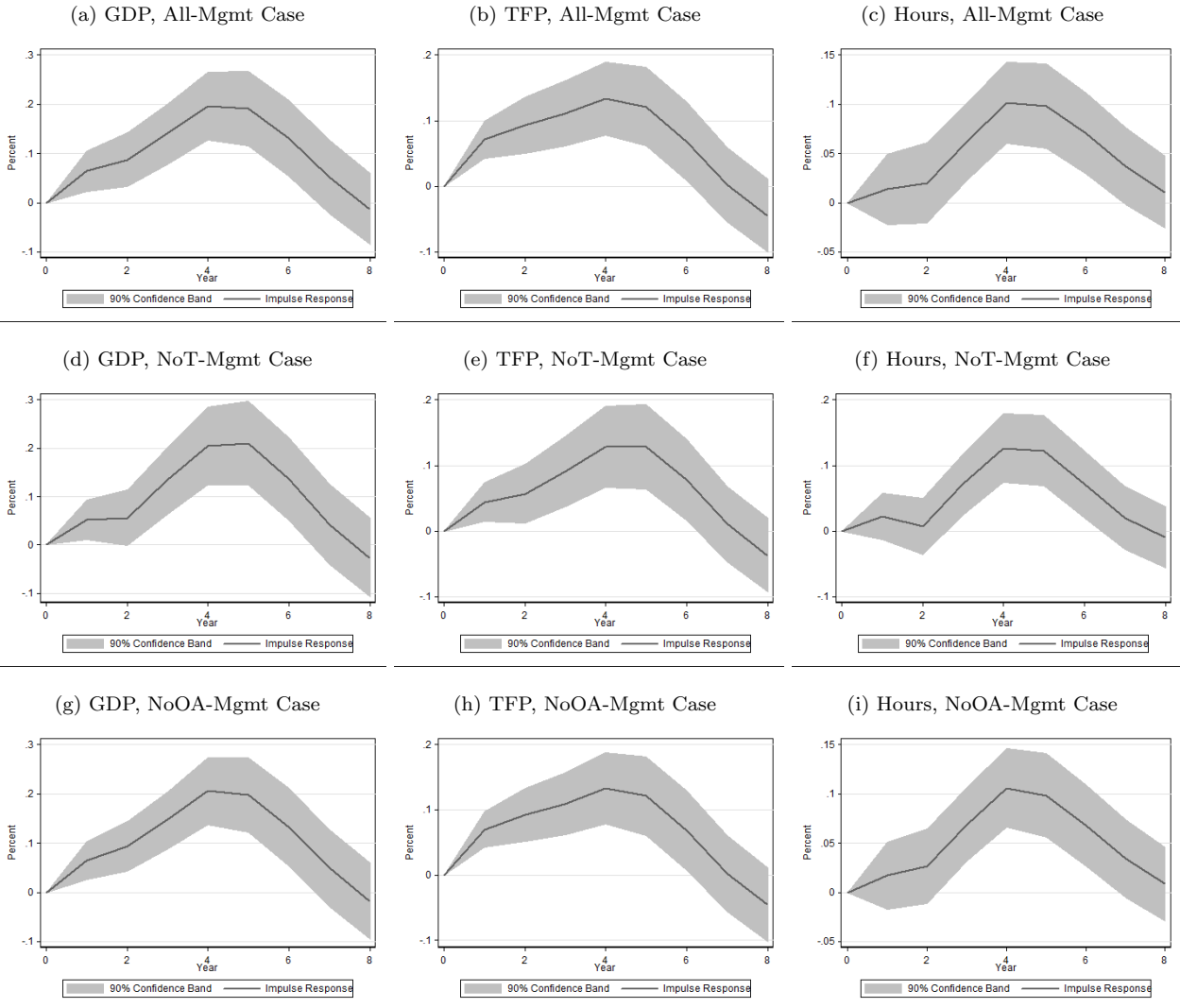


Figure 3: Trivariate: IRFs, Positive Management Shock
Ordering: Management, Other, Technology (Tech+OA-T)

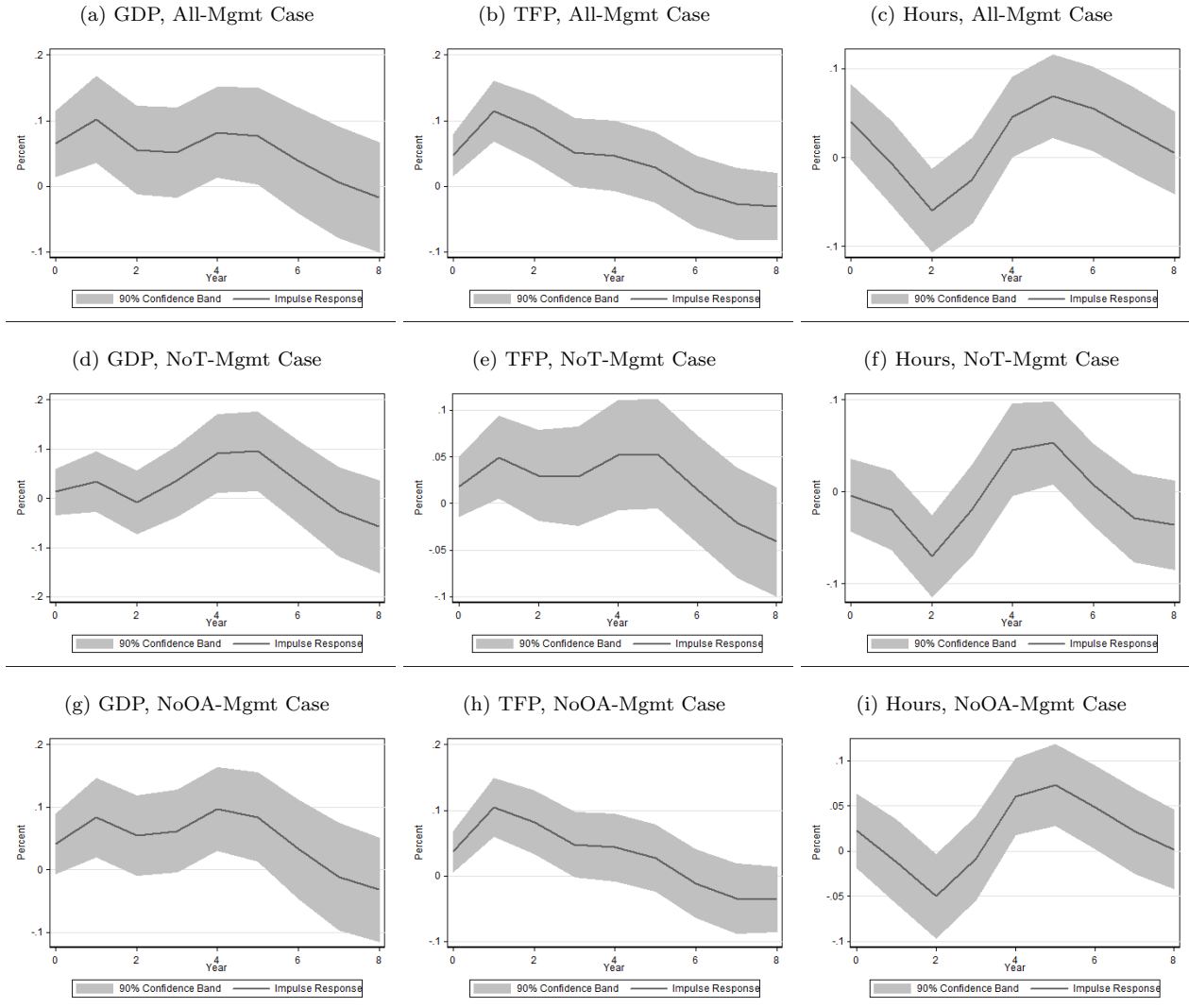


Figure 4: Trivariate: IRFs, Positive Technology Shock
Ordering: Management, Other, Technology (Tech+OA-T)

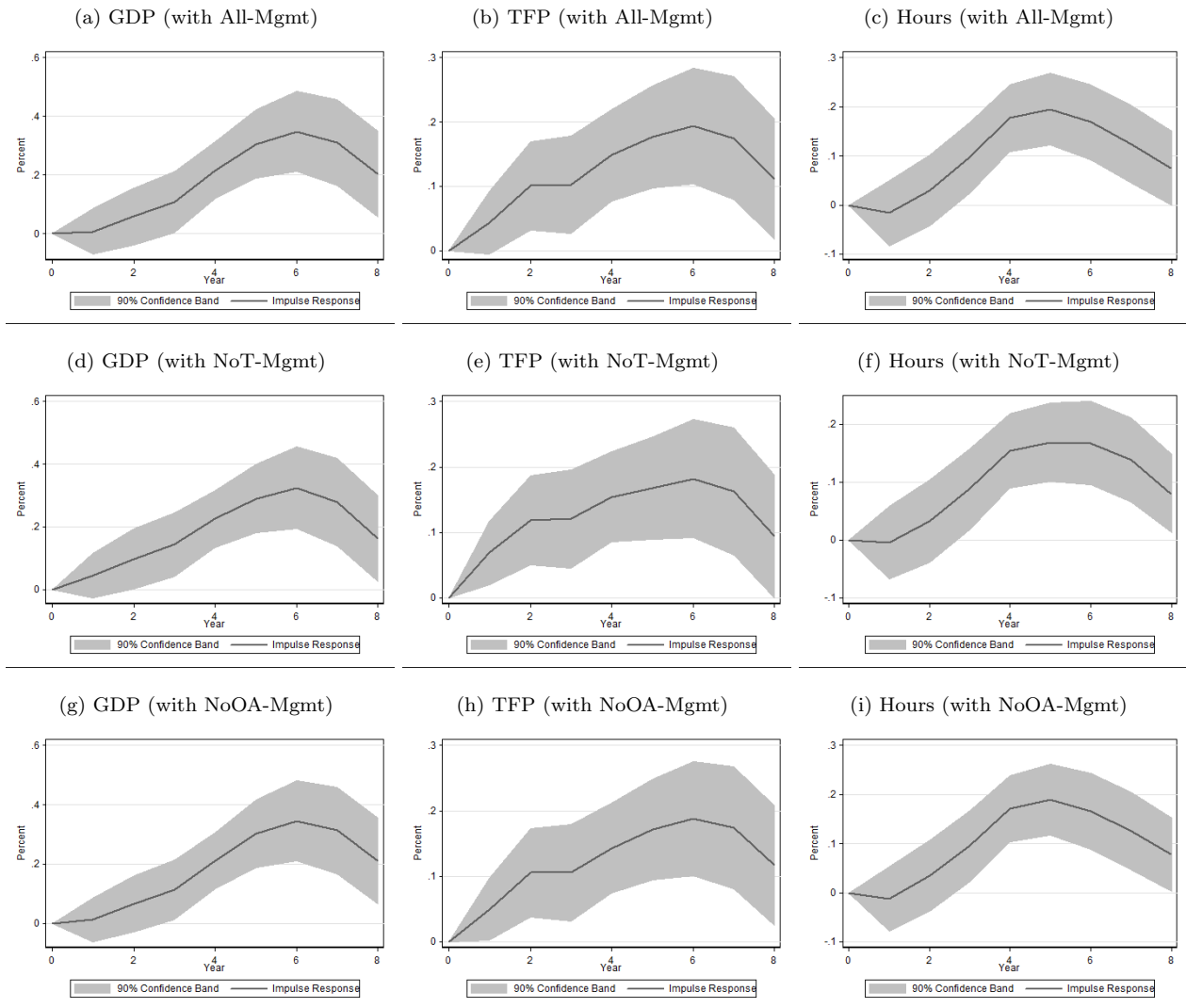


Figure 5: Trivariate: IRFs, Positive Management Shock
Ordering: Management, Other, Technology (Tech-C-T)

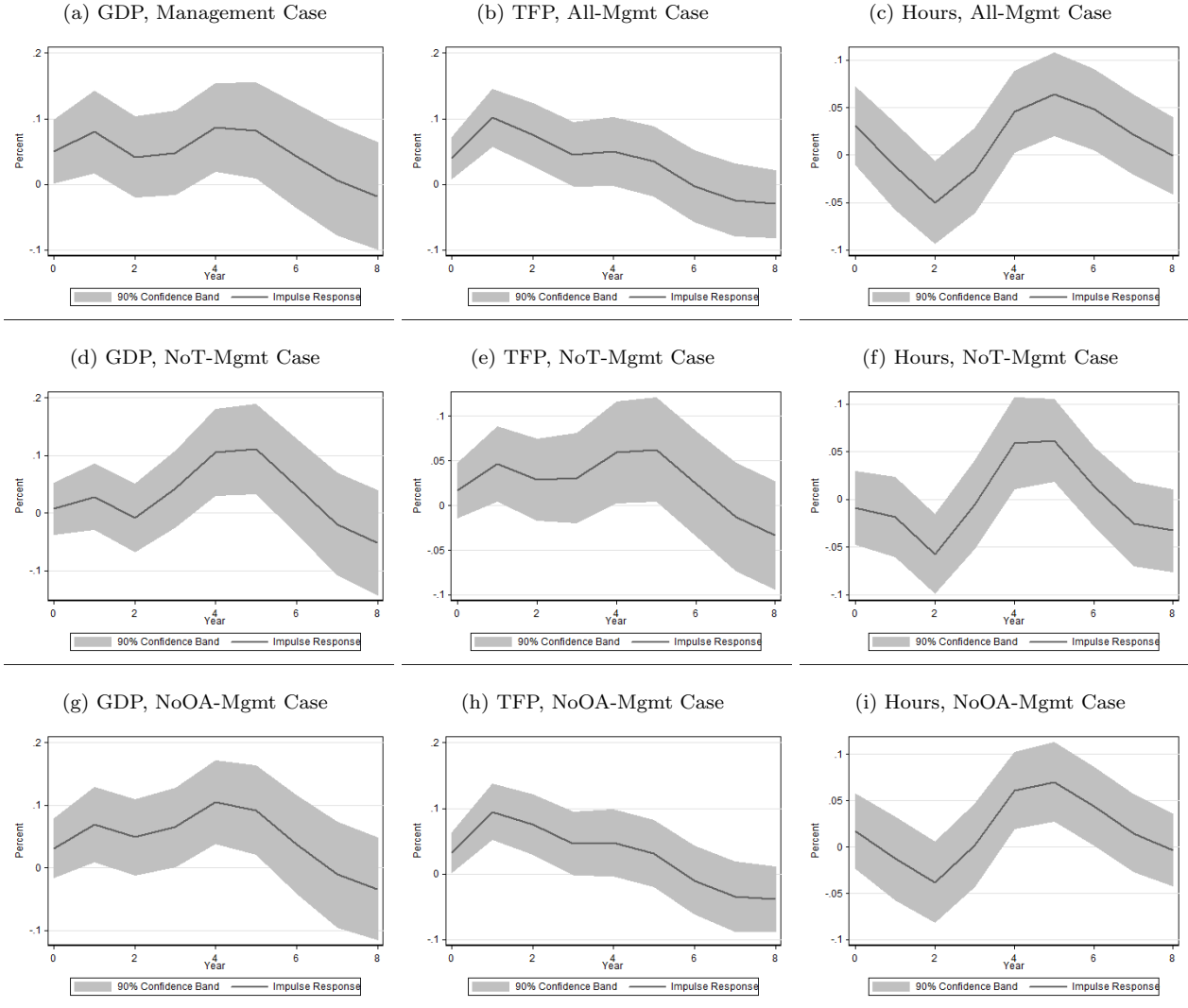


Figure 6: Trivariate: IRFs, Positive Technology Shock
Ordering: Management, Other, Technology (Tech-C-T)

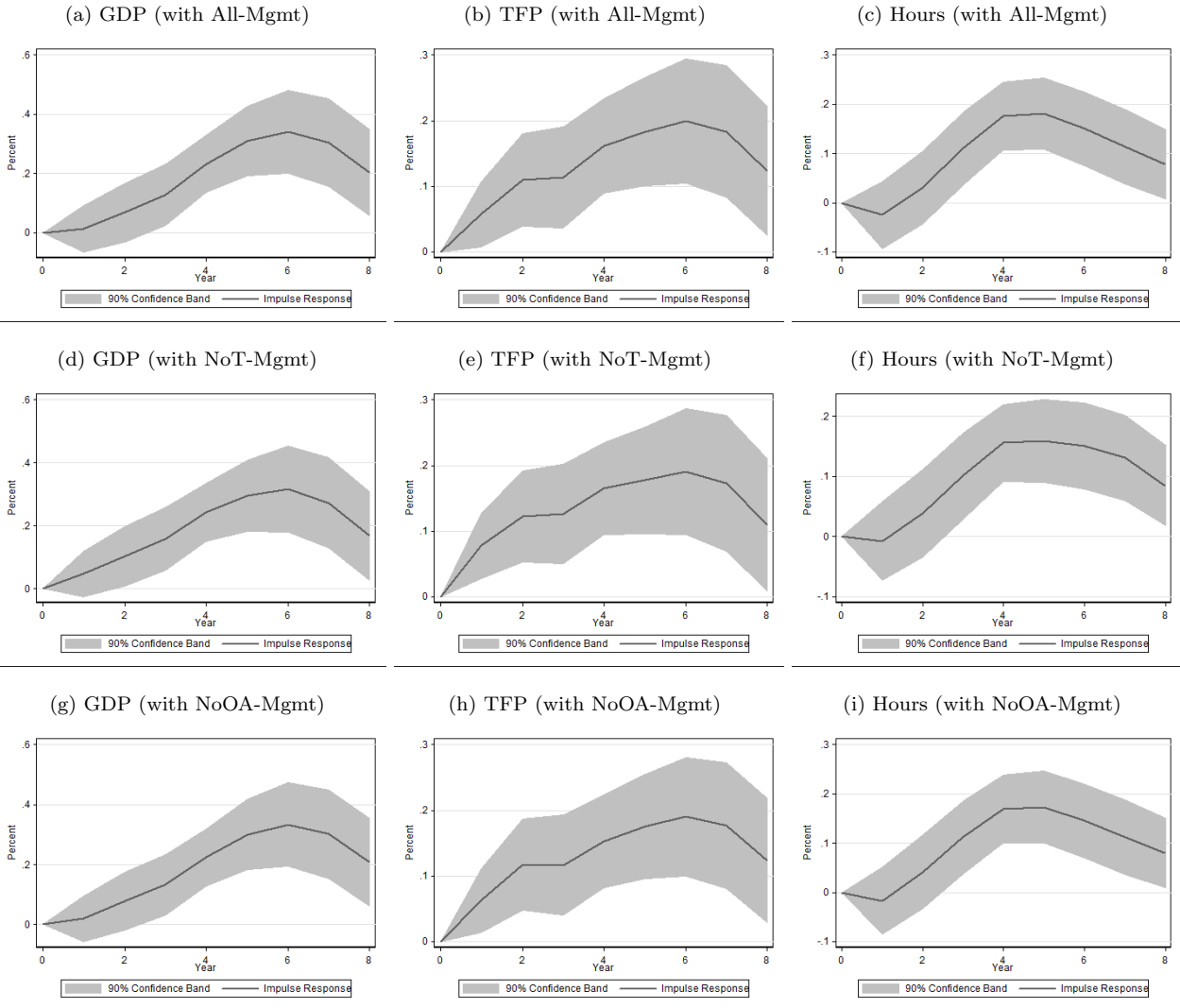


Figure 7: Multivariate: IRFs, Positive Management Shock
Ordering: Management, Other, Technology (Tech-C-T)

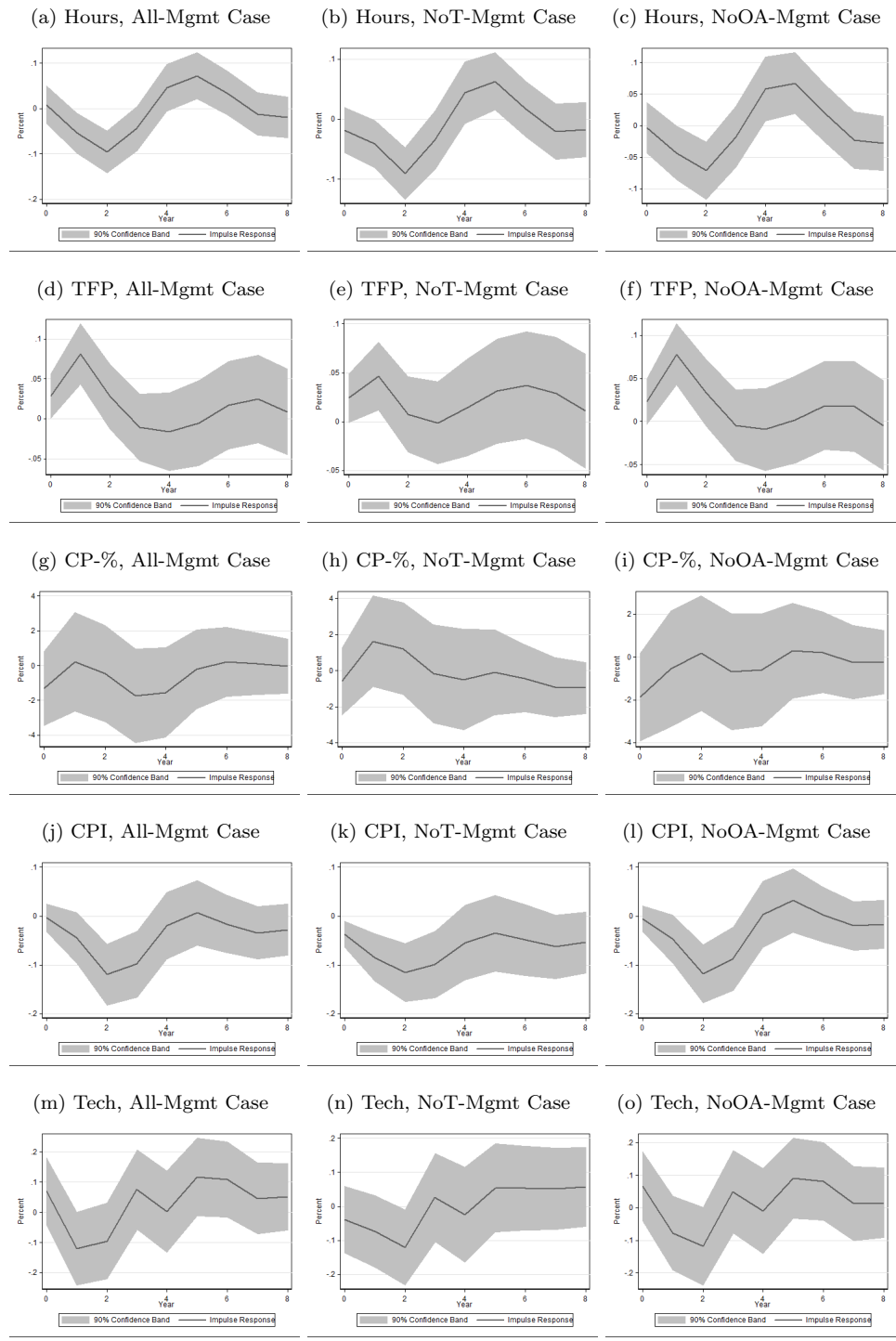
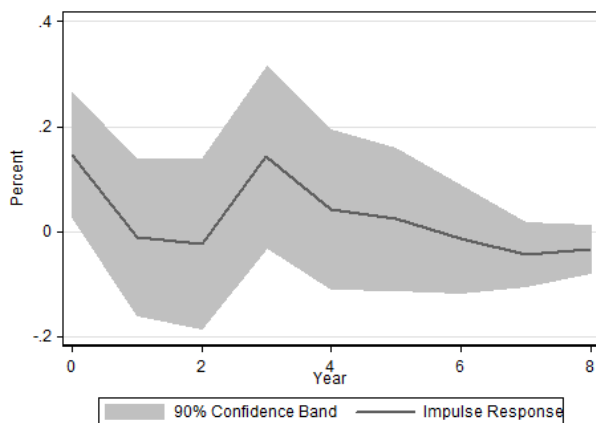
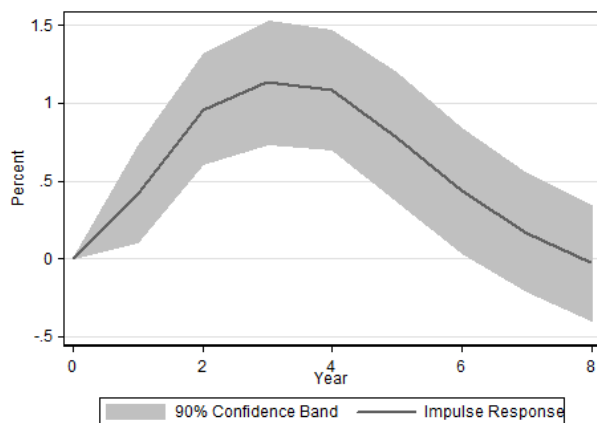


Figure 8: IRFs, Management vs. Technology Shocks
Ordering: Mgmt, GDP (when included), Tech (Tech-C-T)

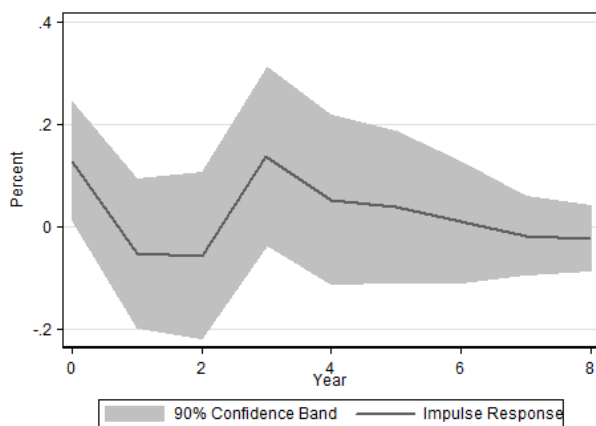
(a) Tech. Response, All-Mgmt Shock



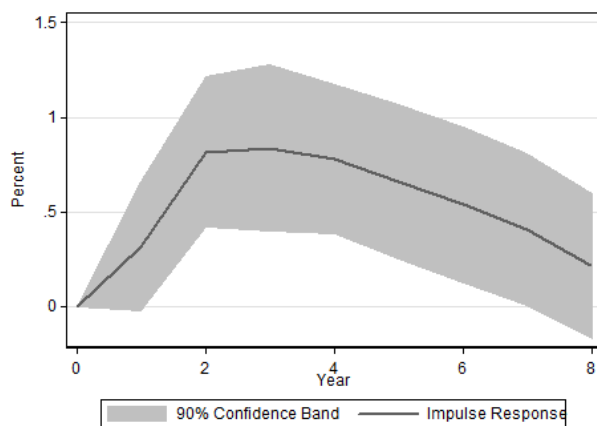
(b) All-Mgmt Response, Tech. Shock



(c) Tech. Response, All-Mgmt Shock, w/ GDP



(d) All-Mgmt Response, Tech. Shock, w/ GDP



2 Normalizations

To ensure main results are not confounded by trends in overall book publishing industry, we perform two separate normalizations. First, we deflate the stock of management publications by the stock of children's books in the same period. Then, our second normalization is with the stock of fiction titles. Only the main results of the paper associated with the default management definitions are reproduced here.

Figure 9: IRFs, Positive Management Shock, Children's Book Normalization
Ordering: Management, Other

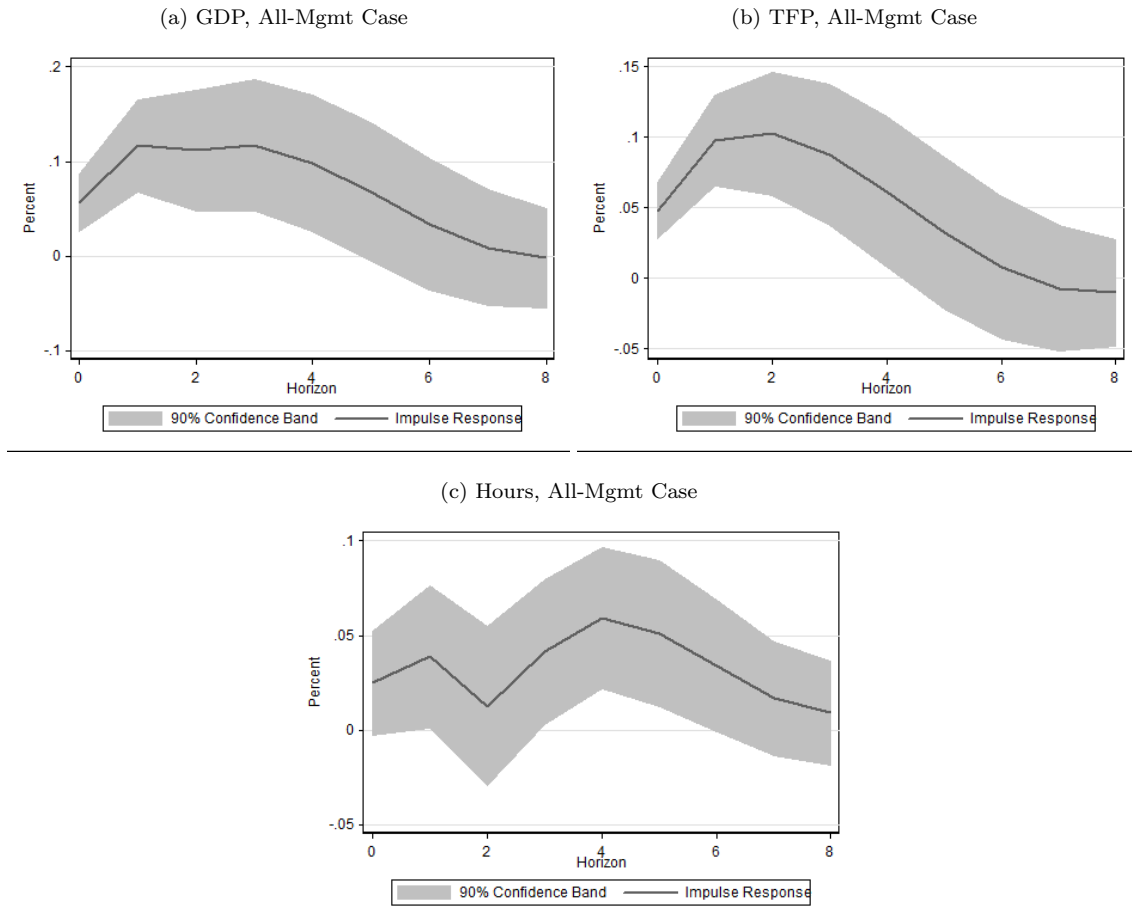
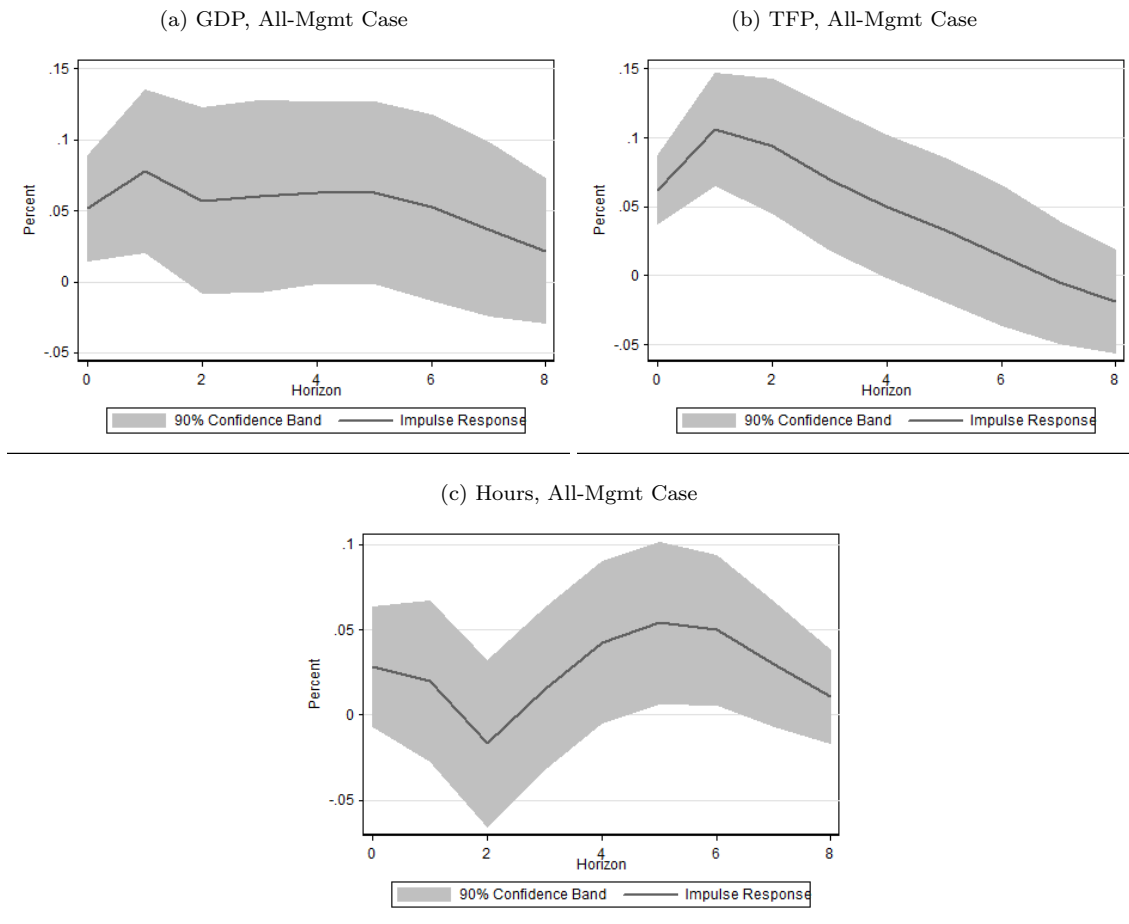


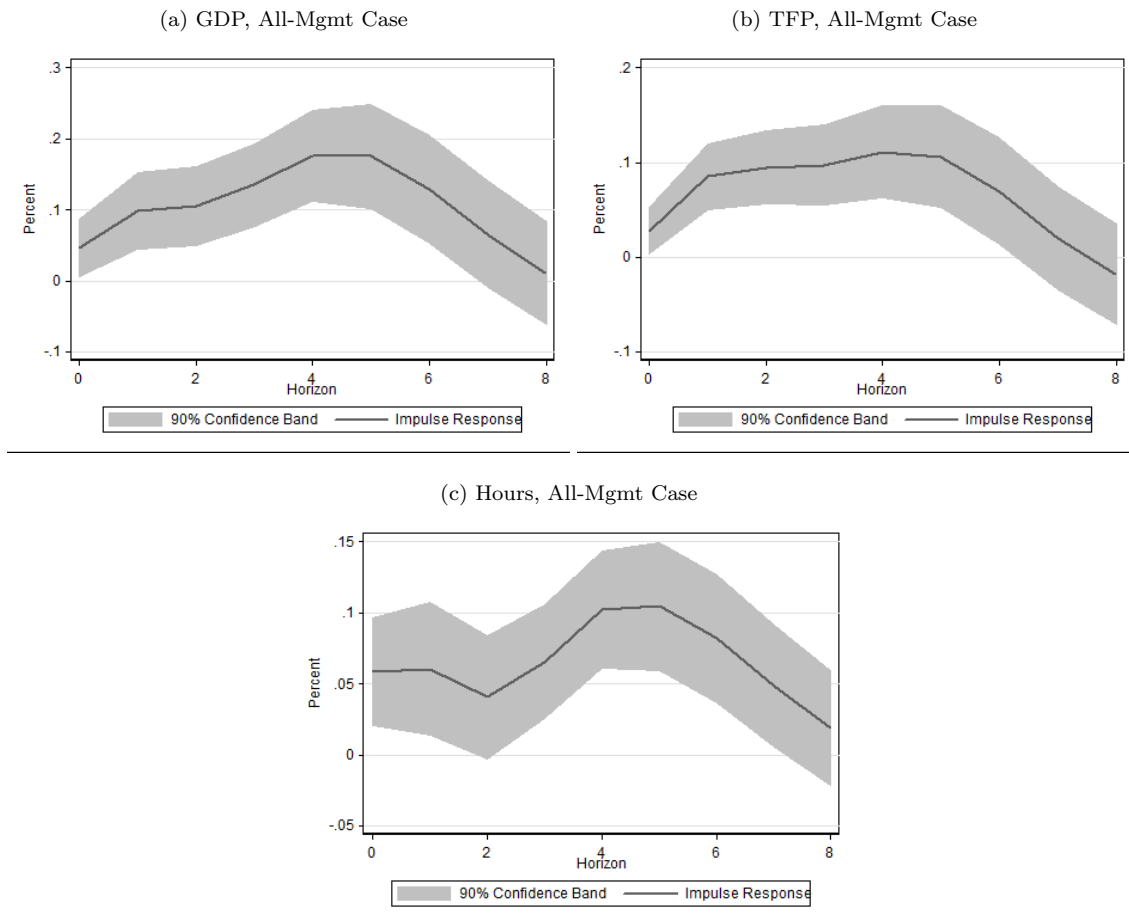
Figure 10: IRFs, Positive Management Shock, Fiction Book Normalization
Ordering: Management, Other



3 Cubic Time Trend

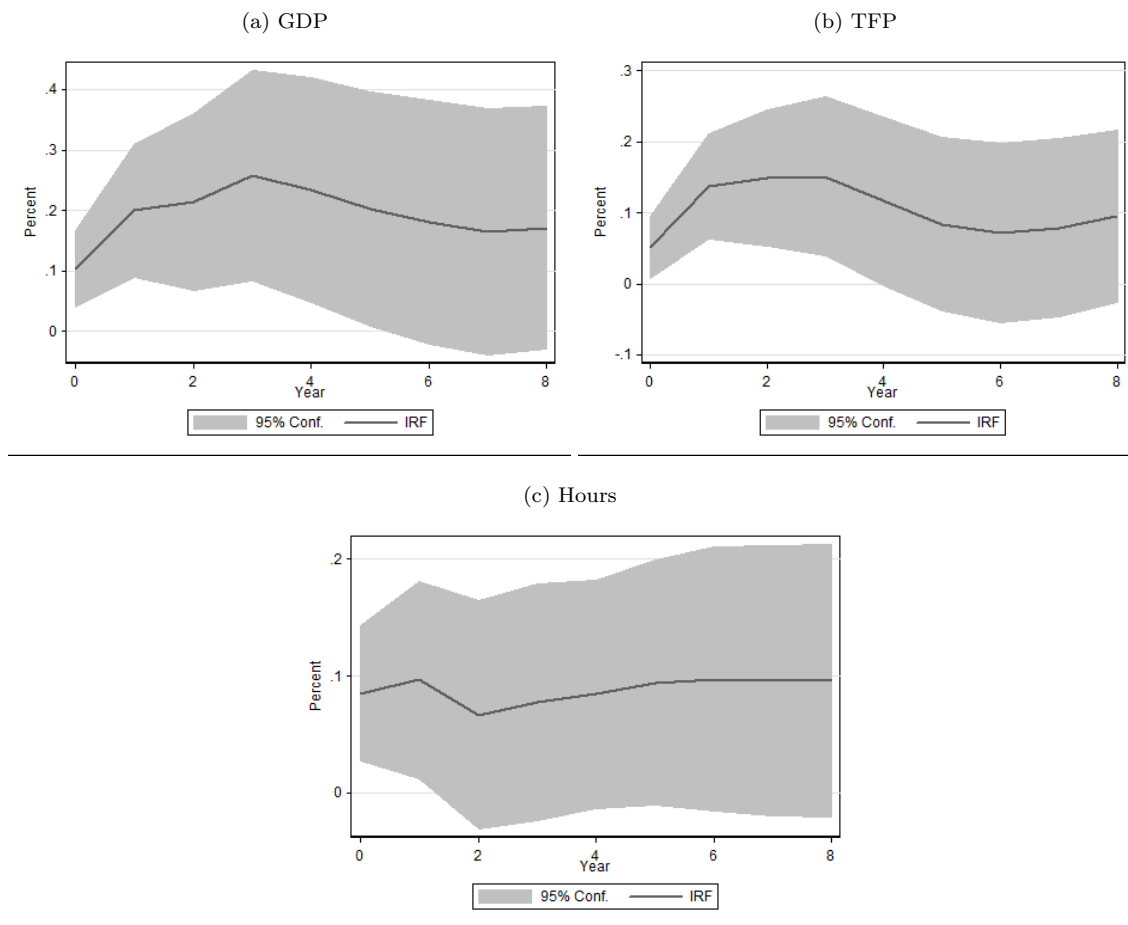
While the main results of the paper are presented for a quadratic time trend, with a single break in level and slope in 1973, this section demonstrates overall robustness of results in the case of a cubic time trend with no breaks.

Figure 11: IRFs, Positive Management Shock, with Cubic Trend
Ordering: Management, Other



4 Cumulative Reponses, First Difference Specifications

Figure 12: Cumulative Reponses, First Difference Specifications



5 Supplemental Variance Decomposition Tables

Beginning on the following page, we present variance decompositions under the two alternative normalizations. The normalizations presented here are identical to those presented in the earlier section on normalized impulse responses. Furthermore, the final table is the baseline bivariate variance decomposition under a cubic trend instead of a quadratic trend with break as in the main paper.

Supplemental Table 1: Bivariate VAR Variance Decomposition, Normalizations

Horizon	Order: Management First					Order: Management Last				
	Log(TFP _t)	Log(GDP _t)	Log(H _t)	Log(Y _t /H _t)	Log(Y _t /L _t)	Log(TFP _t)	Log(GDP _t)	Log(H _t)	Log(Y _t /H _t)	Log(Y _t /L _t)
<i>Normalization: Children's Literature</i>										
1	20.434	12.800	3.162	15.119	12.861	0.000	0.000	0.000	0.000	0.000
2	38.396	25.915	6.017	35.541	24.287	5.677	4.017	0.814	8.475	3.085
3	48.067	31.256	5.768	51.277	27.565	11.240	6.442	0.729	22.259	4.205
5	57.314	43.059	16.383	57.157	37.457	21.131	16.718	10.579	37.081	11.134
8	57.079	45.591	22.540	53.225	40.505	23.202	20.333	15.940	37.380	14.130
<i>Normalization: Adult Fiction</i>										
1	21.638	11.457	2.541	19.578	11.550	0.000	0.000	0.000	0.000	0.000
2	31.561	16.094	2.123	34.792	15.690	1.892	0.708	0.049	4.564	0.556
3	35.023	16.751	2.266	43.089	15.565	2.921	0.780	1.533	9.778	0.475
5	39.960	23.601	5.030	45.059	21.002	6.794	5.394	3.775	16.911	3.219
8	39.003	27.821	12.750	41.833	25.906	10.091	11.907	10.842	17.812	8.394

Supplemental Table 2: Bivariate VAR Variance Decomposition, Cubic Time Trend

Horizon	Order: Management First					Order: Management Last				
	Log(TFP _t)	Log(GDP _t)	Log(H _t)	Log(Y _t /H _t)	Log(Y _t /L _t)	Log(TFP _t)	Log(GDP _t)	Log(H _t)	Log(Y _t /H _t)	Log(Y _t /L _t)
1	4.7349	4.9827	8.9403	1.3254	9.3025	0	0	0	0	0
2	22.5213	14.331	11.9407	11.4813	22.5745	9.7709	3.9561	0.5664	6.3309	5.0858
3	35.9691	22.5398	13.9134	19.0571	32.2681	21.3928	9.9314	1.6262	12.7678	11.5595
5	52.9476	46.3059	30.0276	26.432	57.1717	47.5348	40.1629	20.6765	23.1471	42.2528
8	55.2762	55.1615	44.0817	27.2697	67.4829	56.4517	55.7618	36.0004	27.1899	59.814