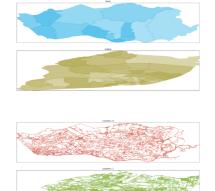
# CAL maps

City	Number of Nodes	Number of Edges	
Aveiro	3294	3135	
Braga	20063	20371	
Coimbra	21262	21729	
Ermesinde	2949	3134	
Fafe	2383	2504	
Gondomar	7340	7504	
Lisboa	74622	91587	
Maia	8505	8692	
Porto	10176	10765	
Viseu	6193	6175	
Portugal	1803214	1874296	

Theme code	Theme name
TH01	RideSharing: partilha de viagens
TH02	EcoPonto: recolha seletiva de lixo
TH03	City Sightseeing: trilhas turísticas urbanas
TH04	Smart Delivery: empresa de distribuição de mercadorias
TH05	SchoolBus: transporte escolar
TH06	AirShuttle: transfer em aeroportos
TH07	HealthCarrier: transportes de doentes entre centros de sa
TH08	CarroForte: entrega de valores
TH09	SpeedMail: correio prioritário
TH10	Smartafeta: serviço de estafeta inteligente
TH11	TripMate: planeador de viagens multimodais

	current criticiga de valores			
TH09	SpeedMail: correio prioritário			
TH10	Smartafeta: serviço de estafeta inteligente			
TH11	TripMate: planeador de viagens multimodais			
Theme code	Tags from OSM			
TH01	'cyclewsy=shared_lane", "share_tasi="". "cyclewsy=share_bunwsy", "route=share_tasi", "amenity=boat_sharing", "amenity=car_sharing", "amenity=car_entall", "amenity=bicycle_rental" "amenity=bicycle_rental"			
TH02	"amenity=waste_basket", "amenity=recycling", "amenity=waste_disposal", "bin="", "landuse=landfill", "recycling_type=container", "recycling_type=centre", "amenity=waste_transfer_station", "waste=""			
TH03	"tourism=information", "tourism=hotel", "tourism=attraction", "tourism=viewpoint", "tourism=guest_house", "tourism=picnic_site", "tourism=artwork", "tourism=camp_site", "tourism=museum", "tourism=""			
TH04	"building-warehouse", "industrial-warehouse", "landuse-industrial", "amenity-loading, dock", "shop-department, store", "shop-variety, store, "shop-supermarket", "shop-dottyoursel", "shop-convenience", "shop-slotthes", "shop-shadware", "shop-furniture", "shop-electronics", "shop-mobile_phone", "shop-shoes", "shop-shoes", "shop-alcohie"			
TH05	"amenity=school", "building=school", "amenity=driving_school", "school", "amenity=language_school", "amenity=dancing_school", "amenity=school", "amenity=sch			
TH06	"aeroway=aerodrome", "aeroway=gate", "aeroway=terminal", "aerodrome:type="", "aeroway=heliport", "iata="", "landuse=military"			
TH07	"healthcare="", "healthcare:speciality="", "health_facility:type="", "healthcare=dentist"			
TH08	"amenity=bank", "barrier=hedge_bank", "amenity=financial_advice", "government=audit", "shop=money_lender", "amenity=money_trans			
TH09	$"vending=parcel\_mail\_in", "amenity=post\_box", "amenity=post\_office", "post\_box:type="", "post\_office="", "amenity=post\_depot" \\$			
TH10	"building=construction", "construction="", "landuse=construction", " "amenity=restaurant", "amenity=cafe", "amenity=fast food", "amenity=			



Example for Porto's data	and TH01:	
T01_nodes_lat_lon_Porto.ti	t.	
10176	number of nodes	

T01_nodes_lat_lon_Porto.txt:	
10176 (90379359, 41.1552865, -8.6721342)	number of nodes (ID of node, latitude, longitude)
(90379613, 41.1555912, -8.6727197)	

(90379613, 41.1555912, -8.6727197) (90379614, 41.1553799, -8.6731542)
(90379615, 41.155288, -8.6732049)

T01_nodes_X_Y_Porto.txt:		
	10176	number of nodes
	(90379359, 527509.2187047654, 4556047.36820414)	(ID of node, latitude, longitude)
	(90379613, 527459.9657422074, 4556081.008946291)	
	(90379614, 527423.5976763209, 4556057.414999209)	

(90379613, (90379614,	527459.9657422074, a 527423.5976763209, a 527419.3820432525, a	4556881.008946291) 4556857.414999209)	
T01_edges_Pc	orto.txt:		
10755	_		

	TO1_tags_Porto.txt:	
	TOT_tags_Forto.txt.	
	9	number of tags
	cycleway-shared_lane	tag name
	101	number of nodes in this tag

estions and Doubts