Variable	Information/description	Source/data origin	Time range	File name	Format
		Spatial plans (independent variables)			
Ecological-Economic Zoning (EEZ)	EE zones	CPLA – SP	2005	EEZ_2005	Shapefile
Ilhabela master plan (zoning)	Ilhabela master plan zones	Ilhabela municipality	2006	urban_masterplan_ilhabela	Shapefile
Ubatuba master plan (zoning)	Ubatuba master plan zones	Ubatuba municipality	2006	master_plan_ubatuba	Shapefile
		Measuring plan outcomes (depended variables)			
Urban Compactness					
Urban persistence	Built-up 2005 = Built-up 2015	Landsat Collection 1 Higher-Level Surface Reflectance 30 m	2005–2015	urban_persistence	Raster
Urban infill	New built-up pixels classified as infill	Landsat Collection 1 Higher-Level Surface Reflectance 30 m	2005–2015	infill	Raster
Urban axial	New built-up pixels classified as axial	Landsat Collection 1 Higher-Level Surface Reflectance 30 m	2005–2015	axial	Raster
Urban isolated	New built-up pixels classified as isolated	Landsat Collection 1 Higher-Level Surface Reflectance 30 m	2005–2015	isolated	Raster
Nature Conservation					
Forest cover persistence	Native forest cover persistence from 2005 to 2015	Landsat Collection 1 Higher-Level Surface Reflectance 30 m	2005–2015	forest_persist_0515	Raster
Forest cover gain	Native forest cover gains from 2005 to 2015	Landsat Collection 1 Higher-Level Surface Reflectance 30 m	2005–2015	forest_gain_0515	Raster
NDVI increase	Increase in Normalized Difference Vegetation Index	Landsat Collection 1 Higher-Level Surface Reflectance 30 m	2005–2015	ndvi_inc	Raster
Basic Services and Housing					
Permanent housing density increase	Increase in permanent housing density	Federal census (BIGS) *	2000–2010	house_inc_0010	Raster
Waste service increase	Increase in waste collection service	Federal census (BIGS) *	2000–2010	water_inc_0010	Raster
Sanitation service increase	Increase in sanitation service	Federal census (BIGS) *	2000–2010	sanit_inc_0010	Raster
Water service increase	Increase in clean water provision service	Federal census (BIGS) *	2000–2010	waste_inc_0010	Raster
		Other drivers (independent variables)			
Socioeconomic					
Basic education	Basic education in % per census sector (change per year)	Federal census (BIGS) *	2000–2010	alfa_0010	Raster
Human Development Index (HDI)	HDI per municipality (change per year)	Federal census (BIGS) *	2000–2010	hdi_0010	Raster
Mean income	Mean income in Reais (R$) per census sector (change per year)	Federal census (BIGS) *	2000–2010	income_0010	Raster
Population					
Population density	Population density per pixel (change per year)	Federal census (BIGS) *	2000–2010	pop_0010	Raster
Topography					
Slope	Slope °	ALOS 30 m	Data from 2005 and 2015**	slope	Raster
Topographic Index Position (TPI)	Topographic Index Position (TPI)	ALOS 30 m	Data from 2005 and 2015**	TPI300	Raster

Table 1 Table of content. Dependent and independent variables used to infer the values of the latent variables to model the relationship between the three types of strategies and the plan outcomes. Sources: Brazilian Institute of Geography and Statistics (IBGE); São Paulo State Environmental Planning Division (CPLA-SP); *All data from the IBGE National Census refers to permanent inhabitants and permanent housing. The Federal Census data was transformed into density values for a pixel size of 30 m (see Supplementary Material I). **The information is the same for 2005 and 2015.