

BER Manufacturing Survey

Preliminary Results

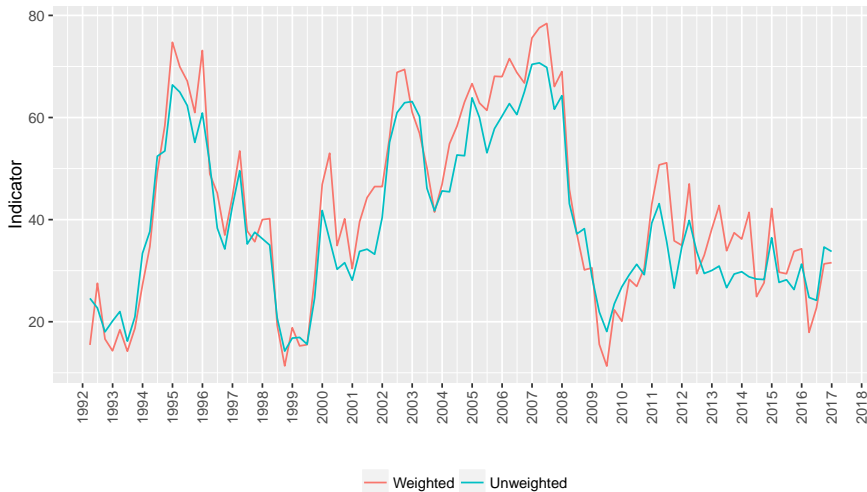
Laurie Binge

10 May 2017

- 1 **BER Manufacturing Surveys Results**
- 2 **Published Results**
- 3 **New weightings**
- 4 **Sectors**
- 5 **Regions**
- 6 **Reference Series**

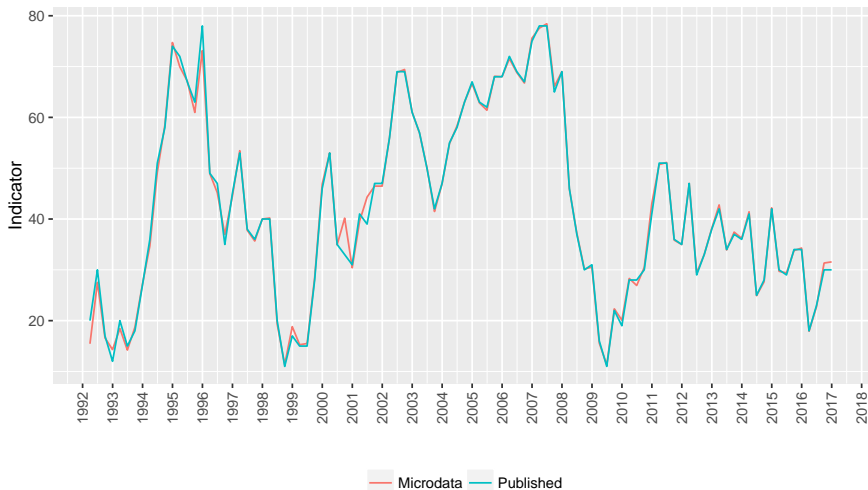
BER Manufacturing Surveys Results

Weighted and Unweighted Results for Q20 (Confidence)

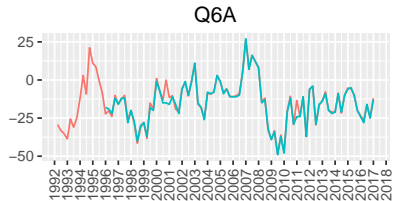
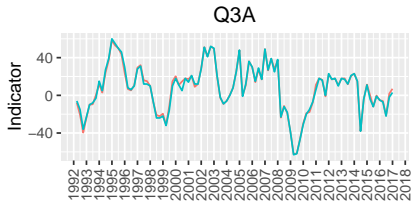
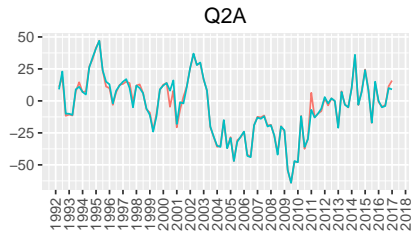
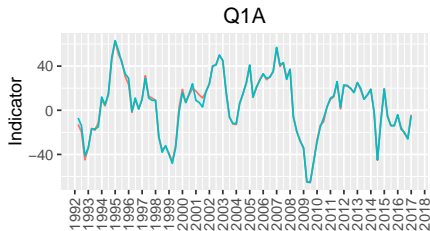


Published Results

Results for Q20 (Confidence)



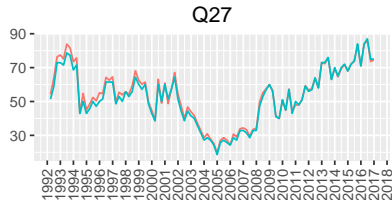
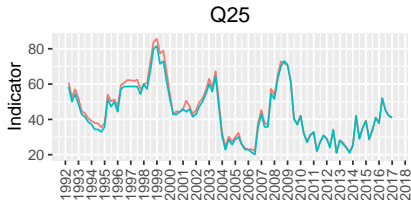
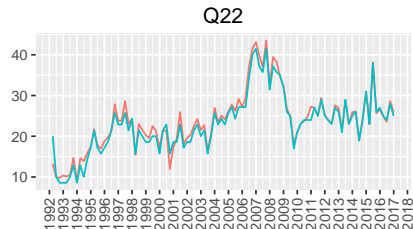
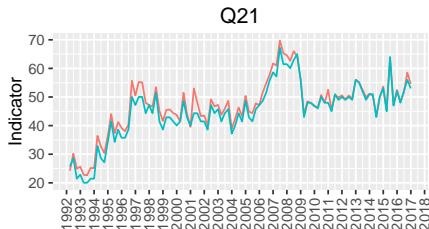
Microdata vs. Published Results



— Microdata — Published

— Microdata — Published

Microdata vs. Published Results (Constraints)

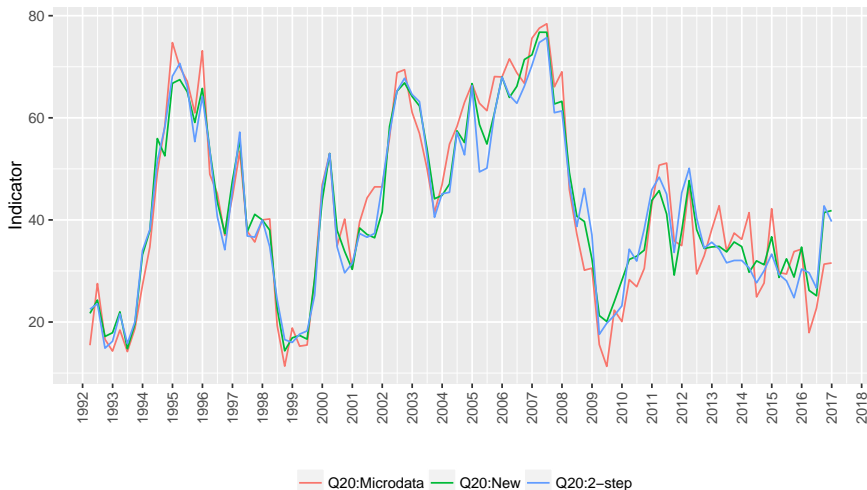


— Microdata — Published

— Microdata — Published

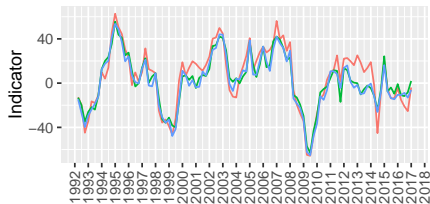
New weightings

New factors weightings

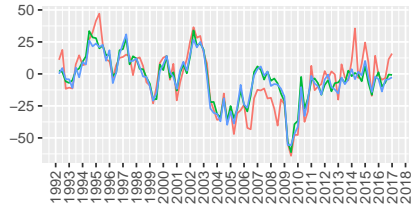


Other questions

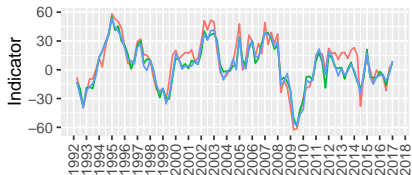
Q1A



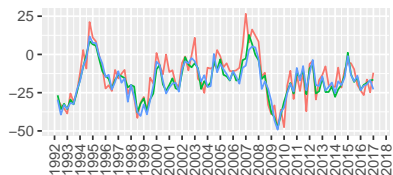
Q2A



Q3A



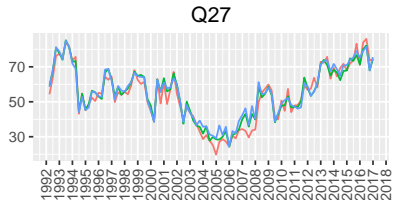
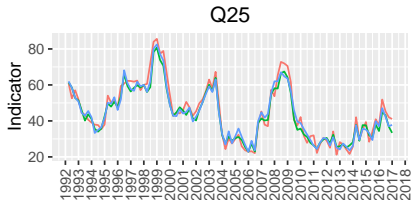
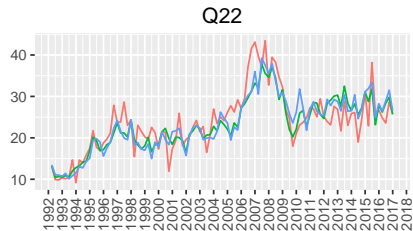
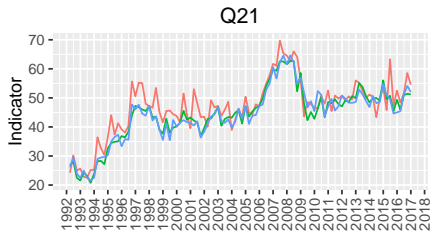
Q6A



— Microdata — New — 2-step

— Microdata — New — 2-step

Constraints



Microdata New 2-step

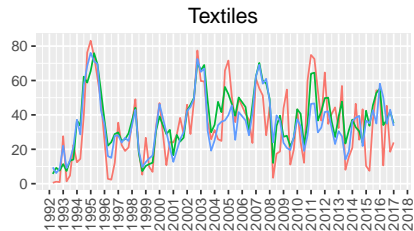
Microdata New 2-step

Sectors

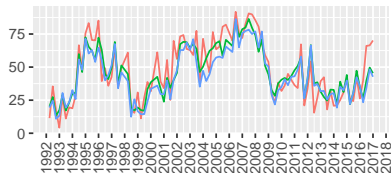
New BER classification: Q20 (Confidence)



Microdata New 2-step



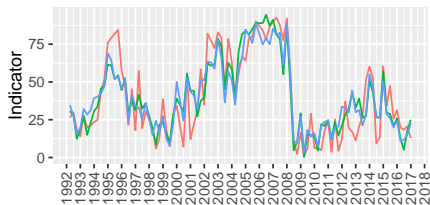
Chemicals



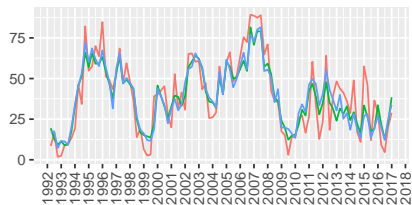
Microdata New 2-step

Sectors2

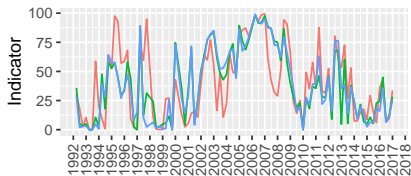
Glass



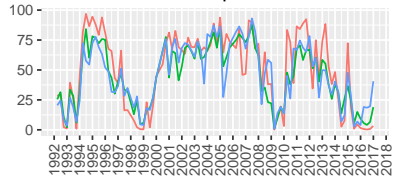
Metals



Elec_radio



Transport

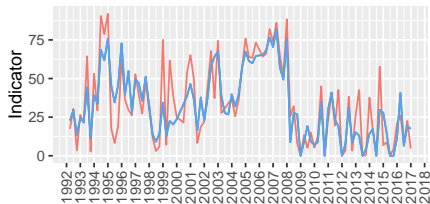


— Microdata — New — 2-step

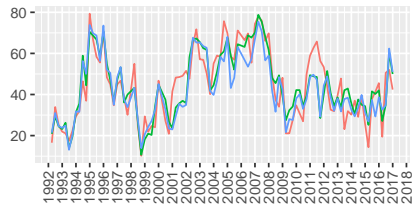
— Microdata — New — 2-step

Main industrial groups: Q20 (Confidence)

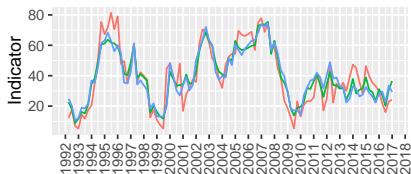
Furniture



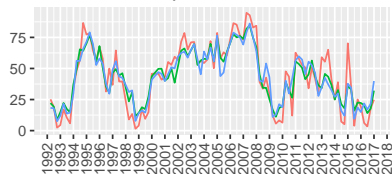
Consumer Goods



Intermediate Goods



Capital Goods

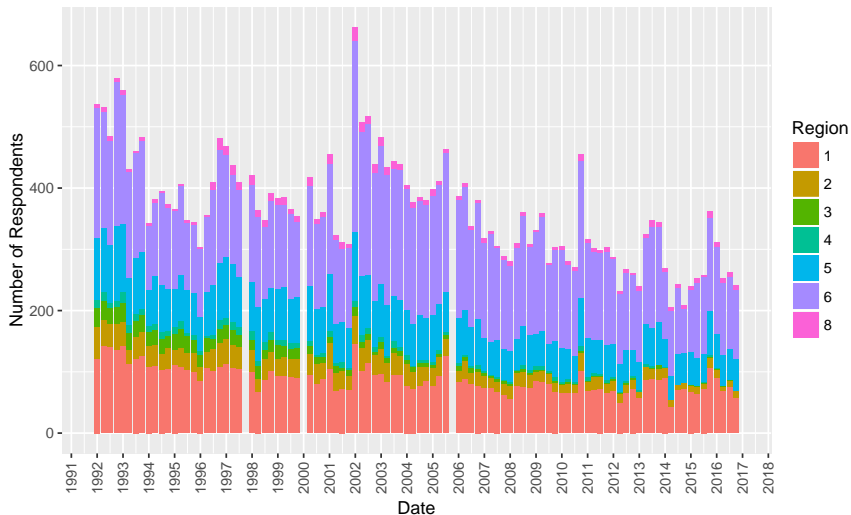


Microdata New 2-step

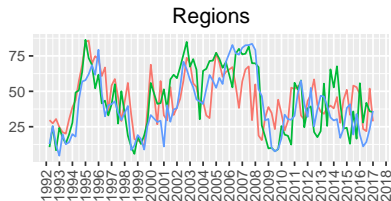
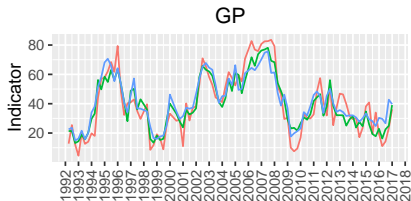
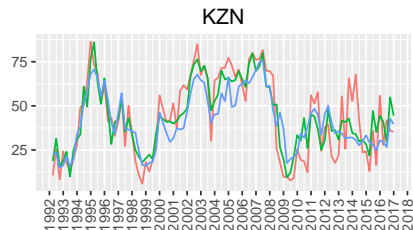
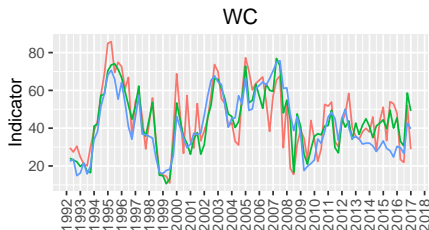
Microdata New 2-step

Regions

Regional Observations



Regional Results for Q20 (Confidence)

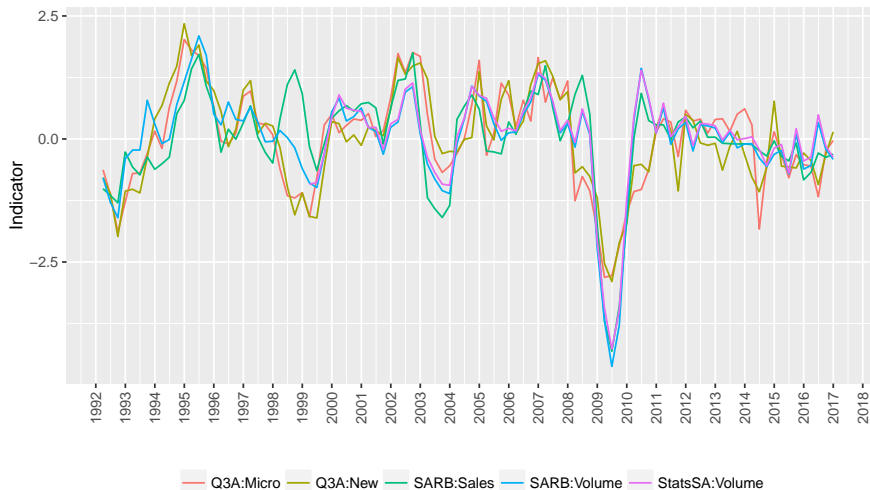


Microdata New 2-step

WC KZN GP

Reference Series

Total Manufacturing Activity

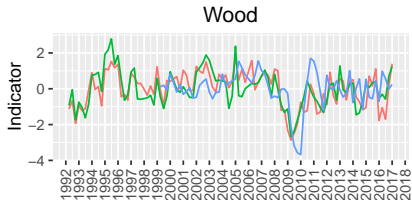
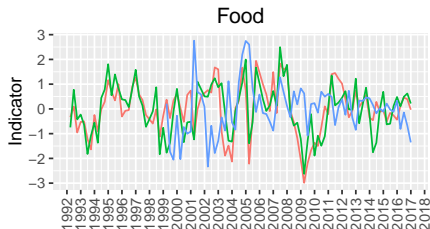


Correlations with reference series

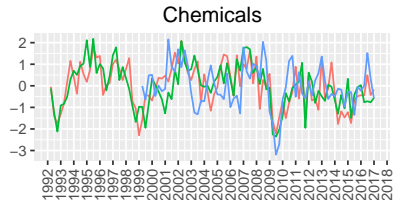
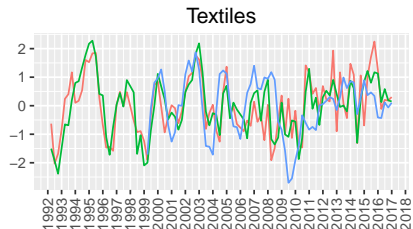
	Q1A	Q3A	Q1A_u	Q3A_u	Q1A_new	Q3A_new	Q1A_2s	Q3A_2s
SARB:Sales	0.62***	0.65***	0.57***	0.60***	0.58***	0.61***	0.60***	0.64***
SARB:Volume	0.72***	0.74***	0.70***	0.71***	0.71***	0.72***	0.71***	0.73***
StatsSA:Volume	0.74***	0.71***	0.70***	0.70***	0.72***	0.71***	0.72***	0.72***

	Q1A	Q3A	Q1A_u	Q3A_u	Q1A_new	Q3A_new	Q1A_2s	Q3A_2s
Vol	27.18	24.98	22.74	21.35	23.20	21.71	24.18	22.27

Sectoral Manufacturing Activity



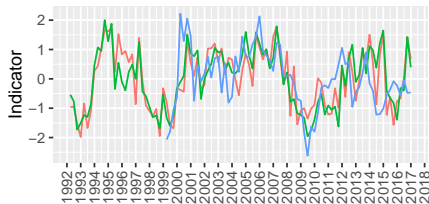
Microdata New StatsSA



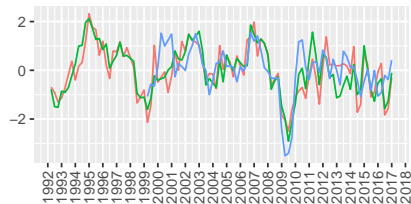
Microdata New StatsSA

Sectoral Manufacturing Activity

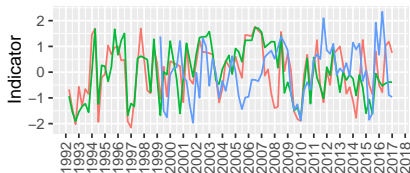
Glass



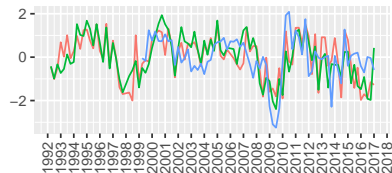
Metals



Elec_Radio



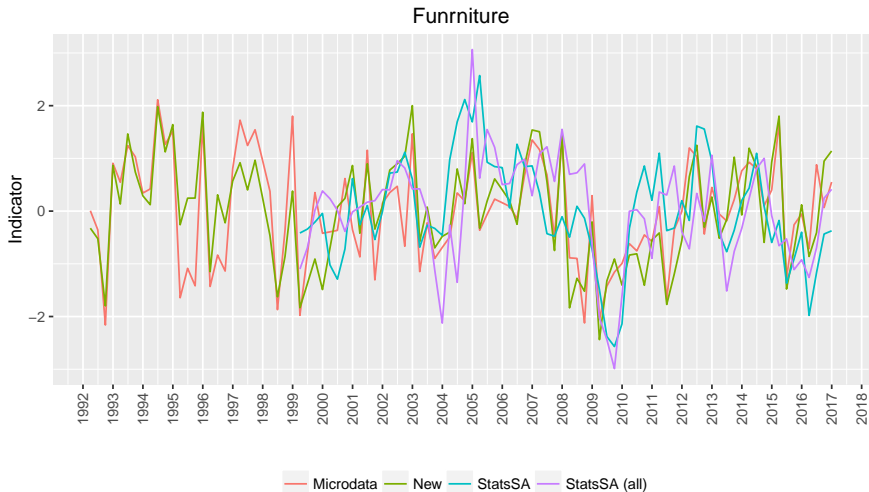
Transport



Microdata New StatsSA

Microdata New StatsSA

Sectoral Manufacturing Activity



Correlations with reference series

	Q1A	Q3A	Q1A_U	Q3A_U	Q1A_New	Q3A_New	Q1A_2s	Q3A_2s
Food	-0.08	-0.14	0.05	0.05	0.02	0.00	0.00	-0.05
Textiles	0.29**	0.30**	0.63***	0.65***	0.50***	0.51***	0.63***	0.61***
Wood	0.41***	0.41***	0.53***	0.49***	0.47***	0.42***	0.46***	0.39***
Chemicals	0.31***	0.37***	0.30**	0.34***	0.33***	0.38***	0.35***	0.41***
Glass	0.57***	0.47***	0.59***	0.56***	0.61***	0.55***	0.61***	0.52***
Metals	0.62***	0.57***	0.68***	0.69***	0.69***	0.68***	0.66***	0.65***
Elec_radio	0.01	0.04	0.22*	0.24**	0.03	0.07	0.05	0.10
Transport	0.43***	0.49***	0.48***	0.47***	0.48***	0.48***	0.51***	0.55***
Furniture	0.45***	0.38***	0.48***	0.41***	0.48***	0.39***	0.48***	0.39***

Volatility

	Q1A	Q3A	Q1A_U	Q3A_U	Q1A_New	Q3A_New	Q1A_2s	Q3A_2s
Food	35.81	35.76	22.77	20.65	24.00	23.21	26.00	24.40
Textiles	36.12	36.62	26.12	26.24	26.96	27.25	27.60	28.67
Wood	36.86	33.28	25.63	24.45	25.96	24.67	27.38	25.20
Chemicals	32.16	30.83	23.39	22.37	24.16	22.59	24.79	22.99
Glass	46.02	43.94	31.72	28.72	36.53	32.03	34.99	30.87
Metals	37.79	34.96	28.06	27.29	29.60	28.18	30.41	28.94
Elec_radio	50.29	49.30	33.03	33.03	48.84	49.23	45.93	48.97
Transport	55.88	52.29	32.70	32.52	38.78	38.30	43.57	42.21
Furniture	44.71	43.07	31.50	30.42	35.29	34.10	35.29	34.10