

Appendix 1

Table A1.1: Descriptive information of the real-world networks used.

Open-source Repository	Network Group	Network	Details
igraphdata	Food Web	Bay dry	Food web of Florida Bay (dry season)
igraphdata	Food Web	Bay wet	Food web of Florida Bay (wet season)
igraphdata	Food Web	Chesap	Food web of Chesapeake
igraphdata	Food Web	ChesUp	Food web of Chesapeake Upper
igraphdata	Food Web	ChesLow	Food web of Chesapeake Lower
igraphdata	Food Web	ChesMid	Food web of Chesapeake Middle
igraphdata	Food Web	Chrys C	Food web of Chrystal River Creek
igraphdata	Food Web	Chrys D	Food web of Chrystal River Creek
igraphdata	Food Web	Cyp dry	Food web of Cypress (dry season)
igraphdata	Food Web	Cyp wet	Food web of Cypress (wet season)
igraphdata	Food Web	Maspal	Food web of Charca de Maspalomas
igraphdata	Food Web	Mich	Food web of Lake Michigan
igraphdata	Food Web	Mond	Food web of Modego Estuary
igraphdata	Food Web	Narra	Food web of Narragansett Bay
igraphdata	Food Web	Rhode	Food web of Rhode River Watershed
igraphdata	Food Web	St Marks	Food web of St Marks River
igraphdata	Food Web	Gram dry	Food web of Everglades Graminoids (dry season)
igraphdata	Food Web	Gram wet	Food web of Everglades Graminoids (wet season)
igraphdata	Food Web	Mang dry	Food web of Mangrove Estuary (dry season)
igraphdata	Food Web	Mang wet	Food web of Mangrove Estuary (wet season)
igraphdata	Biological	Immuno	Immunoglobulin interaction network
igraphdata	Biological	Yeast	Yeast protein interaction network
igraphdata	Biological	Brain	Visuotactile brain areas and connections
networkdata	Biological	Ants_1	Ant colony
networkdata	Biological	Ants_2	Ant colony
networkdata	Biological	Protein	Protein interactions
networkdata	Biological	Meta_Areans	Metabolic network of the roundworm <i>Caenorhabditis elegans</i>
networkdata	Infrastructure	Euro	Europe road network
networkdata	Infrastructure	USFlights	US Flights networks (2010)
networkdata	Infrastructure	Chicago	Chicago road transportation network
igraphdata	Infrastructure	USAirports	US Airport network (2010)
networkdata	Infrastructure	bktecc	Interactions in a technical research group at a West Virginia University
networkdata	Infrastructure	Covert_16	Network of hyperlinks between domestic terrorist group websites

networkdata	Infrastructure	powergrid	Network of the USA western states power grid
networkdata	Infrastructure	Usa_borders	Network of USA bordering states
igraphdata	Social	Hosp	Records of contacts among patients and various types of health care workers
networkdata	Social	Czech	Czech corruption
igraphdata	Social	EnEmail	Enron email network
igraphdata	Social	UKFaculty	Friendship network of UK university faculty
Swedish National Data Service	Social	MPNetKVA	Kristianstad vattenrik “ Biosphere programme
Swedish National Data Service	Social	MPNetFABN	“Frontenac Arch” Biosphere programme
Swedish National Data Service	Social	MPNetGBBR	“Georgian Bay” Biosphere programme
Swedish National Data Service	Social	MPNetOV	“Östra Vätternbranterna” Biosphere programme
Swedish National Data Service	Social	MPNetAHVVF	Hjalmaren water council actors
Swedish National Data Service	Social	MPNetAMVVF	Malaren water council actors
networkdata	Social	FT	Fishermen Ties
networkdata	Social	WR1	Wildfire responders
networkdata	Social	Bott	Interactions of preschool children
networkdata	Social	Arenas_email	Email communication network at the University Rovira I Virgili
networkdata	Social	Highschool_boys	Friendships among high School boys
networkdata	Social	Dnc_coreipients	A network of people who received the same email leak.
networkdata	Social	ffe_friends	Friendships between the French financial elite
networkdata	Social	Law-cowork	Network of corporate law partnerships
networkdata	Social	sufersb	California windsurfer interactions