Online Resource

# Chapter 12: Covariations: Relationships between two independent variables

## Effect size activity

In the table below, each diagram shows the direct effect sizes between variables, with a table to fill in with the total and unique effects of each IV on the DV. We have done the first calculations for you: you can fill in the rest. The example that matches this activity can be found in section 12.4.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  | | --- | --- | --- | |  | Unique | Total | | IV1 | 0.0995 | 0.11 | | IV2 | 0.0995 | 0.11 | |
|  | |  |  |  | | --- | --- | --- | |  | Unique | Total | | IV1 | 0.0436 | 0.19 | | IV2 | 0.0436 | 0.19 | |
|  | |  |  |  | | --- | --- | --- | |  | Unique | Total | | IV1 | 0.32 | 0.52 | | IV2 | 0.16 | 0.44 | |
|  | |  |  |  | | --- | --- | --- | |  | Unique | Total | | IV1 | 0.32 | 0.28 | | IV2 | –0.16 | 0.04 |   NB. Watch the sign |
|  | |  |  |  | | --- | --- | --- | |  | Unique | Total | | IV1 | –0.32 | –0.28 | | IV2 | –0.16 | 0.04 | |
|  | |  |  |  | | --- | --- | --- | |  | Unique | Total | | IV1 | 0.24 | –0.16 | | IV2 | –0.42 | –0.38 | |