



C

```
. tabulate participantsregion, generate ( participantsregionew)
```

participantsregion	Freq.	Percent	Cum.
Asia	4	40.00	40.00
Europe	2	20.00	60.00
North America	4	40.00	100.00
Total	10	100.00	

```
. metareg logrr participantsregionew1 participantsregionew2 participantsregionew3, wsse (selogrr) knapphartung reml
note: participantsregionew3 dropped because of collinearity
```

Meta-regression

REML estimate of between-study variance	tau2	=	.008035
% residual variation due to heterogeneity	I-squared_res	=	15.78%
Proportion of between-study variance explained	Adj R-squared	=	.%
Joint test for all covariates	Model F(2,7)	=	0.14
With Knapp-Hartung modification	Prob > F	=	0.8726

logrr	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
participantsregionew1	-.0106555	.1797495	-0.06	0.954	-.4356955 .4143845
participantsregionew2	.0796745	.1944402	0.41	0.694	-.3801034 .5394524
_cons	-.0943118	.1371063	-0.69	0.514	-.4185166 .229893

B

```
. tabulate sex, generate ( sexnew)
```

sex	Freq.	Percent	Cum.
female	6	60.00	60.00
male	4	40.00	100.00
Total	10	100.00	

```
. metareg logrr sexnew1 sexnew2, wsse (selogrr) knapphartung reml
note: sexnew2 dropped because of collinearity
```

Meta-regression

REML estimate of between-study variance	tau2	=	0
% residual variation due to heterogeneity	I-squared_res	=	0.42%
Proportion of between-study variance explained	Adj R-squared	=	.%
With Knapp-Hartung modification			

logrr	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
sexnew1	-.1120692	.1333867	-0.84	0.425	-.4196595 .1955211
_cons	-.0110753	.0978042	-0.11	0.913	-.2366123 .2144617

D

```
. tabulate dietaryassessment, generate ( dietaryassessmentnew)
```

dietaryassessment	Freq.	Percent	Cum.
FFQ	4	40.00	40.00
validated FFQ	6	60.00	100.00
Total	10	100.00	

```
. metareg logrr dietaryassessmentnew1 dietaryassessmentnew2, wsse (selogrr) knapphartung reml
note: dietaryassessmentnew1 dropped because of collinearity
```

Meta-regression

REML estimate of between-study variance	tau2	=	.001097
% residual variation due to heterogeneity	I-squared_res	=	6.09%
Proportion of between-study variance explained	Adj R-squared	=	.%
With Knapp-Hartung modification			

logrr	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
dietaryassessmentnew2	.0642559	.1426454	0.45	0.664	-.2646851 .3931968
_cons	-.112665	.1133825	-0.99	0.349	-.3741255 .1487955