

PHYSICAL ENVIRONMENT

Built and Natural

Physical Attributes

Setting/resource number

Ease of access/proximity

• Connectivity

• Density

• Mixed-use

Perceived attributes

Physical homogeneity

X

Life Domains

Work/school

Home

Leisure

Transport

SOCIAL NETWORK ENVIRONMENT

Population Attributes

Population number

Population density

Population individual attributes

• Demographic

• Biological

• Psychological

Population homogeneity

X

Interaction Mode

Virtual

• Online-text based

• Online social network

• Video- or web-conference/chat

• Phone

In-person

Mobile/stationary

SOCIAL NETWORK INTERACTIONS

Social Network Structure

Network centrality

Network transitivity

Network relational attributes

• Network physical proximity

• Network relationship role(s)

Network individual attributes

• Demographic

• Biological

• Psychological

Network homogeneity

X

Social Network Functions

Behavioral

• Modeling/norms

• Resources/assistance/companionship

• Encouragement/praise/criticism

• Behavioral monitoring & refinement

Perceived

• Benefits and costs

• Emotions

• Exertion/pain