



Stata 18.0
BE–Basic Edition

Statistics and Data Science

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Notes:

1. Unicode is supported; see [help unicode advice](#).

```
1 . import delimited "/Users/georgelaliotis/Downloads/MPH 596_CRC VitD Meta-analysis
> Data Template.csv"
(encoding automatically selected: UTF-8)
(12 vars, 5 obs)

2 . meta set loghr seloghr, studylabel(study)
```

Meta-analysis setting information

Study information

No. of studies: **5**
Study label: **study**
Study size: N/A

Effect size

Type: <generic>
Label: Effect size
Variable: **loghr**

Precision

Std. err.: **seloghr**
CI: [**_meta_cil**, **_meta_ciu**]
CI level: **95%**

Model and method

Model: Random effects
Method: REML

3 . meta summarize

Effect-size label: Effect size
 Effect size: **loghr**
 Std. err.: **seloghr**
 Study label: **study**

Meta-analysis summary
 Random-effects model
 Method: REML

Number of studies = **5**
 Heterogeneity:
 tau2 = **0.0000**
 I2 (%) = **0.00**
 H2 = **1.00**

Study	Effect size	[95% conf. interval]		% weight
SUNSHINE, 2019	-0.446	-2.696	1.804	1.84
AMATERASU, 2019	-0.371	-0.949	0.207	27.83
Trivedi et al, 2003	-0.478	-1.427	0.471	10.34
WHI, 2006	-0.198	-0.653	0.256	45.10
VITAL, 2019	-0.236	-1.026	0.555	14.89
theta	-0.286	-0.591	0.020	

Test of theta = 0: z = **-1.83**

Prob > |z| = **0.0666**

Test of homogeneity: Q = chi2(4) = **0.42**

Prob > Q = **0.9810**

4 . meta forestplot, nullrefline(favorsleft("Favors Vitamin D Supplementation", color
 > r(green)) favorsright("Favors No Vitamin D Supplementation", color (red)))

Effect-size label: Effect size
 Effect size: **loghr**
 Std. err.: **seloghr**
 Study label: **study**

5 . meta funnelplot

Effect-size label: Effect size
 Effect size: **loghr**
 Std. err.: **seloghr**
 Model: Common effect
 Method: Inverse-variance

6 . meta trimfill, funnel

Effect-size label: Effect size
 Effect size: **loghr**
 Std. err.: **seloghr**

