

Seasonal work income boost consumption in Tonga
Devpolicy Blog Feb 2023, Supplementary materials

Table S1: Observed characteristics and financial variables

	mean Control	mean Treated	Control N	Treated N	Total N	p value (diff)
Household size	5.62	7.50	606	543	1149	0.00
Share of adults	0.66	0.68	606	543	1149	0.08
Share of Kids (Schooling age)	0.27	0.24	606	543	1149	0.04
Share of men (Aged 18 or over)	0.20	0.28	606	543	1149	0.00
Share of men who have English Literacy	0.72	0.94	606	543	1149	0.00
Share of men who completed Secondary school Education	0.32	0.30	606	543	1149	0.50
Share of men who are engaged in physical intensive work	0.30	0.62	606	543	1149	0.00
Share of Household members who have lived in NZ or AUS in the past	0.55	0.62	606	543	1149	0.00
Asset index	-0.02	-0.13	595	543	1138	0.29
Residential area (Tongatapu = 1)	1.49	1.15	606	543	1149	0.00
Any man in household worked in the last seven day or not (Yes = 1)	0.48	0.86	606	543	1149	0.00
Wage Earnings per capita	403.55	290.97	606	543	1149	0.00
Wage Earnings (Total)	1884.19	1769.90	606	543	1149	0.40
Remittances received per capita	32.32	228.81	606	543	1149	0.00
Disposable income per capita (Before Tax)	667.42	741.07	595	543	1138	0.43
Total expenditure per capita	823.44	608.67	595	543	1138	0.02

Table S2: Aggregate variables

Basic consumption	Food at home, Food outside home, Daily needs
Necessary spending	Housing, Fuel and Light, Vehicle, Communication
Durable goods	Electric Goods, Furniture, Home appliance
Investment	Business investment and other investment

Table S3: Expenditure patterns, levels

	mean Control	mean Treated	Control N	Treated N	Total N	p value (diff)
Food at home	148.465	154.906	595	543	1138	.419
Food outside home	35.842	34.46	595	543	1138	.727
Daily needs	1.932	3.101	595	543	1138	.115
Housing	72.87	38.468	595	543	1138	.446
Agriculture land	2.884	1.444	595	543	1138	.428
Fuel and Light	39.211	34.881	595	543	1138	.089
Hired labour	54.457	20.534	595	543	1138	.271
Home production	10.783	9.609	595	543	1138	.611
Non-durable goods	9.102	10.025	595	543	1138	.185
Health	16.248	4.028	595	543	1138	.345
Vehicle	45.31	51.898	595	543	1138	.479
Recreation	18.072	17.35	595	543	1138	.782
Communication	.911	.885	595	543	1138	.940
Community	299.652	160.586	595	543	1138	.000
Interest payment and loan	17.3	18.696	595	543	1138	.764
Gamble	.088	.974	595	543	1138	.065
Clothing	3.864	3.864	595	543	1138	.999
Education Goods	9.347	10.479	595	543	1138	.185
Electric Goods	1.95	.765	595	543	1138	.072
Furniture	2.004	2.561	595	543	1138	.511
Home appliance	4.599	5.342	595	543	1138	.341
Business investment	5.719	3.136	595	543	1138	.248
Other investment	.656	.439	595	543	1138	.513
Lend money	1.949	2.955	595	543	1138	.177
Special events	20.229	17.287	595	543	1138	.442
Basic consumption	186.239	192.467	595	543	1138	.531
Necessary spending	175.462	142.597	595	543	1138	.481
Durable goods	8.553	8.668	595	543	1138	.934
Investment	6.375	3.575	595	543	1138	.215

Table S4: Expenditure patterns, budget shares

	mean Control	mean Treated	Control	Treated	Total	p value
Food at home	.294	.321	595	543	1138	.006
Food outside home	.055	.061	595	543	1138	.278
Daily needs	.004	.008	595	543	1138	.003
Housing	.032	.047	595	543	1138	.005
Agriculture land	.002	.001	595	543	1138	.855
Fuel and Light	.082	.079	595	543	1138	.368
Hired labour	.013	.01	595	543	1138	.475
Home production	.017	.014	595	543	1138	.417
Non-durable goods	.018	.021	595	543	1138	.016
Health	.006	.007	595	543	1138	.624
Vehicle	.085	.087	595	543	1138	.574
Recreation	.001	.001	595	543	1138	.863
Communication	.034	.032	595	543	1138	.486
Community	.25	.199	595	543	1138	.000
Interest payment and loan	.023	.025	595	543	1138	.604
Gamble	0.00	.001	595	543	1138	.049
Clothing	.008	.008	595	543	1138	.893
Education Goods	.023	.025	595	543	1138	.164
Electric Goods	.003	.002	595	543	1138	.221
Furniture	.003	.004	595	543	1138	.191
Home appliance	.008	.011	595	543	1138	.012
Business investment	.006	.004	595	543	1138	.407
Other investment	.001	.001	595	543	1138	.343
Lend money	.002	.004	595	543	1138	.001
Special events	.032	.025	595	543	1138	.166
Basic consumption	.353	.389	595	543	1138	.000
Necessary spending	.232	.245	595	543	1138	.131
Durable goods	.014	.017	595	543	1138	.115
Investment	.007	.005	595	543	1138	.273

Figure S1: The impact of the SWP on expenditure levels

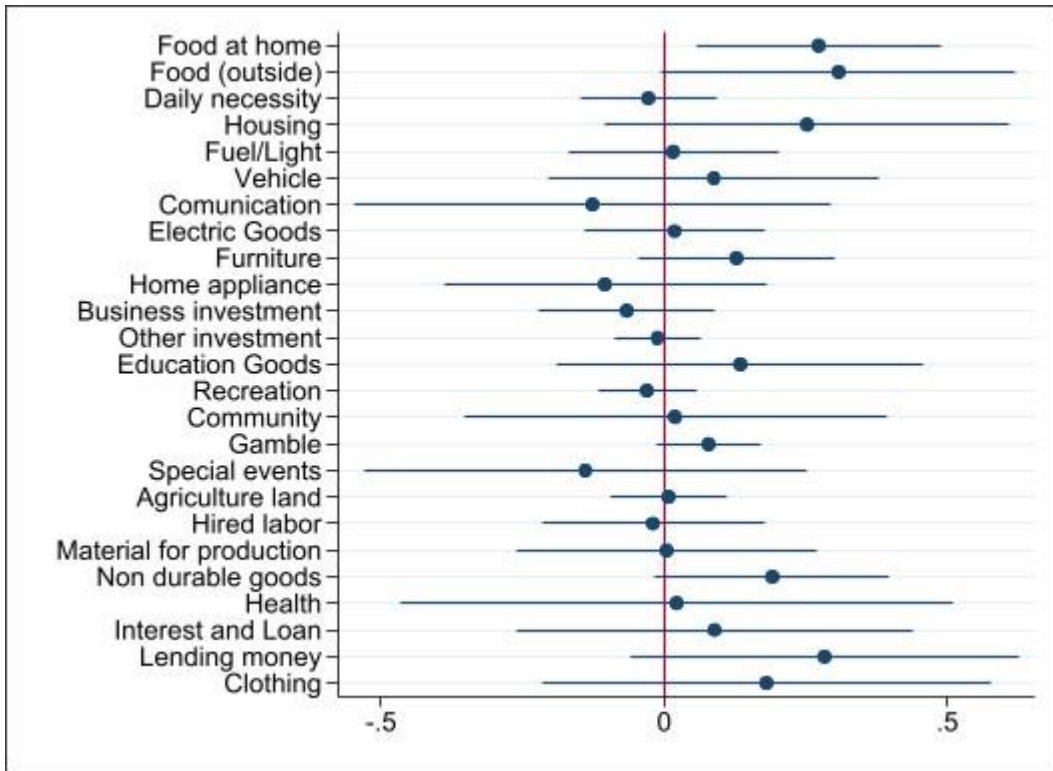


Figure S2: The impact of the SWP on expenditure levels, aggregated

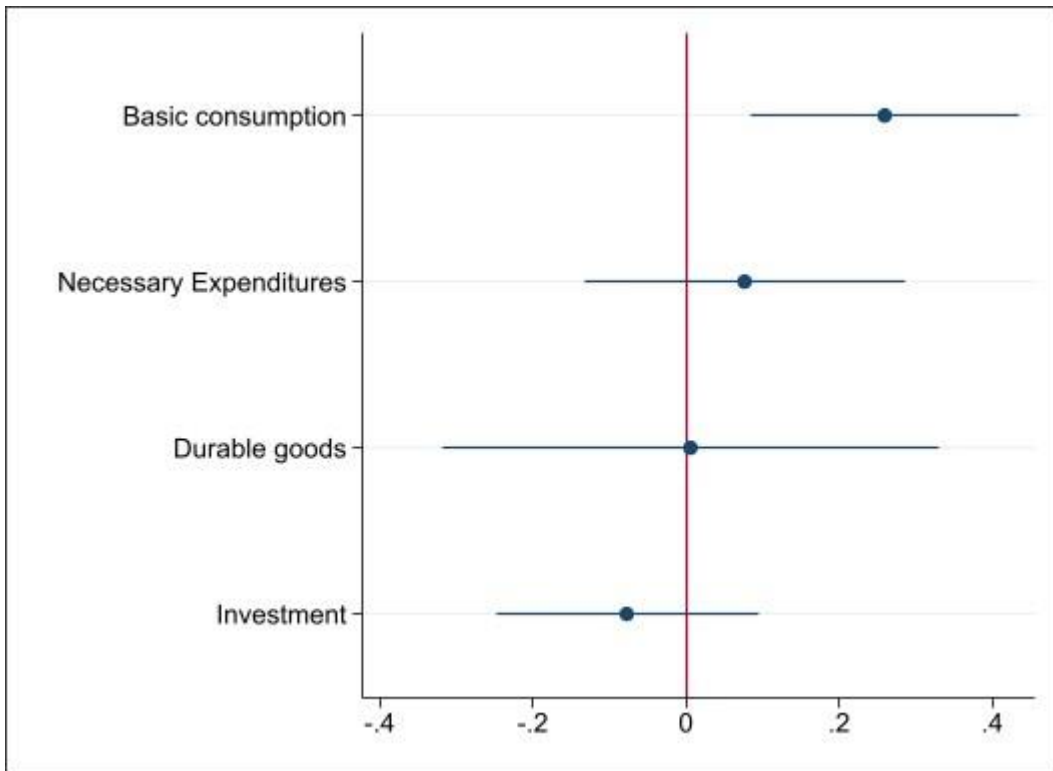


Figure S3: The impact of the RSE on expenditure levels

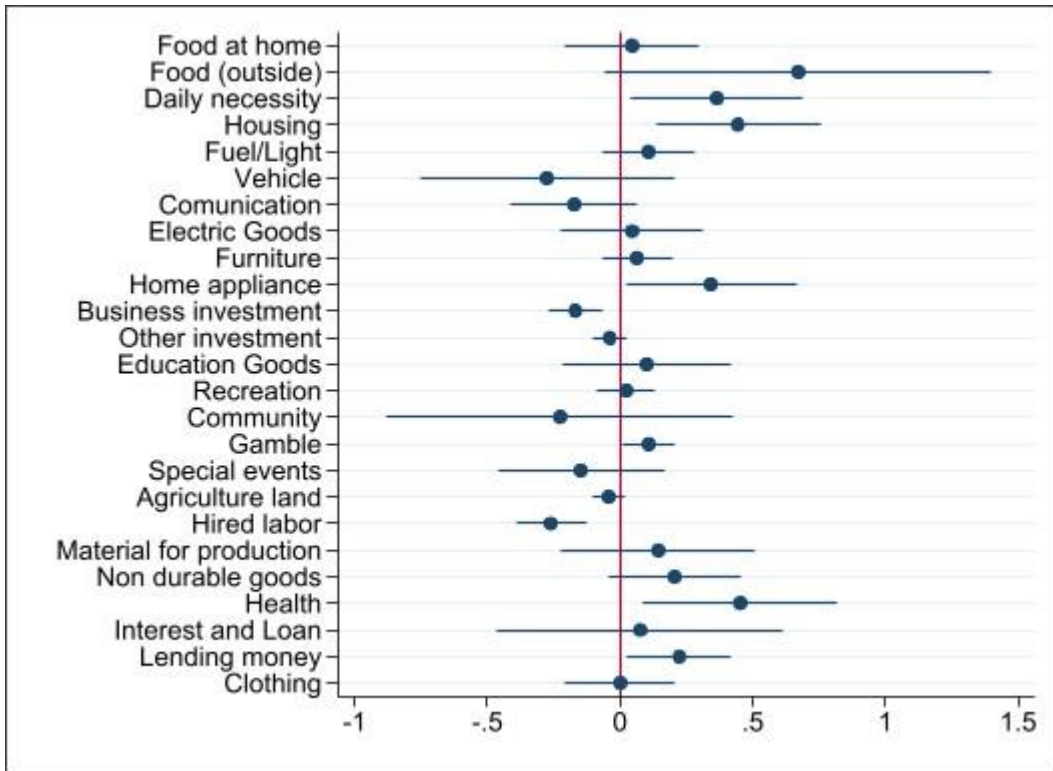


Figure S4: The impact of the RSE on expenditure levels, aggregated

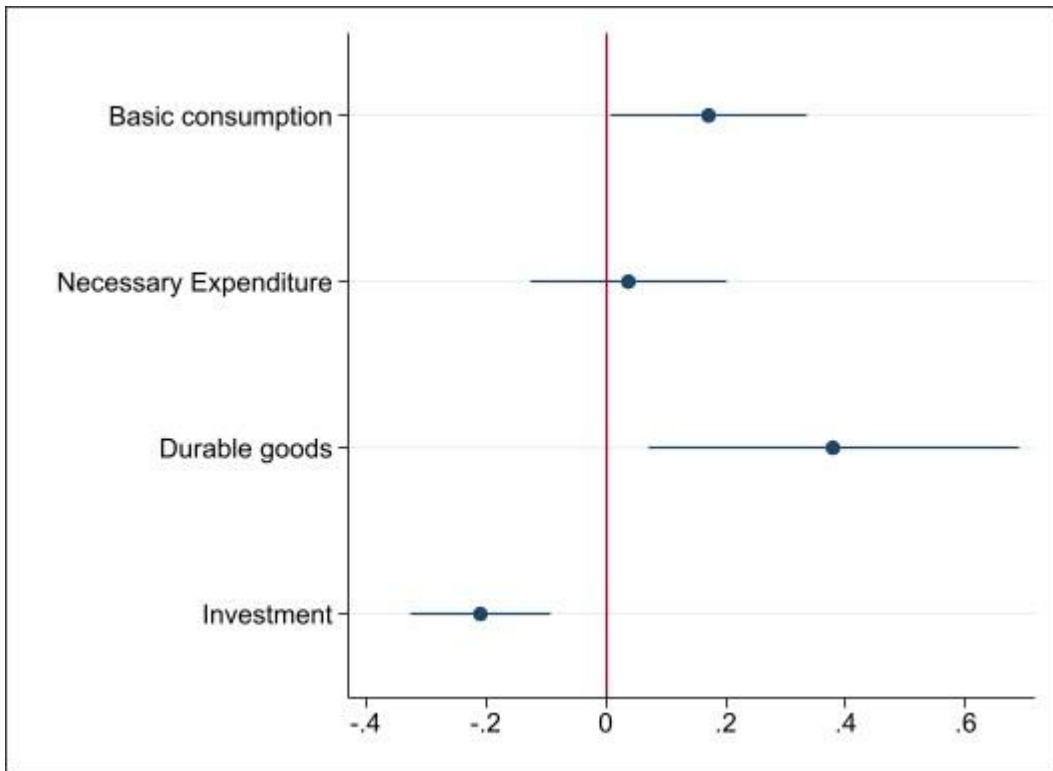


Figure S5: The impact of the SWP on budget shares

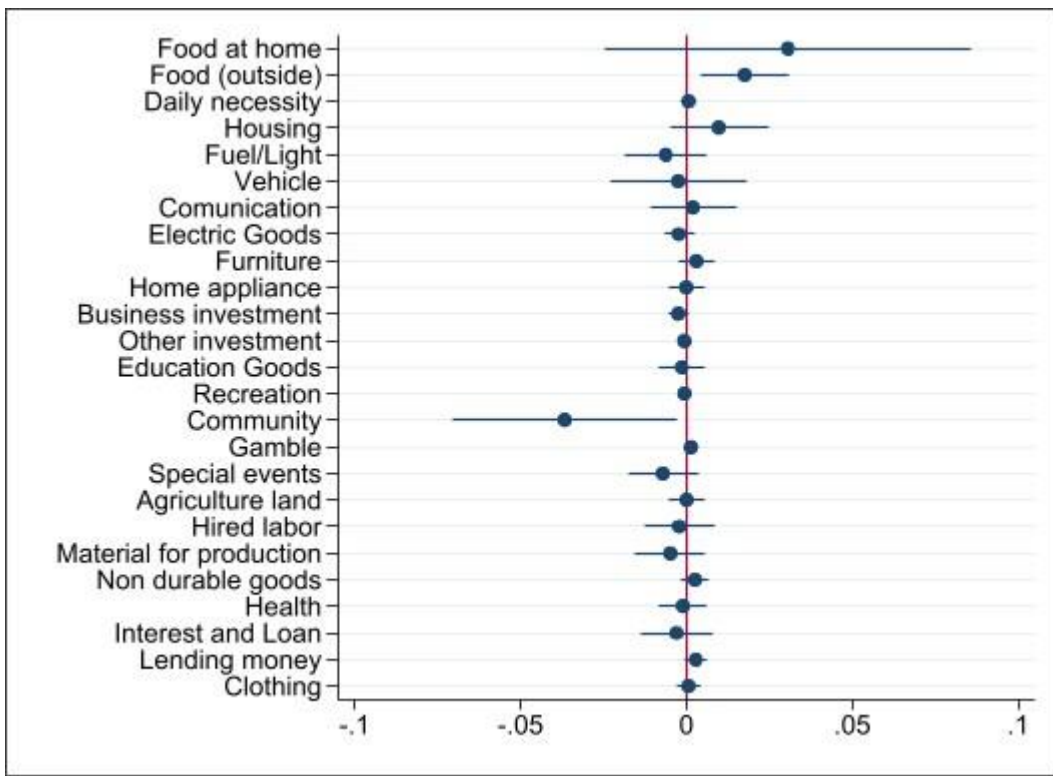


Figure S6: The impact of the SWP on budget shares, aggregated

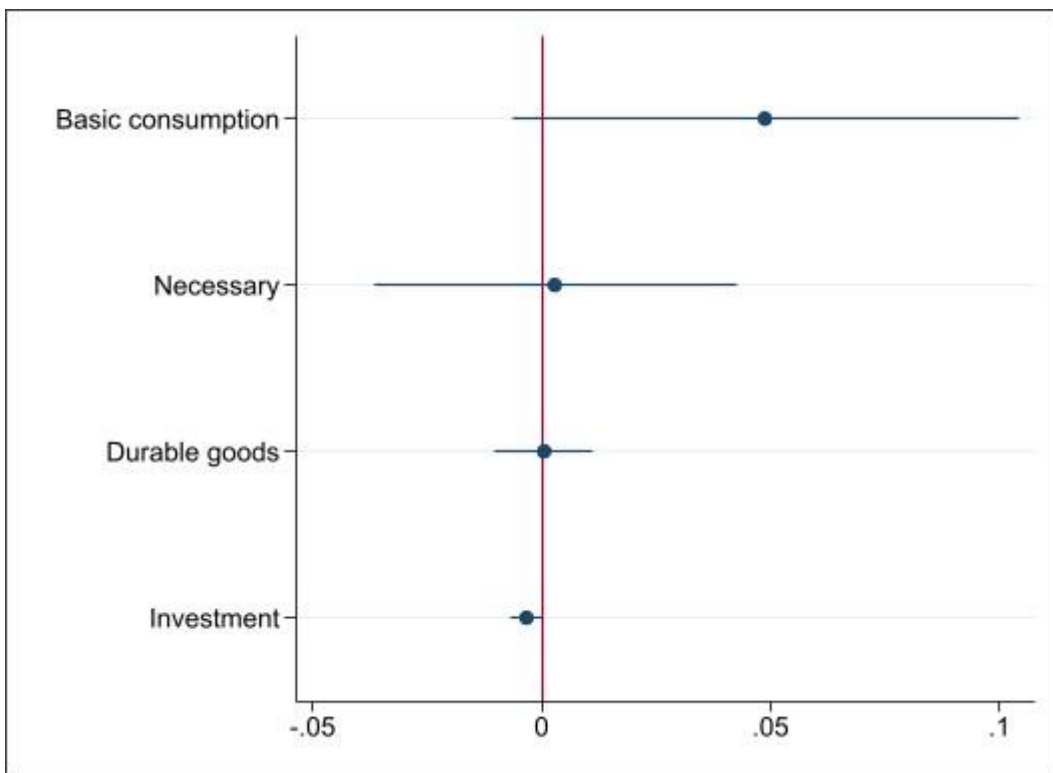


Figure S7: The impact of the RSE on budget shares

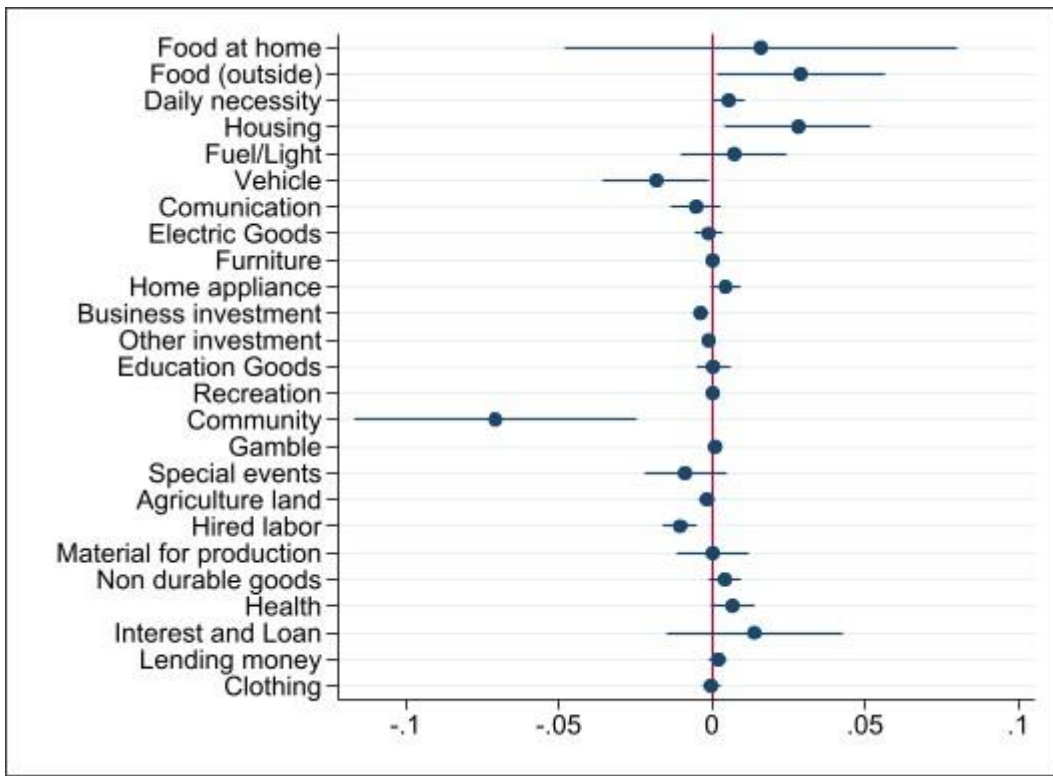


Figure 12 The impact of the RSE on budget shares, aggregated

