

Student Study Designs as of 2/20/01

Students	Study Question	DV	IV	EV	Study Design
Al Dahar & Dasalla	Is a high salt diet associated with the development of kidney stones in bed ridden patients?	Kidney stones	High salt diet	kidney disease, residence, water consumption	Categorical outcome, independent groups (high salt / low salt?) - observational cohort; timing is mixed.
Cullison & Vallez	Does a Women & Health class effect a teenage girls' sexual activity?	Sexual activity involving genital contact	Taking the class	Age, ethnicity, drug use, sexual orientation, religious importance, single head of household	Categorical outcome, Independent Groups - 3.c.i. - Non-randomized experiment
Drake	Is attendance at local farmers' market associated with blood pressure?	Blood pressure	Farmers' market attendance	Pending	Continuous outcome, Independent Samples (1.c.i.), Observational, cross-sectional
Goethals & MacBayne	Does participation in an exercise program reduce blood pressure?	Resting systolic blood pressure	Participation in exercise program	prior physical activity, hx of hypertension, diet, BMI, smoking, smoking frequency, exercise outside of the program	Continuous outcome, independent groups (3.c.i.) - Randomized experiment
Honda & Stolan	Is there an association between being foreign-born Chinese and colon cancer?	Colon cancer	Foreign-born Chinese	Sex, Age, Diet, Family History	Categorical outcome, Independent Samples (3.c.i.) Observational, case-control
Pedersen & Mouline	Is smoking associated with Parkinson's disease?	Parkinson's disease	Smoking (yes/no)	Amount smoked, age, sex, family hx, education level, coffee consumption, geographic area	Categorical outcome, independent groups (3.c.i.) - case-control

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Rasmussen & Peeler	Is social support effected by a first suicide attempt?	Social support index	None (paired samples)	Sex, ethnicity, age,	Continuous outcome, paired samples (1.b) - Observational, Longitudinal [may adapt to have a control group, comparing change in social support in patients with prior depression and patients without prior depression.
Reed & Freiwald	Is there a relationship between thinking you'll die young and becoming a drug abusing juvenile offender?	Drug abusing juvenile offender	Thinking you'll die young	Pending	Categorical outcome, independent groups (3.c.i.) - Considering case-control option
Runyan & Padia	Does having a friend's group in a Needle Exchange Program increase the risk of contracting HIV?	HIV (sero-conversion)	Having a friend's group		Categorical outcome, independent groups (3.c.i.) - observational, cohort, with concurrent data
Schlieman & Lowery	Does a 13-week behavior modification program increase knowledge and skills in preventing heart disease in high risk individuals?	Change in test score	None (paired samples)	Education level, prior training, LEP, attendance, age	Continuous Outcome, Paired samples - (1.b), Uncontrolled, unblinded, non-randomized experiment)