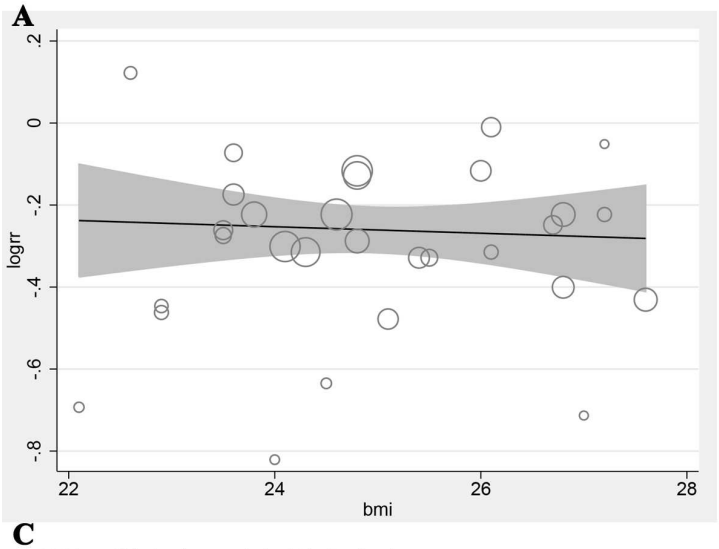
A



B

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

sex	Freq.	Percent	Cum.
both male and female	10	28.57	28.57
female	17	48.57	77.14
male	8	22.86	100.00
Total	35	100.00	

```
. metareg logrr  sexnew1 sexnew2 sexnew3, wsse (selogrr) knapphartung reml
note: sexnew3 dropped because of collinearity

Meta-regression                                 Number of obs  =       35
REML estimate of between-study variance         tau2           = .004692
% residual variation due to heterogeneity       I-squared_res  =  36.58%
Proportion of between-study variance explained  Adj R-squared  = -26.08%
Joint test for all covariates                   Model F(2,32)  =    1.31
With Knapp-Hartung modification                 Prob > F       =  0.2841
```

logrr	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
sexnew1	-.1314075	.0857784	-1.53	0.135	-.3061323	.0433174
sexnew2	-.0630804	.0541113	-1.17	0.252	-.1733016	.0471407
_cons	-.1956565	.0461514	-4.24	0.000	-.2896637	-.1016492

C

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

participantsregion	Freq.	Percent	Cum.
Asia	13	37.14	37.14
Multiple nations	5	14.29	51.43
North America	17	48.57	100.00
Total	35	100.00	

```
. metareg logrr  participantsregionnew1 participantsregionnew2 participantsregionnew3, wsse (selogrr) knapphartung reml
note: participantsregionnew1 dropped because of collinearity

Meta-regression                                 Number of obs  =       35
REML estimate of between-study variance         tau2           = .004868
% residual variation due to heterogeneity       I-squared_res  =  39.22%
Proportion of between-study variance explained  Adj R-squared  = -30.80%
Joint test for all covariates                   Model F(2,32)  =    0.10
With Knapp-Hartung modification                 Prob > F       =  0.9047
```

logrr	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
participantsregionnew2	.0027567	.0731865	0.04	0.970	-.1463193	.1518327
participantsregionnew3	-.0201657	.0599158	-0.34	0.739	-.1422102	.1018788
_cons	-.2392399	.0510872	-4.68	0.000	-.3433012	-.1351786

D

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

dietaryassessment	Freq.	Percent	Cum.
24h dietary recall and SFFQ	1	2.86	2.86
FFQ	4	11.43	14.29
SFFQ	1	2.86	17.14
validated DHQ	1	2.86	20.00
validated FFQ	17	48.57	68.57
validated SFFQ	11	31.43	100.00
Total	35	100.00	

```
. metareg logrr  dietaryassessmentnew1 dietaryassessmentnew2 dietaryassessmentnew3 dietaryassessmentnew4 dietaryassessmentnew5 dietary
> assessmentnew6, wsse (selogrr) knapphartung reml
note: dietaryassessmentnew4 dropped because of collinearity

Meta-regression                                 Number of obs  =       35
REML estimate of between-study variance         tau2           = .004258
% residual variation due to heterogeneity       I-squared_res  =  38.66%
Proportion of between-study variance explained  Adj R-squared  = -14.42%
Joint test for all covariates                   Model F(5,29)  =    0.86
With Knapp-Hartung modification                 Prob > F       =  0.5210
```

logrr	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
dietaryassessmentnew1	.1072455	.5310922	0.20	0.841	-.97896	1.193451
dietaryassessmentnew2	.4672073	.296568	1.58	0.126	-.1393423	1.073757
dietaryassessmentnew3	.5183445	.311752	1.66	0.107	-.1192599	1.155949
dietaryassessmentnew5	.3650754	.2813784	1.30	0.205	-.2104081	.9405589
dietaryassessmentnew6	.3944872	.2812621	1.40	0.171	-.1807583	.9697328
_cons	-.6348783	.279225	-2.27	0.031	-1.205958	-.0637991