

## Supplementary Material

Table S1: Total number of household types distributed by communes.

	Commune					
	Lo Barnechea		Las Condes		Vitacura	
<b>Low</b>	1,971	(10.1%)	17,413	(21.3%)	3,912	(14.5%)
<b>Medium</b>	3,960	(20.4%)	24,940	(30.6%)	8,018	(29.7%)
<b>High</b>	5,728	(29.5%)	25,546	(31.3%)	9,889	(36.7%)
<b>Very high</b>	7,781	(40.0%)	13,686	(16.8%)	5,138	(19.1%)
	<b>19,440</b>	<b>(15.2%)</b>	<b>81,585</b>	<b>(63.7%)</b>	<b>26,957</b>	<b>(21.1%)</b>

Table S2: Number of households types not sharing the same location in each commune.

	Commune					
	Lo Barnechea		Las Condes		Vitacura	
<b>Low</b>	163	(2.1%)	732	(3.1%)	406	(3.8%)
<b>Medium</b>	684	(8.7%)	2,502	(10.6%)	1,145	(10.6%)
<b>High</b>	2,155	(27.5%)	11,256	(47.6%)	5,063	(46.9%)
<b>Very high</b>	4,836	(61.7%)	9,172	(38.8%)	4,172	(38.7%)
	<b>7,838</b>	<b>(18.5%)</b>	<b>23,662</b>	<b>(56.0%)</b>	<b>10,786</b>	<b>(25.5%)</b>

Table S3: *Aguas Cordillera* water tariff scheme.

Concept	Period	Price	Conditions
Fixed charge	all year	1,190 CLP/month	
Water variable charge	December to March	684.56 CLP/m <sup>3</sup>	
	April to November	686.01 CLP/m <sup>3</sup>	
Wastewater collection	all year	273.48 CLP/m <sup>3</sup>	
Wastewater treatment	all year	257.20 CLP/m <sup>3</sup>	
Water variable charge overconsumption	December to March	1,097.40	1. cons > 40 m <sup>3</sup> 2. cons > $\overline{cons}_{NotPeak}$

Table S4: Water consumption for different water uses in Chile, SISS (2020).

Water Use		Consumption	Units
Toilet discharge	old WCs	18-22	L per flushing
	new WCs	6-10	
Washing dishes		60	L every 5 min
Washing hands		12	L per minute
Showering		60	L for a 5 min shower
Washing machine		285	L per full wash
Garden Watering with hose		120	L for 10 min watering

Figure S1. Dot chart representing each individual household (specifying their consumption and behaviour profiles) calculated elasticity for every simulated price rise. With the aim to ease graph interpretation some random noise has been added on the x-axis values.

