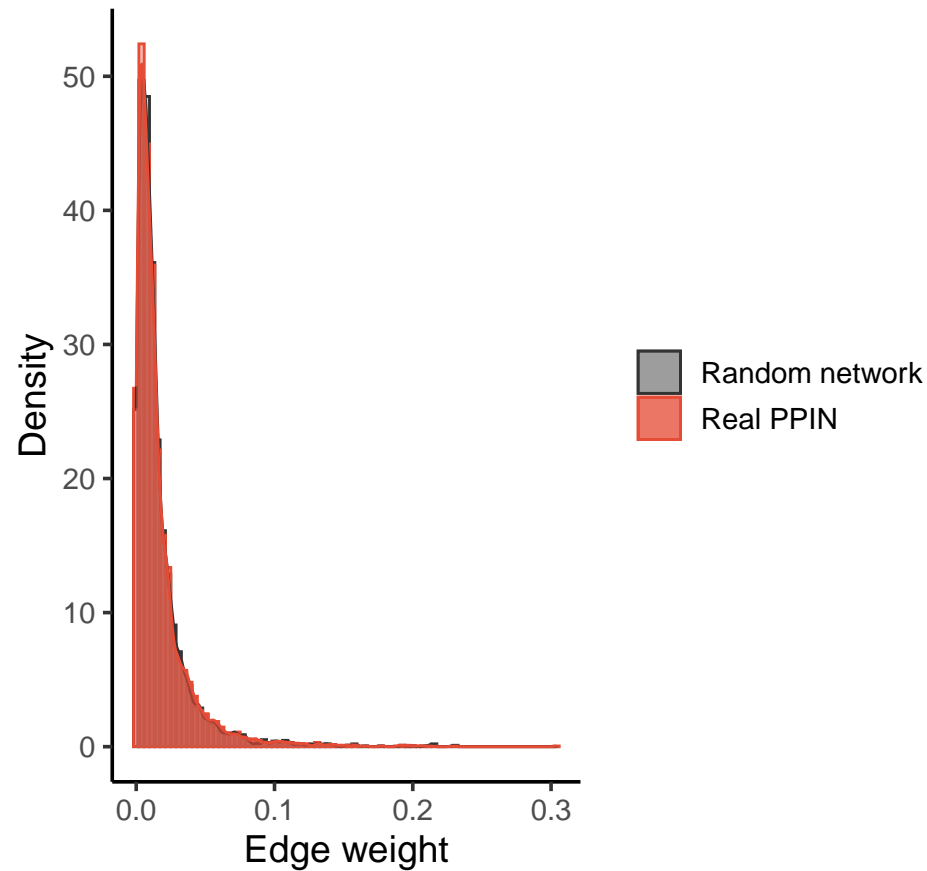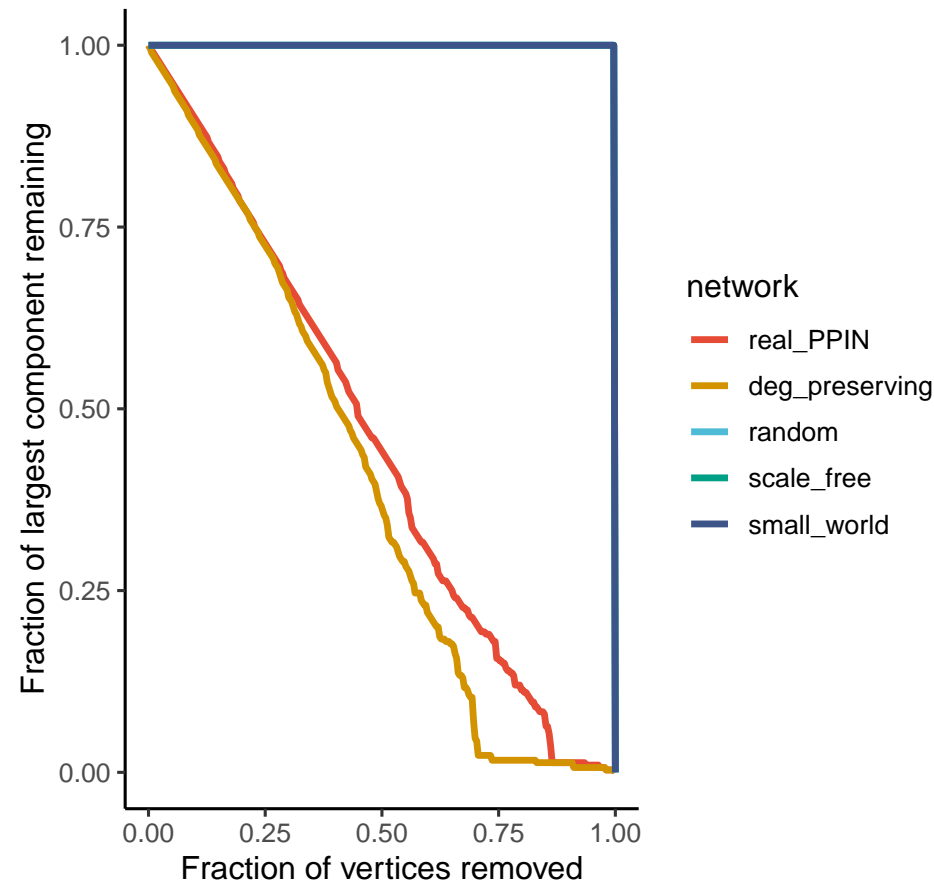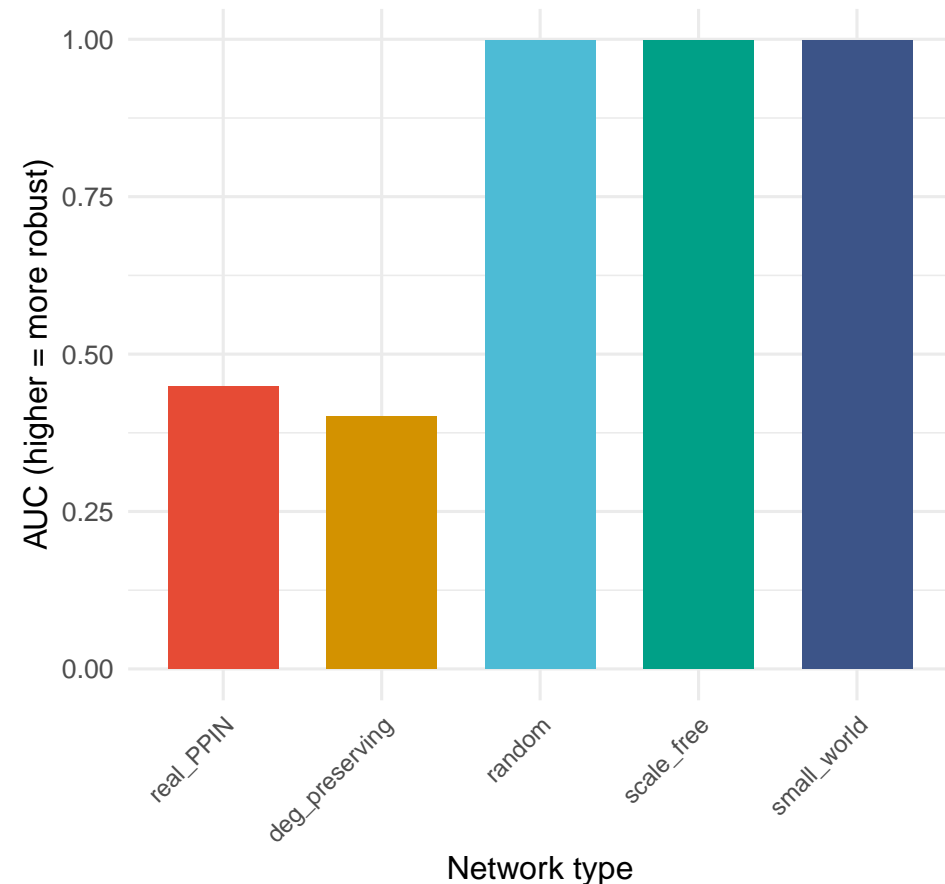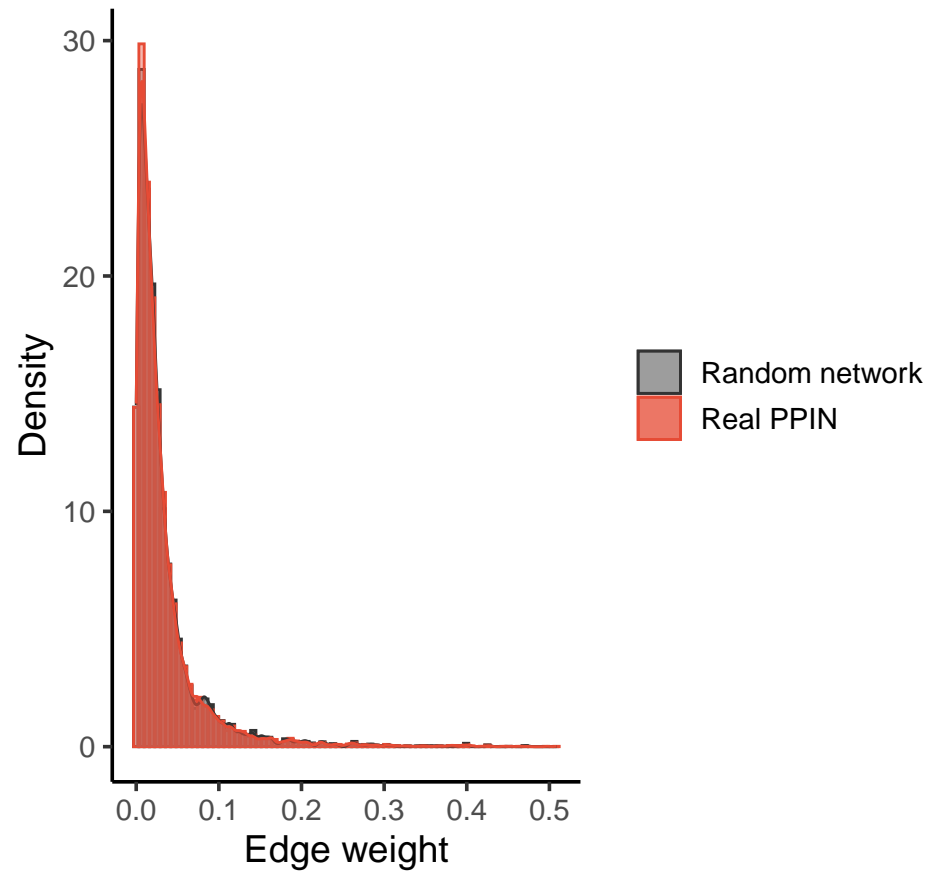**Edge–weight distribution**

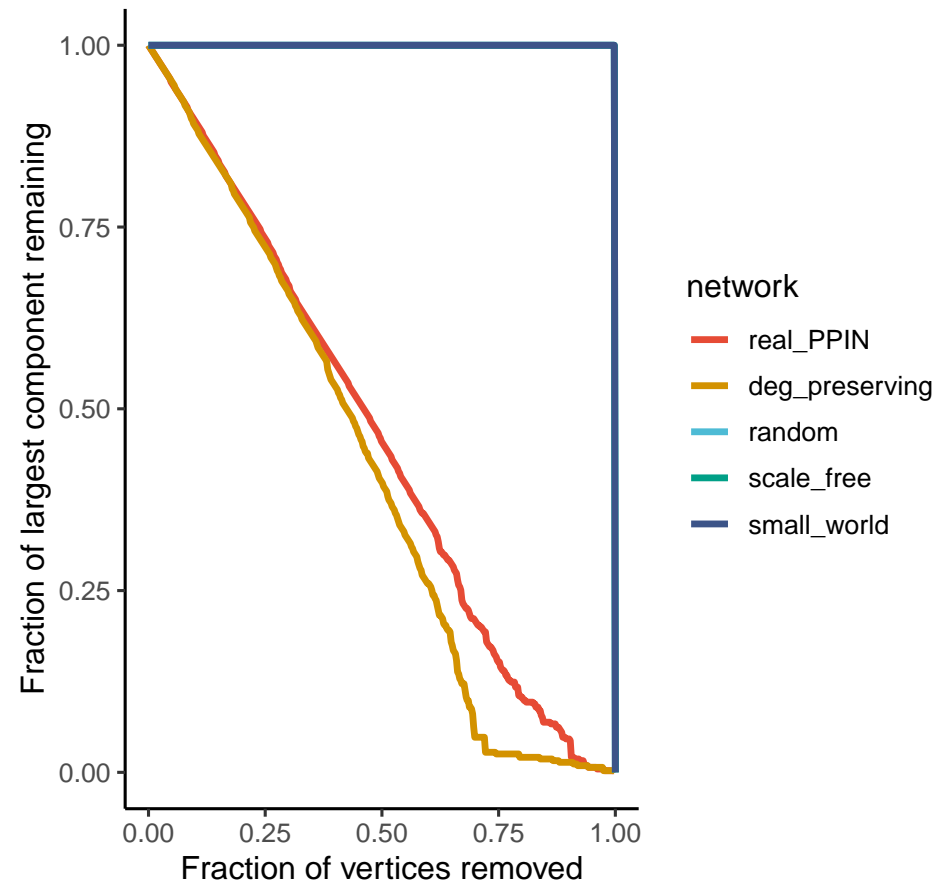HiG_1 fragmentation under targeted–node attack

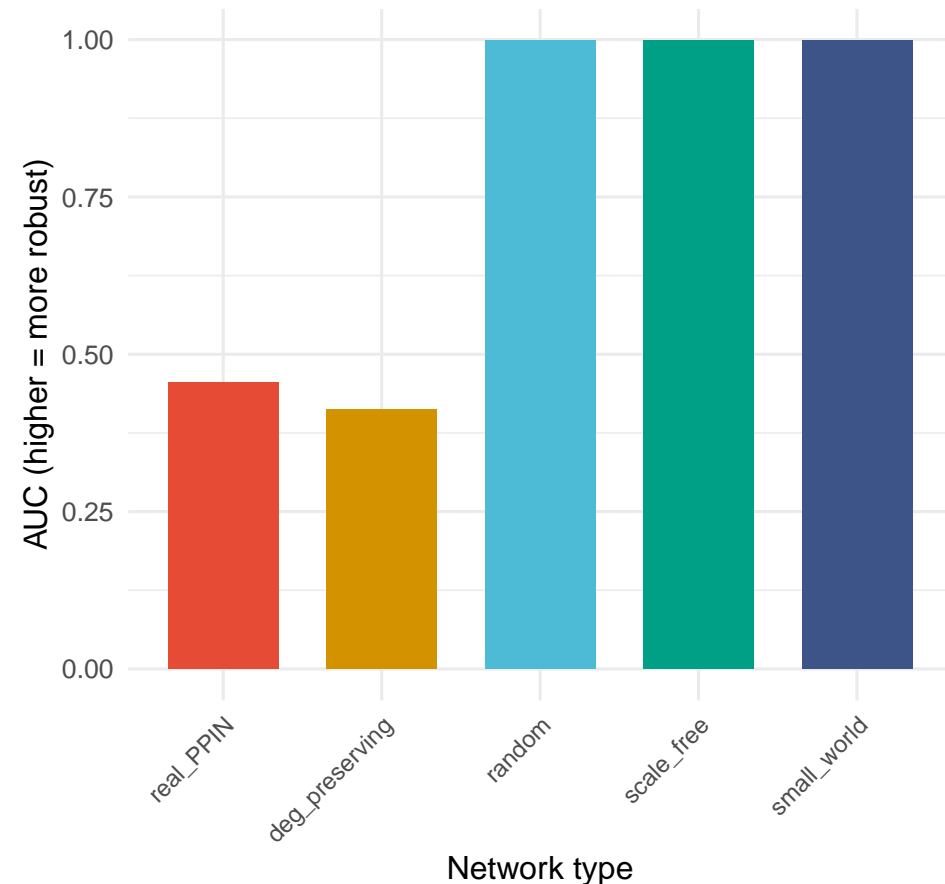HiG_1 resilience (AUC of fragmentation curve)
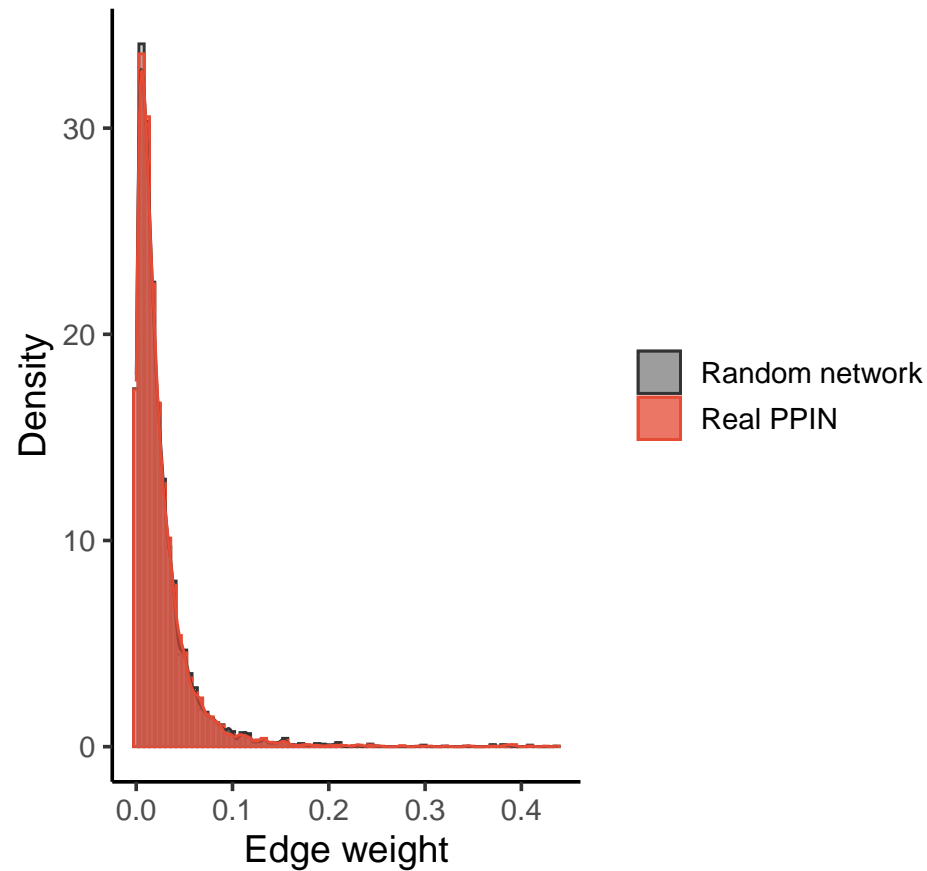
Edge–weight distribution

HiG_2 fragmentation under targeted–node attack

HiG_2 resilience (AUC of fragmentation curve)

Edge–weight distribution

Density

Edge weight

Random network
Real PPIN

HiG_3 fragmentation under targeted–node attack

Fraction of largest component remaining

Fraction of vertices removed

network

real_PPIN
deg_preserving
random
scale_free
small_world

HiG_3 resilience (AUC of fragmentation curve)

AUC (higher = more robust)

Network type

real_PPIN   deg_preserving   random   scale_free   small_world

Edge−weight distribution

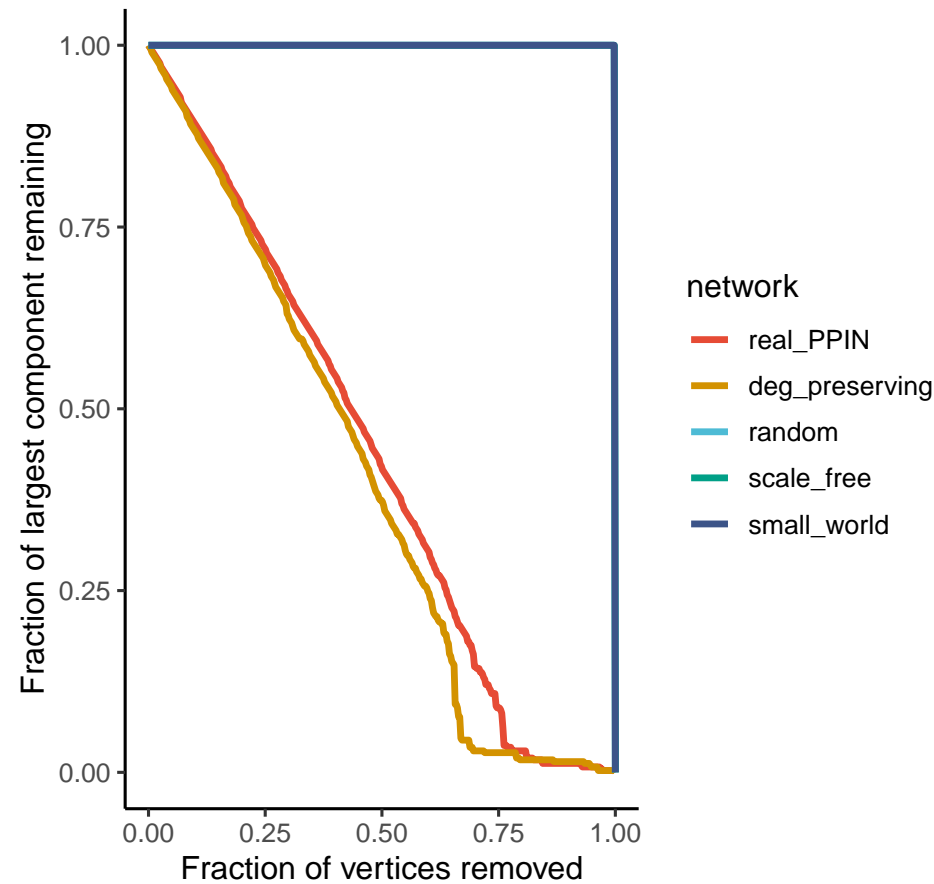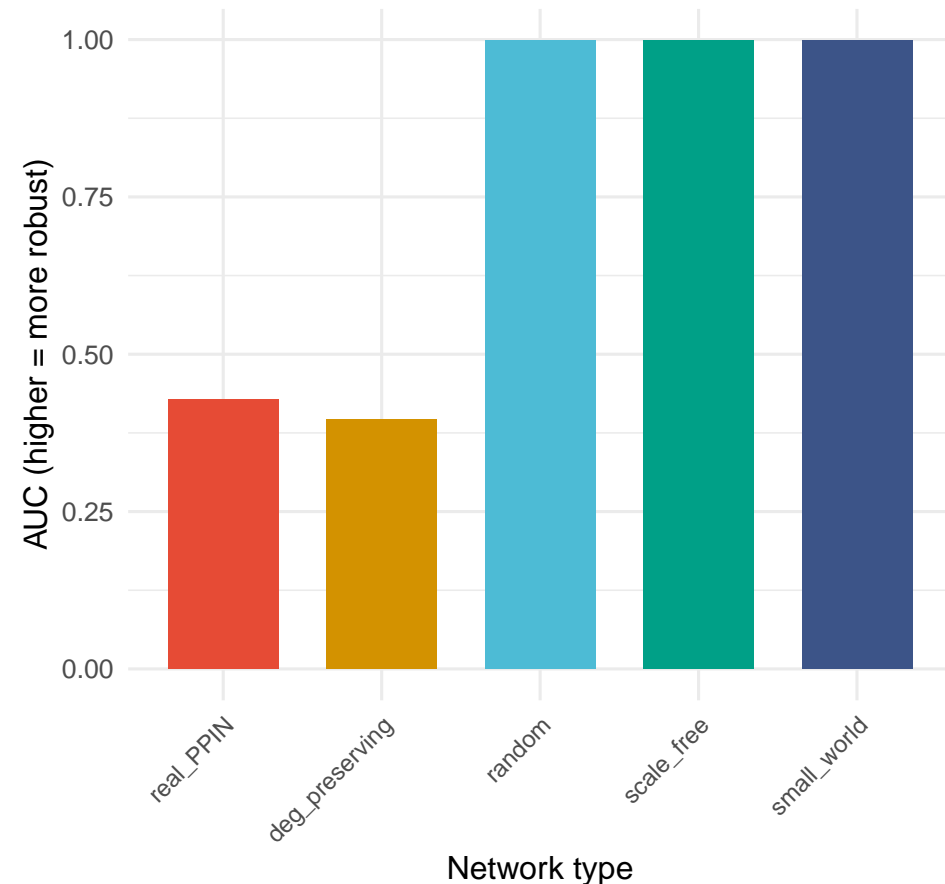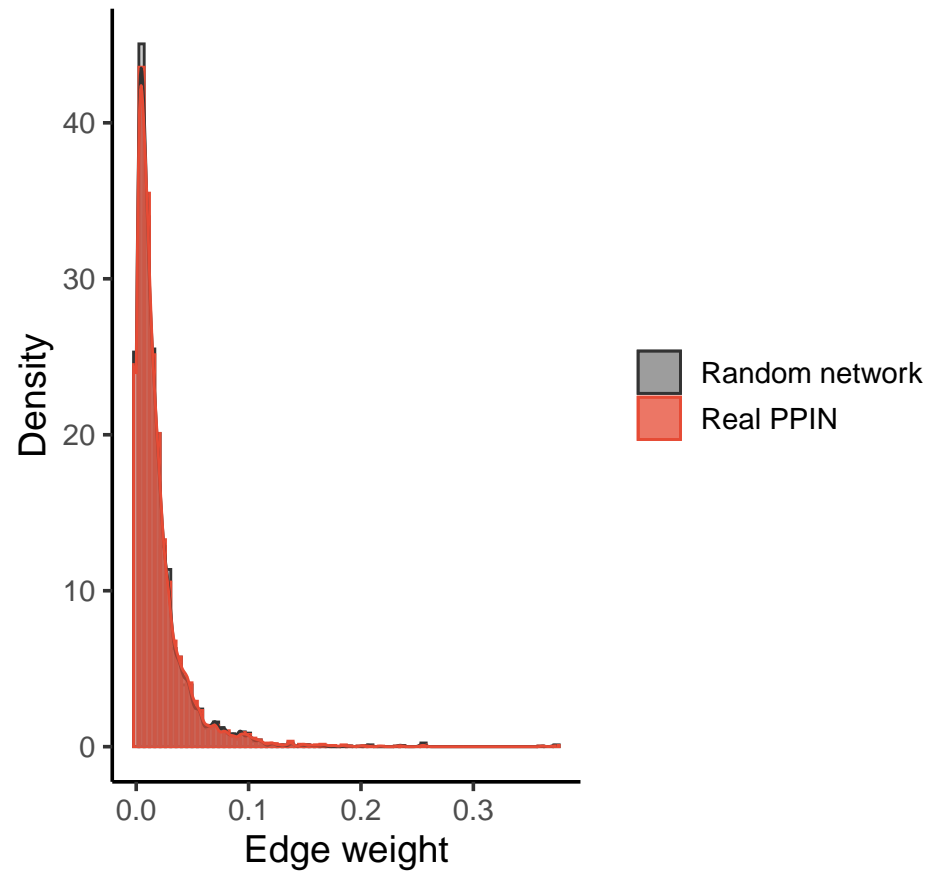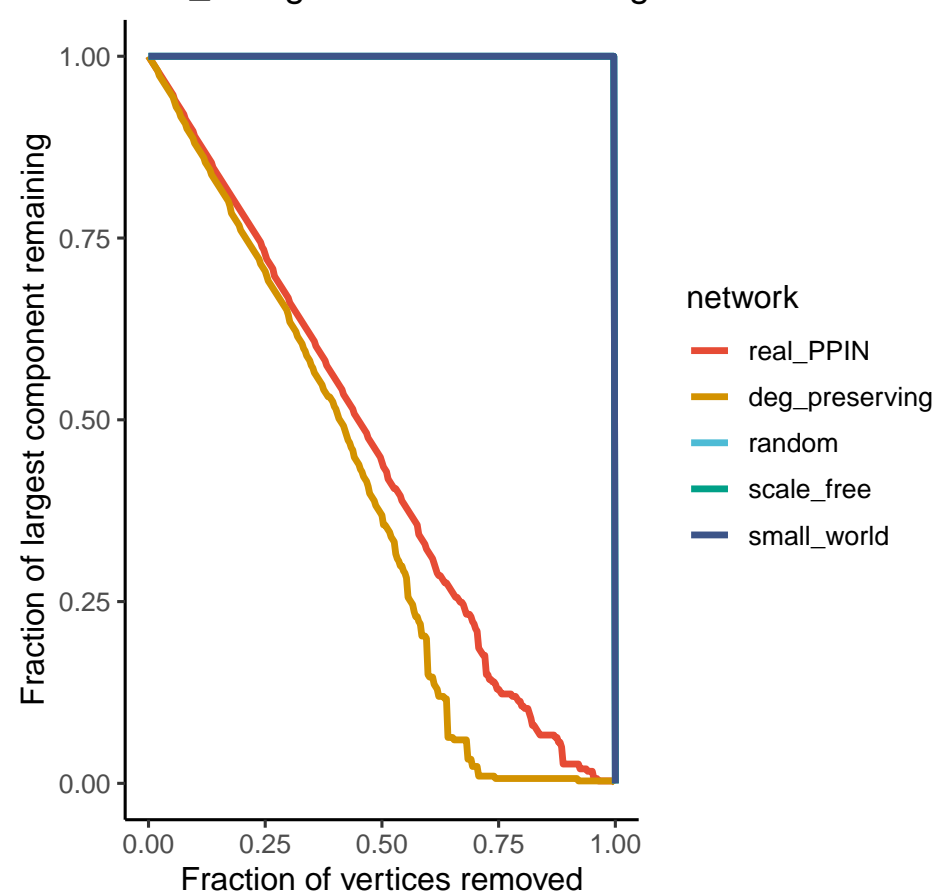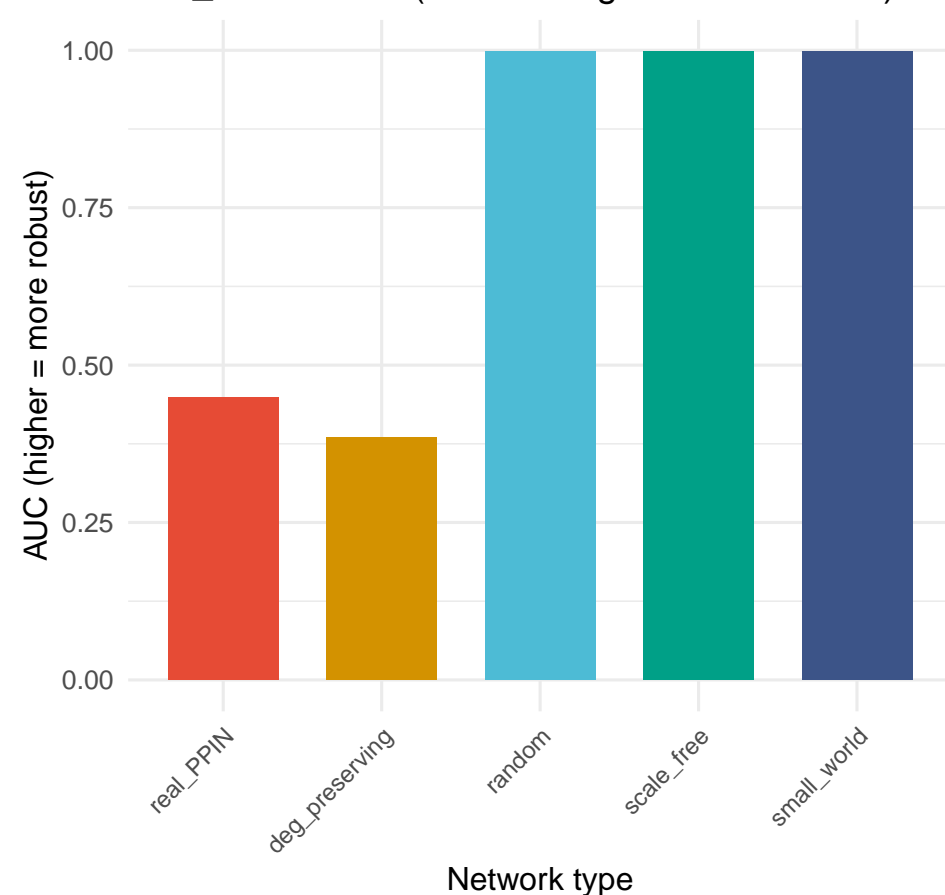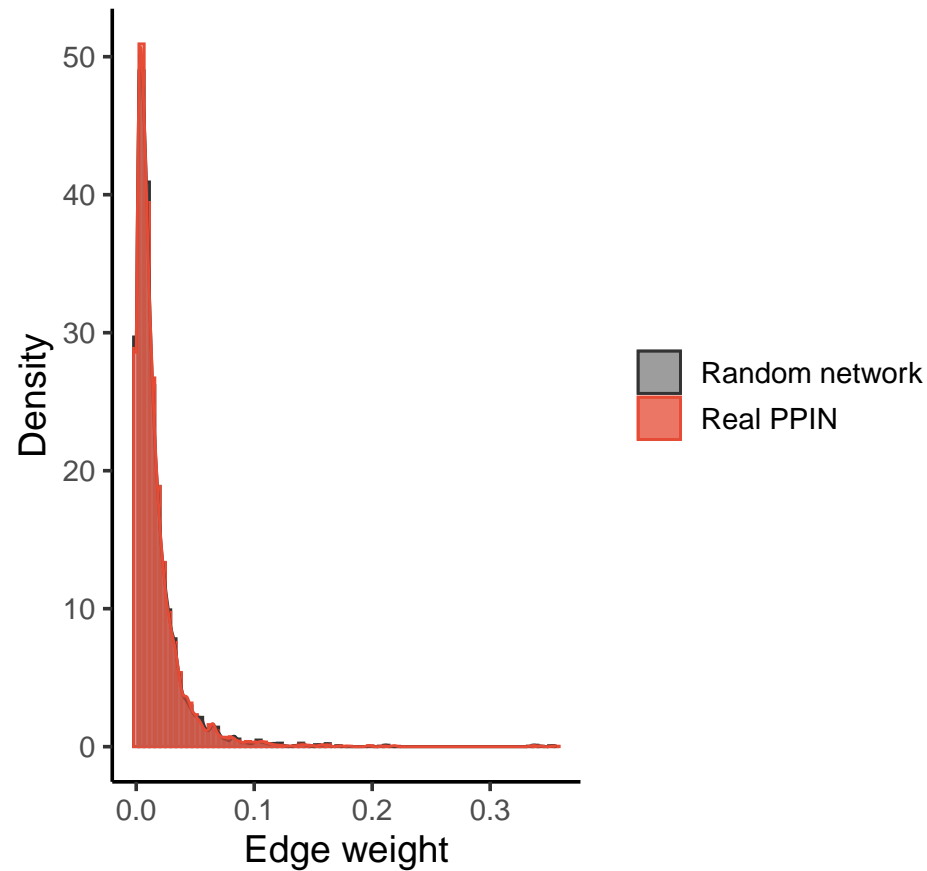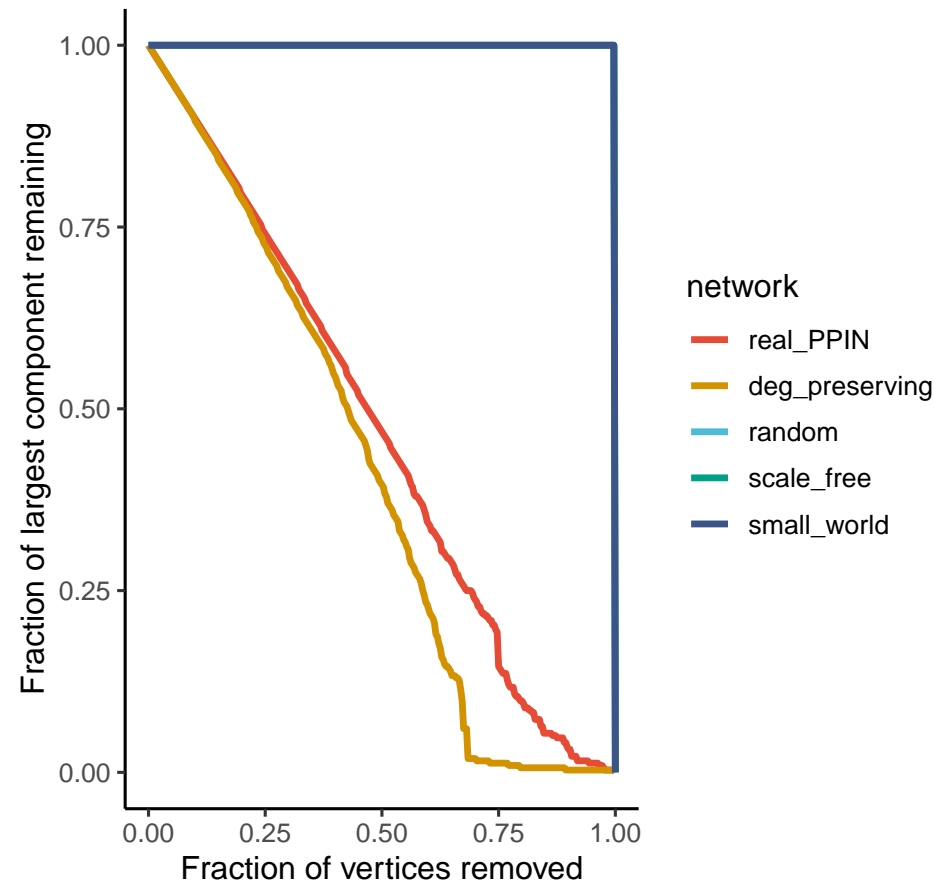**HiG_4 fragmentation under targeted−node attack**

HiG_4 resilience (AUC of fragmentation curve)
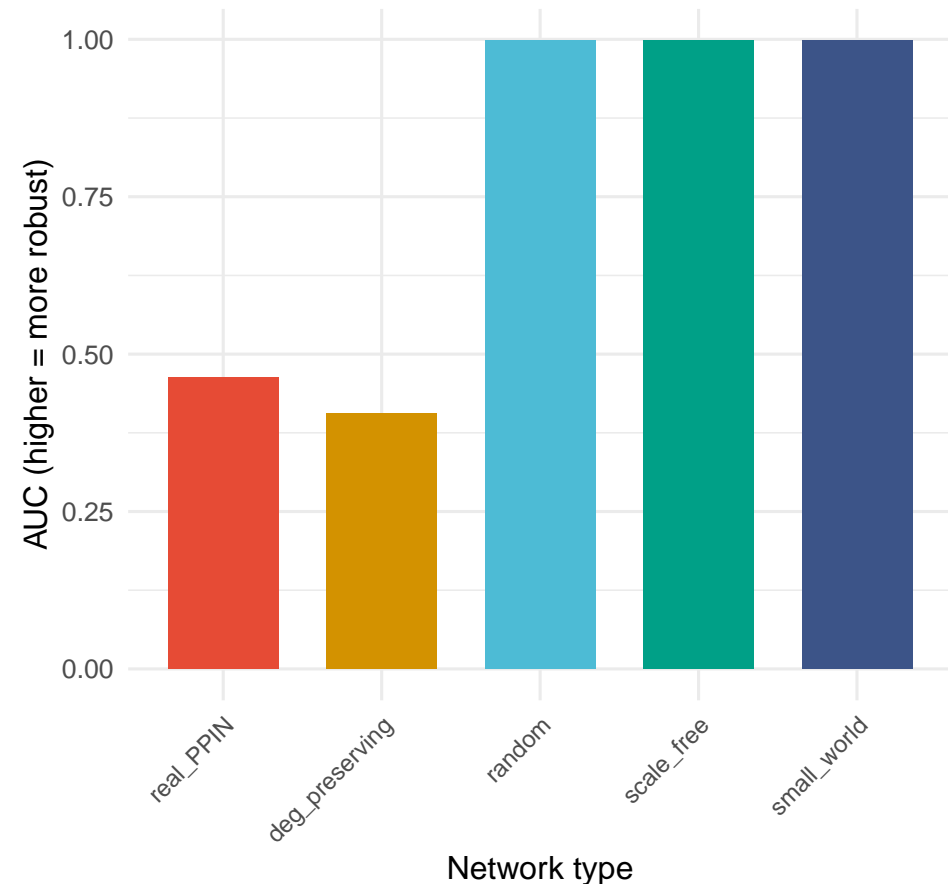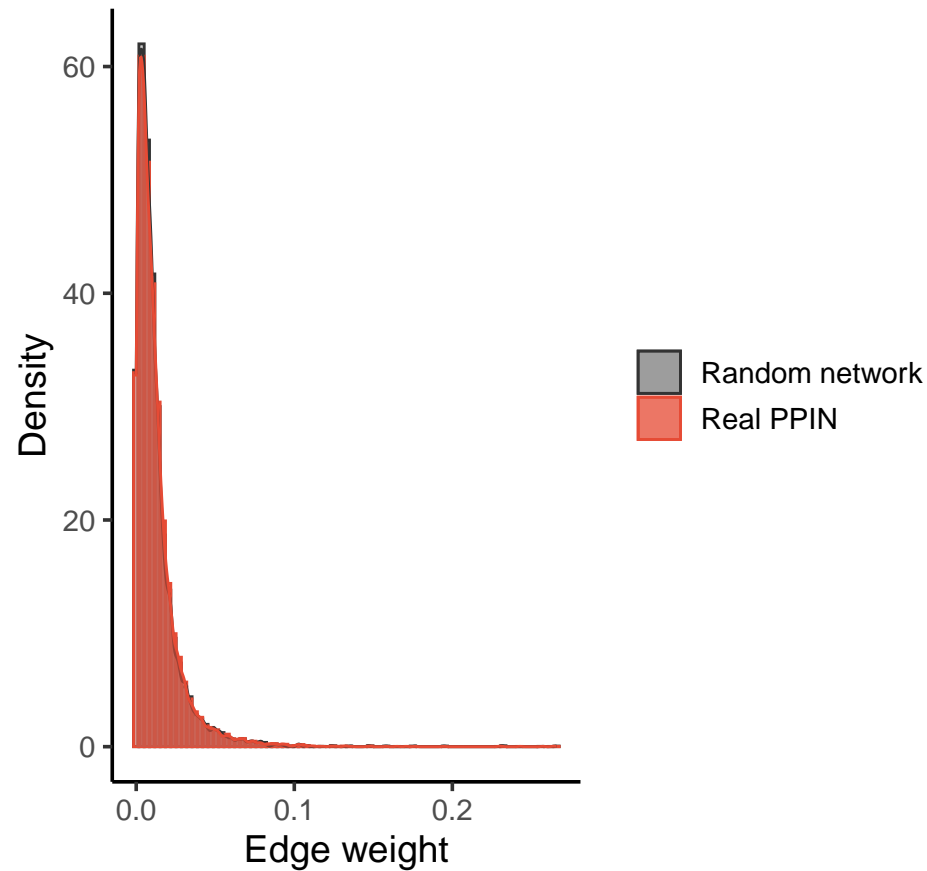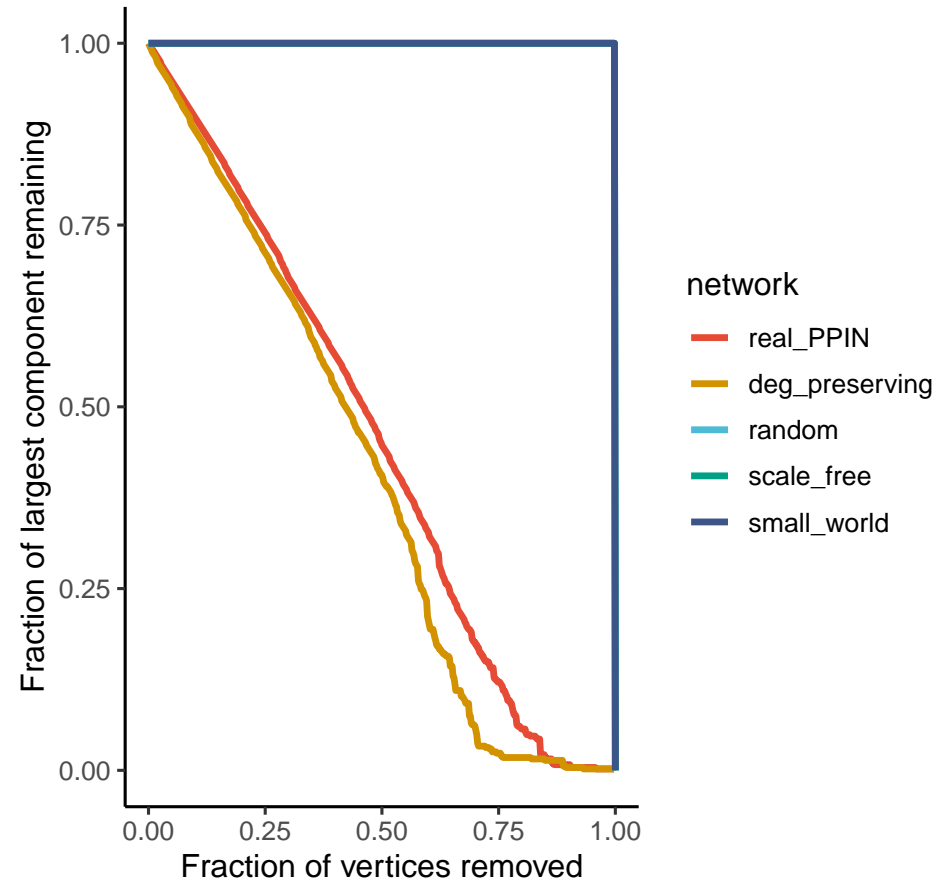
Edge−weight distribution

HiG_5 fragmentation under targeted−node attack

HiG_5 resilience (AUC of fragmentation curve)

Edge−weight distribution (left), **HiG_6 fragmentation under targeted−node attack** (center), **HiG_6 resilience (AUC of fragmentation curve)** (right)
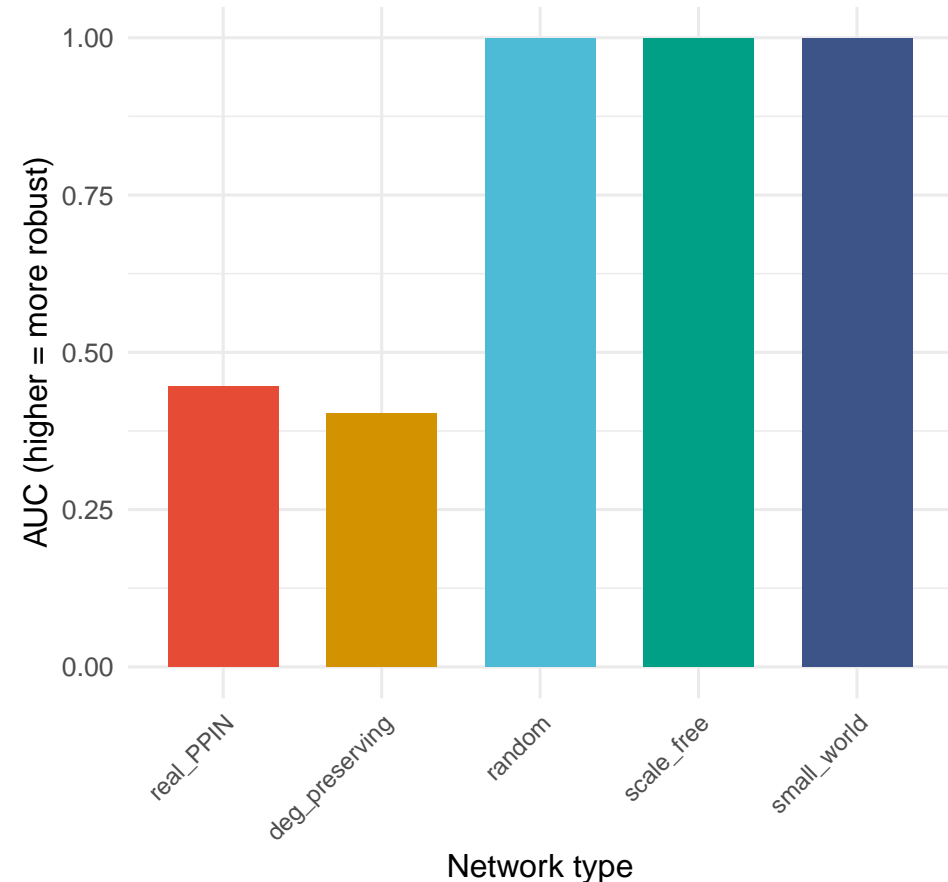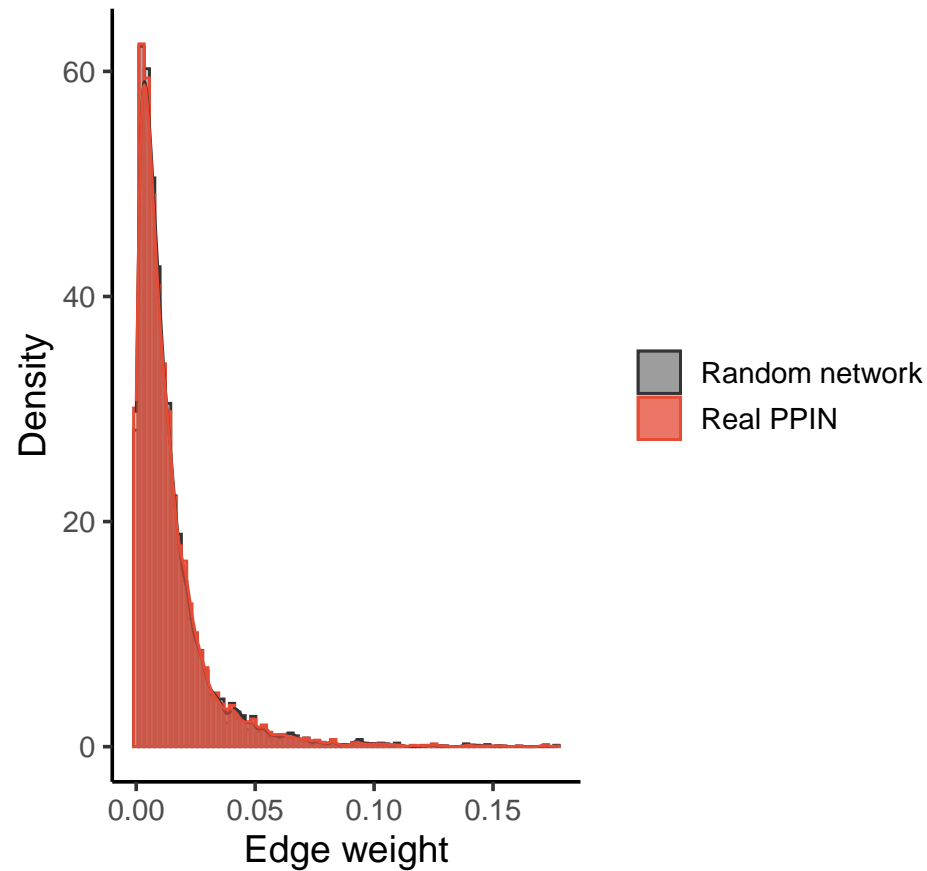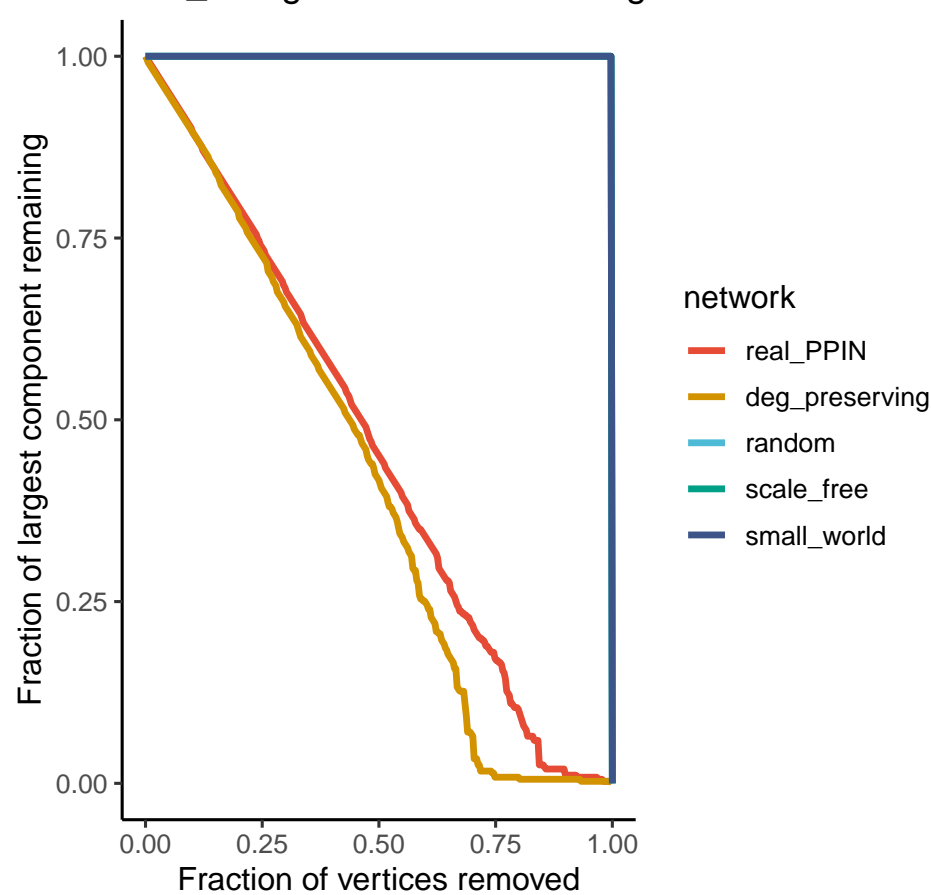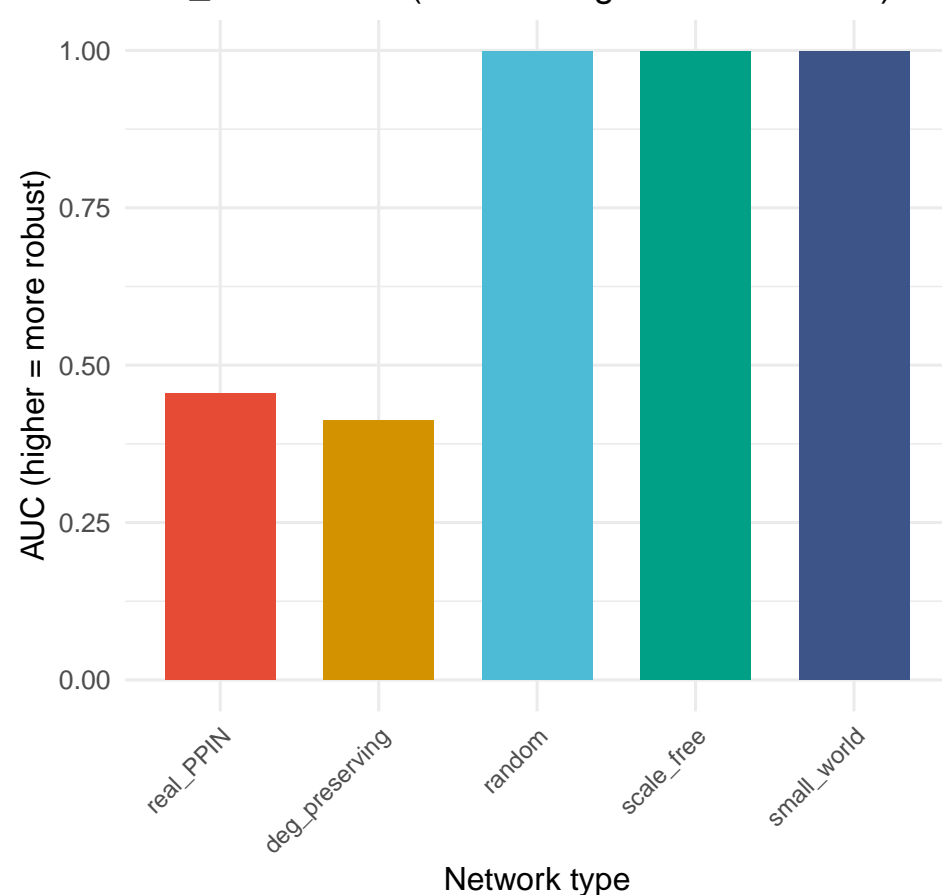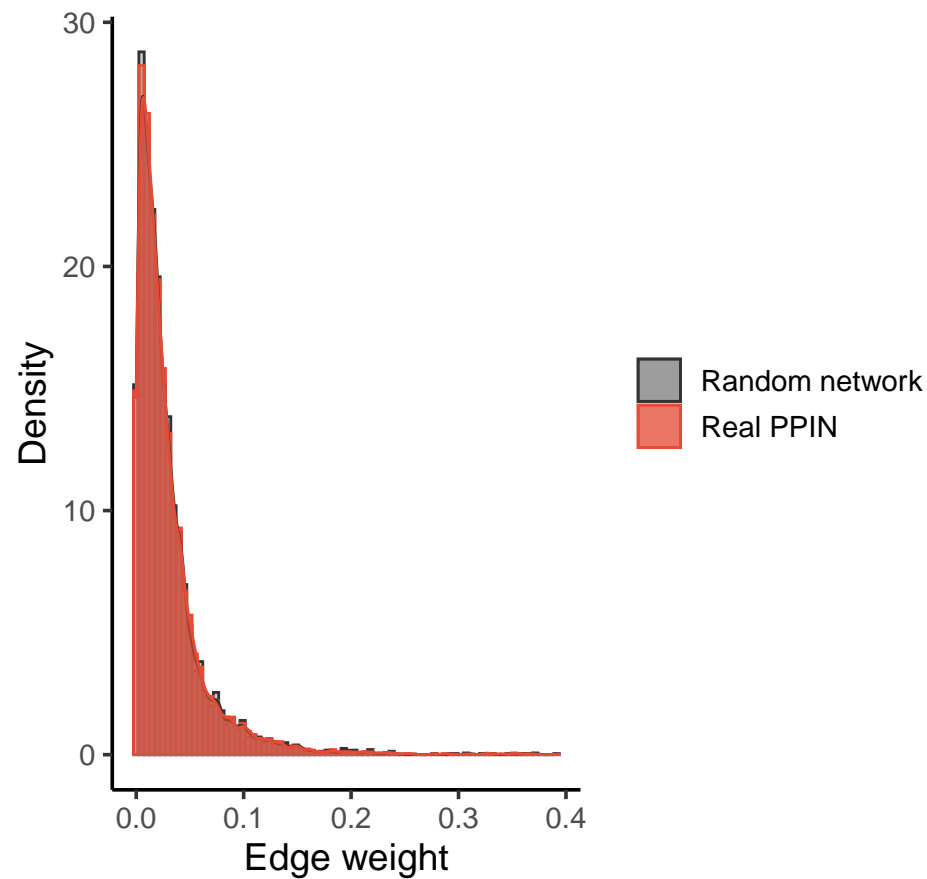
Edge–weight distribution

HiG_9 fragmentation under targeted–node attack

HiG_9 resilience (AUC of fragmentation curve)

Edge–weight distribution — Density versus Edge weight, comparing Random network and Real PPIN.

HiG_10 fragmentation under targeted–node attack — Fraction of largest component remaining versus Fraction of vertices removed for networks: real_PPIN, deg_preserving, random, scale_free, small_world.

HiG_10 resilience (AUC of fragmentation curve) — AUC (higher = more robust) by Network type: real_PPIN, deg_preserving, random, scale_free, small_world.

Edge−weight distribution

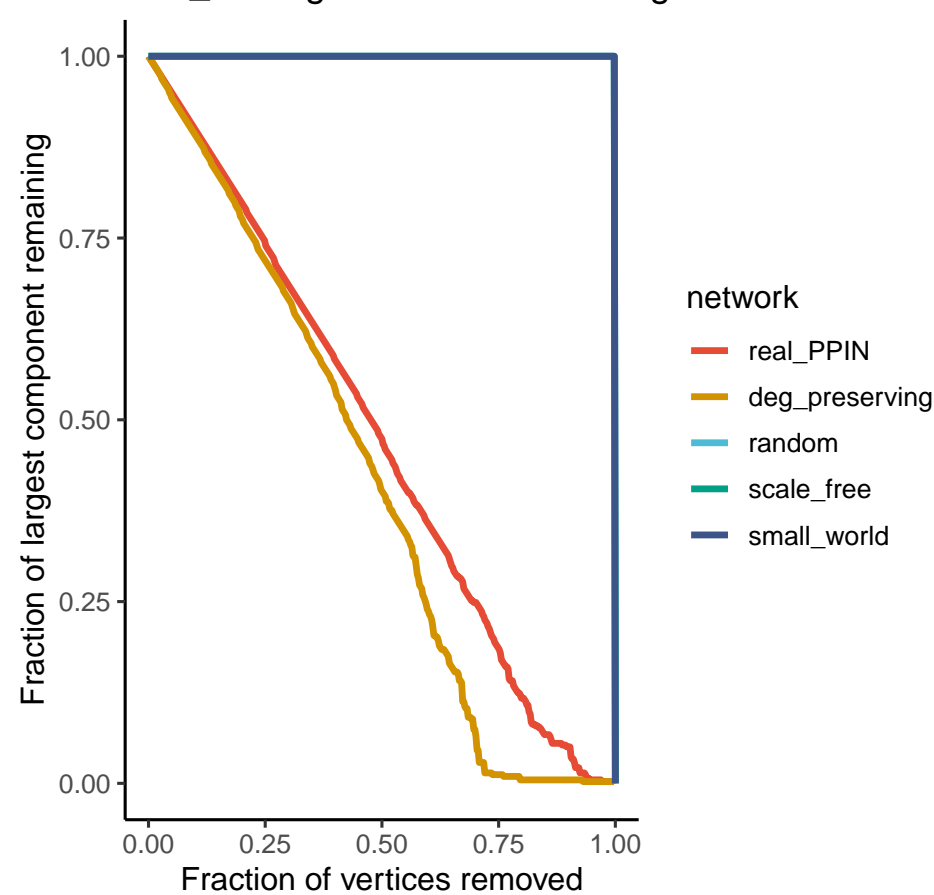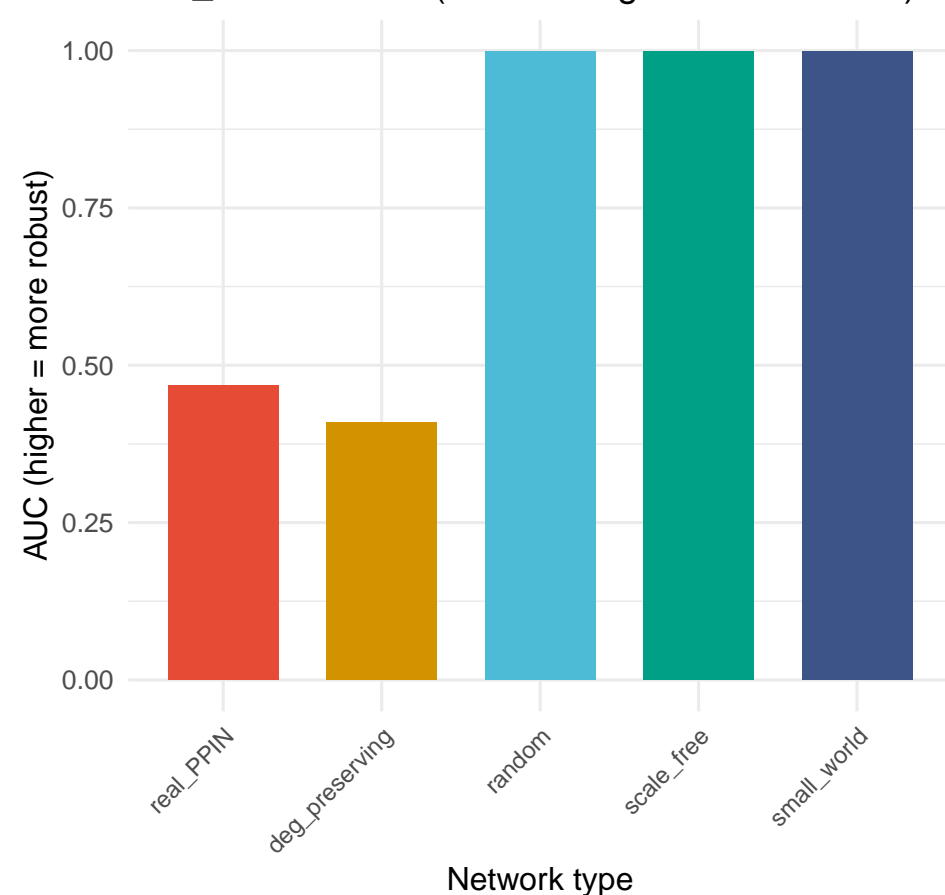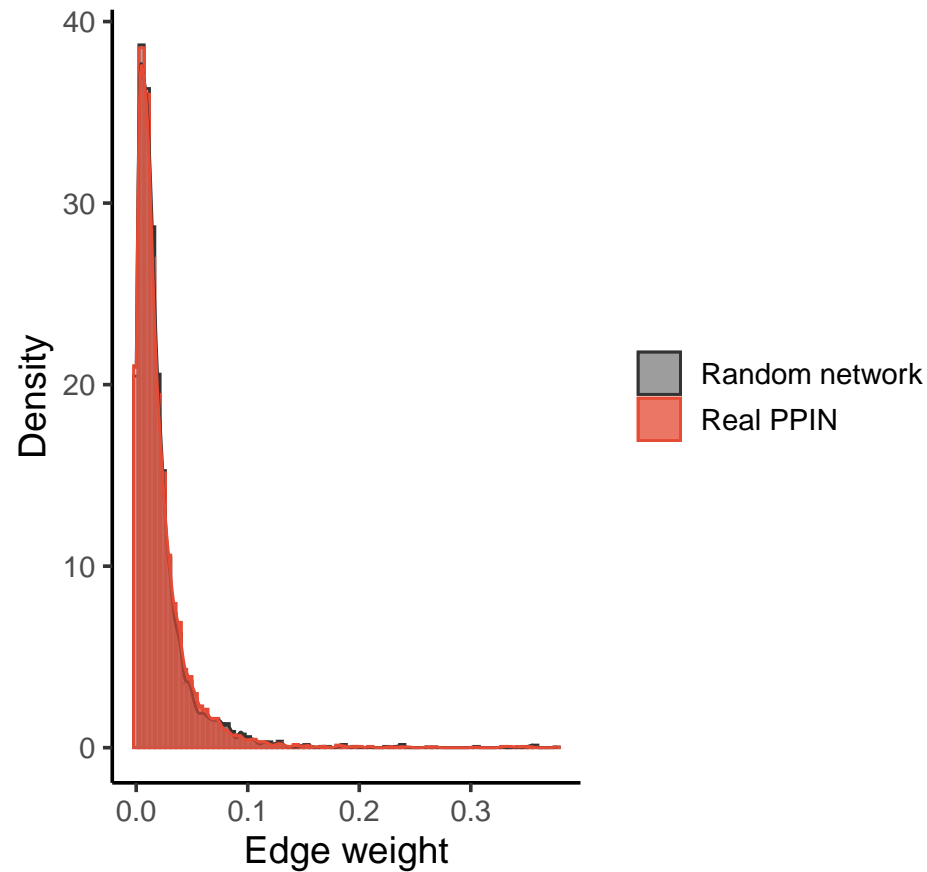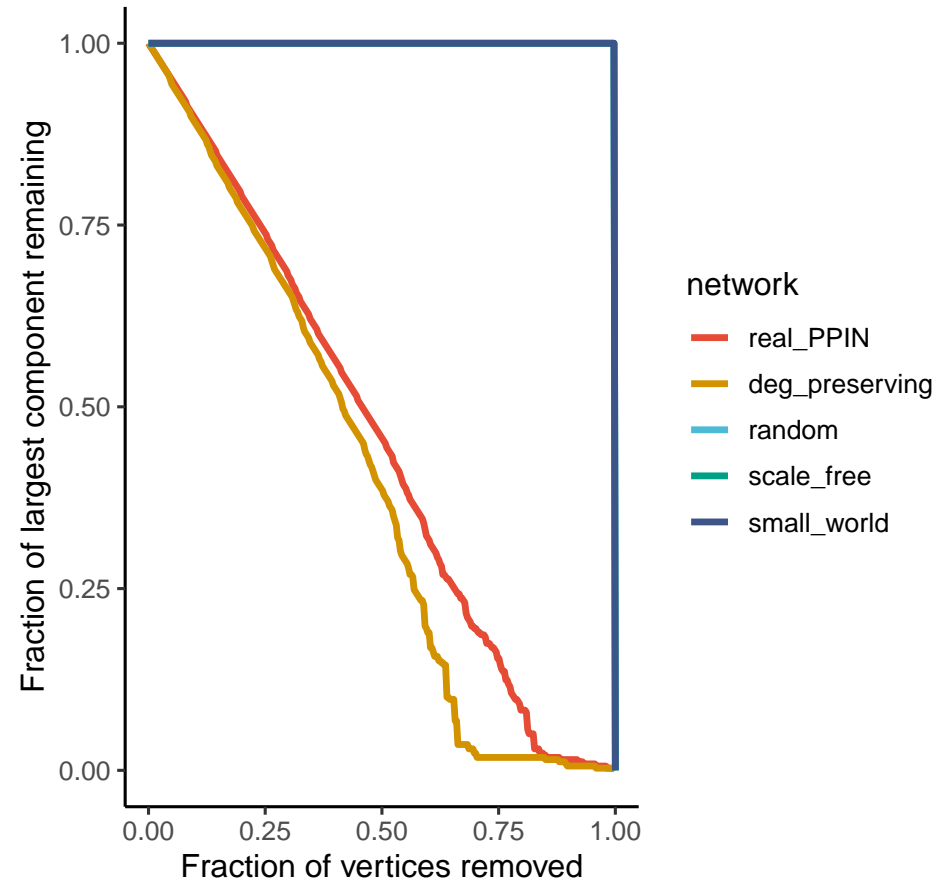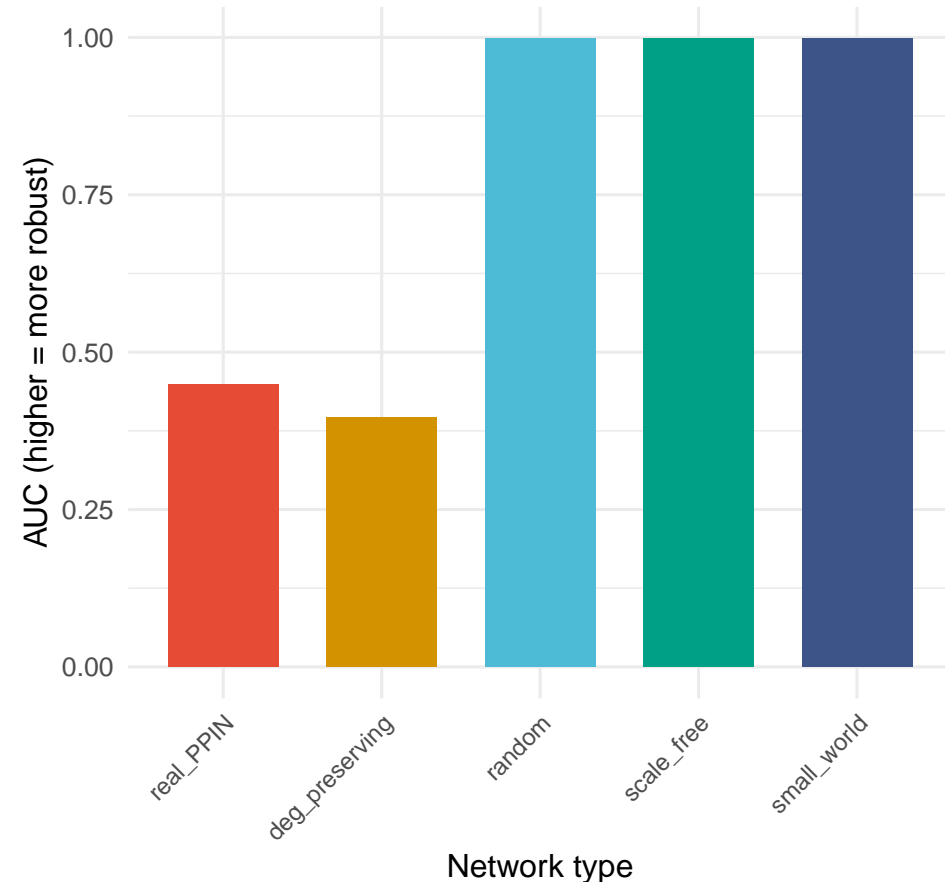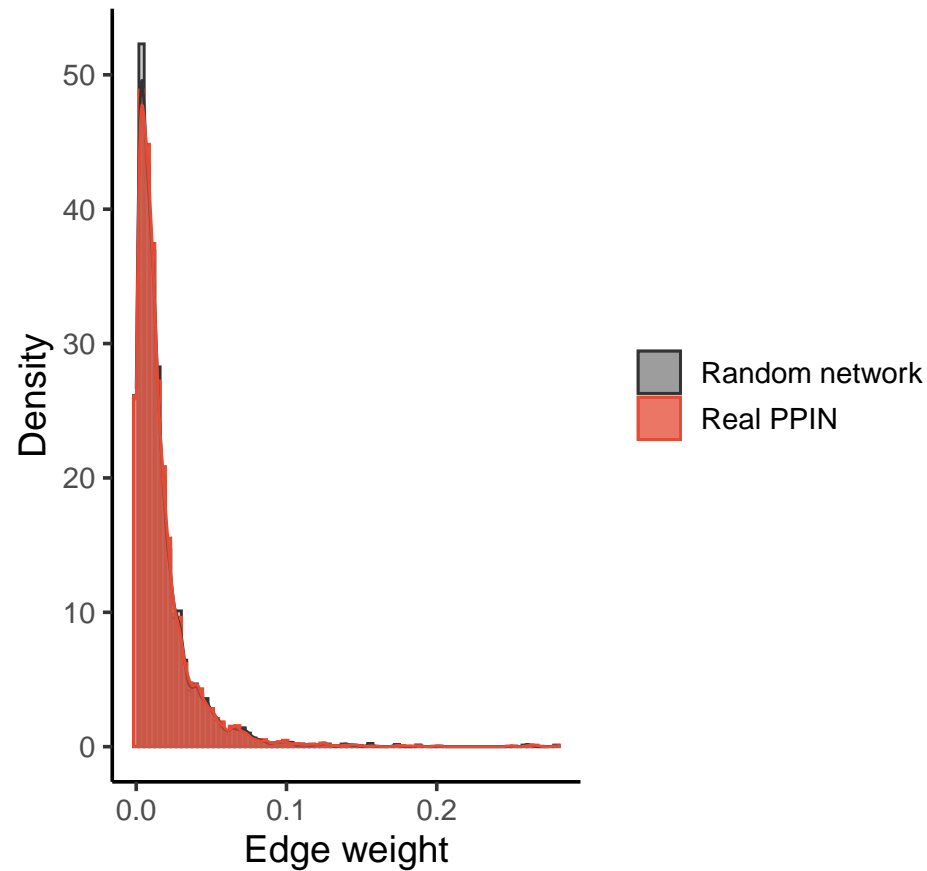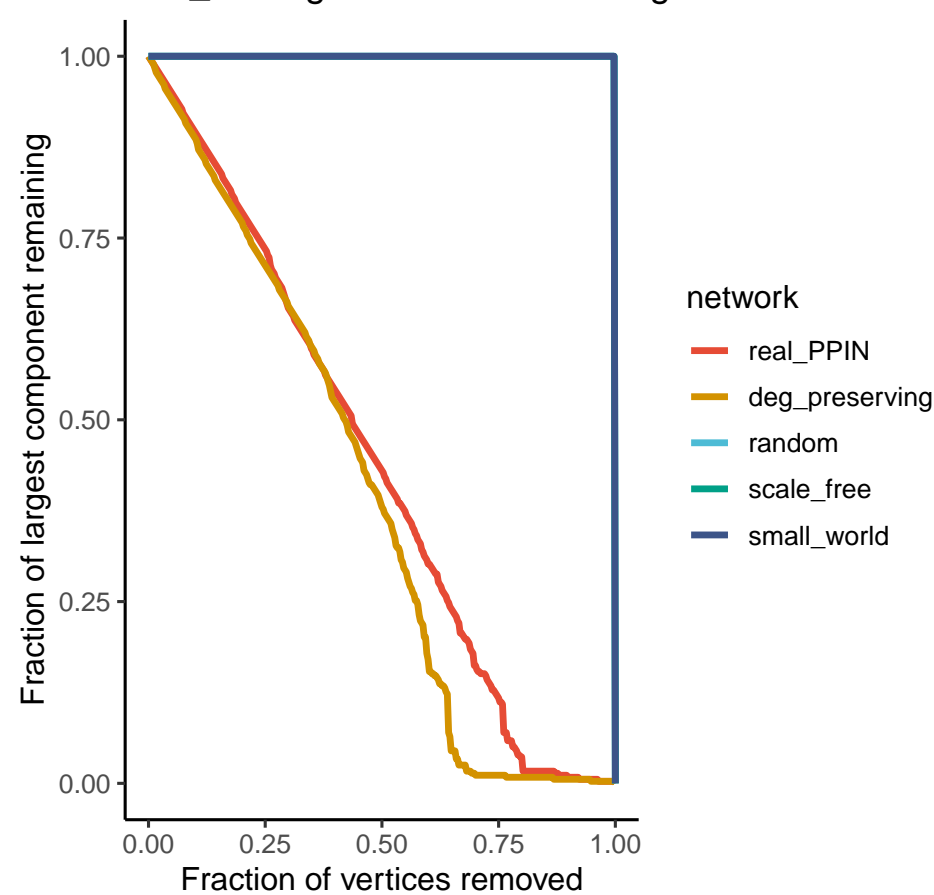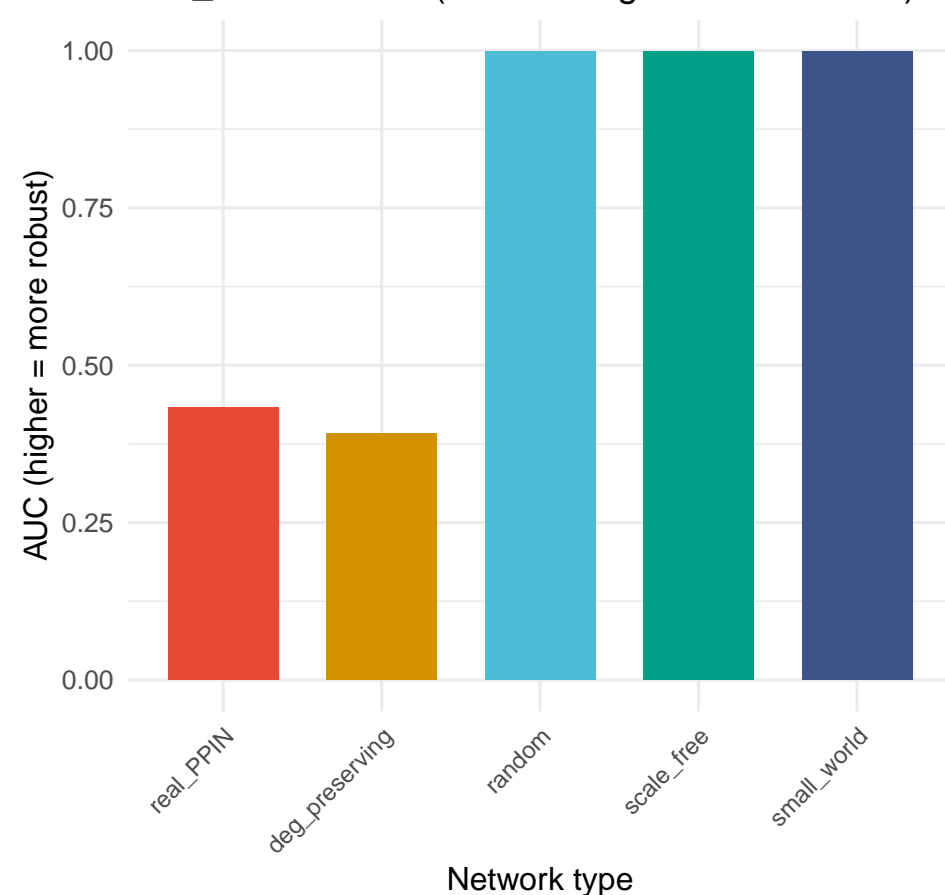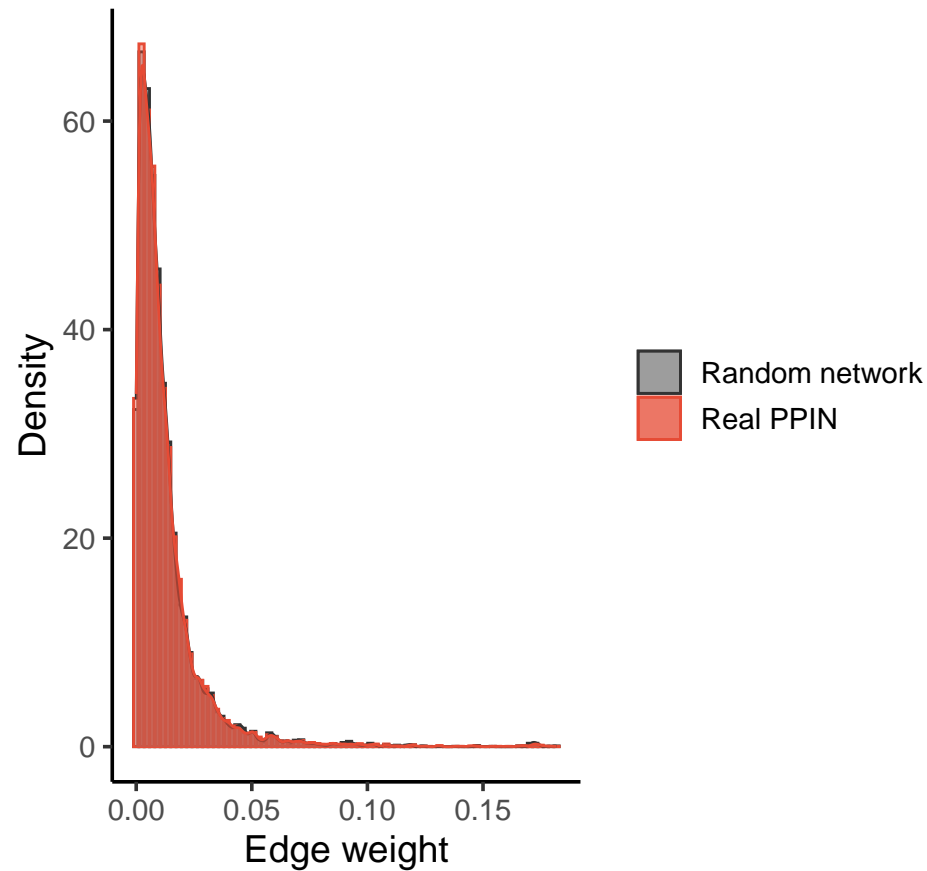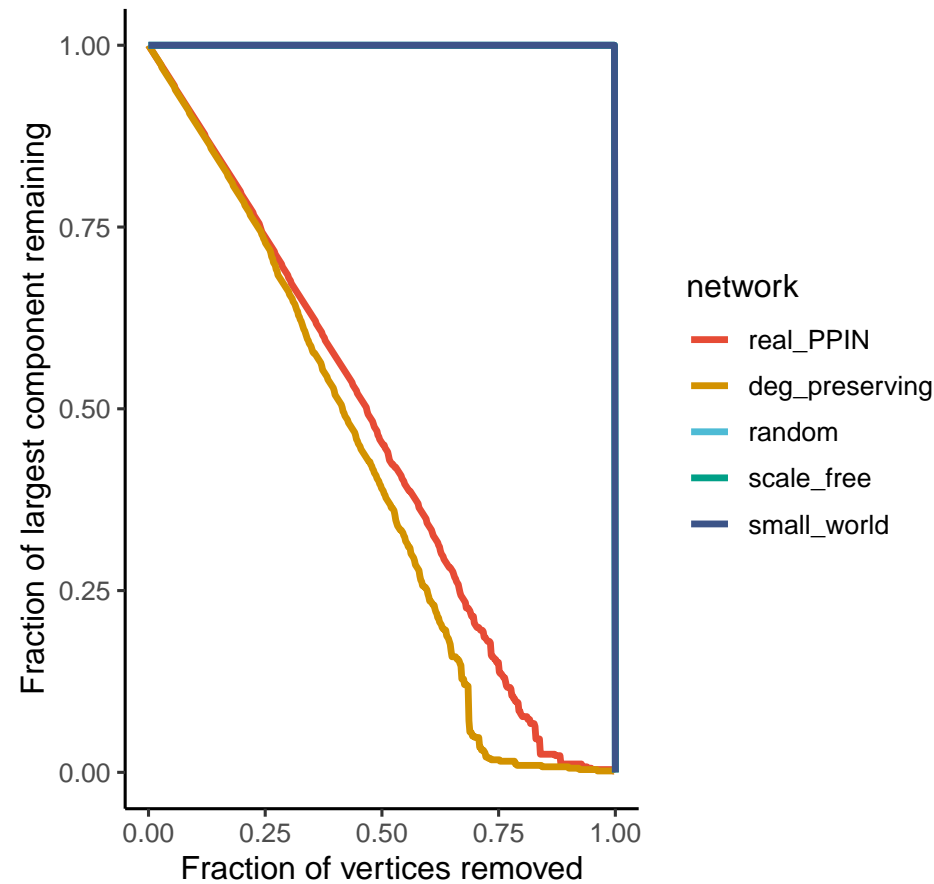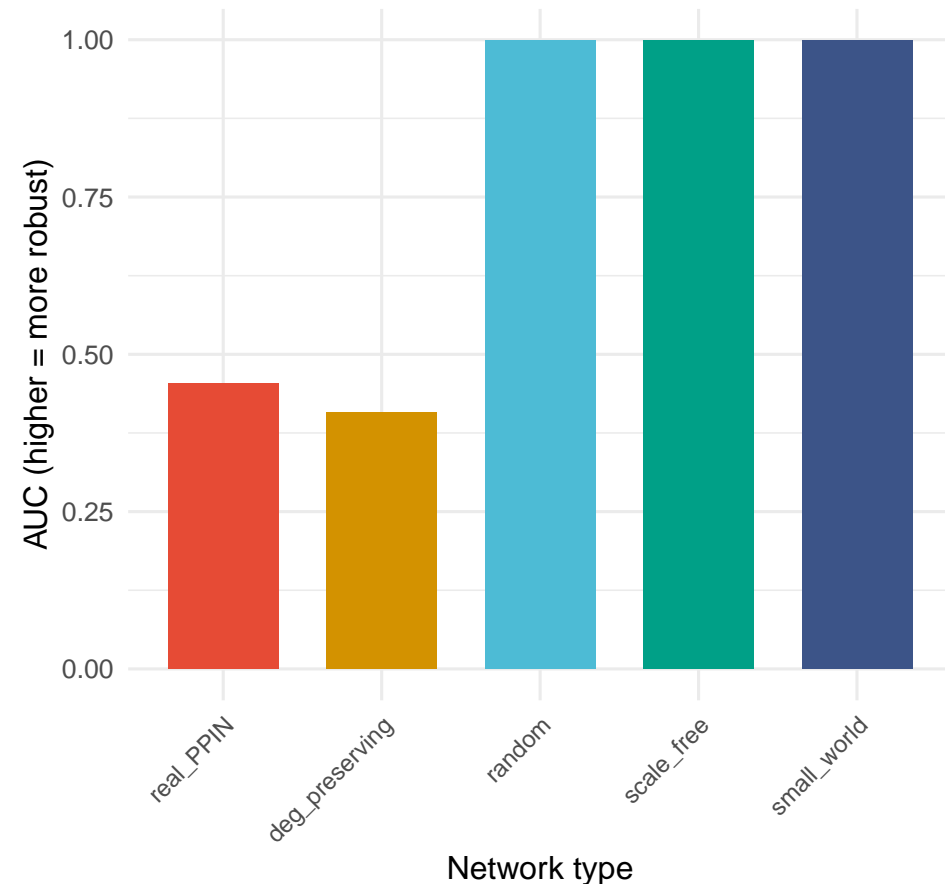HiG_12 fragmentation under targeted−node attack

HiG_12 resilience (AUC of fragmentation curve)

Edge-weight distribution | HiG_14 fragmentation under targeted-node attack | HiG_14 resilience (AUC of fragmentation curve)

Edge–weight distribution · HiG_17 fragmentation under targeted–node attack · HiG_17 resilience (AUC of fragmentation curve)
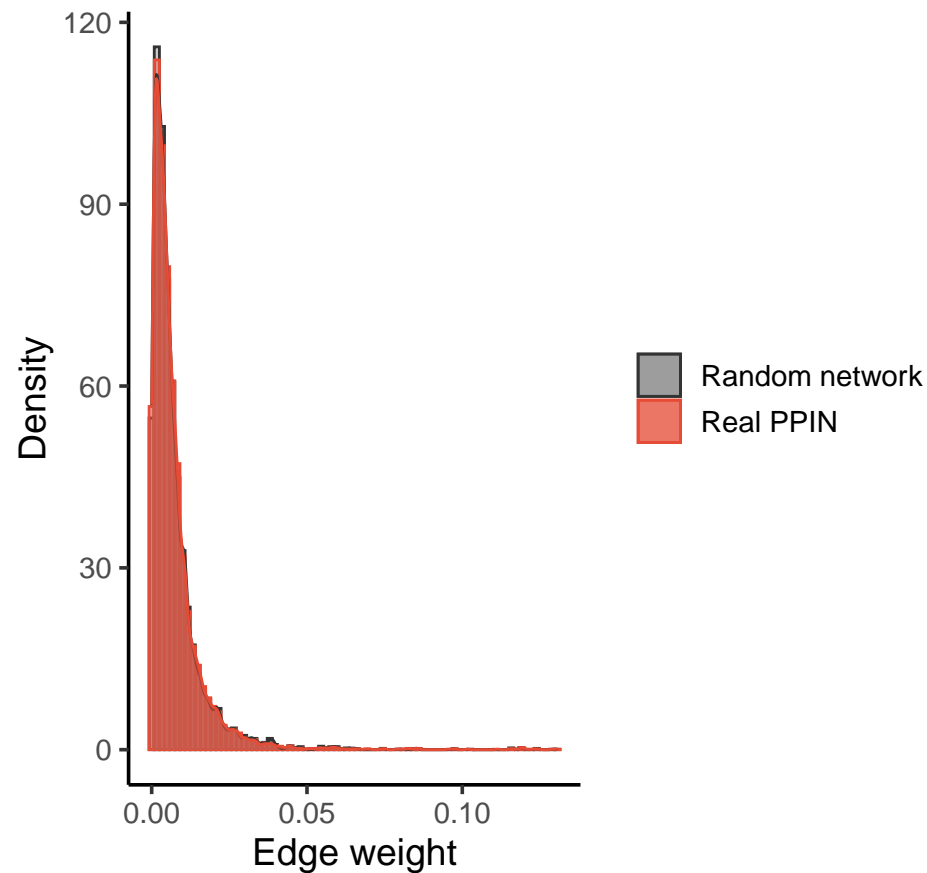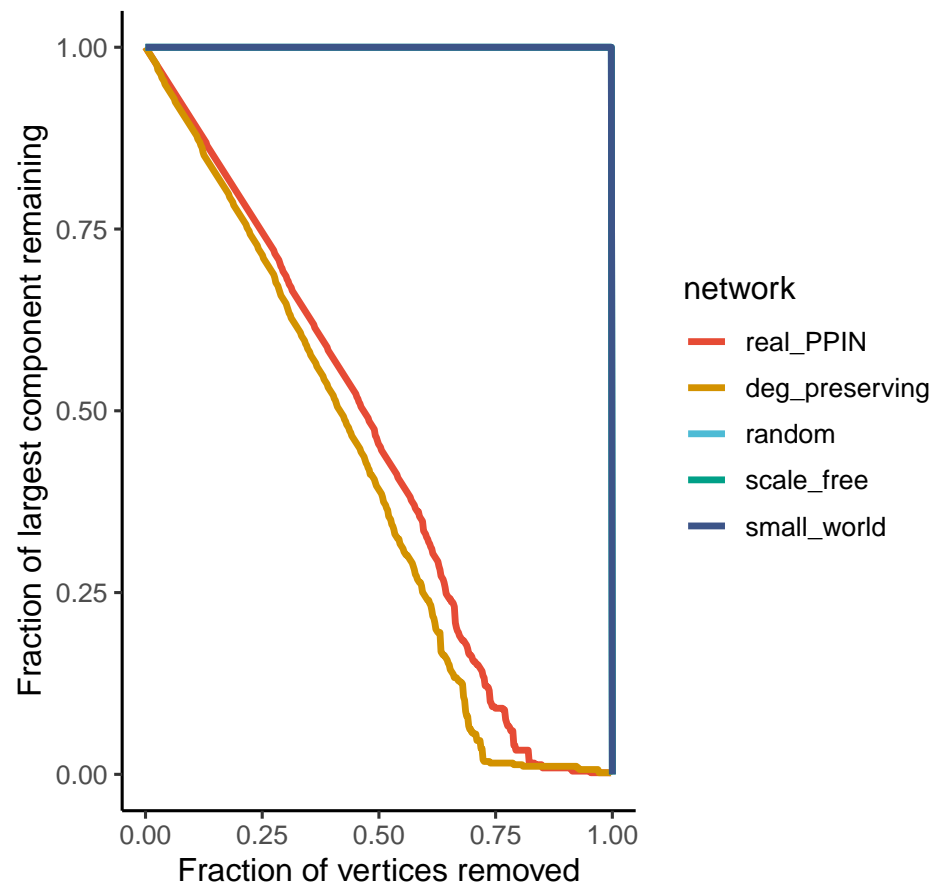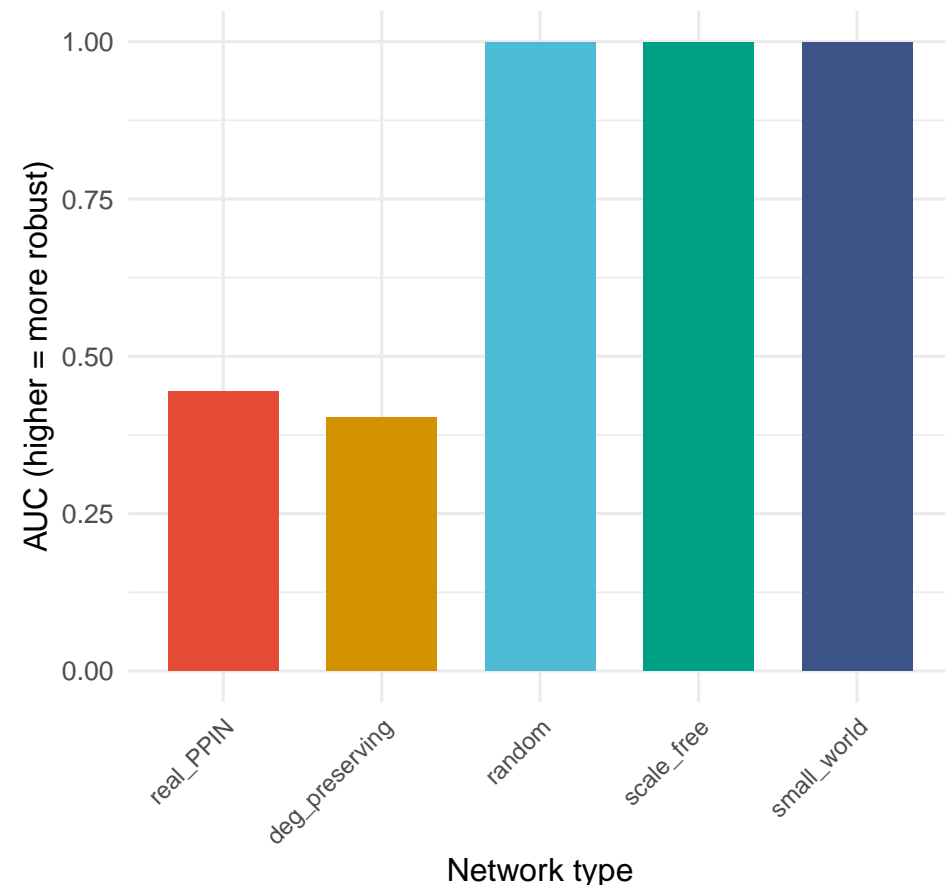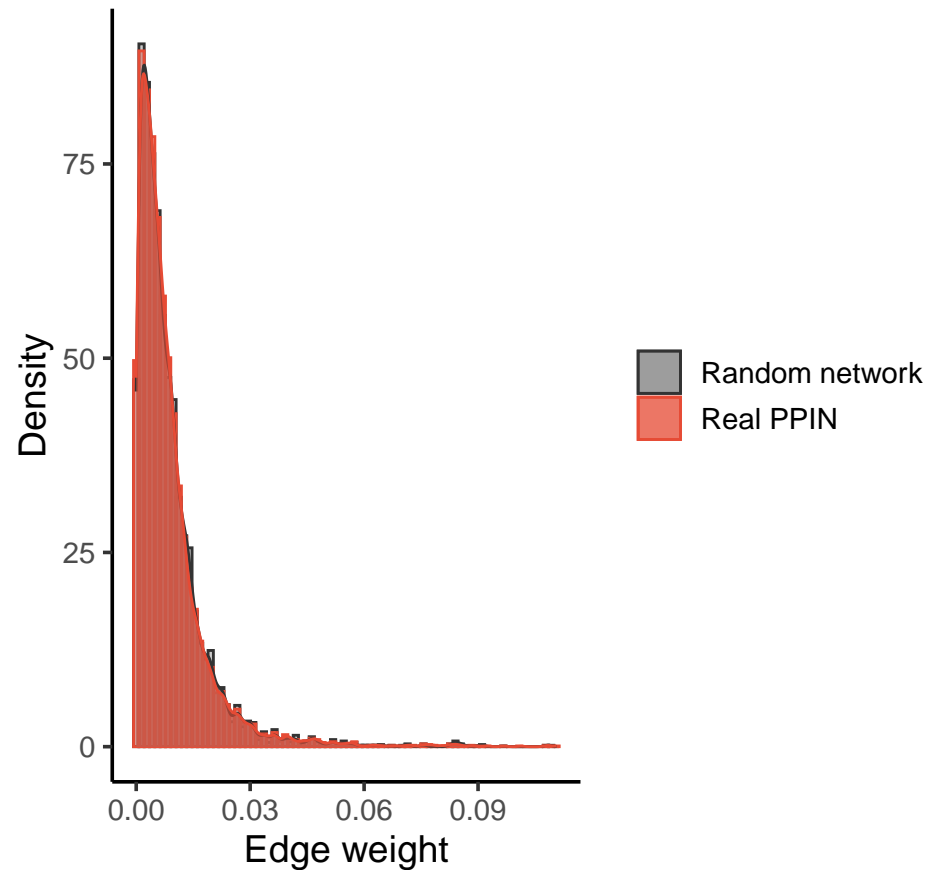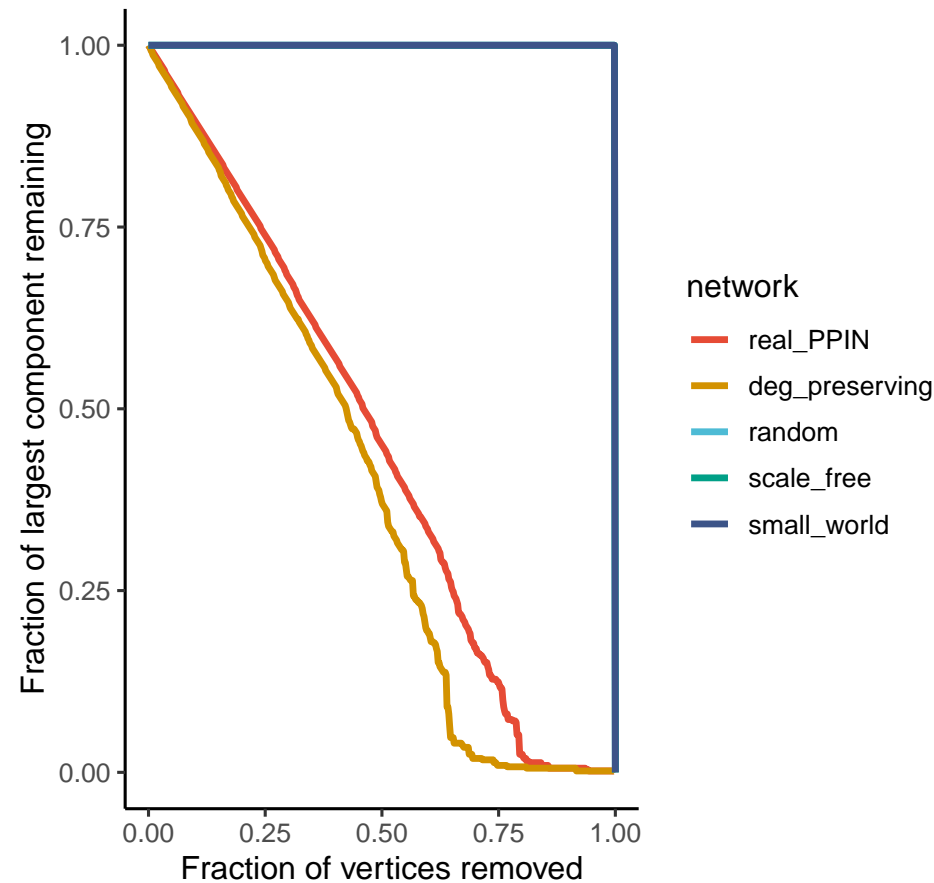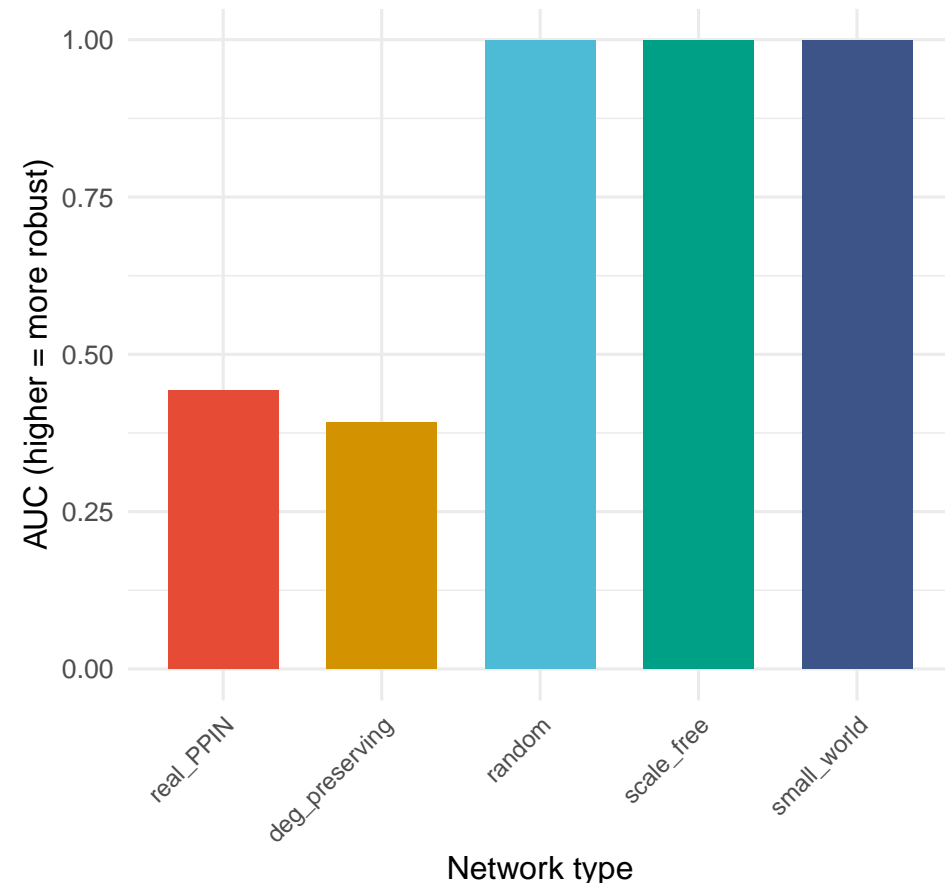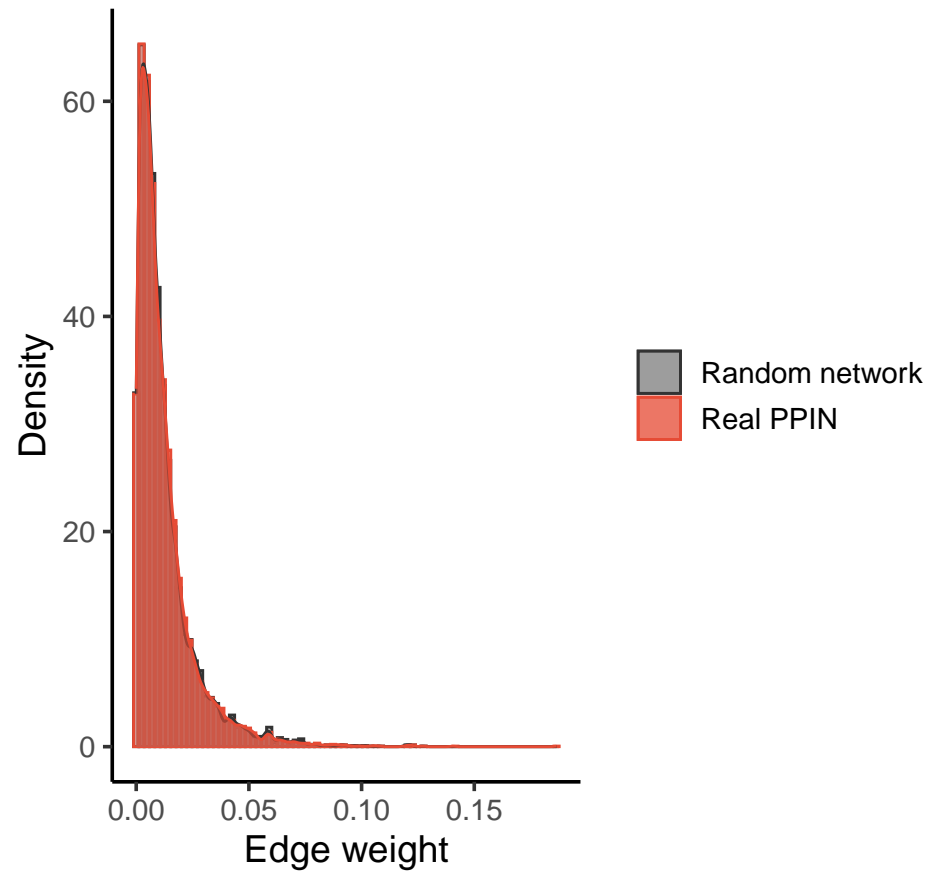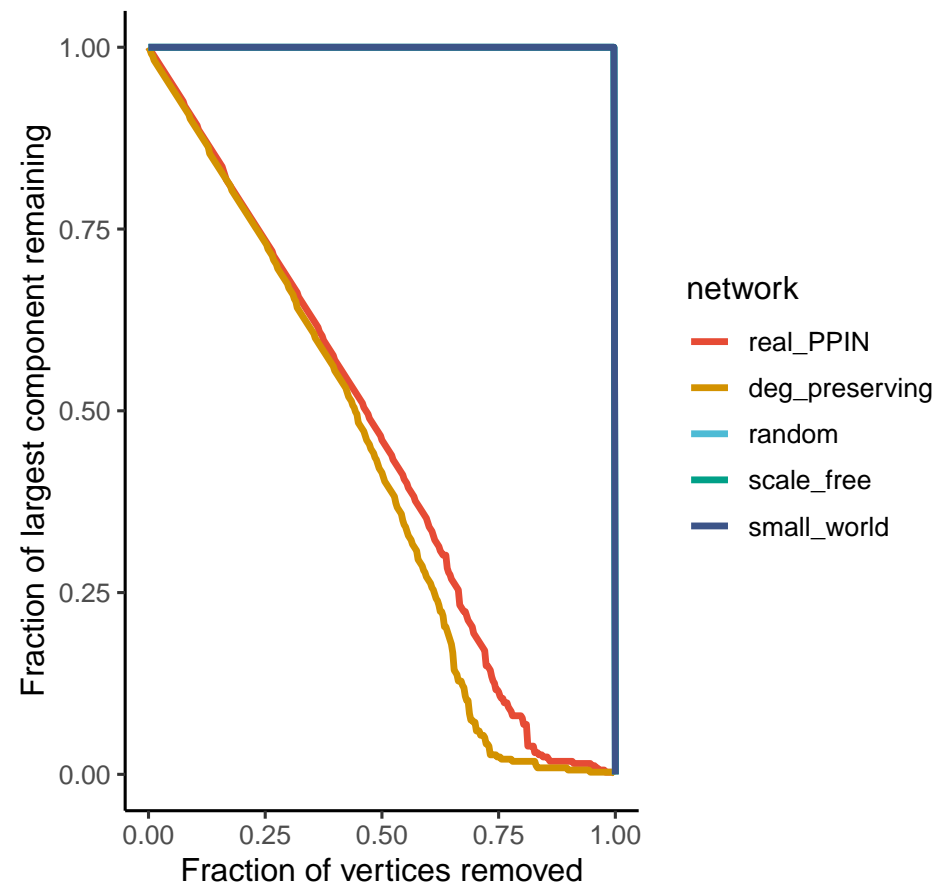
Edge–weight distribution

HiG_18 fragmentation under targeted–node attack

HiG_18 resilience (AUC of fragmentation curve)

Edge-weight distribution — Density vs Edge weight, comparing Random network and Real PPIN.

HiG_19 fragmentation under targeted-node attack — Fraction of largest component remaining vs Fraction of vertices removed, for networks: real_PPIN, deg_preserving, random, scale_free, small_world.

HiG_19 resilience (AUC of fragmentation curve) — AUC (higher = more robust) vs Network type.
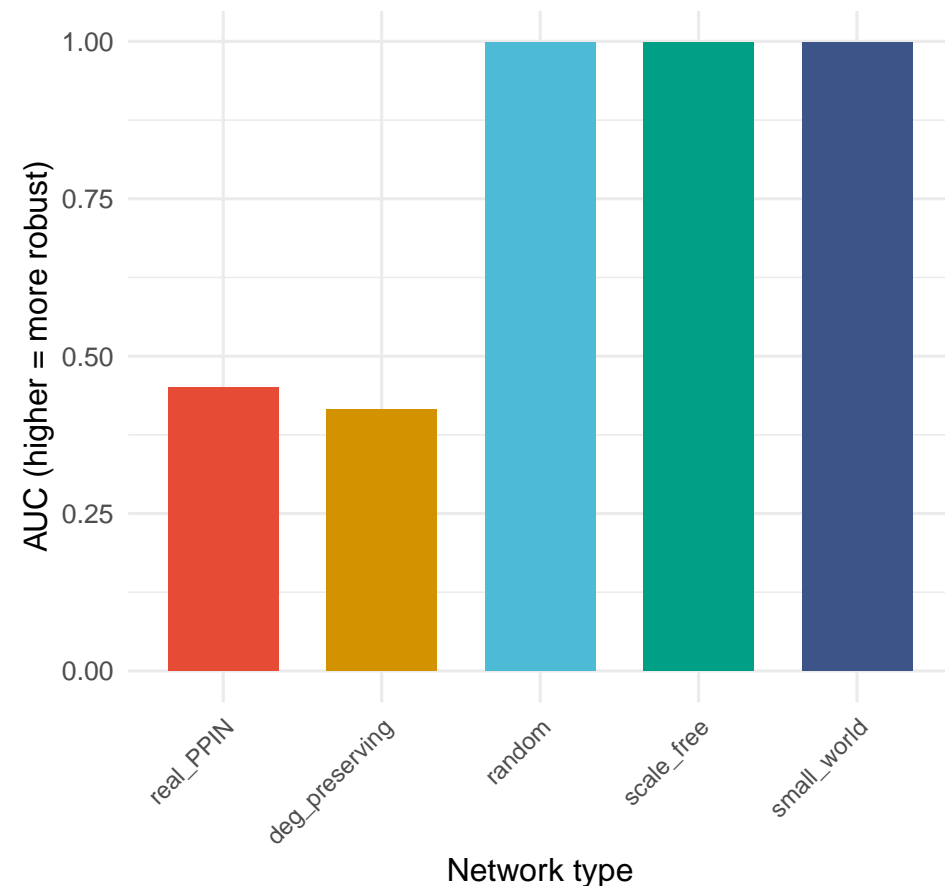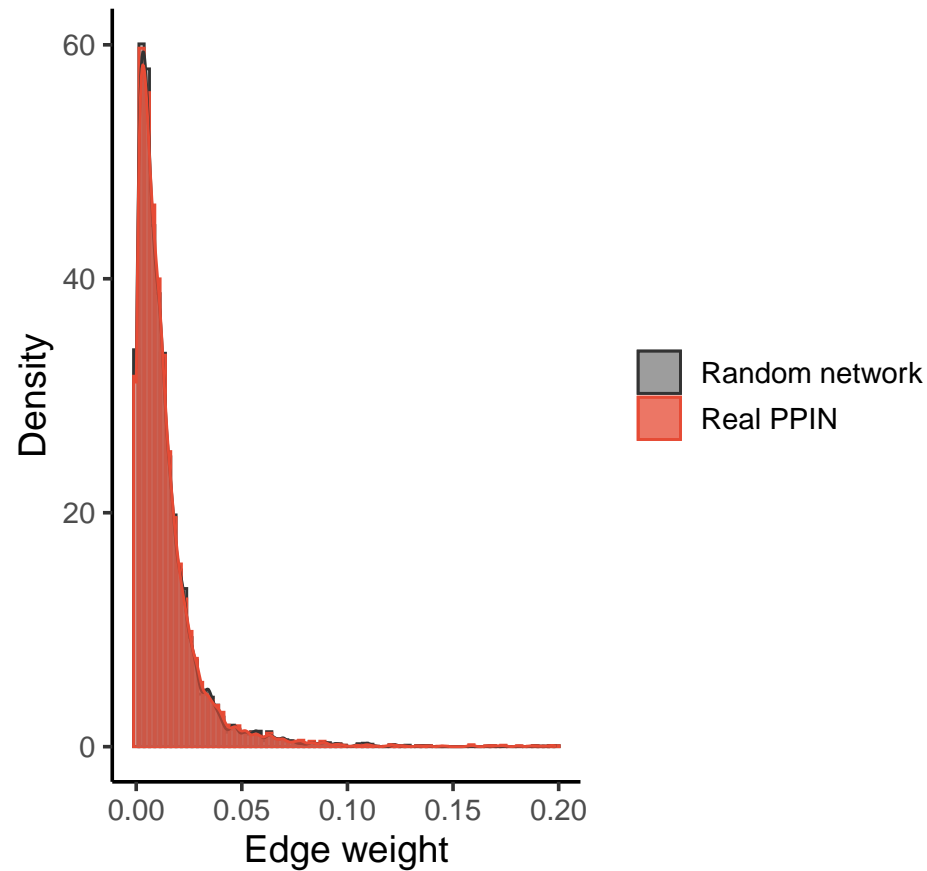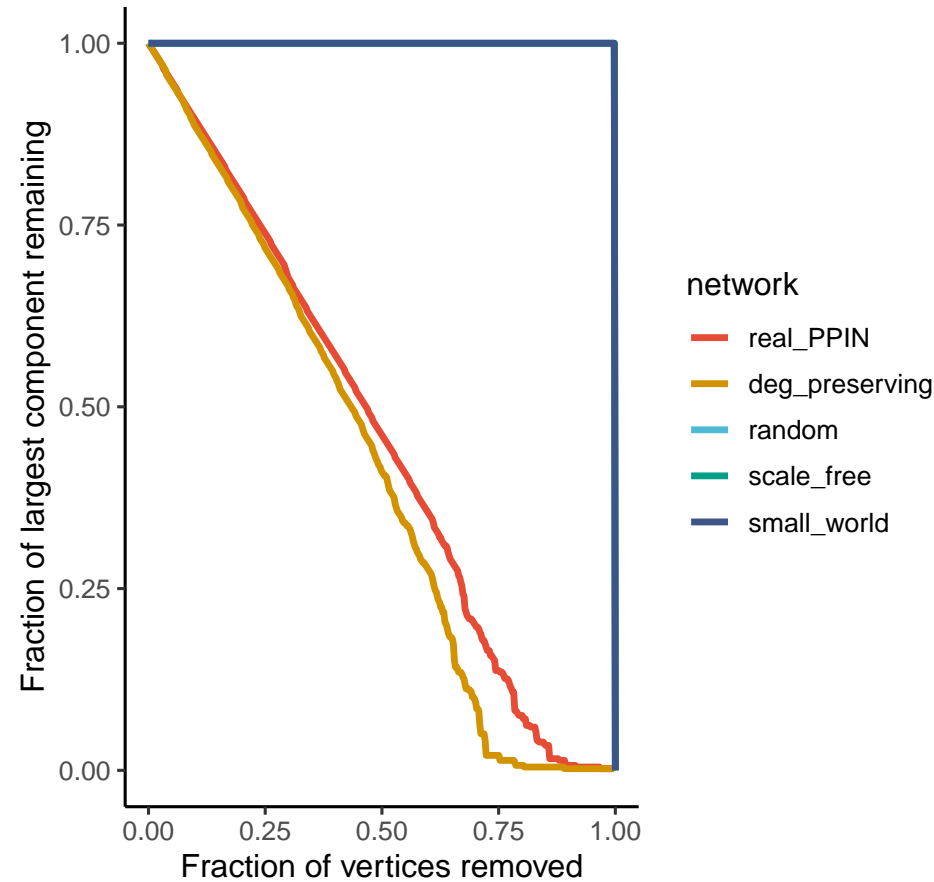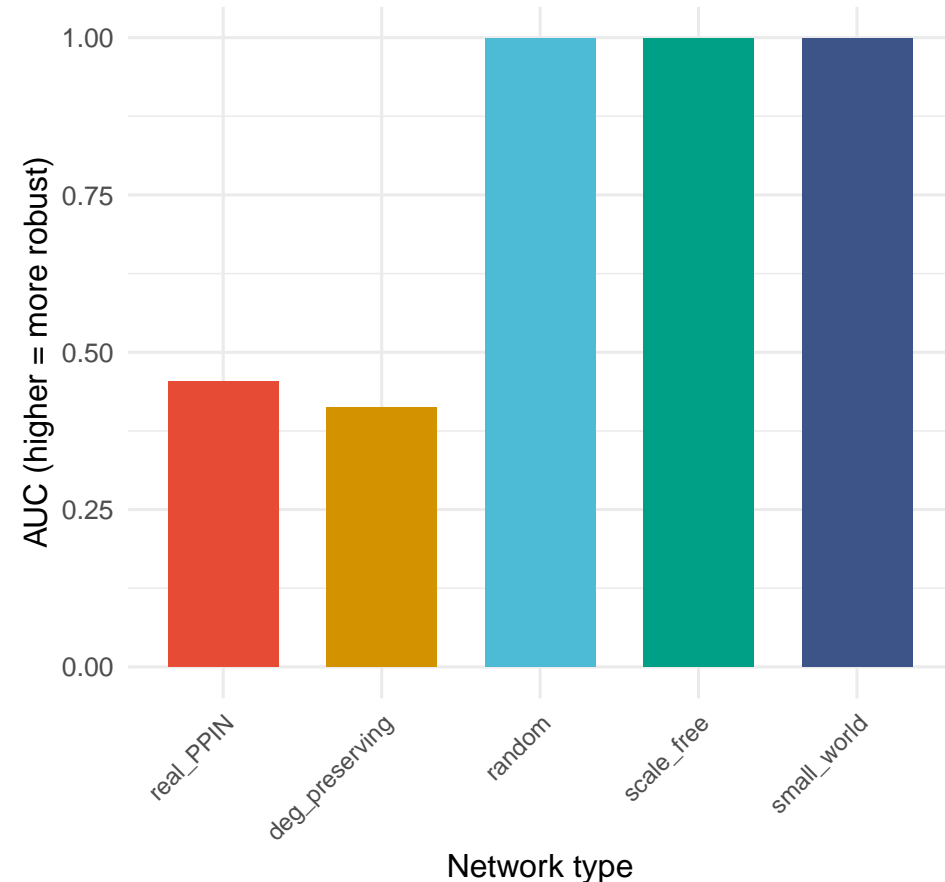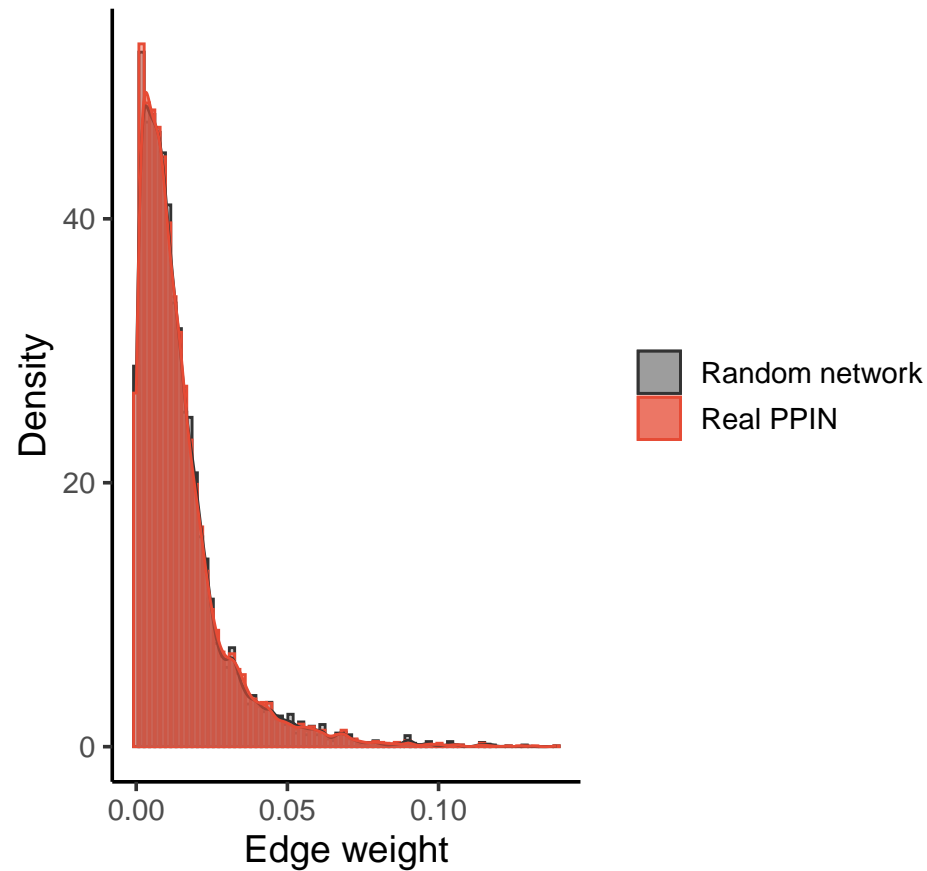
Edge–weight distribution

HiG_7 fragmentation under targeted–node attack

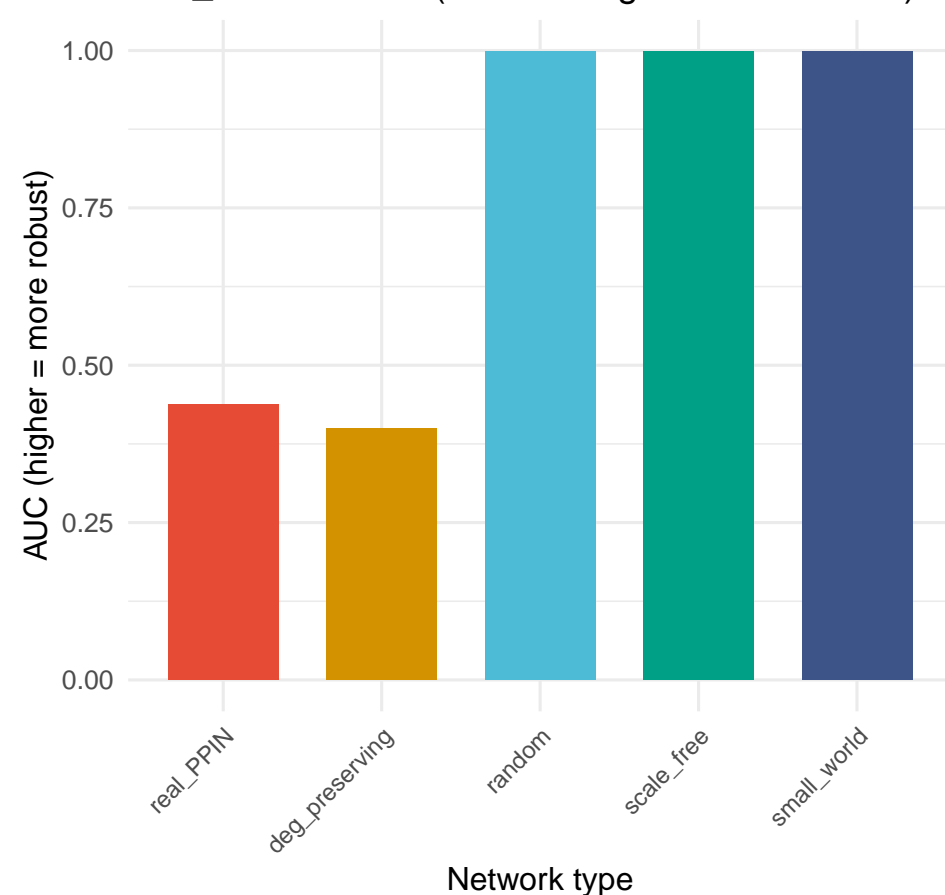**HiG_7 resilience (AUC of fragmentation curve)**

Edge–weight distribution — Density vs Edge weight, comparing Random network and Real PPIN.

HiG_11 fragmentation under targeted–node attack — Fraction of largest component remaining vs Fraction of vertices removed for networks: real_PPIN, deg_preserving, random, scale_free, small_world.

HiG_11 resilience (AUC of fragmentation curve) — AUC (higher = more robust) vs Network type for real_PPIN, deg_preserving, random, scale_free, small_world.

Edge−weight distribution

HiG_15 fragmentation under targeted−node attack

HiG_15 resilience (AUC of fragmentation curve)

Edge-weight distribution · HiG_16 fragmentation under targeted-node attack · HiG_16 resilience (AUC of fragmentation curve)
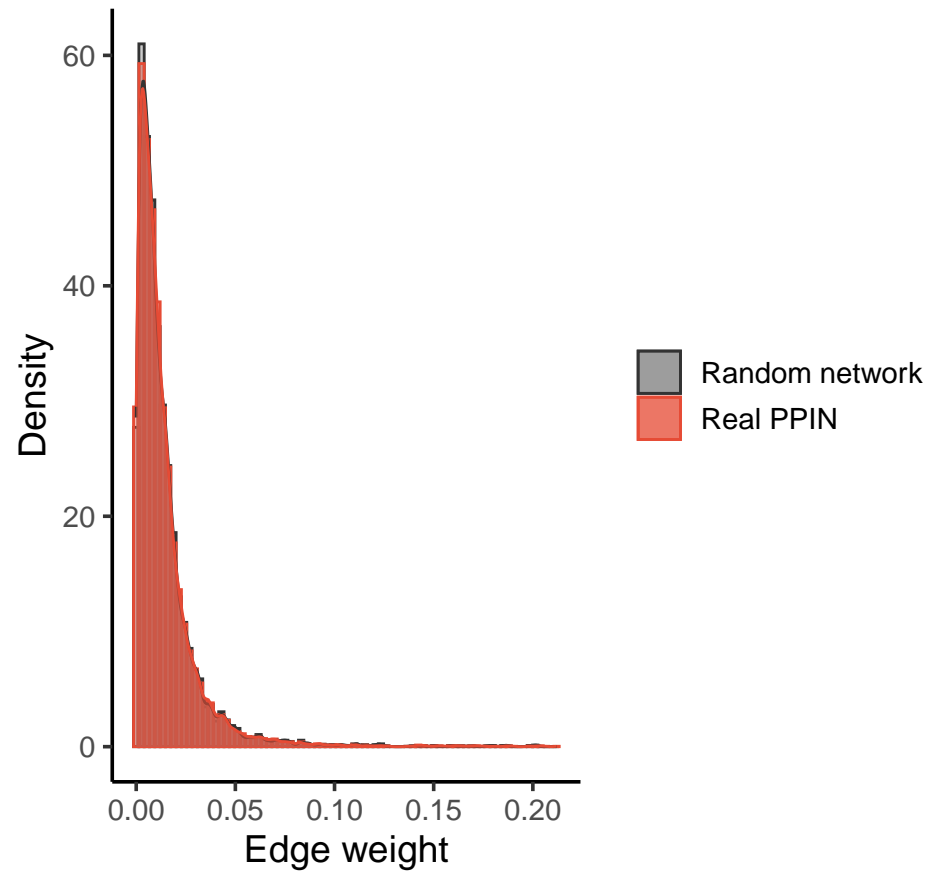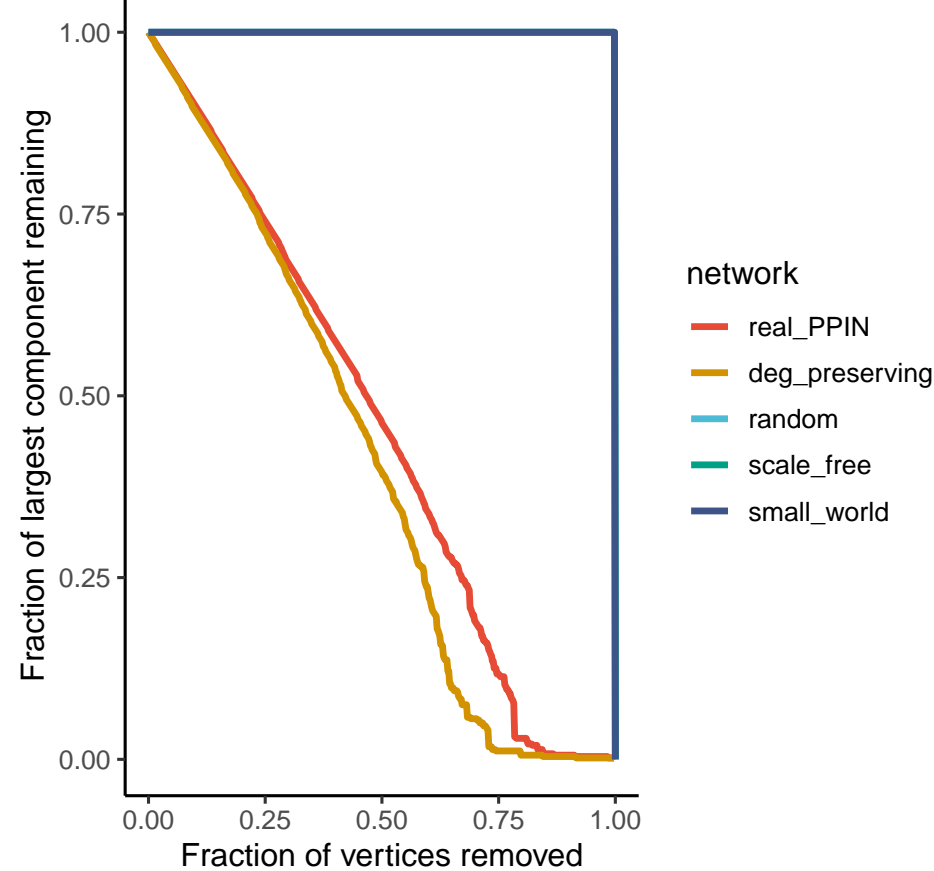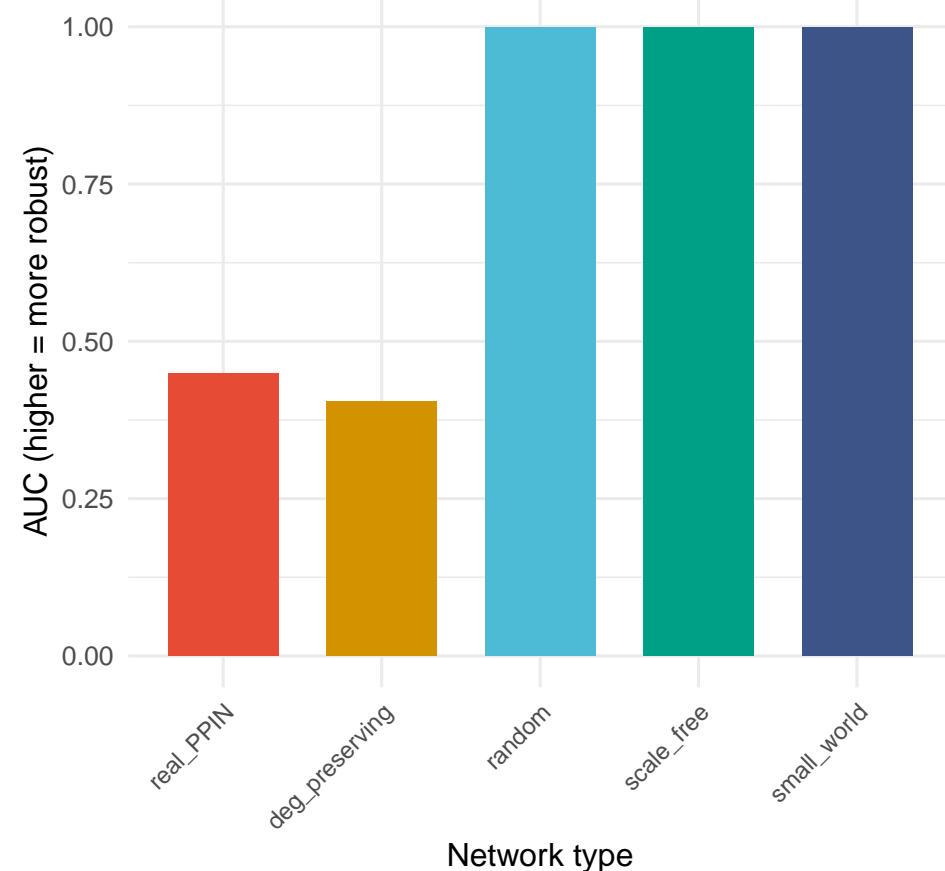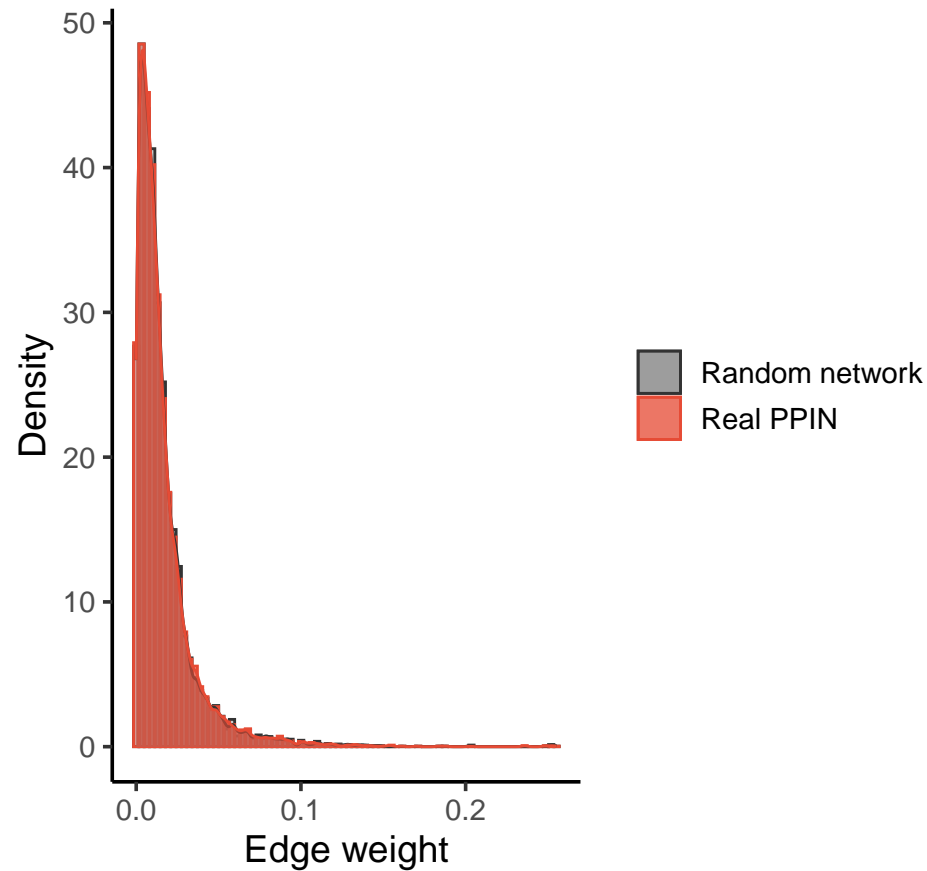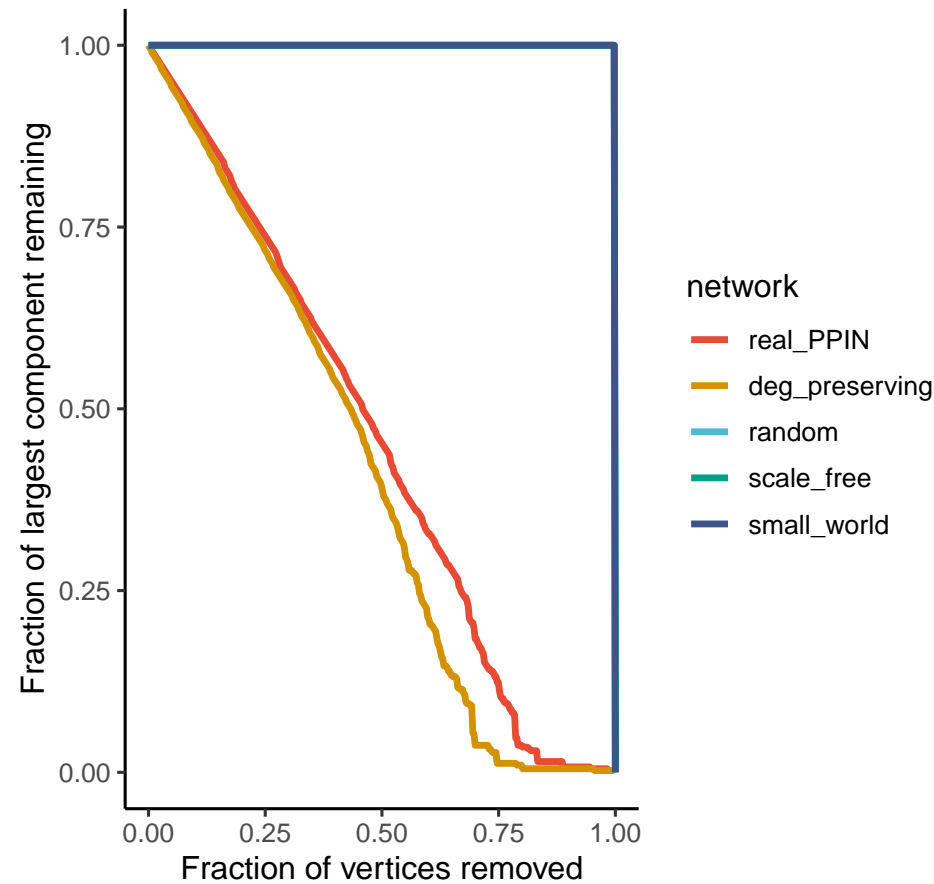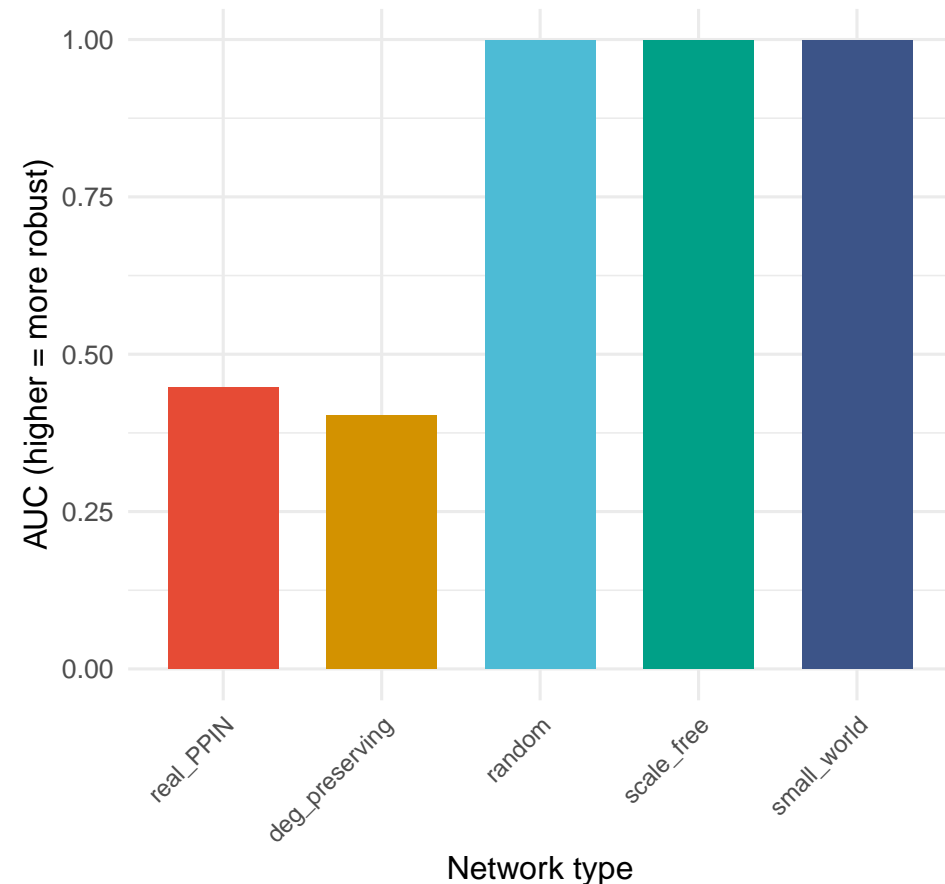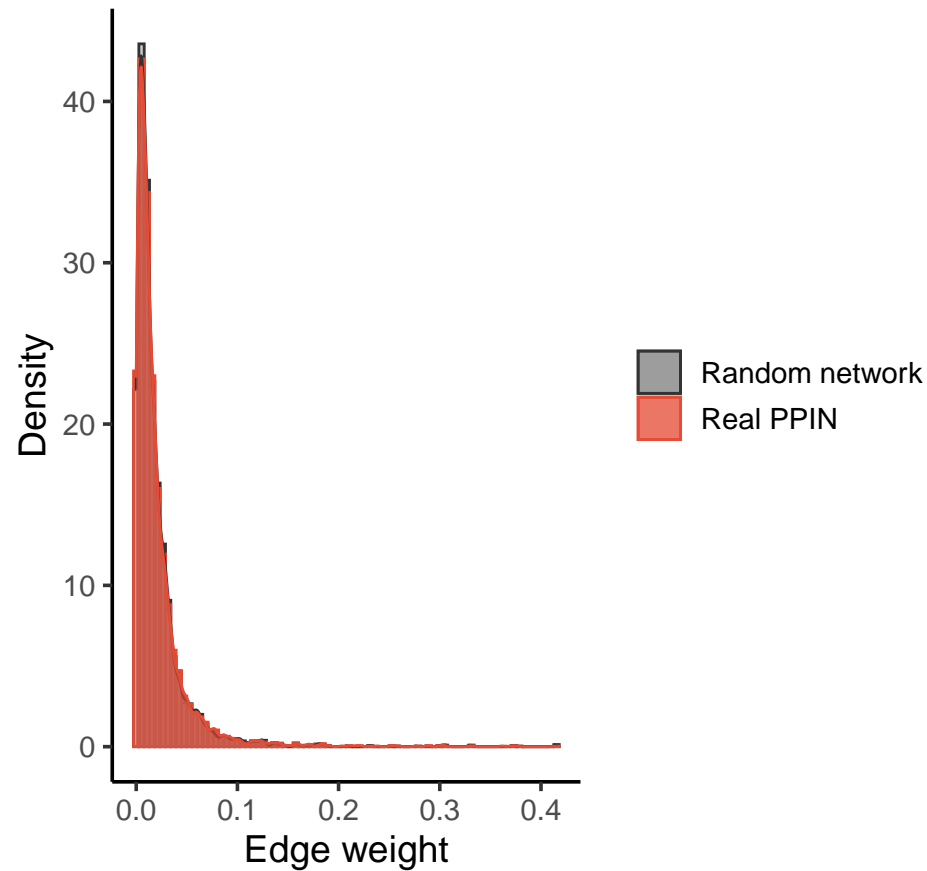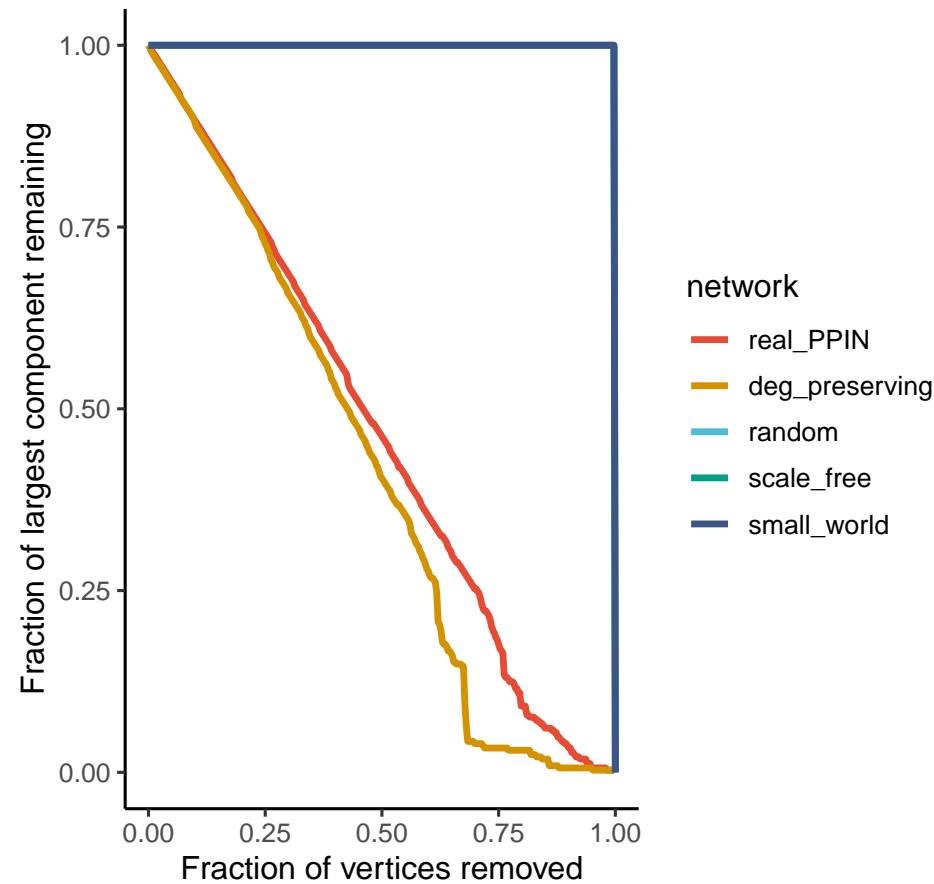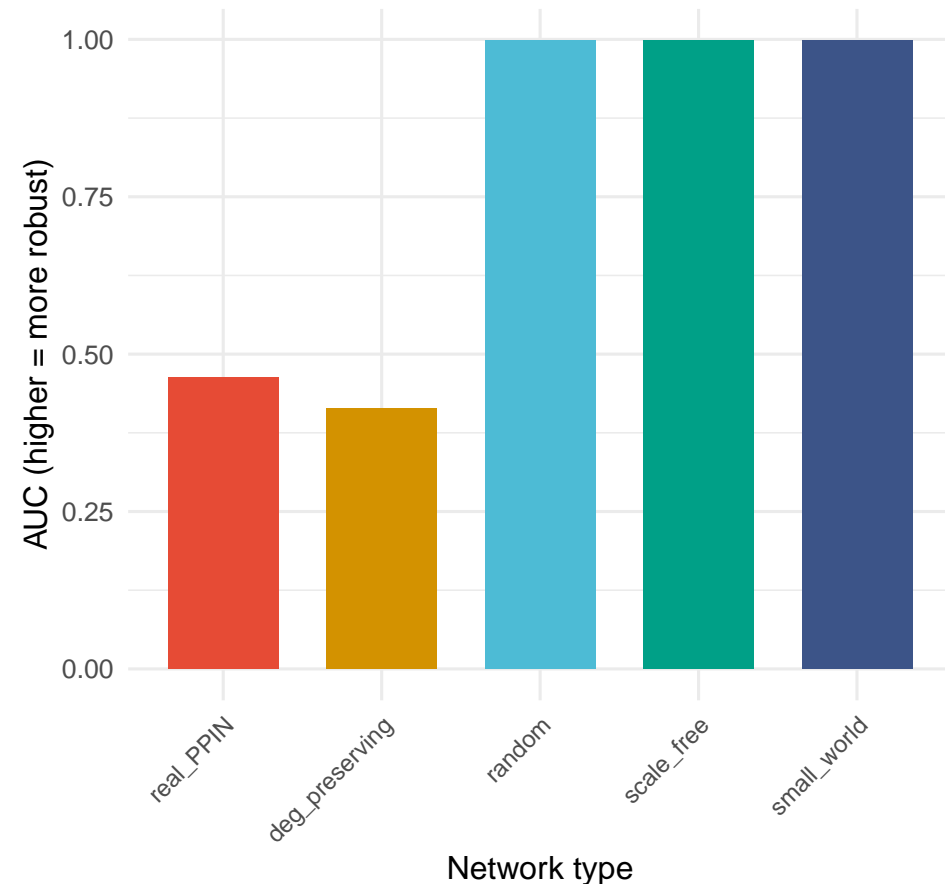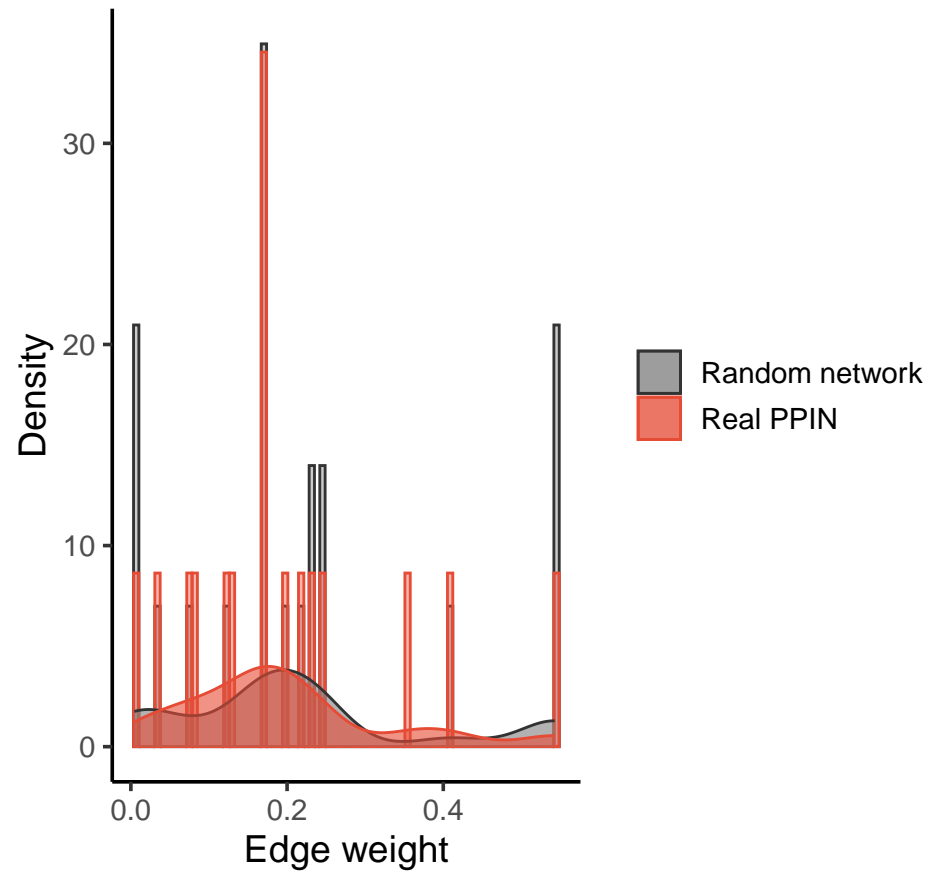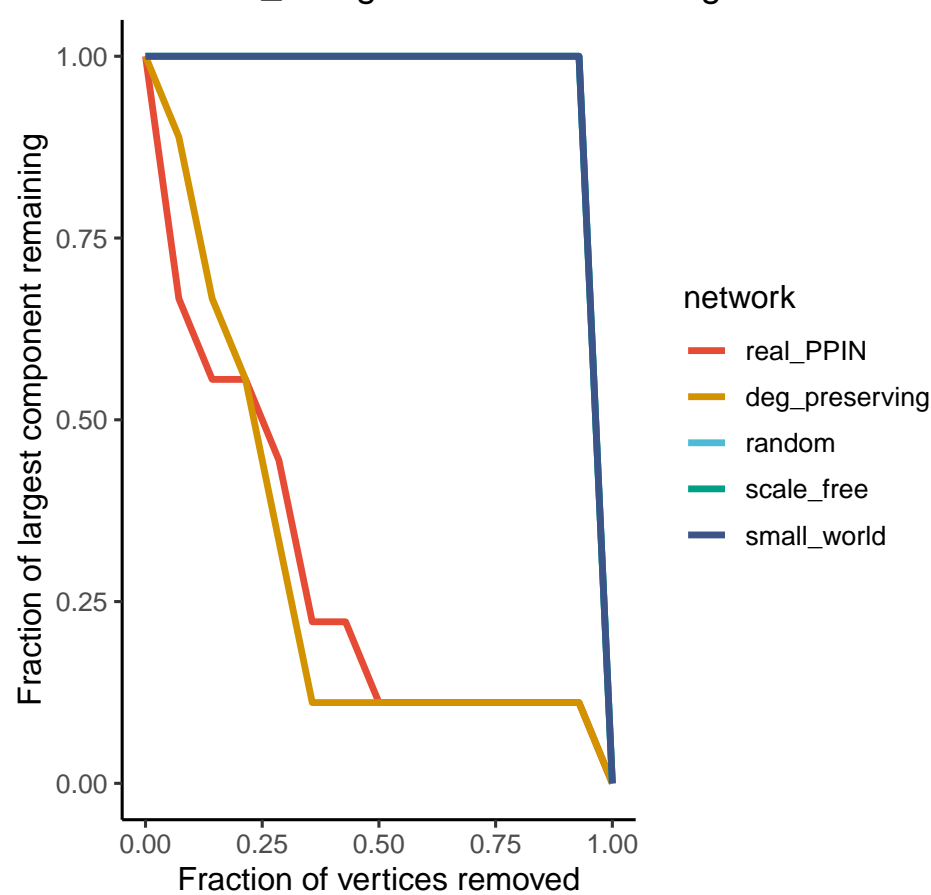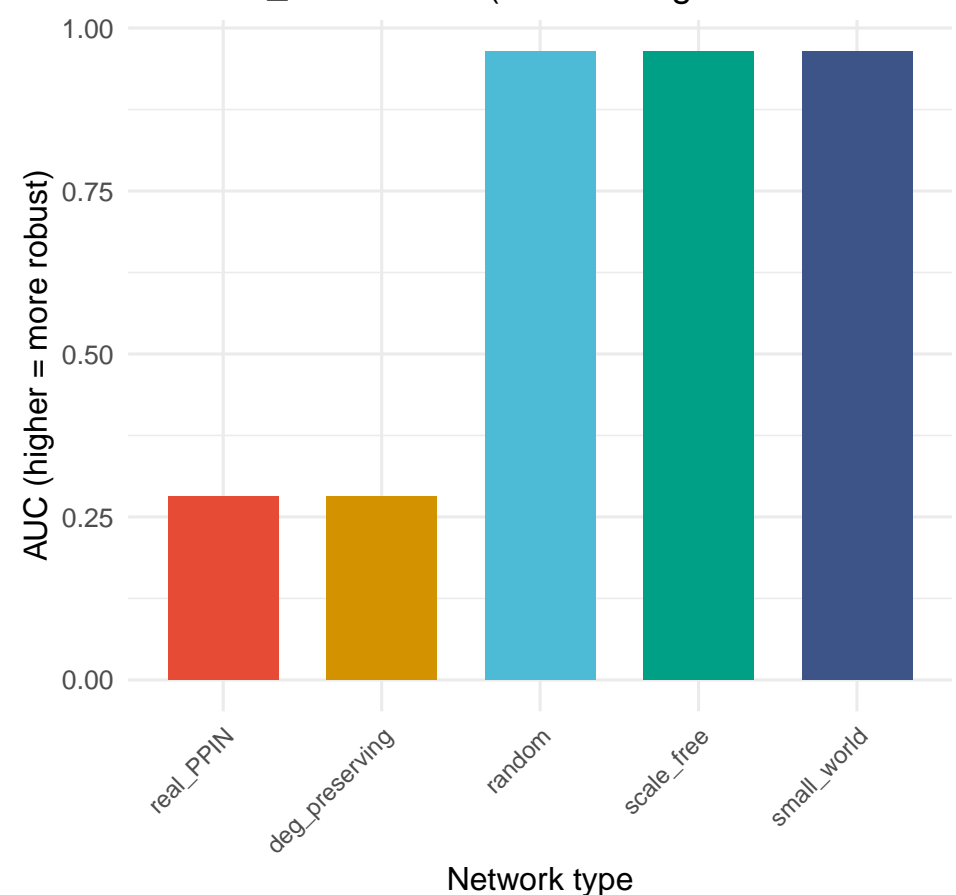
Edge-weight distribution

HiG_13 fragmentation under targeted-node attack

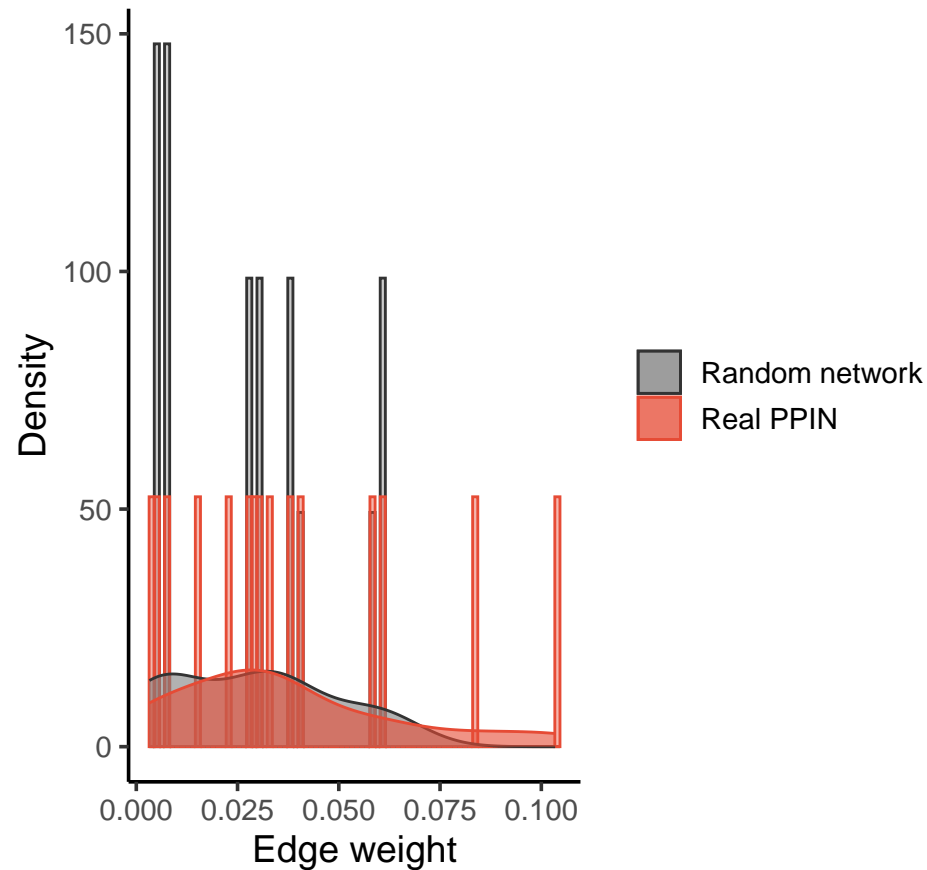HiG_13 resilience (AUC of fragmentation curve)

Edge–weight distribution · HiG_8 fragmentation under targeted–node attack · HiG_8 resilience (AUC of fragmentation curve)

Edge–weight distribution

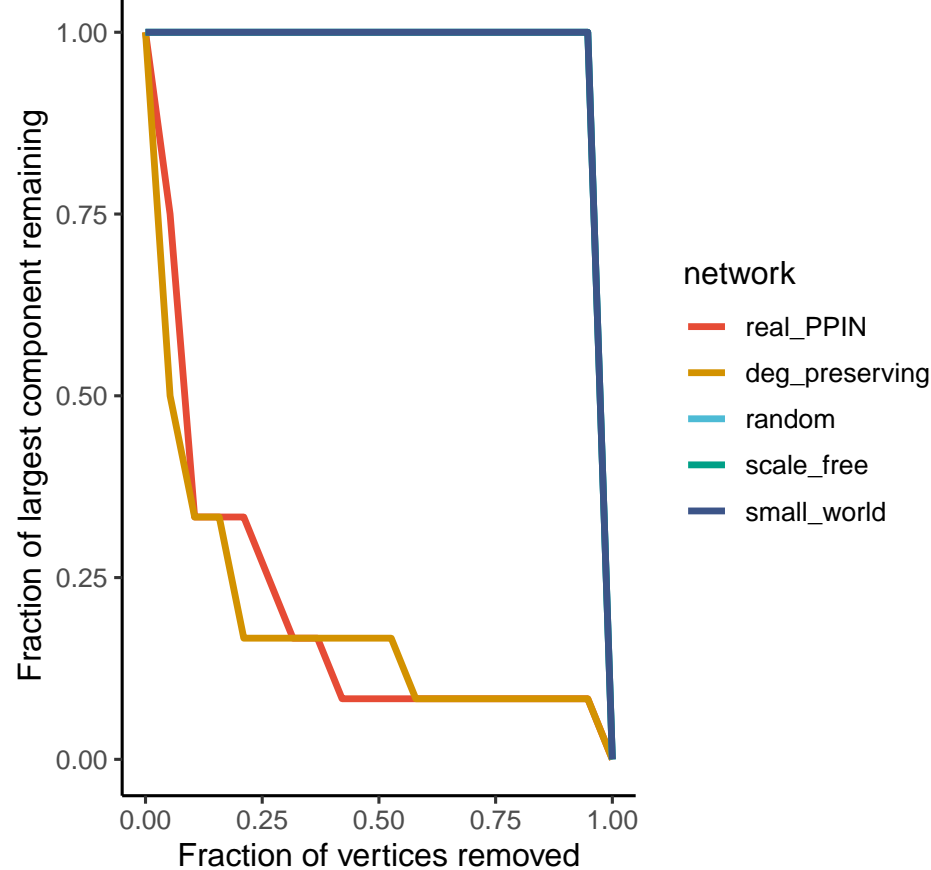**HiGCTS_7 fragmentation under targeted–node attack**

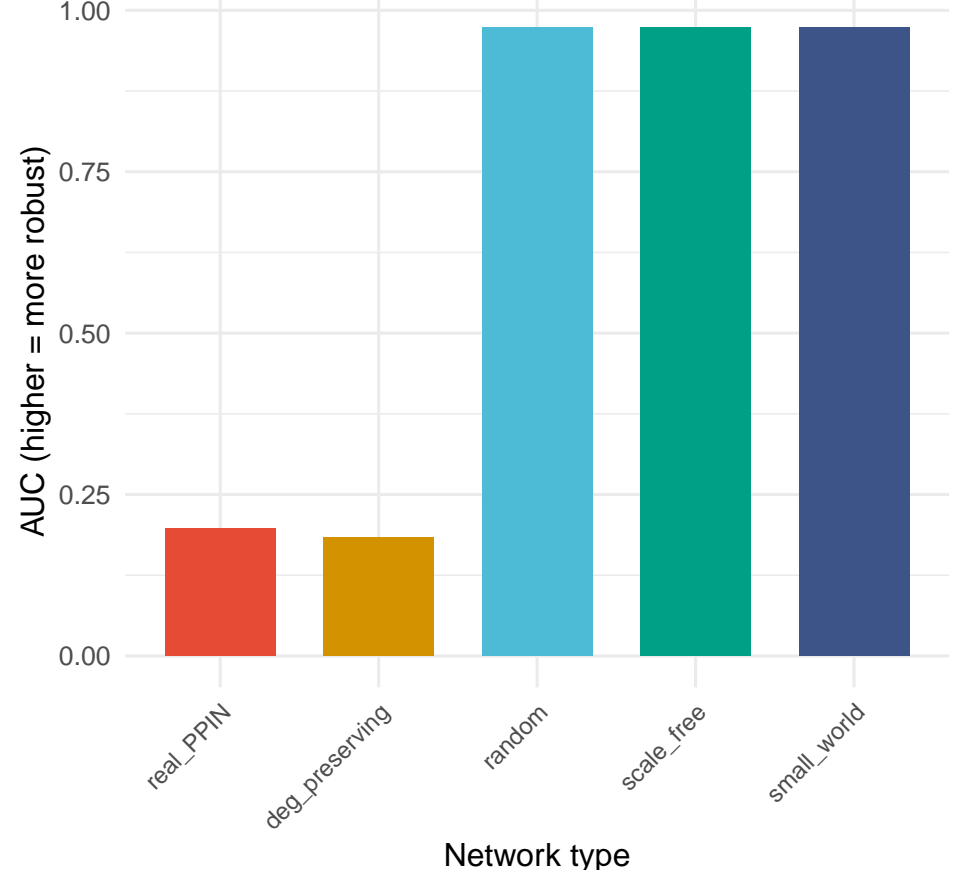**HiGCTS_7 resilience (AUC of fragmentation curve)**
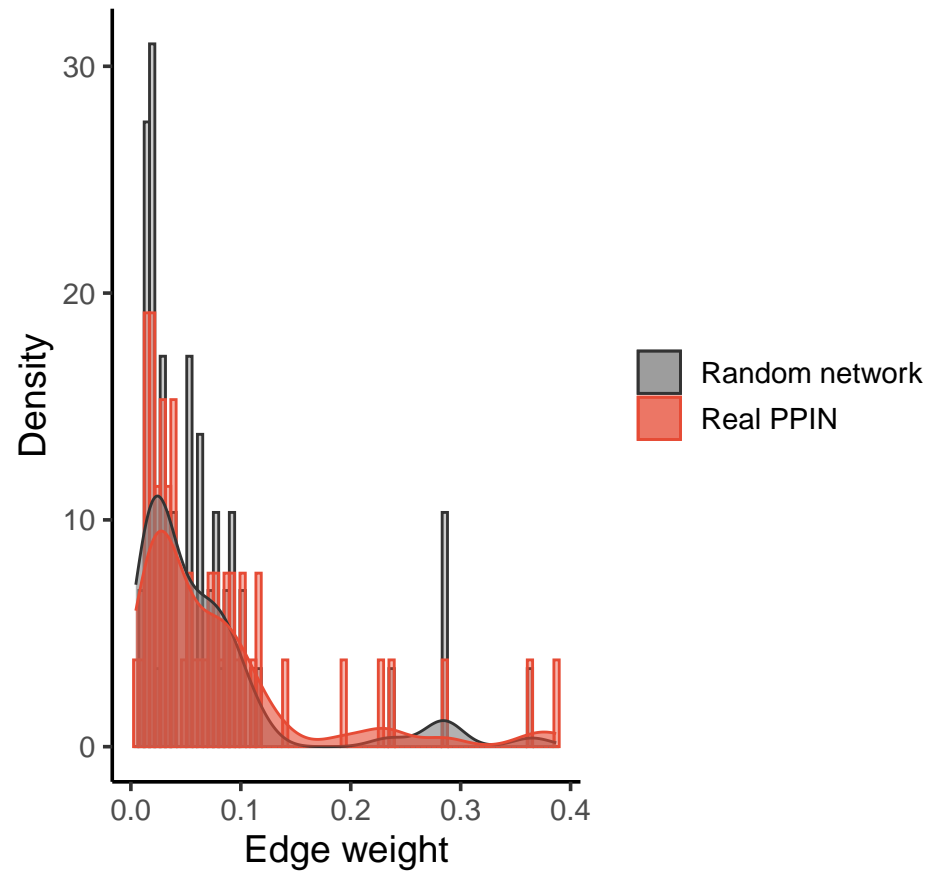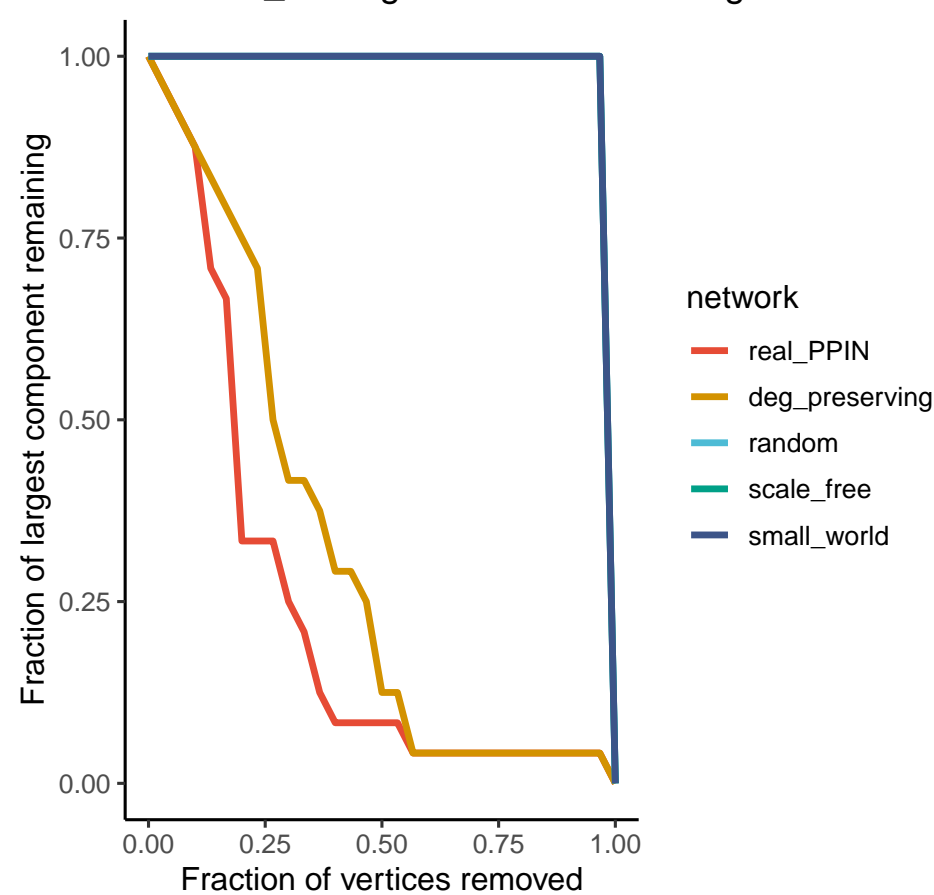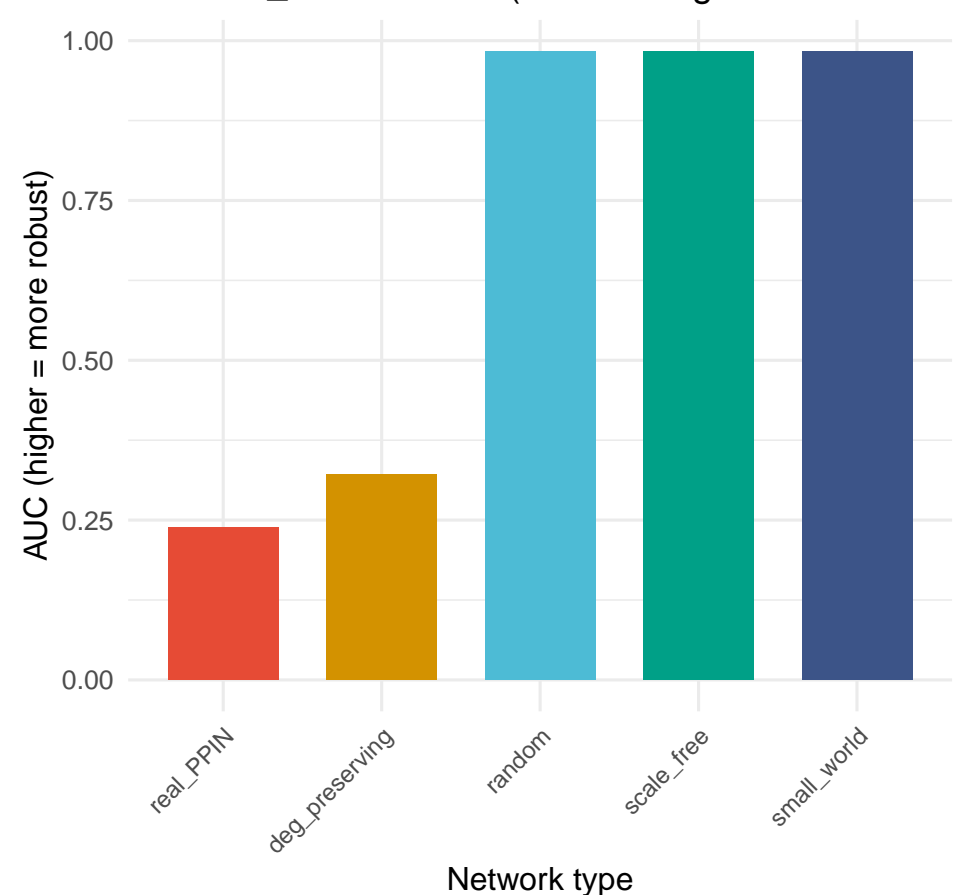
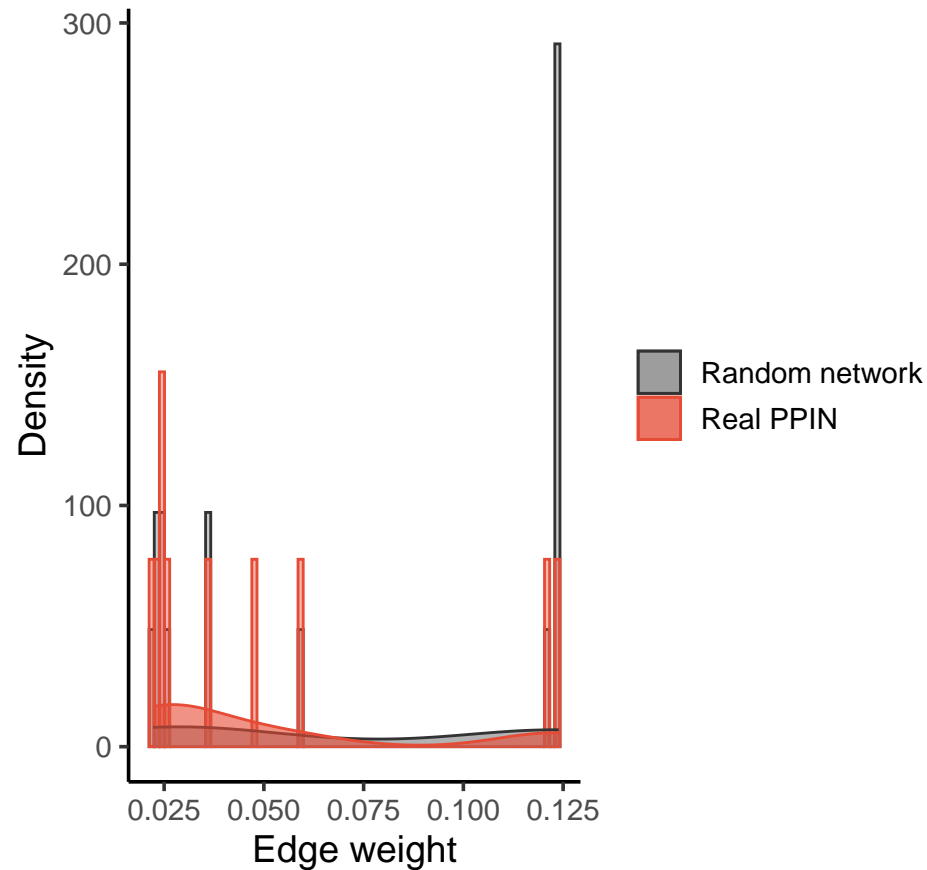**Edge–weight distribution**

HiGCTS_11 fragmentation under targeted–node attack

HiGCTS_11 resilience (AUC of fragmentation curve)

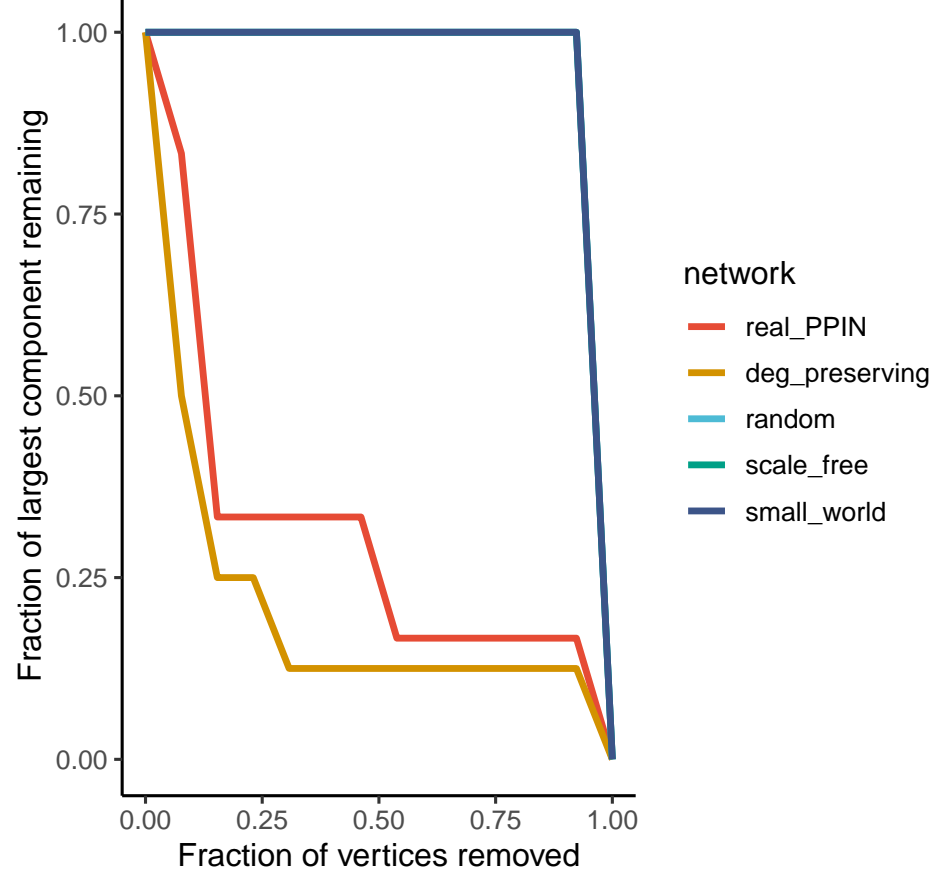**Edge-weight distribution** — HiGCTS_15 fragmentation under targeted-node attack — HiGCTS_15 resilience (AUC of fragmentation curve)
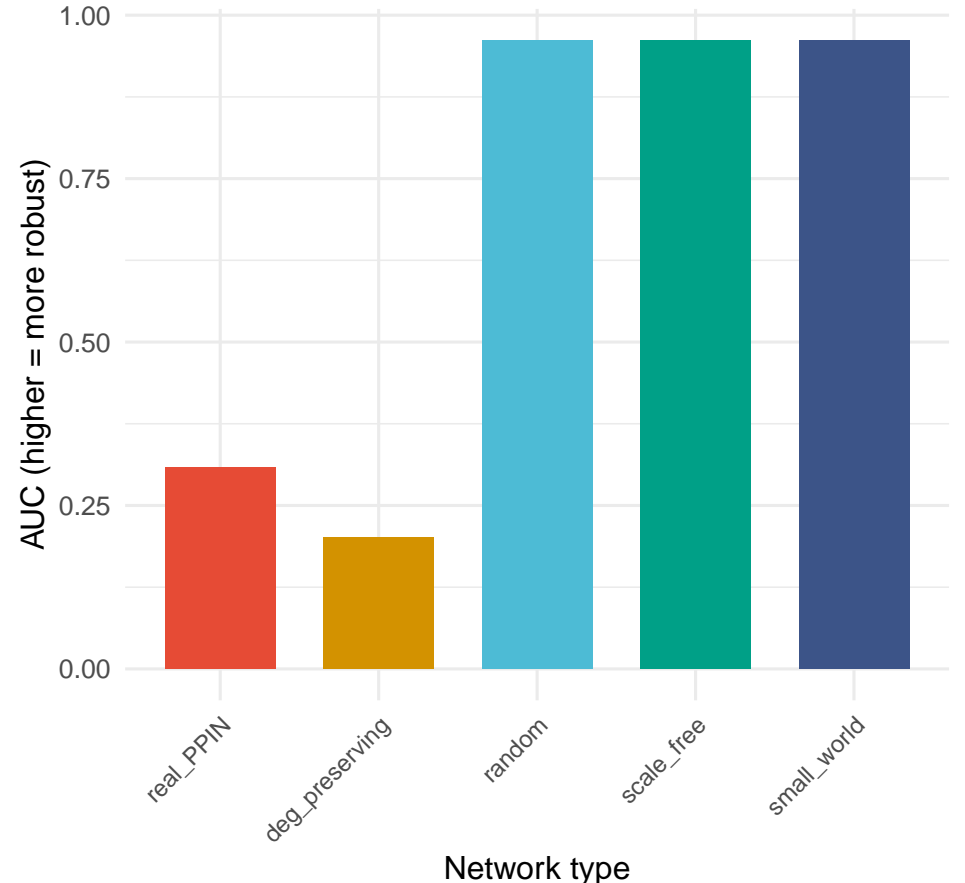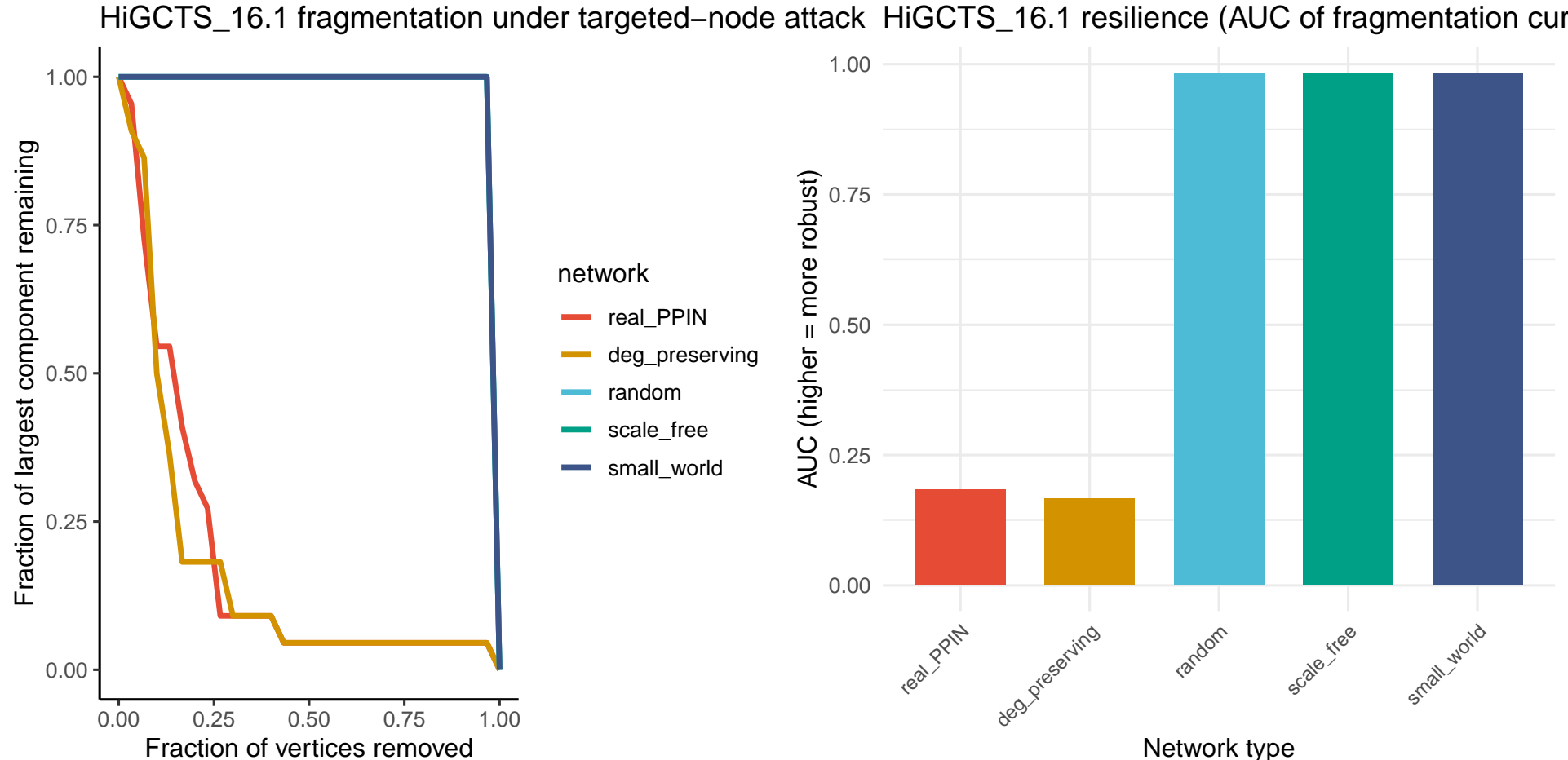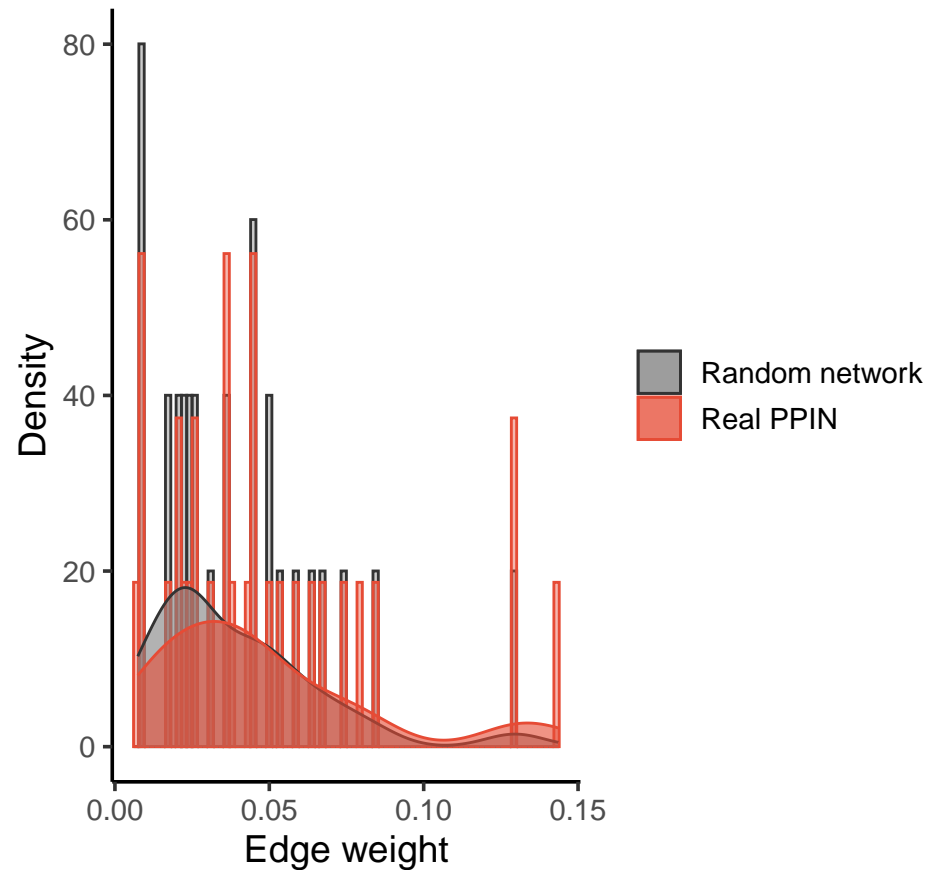
Edge−weight distribution
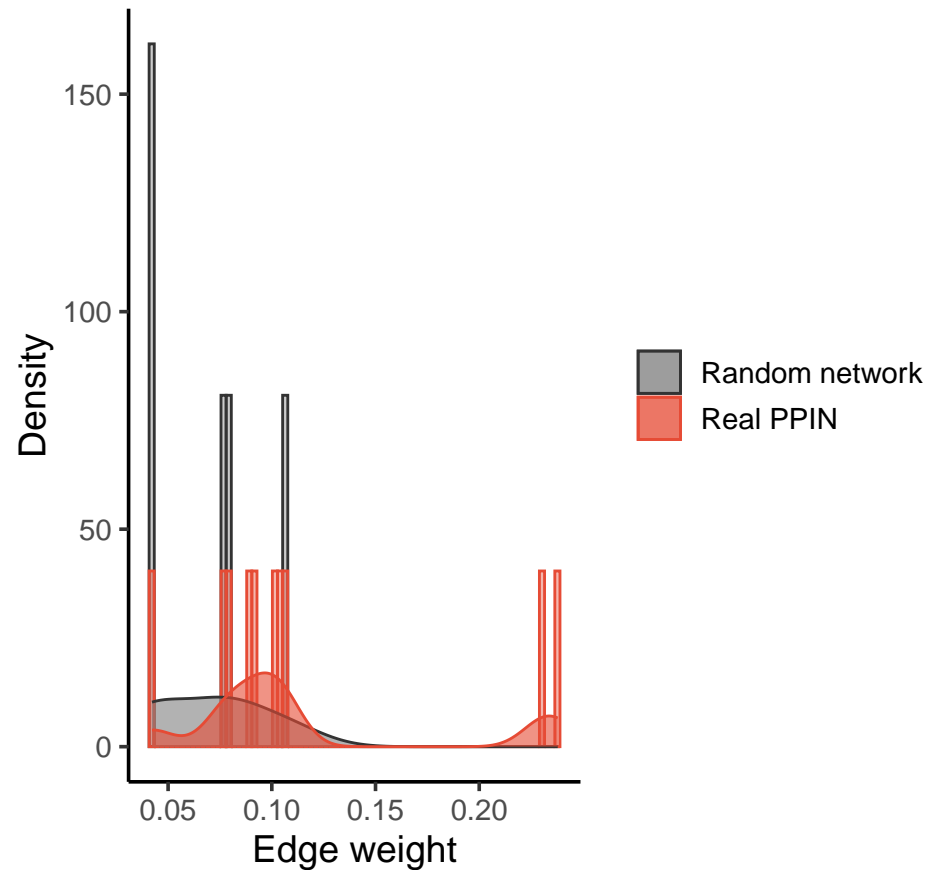
HiGCTS_16 fragmentation under targeted−node attack
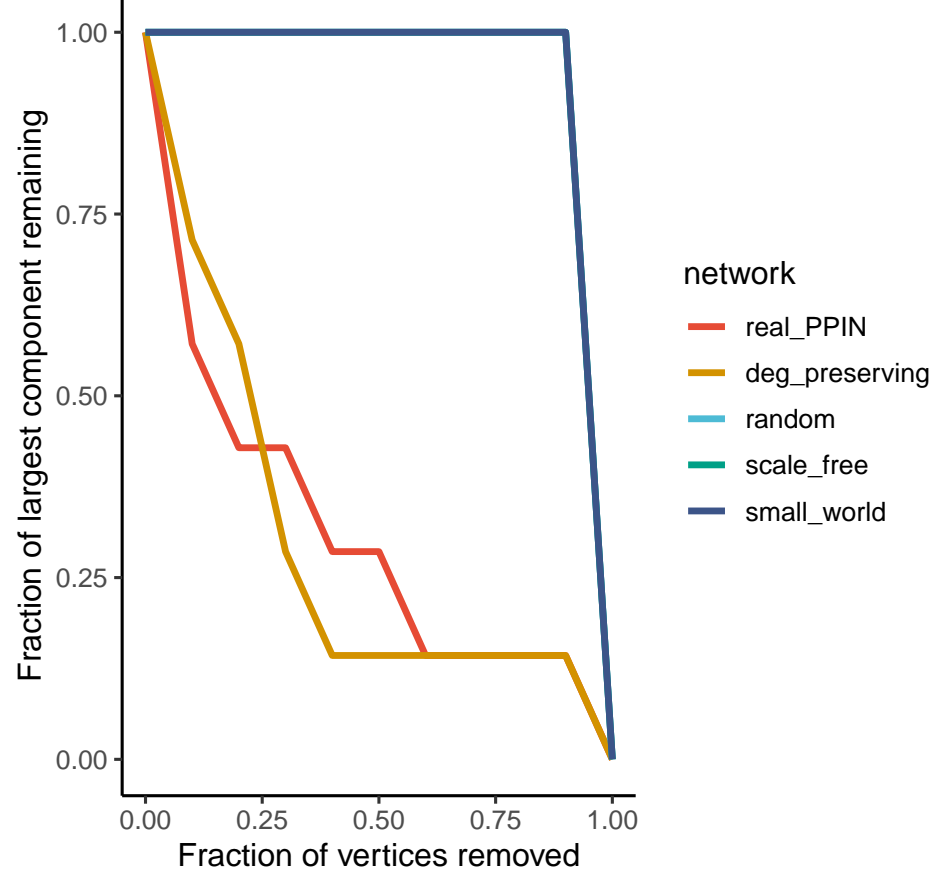
HiGCTS_16 resilience (AUC of fragmentation curve)

Edge−weight distribution

HiGCTS_16.1 fragmentation under targeted−node attack

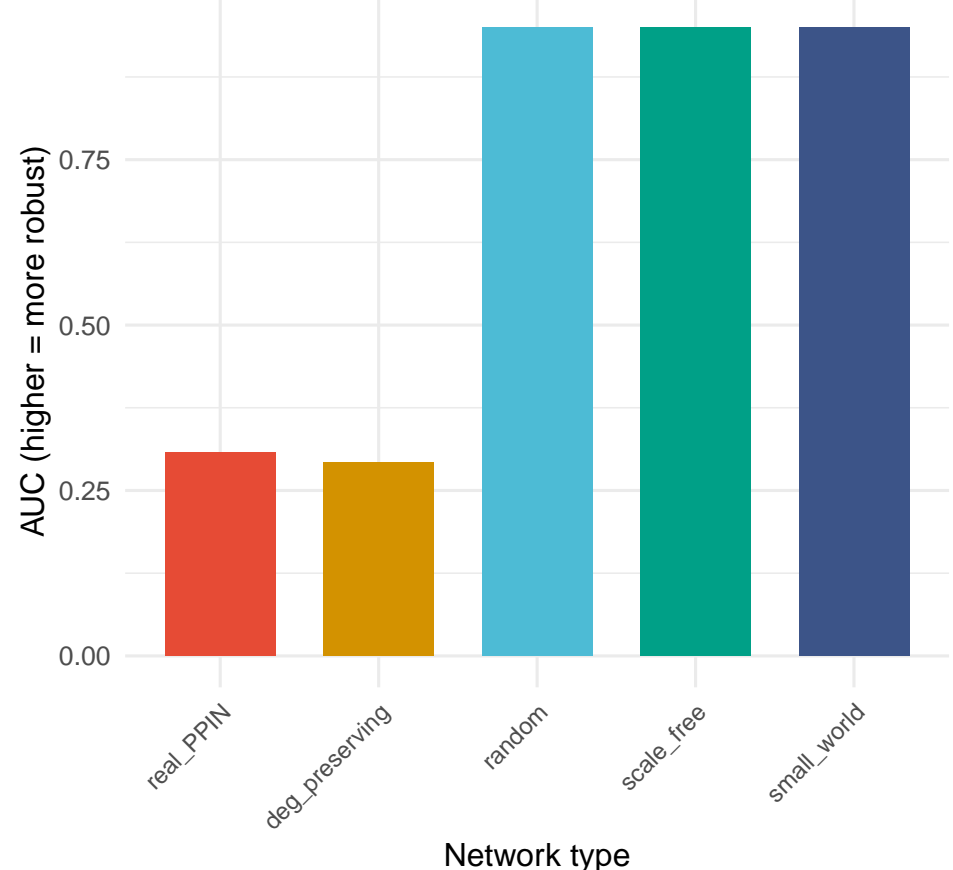HiGCTS_16.1 resilience (AUC of fragmentation cur
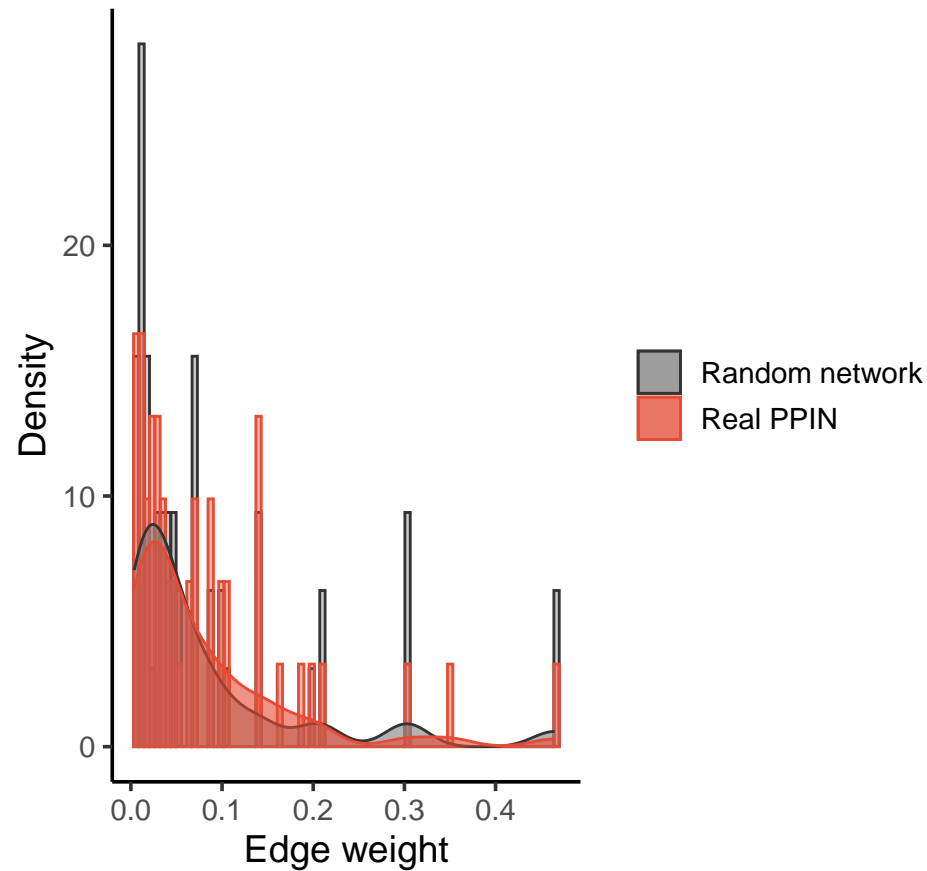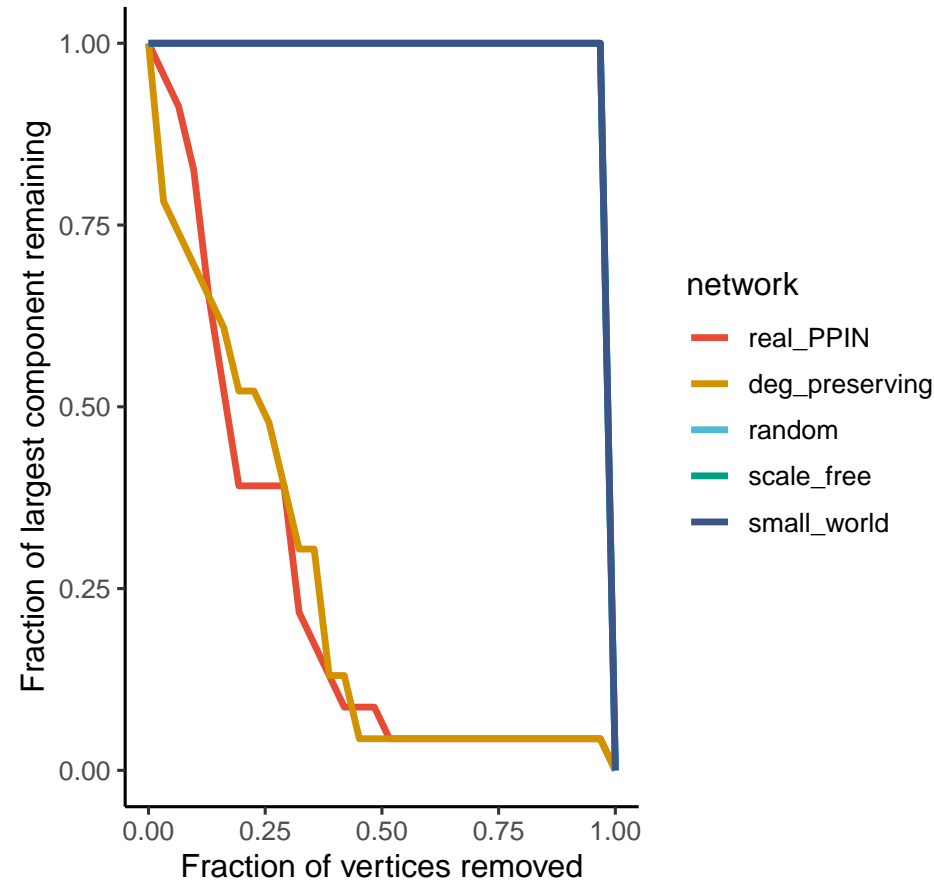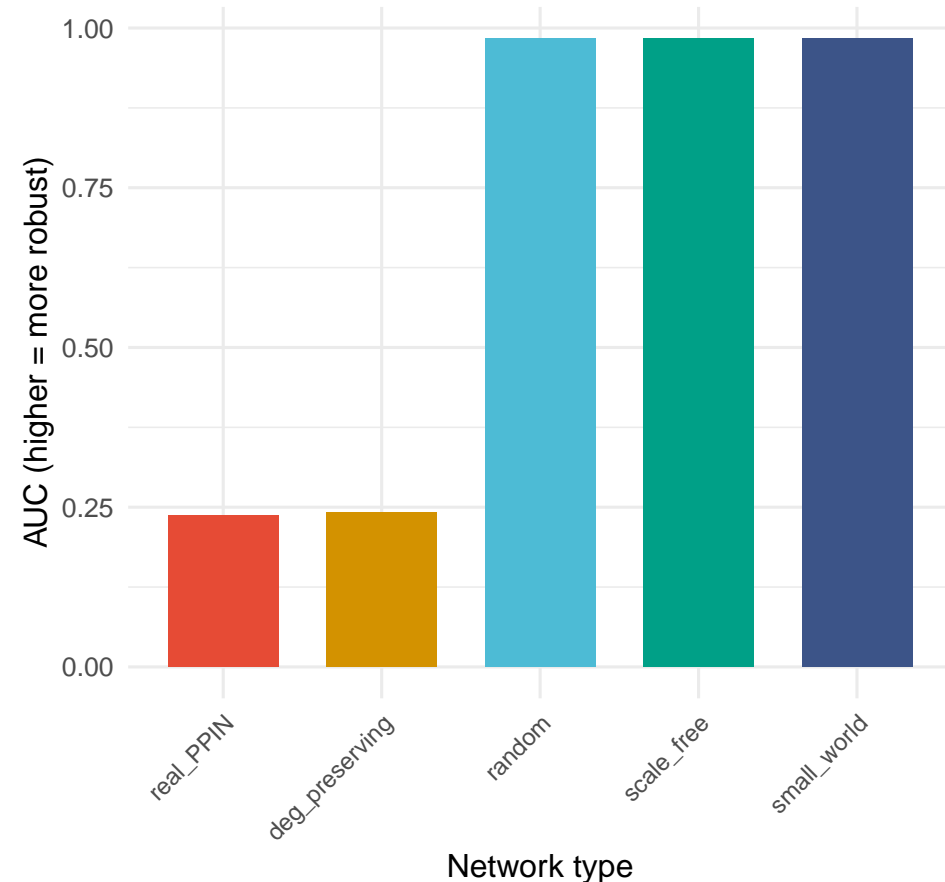
Edge-weight distribution
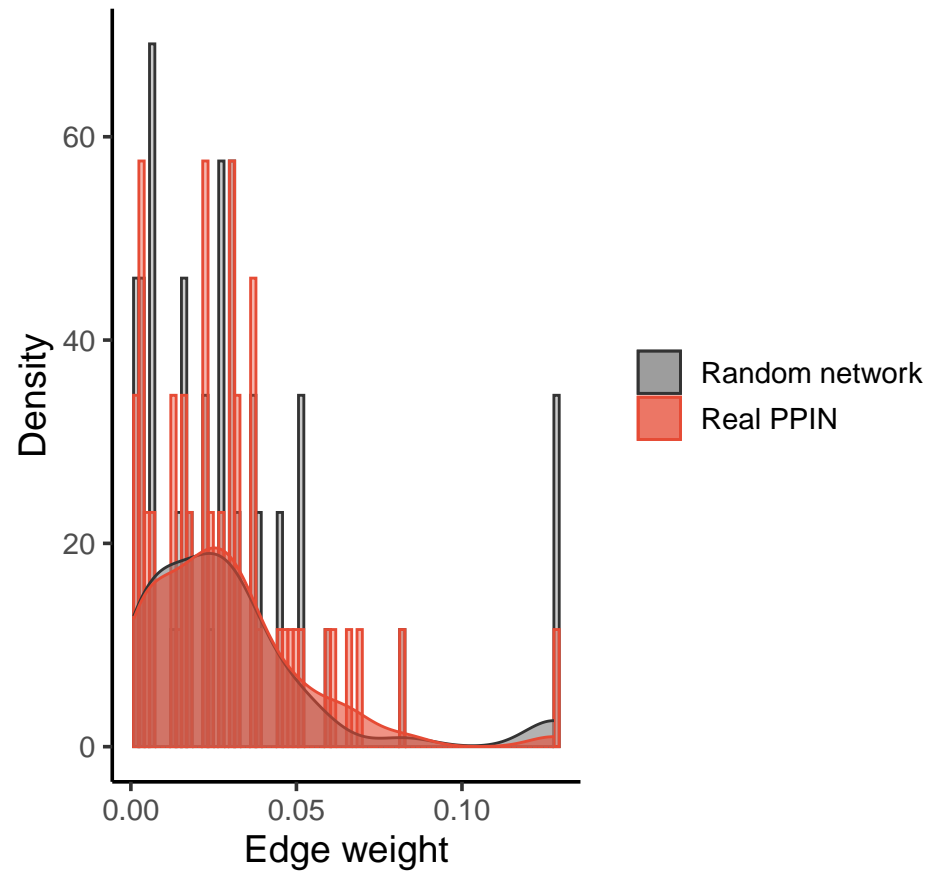
HiGCTS_8 fragmentation under targeted-node attack
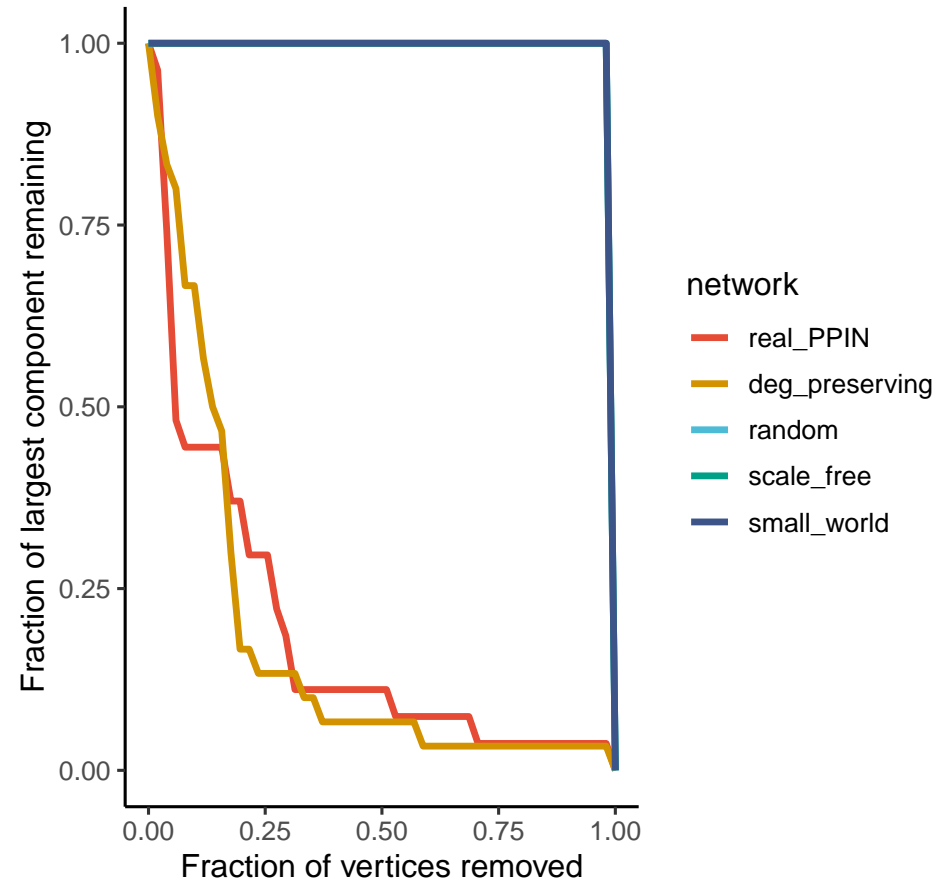
HiGCTS_8 resilience (AUC of fragmentation curve)

Edge-weight distribution — Random network, Real PPIN

CTS_7 fragmentation under targeted-node attack

network: real_PPIN, deg_preserving, random, scale_free, small_world

CTS_7 resilience (AUC of fragmentation curve)

Edge–weight distribution   CTS_11 fragmentation under targeted–node attack   CTS_11 resilience (AUC of fragmentation curve)

Edge-weight distribution

CTS_15 fragmentation under targeted-node attack
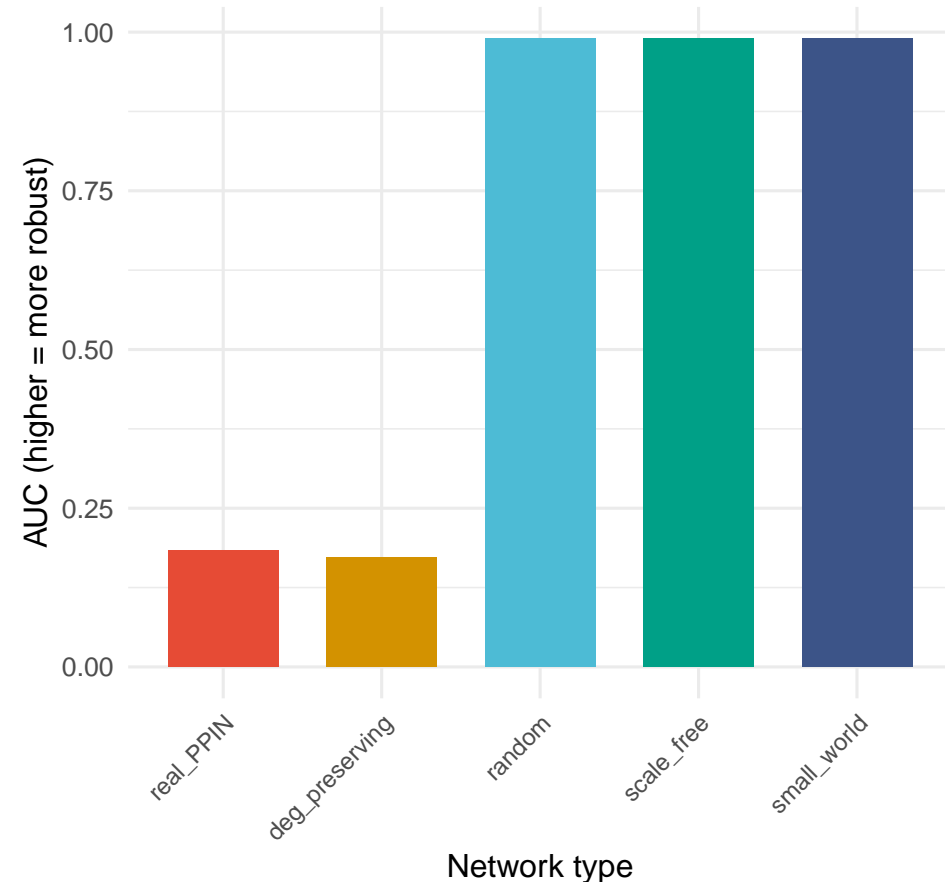
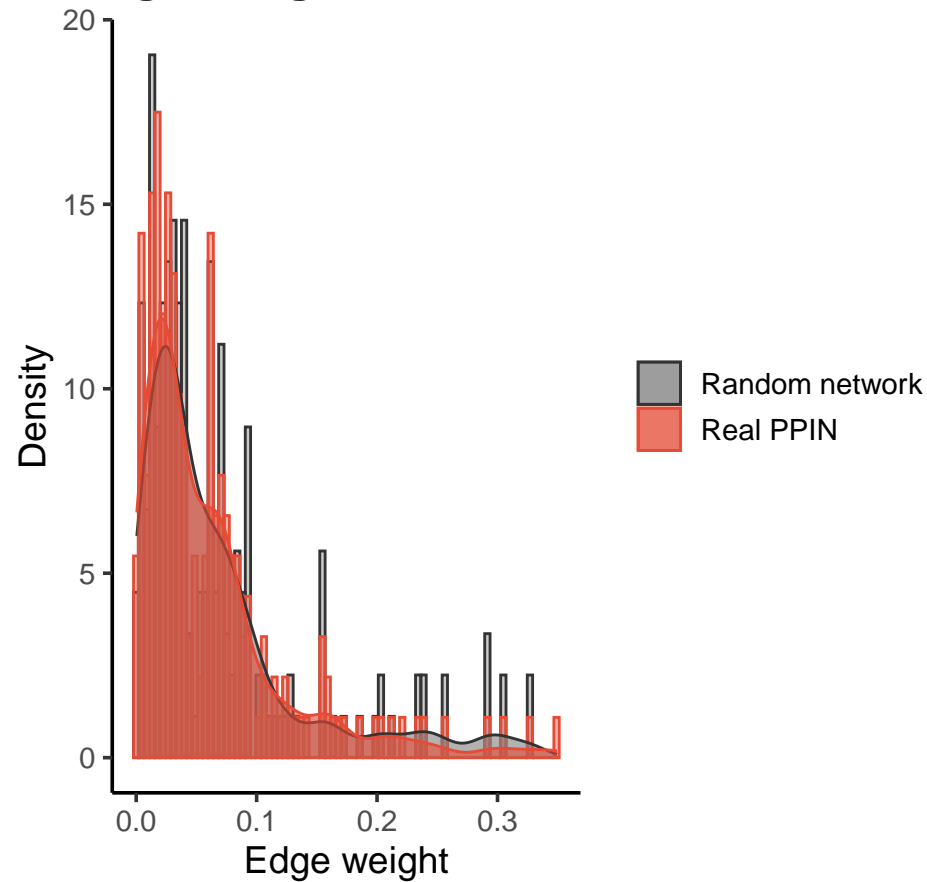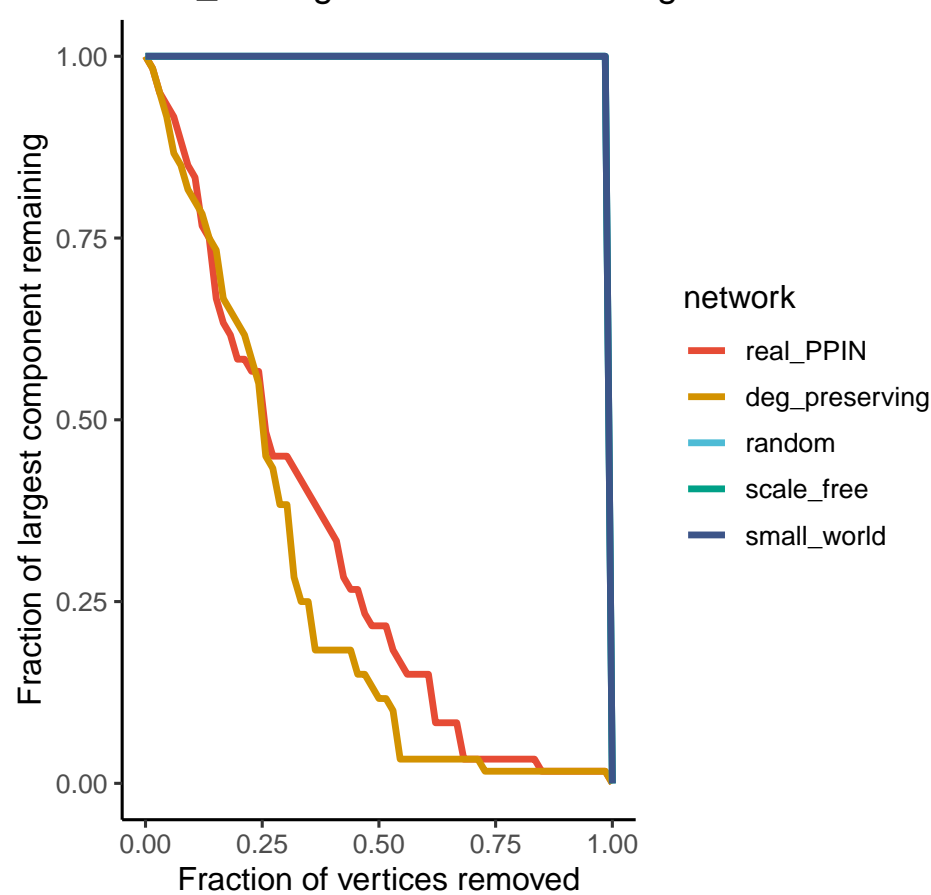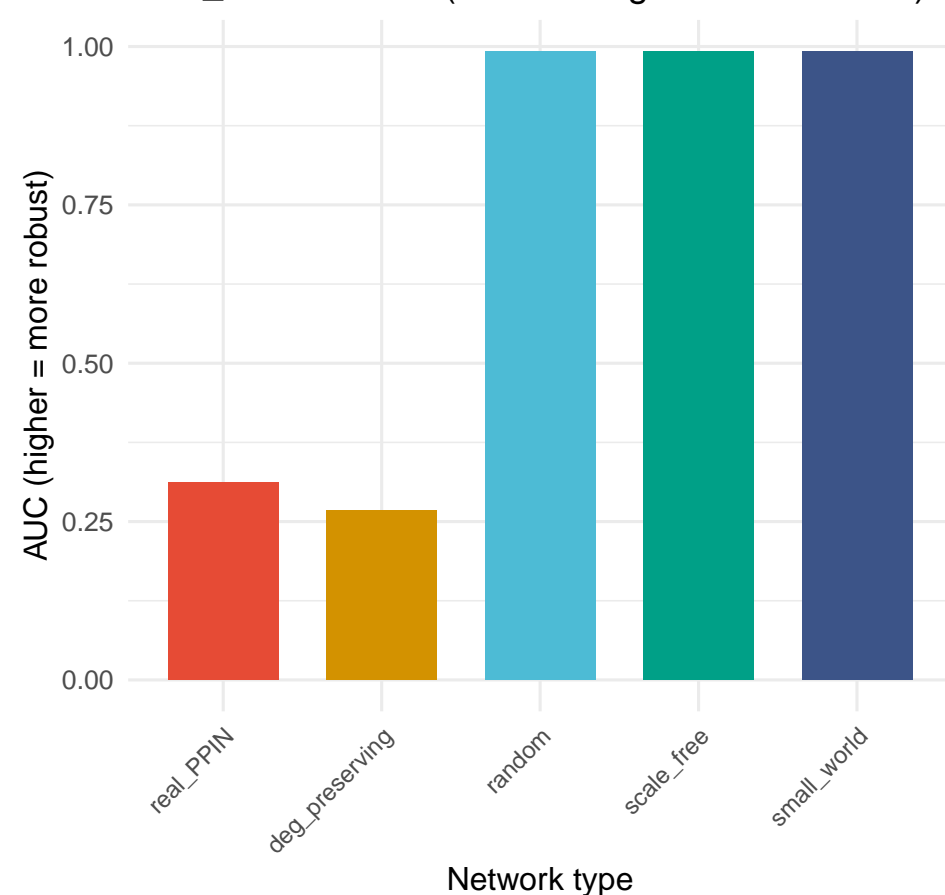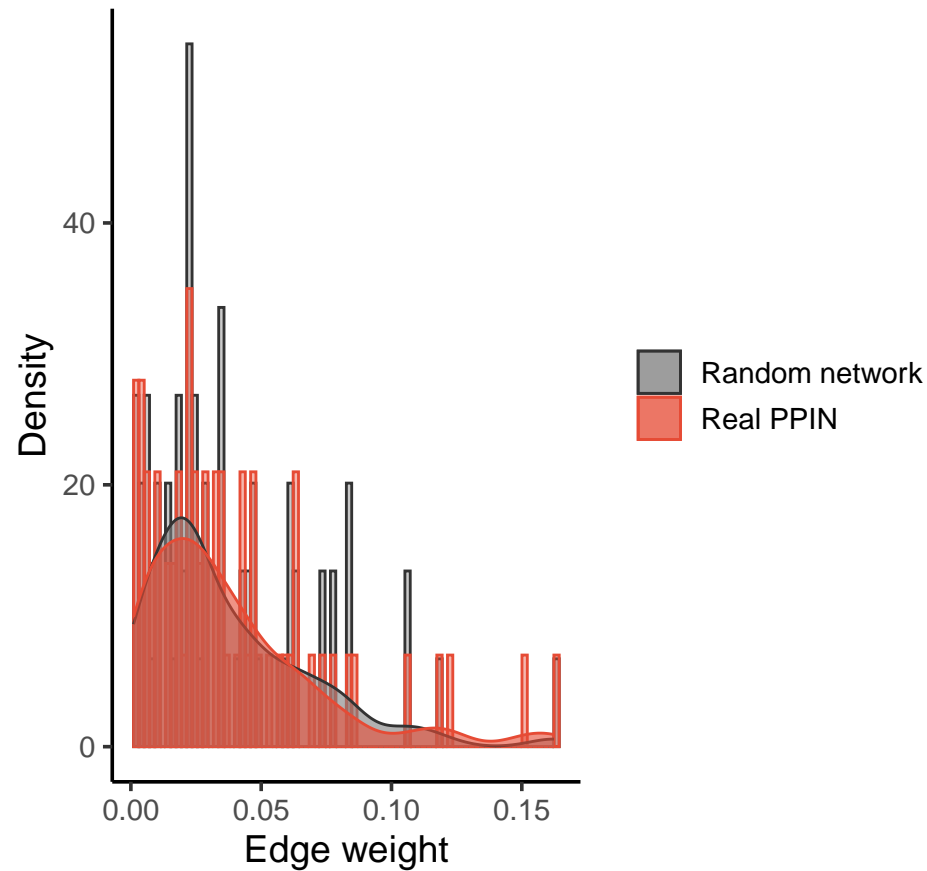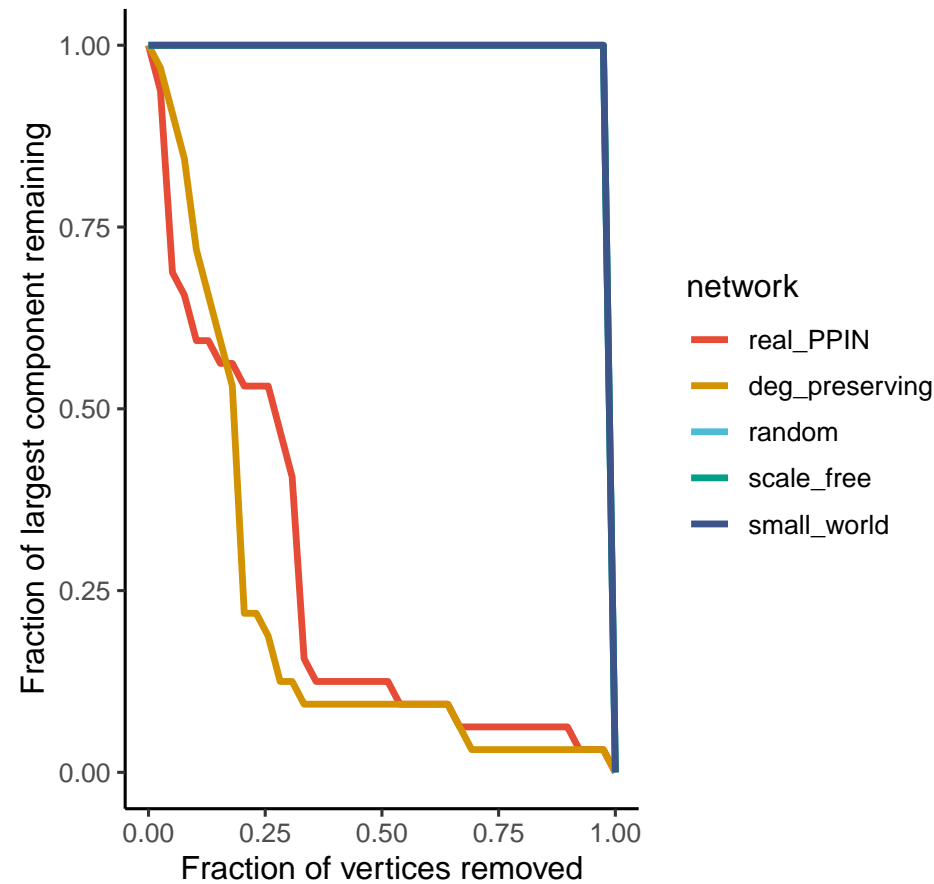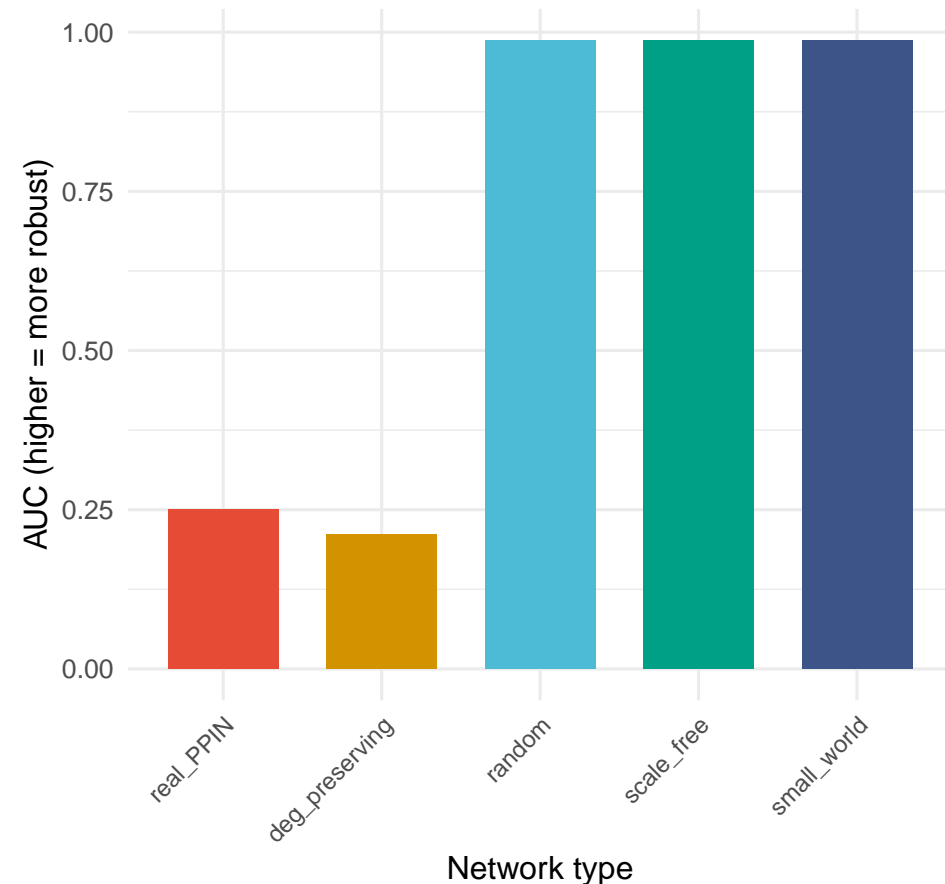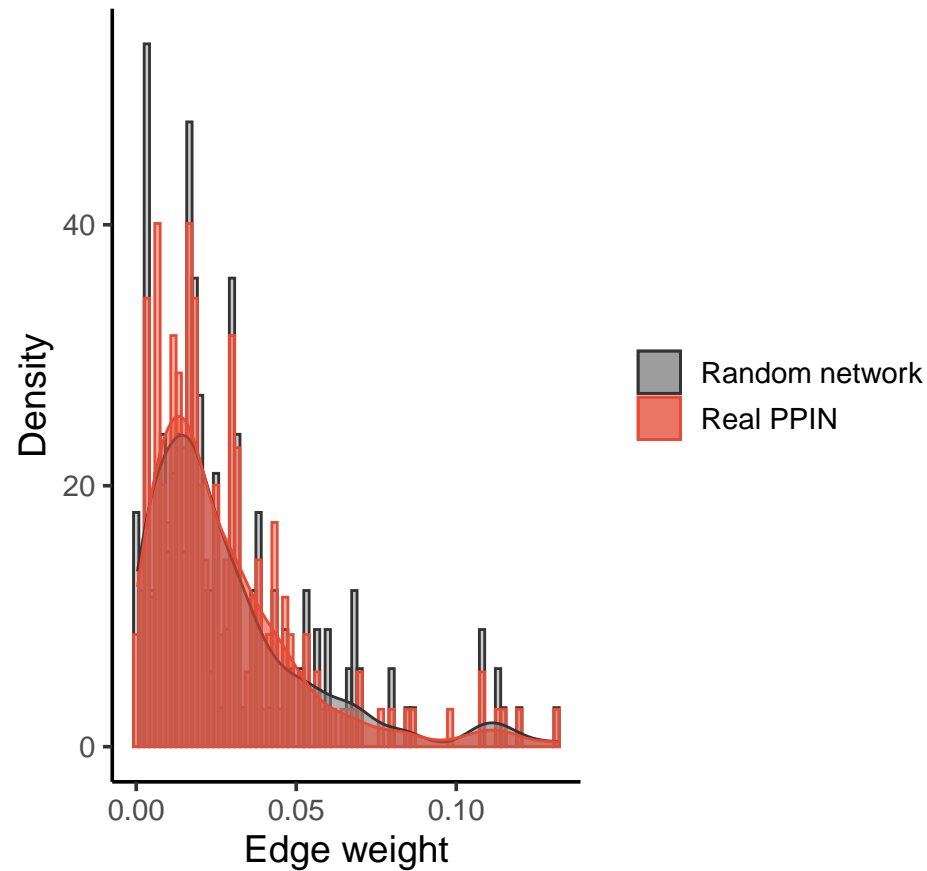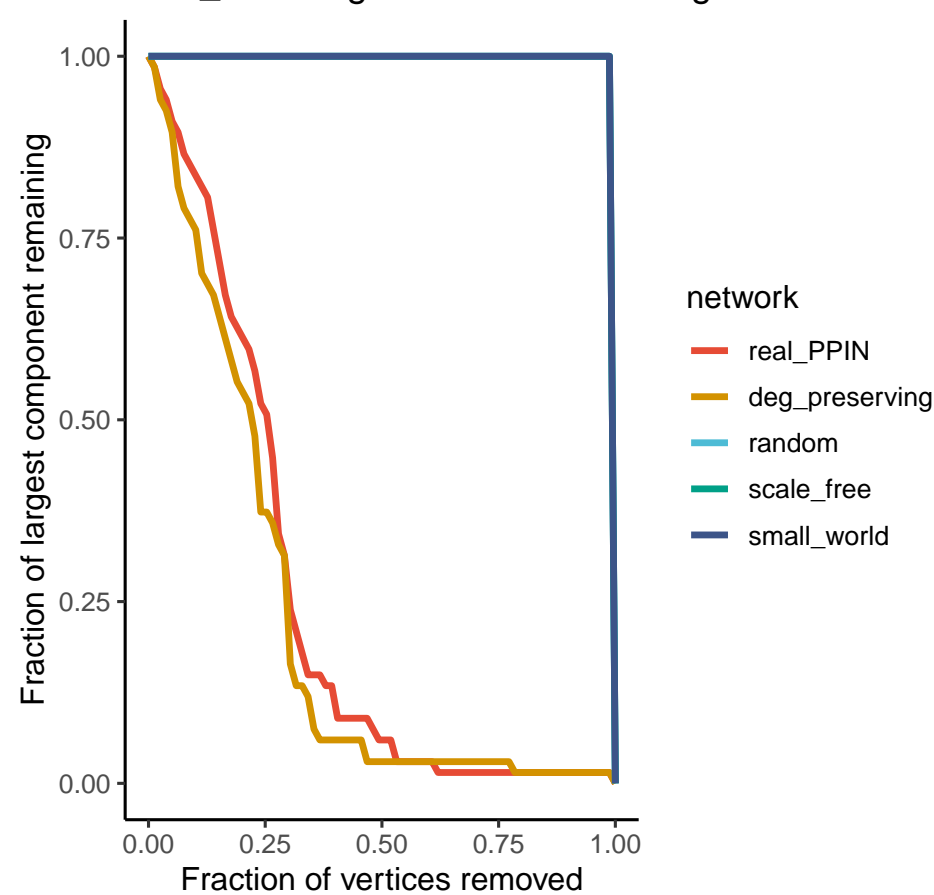CTS_15 resilience (AUC of fragmentation curve)

Edge−weight distribution · CTS_16 fragmentation under targeted−node attack · CTS_16 resilience (AUC of fragmentation curve)
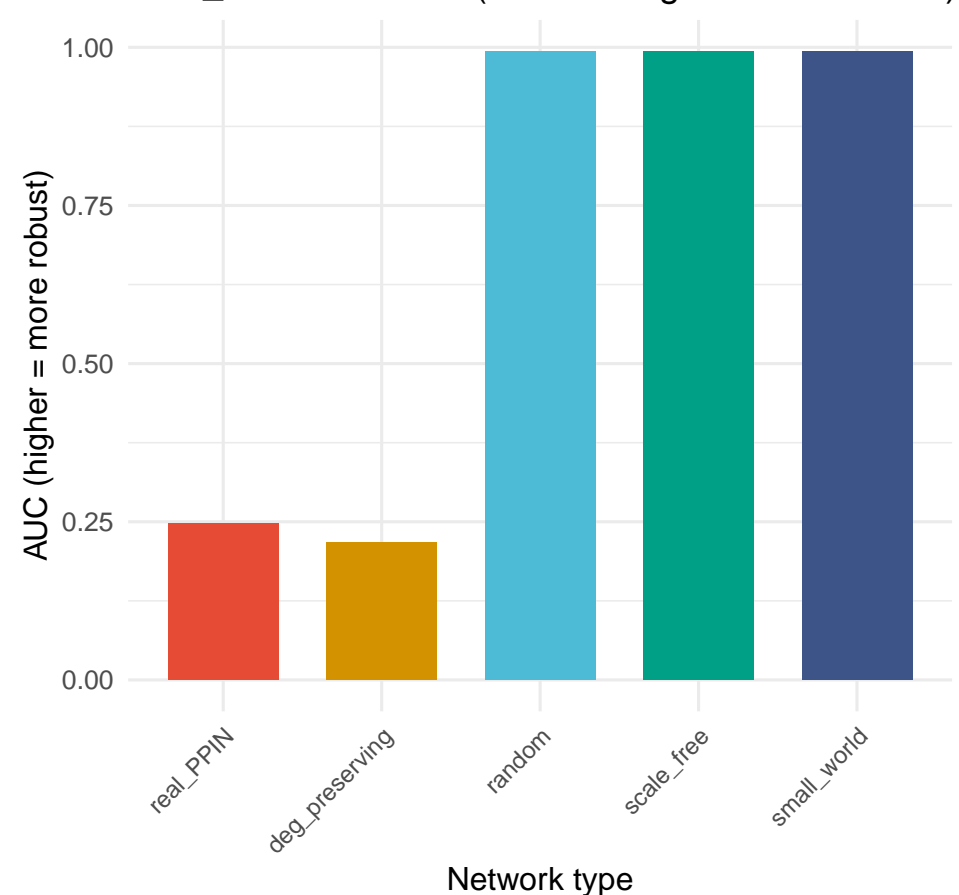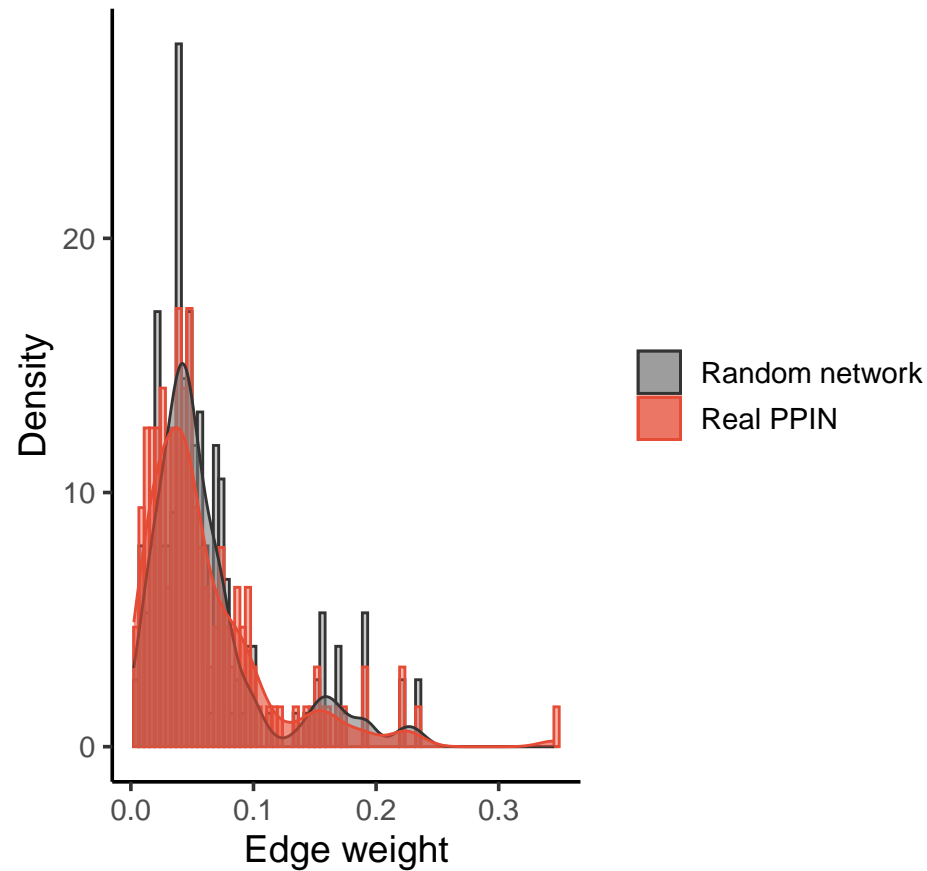
Edge−weight distribution

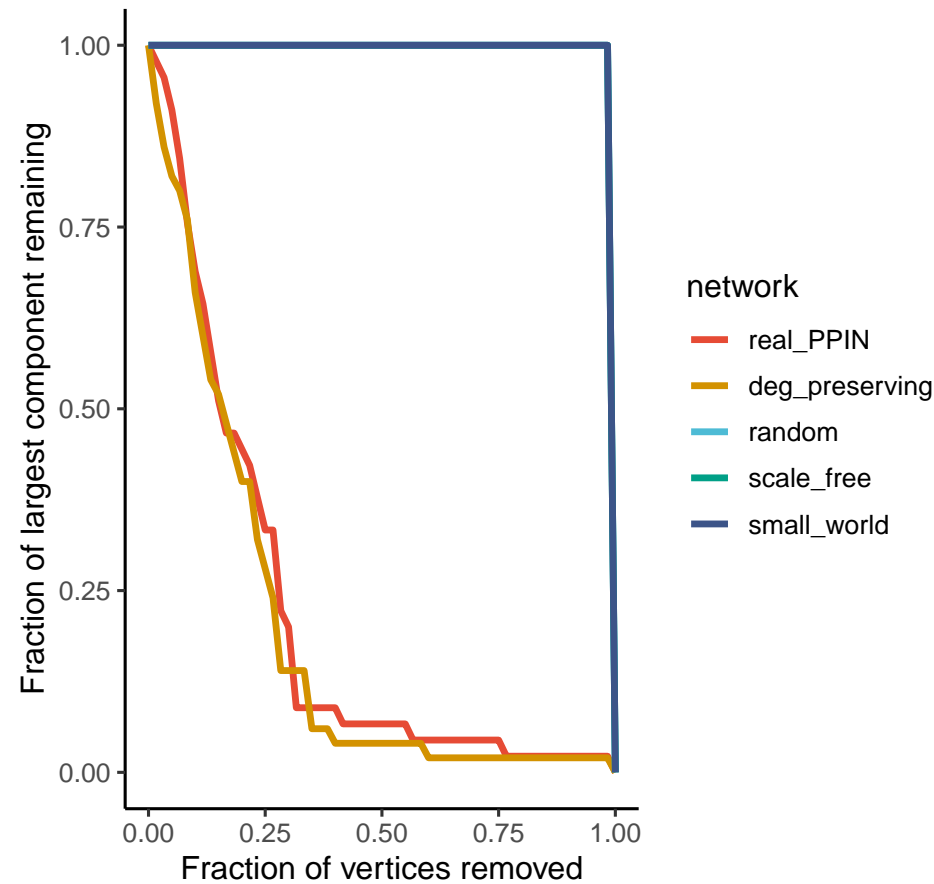CTS_16.1 fragmentation under targeted−node attack

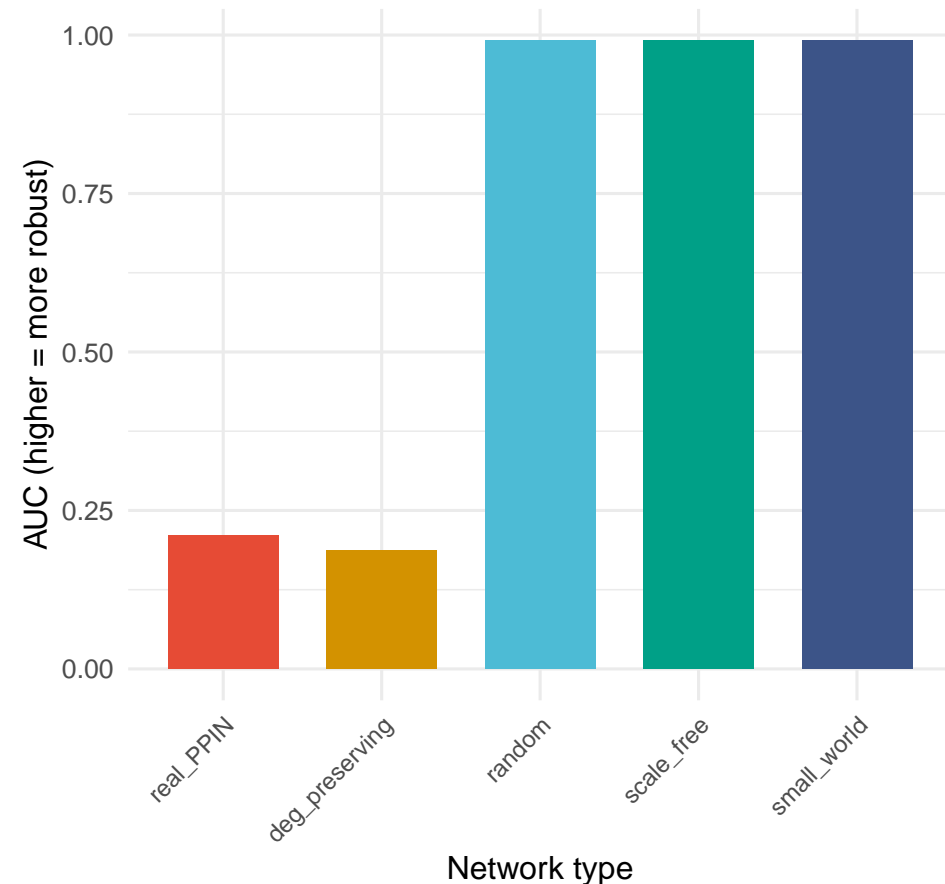CTS_16.1 resilience (AUC of fragmentation curve)
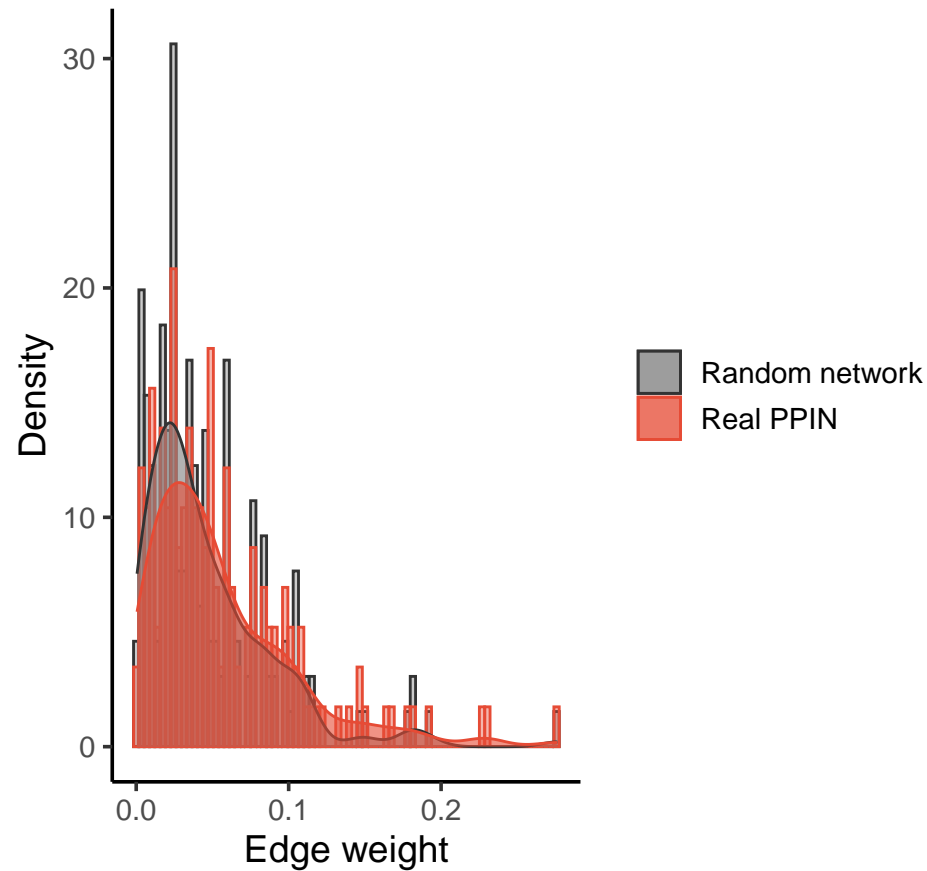
Edge−weight distribution
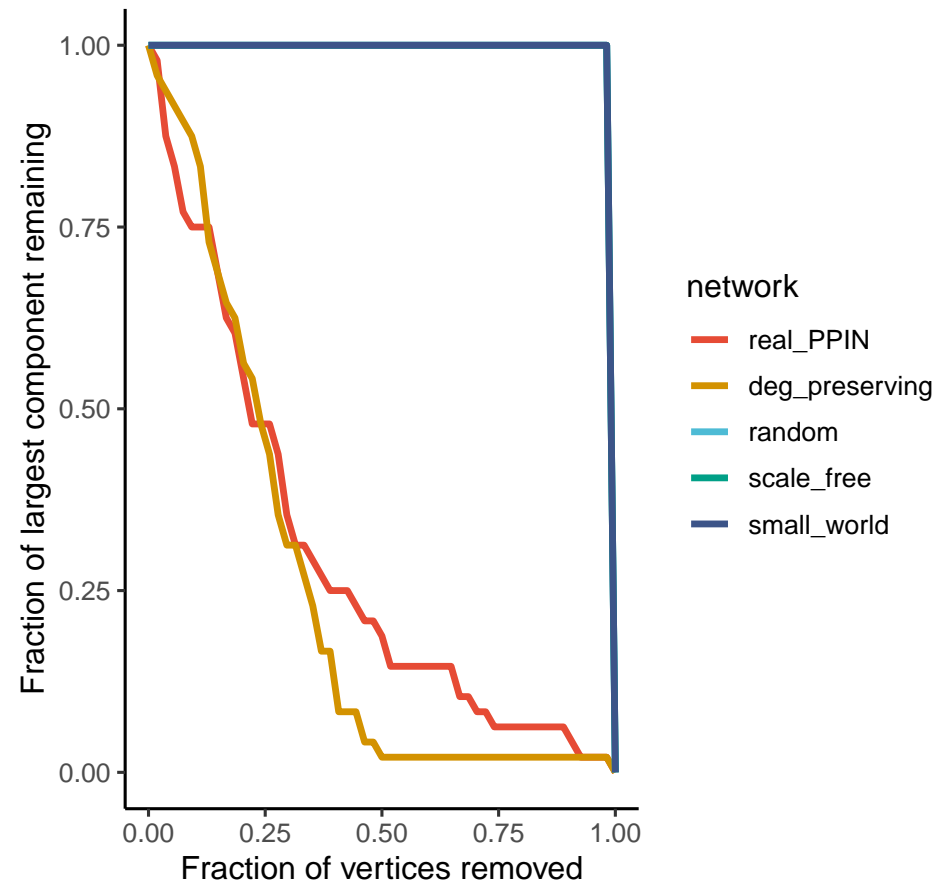
CTS_13 fragmentation under targeted−node attack

CTS_13 resilience (AUC of fragmentation curve)

Edge–weight distribution

CTS_8 fragmentation under targeted–node attack

CTS_8 resilience (AUC of fragmentation curve)