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## S.1 Pre-BMI

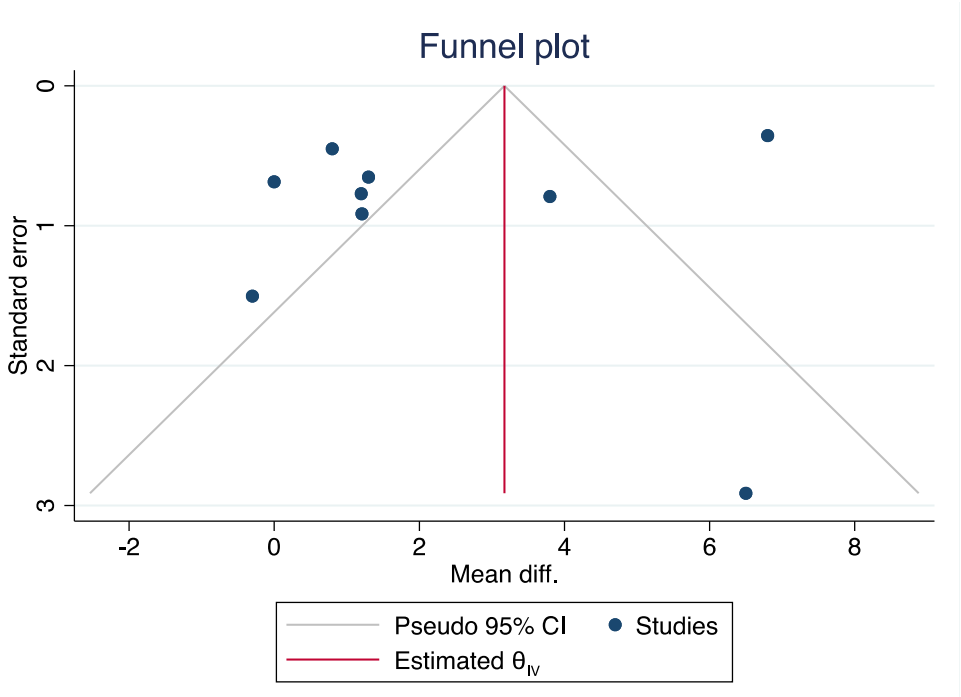
1.1 Meta-analysis summary

Meta-analysis summary — Number of studies = 9
Random-effects model — Heterogeneity:
Method: DerSimonian-Laird — tau2 = 9.7052
I2 (%) = 95.55
H2 = 22.48

| Study | Mean Diff. | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Torres et al | 3.800 | 2.249 | 5.351 | 11.71 |
| Cottam et al | 1.300 | 0.022 | 2.578 | 11.94 |
| Sessa et al | 6.500 | 0.790 | 12.210 | 6.65 |
| Arrue del cid et al | 1.210 | -0.583 | 3.003 | 11.47 |
| Enochs et al | 1.200 | -0.311 | 2.711 | 11.74 |
| Surve et al | -0.300 | -3.246 | 2.646 | 10.11 |
| Verhoef et al | 6.800 | 6.103 | 7.497 | 12.30 |
| Clapp et al | 0.000 | -1.345 | 1.345 | 11.88 |
| Hage et al | 0.800 | -0.082 | 1.682 | 12.21 |
| theta | 2.216 | 0.060 | 4.371 | |

Test of theta = 0: z = 2.01 — Prob > |z| = 0.0439
Test of homogeneity: Q = chi2(8) = 179.81 — Prob > Q = 0.0000

1.2 Funnel plot and Egger´s test showing publication bias; Mean difference pre-BMI (kg/m²) (X-axis) with it is standard error (Y-axis)



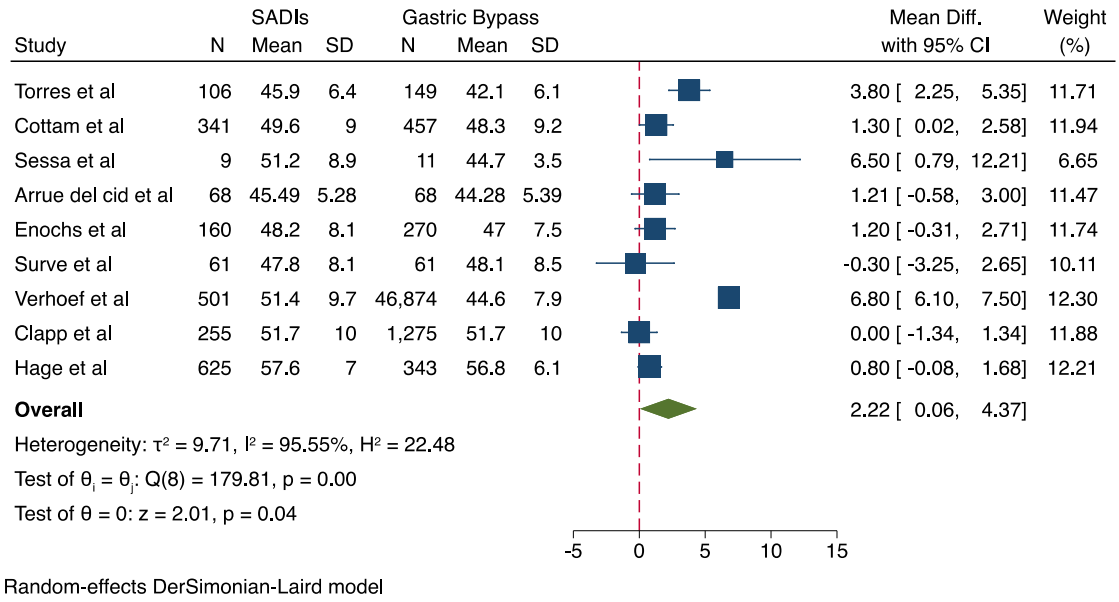
```
Egger's test for small-study effects:
Regress standard normal deviate of intervention
  effect estimate against its standard error

.
Number of studies =  9                                  Root MSE      =   4.383
```

| Std_Eff | Coef. | Std. Err. | t | P>\|t\| | [95% Conf. | Interval] |
|---|---|---|---|---|---|---|
| slope | 3.980251 | 2.345274 | 1.70 | 0.133 | -1.565442 | 9.525944 |
| bias | -2.181482 | 3.500971 | -0.62 | 0.553 | -10.45996 | 6.097 |

```
Test of H0: no small-study effects          P = 0.553
```

## 1.3 Forest plot showing results of pre-BMI (kg/m²) mean difference metanalysis



## S.2 Post-BMI

### 2.1 Meta-analysis summary

Studies included: 5
Participants included: Unknown

Meta-analysis pooling of aggregate data
using the random-effects inverse-variance model
with DerSimonian-Laird estimate of tau²

| name | Effect | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Hage et al | -7.500 | -8.588 | -6.412 | 20.34 |
| Surve et al | -5.000 | -6.775 | -3.225 | 18.86 |
| Enochs et al | -2.400 | -3.427 | -1.373 | 20.45 |
| Cottam et al | -2.300 | -3.410 | -1.190 | 20.30 |
| Torres et al | -1.800 | -3.044 | -0.556 | 20.05 |
| Overall, DL | -3.787 | -6.039 | -1.535 | 100.00 |

Test of overall effect = 0: z = -3.296 p = 0.001

Heterogeneity measures, calculated from the data
with Conf. Intervals based on Gamma (random-effects) distribution for Q

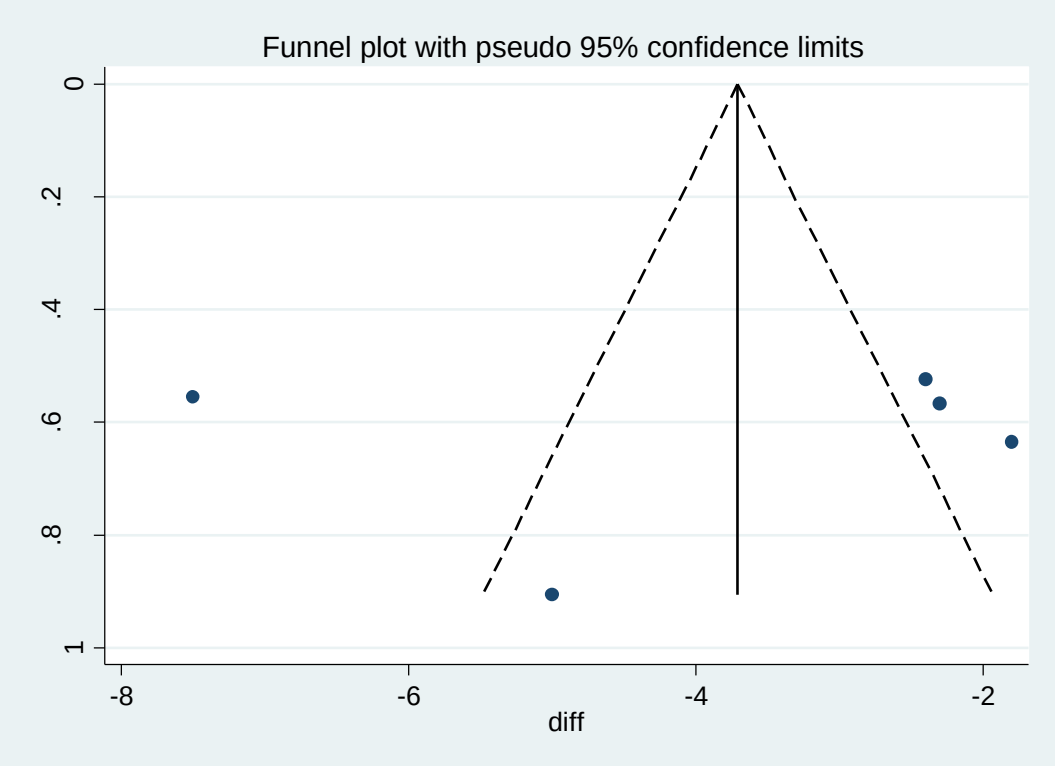
| Measure | Value | df | p-value |
|---|---|---|---|
| Cochran's Q | 70.17 | 4 | 0.000 |
| | | [95% Conf. | Interval] |
| H | 4.188 | 1.368 | 7.094 |
| I² (%) | 94.3% | 46.6% | 98.0% |

H = relative excess in Cochran's Q over its degrees-of-freedom
I² = proportion of total variation in effect estimate due to between-study heterogeneity (based on Q)

Heterogeneity variance estimates

| Method | tau² |
|---|---|
| DL | 6.1811 |

2.2 Funnel plot and Egger's test showing publication bias; Mean difference post-BMI (kg/m²) (X-axis) with it is standard error (Y-axis)



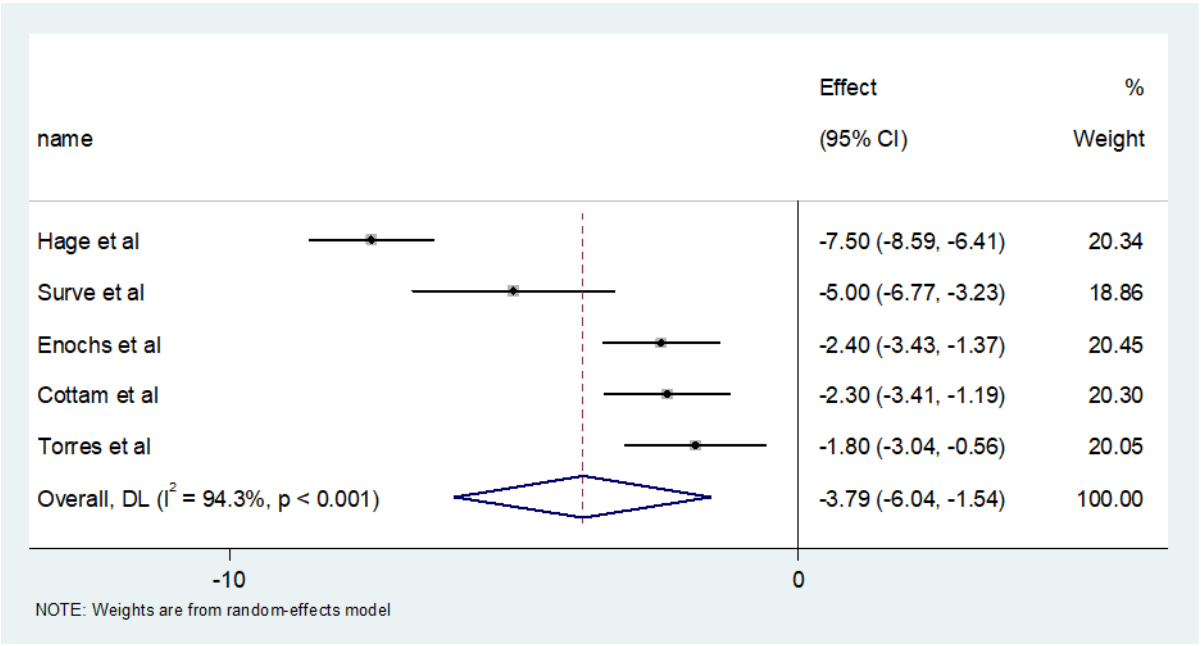

```
Egger's test for small-study effects:
Regress standard normal deviate of intervention
  effect estimate against its standard error

.
Number of studies =  5                                  Root MSE      =    4.819
```

| Std_Eff | Coef. | Std. Err. | t | P>\|t\| | [95% Conf. | Interval] |
|---|---|---|---|---|---|---|
| slope | -2.606134 | 7.576147 | -0.34 | 0.754 | -26.71681 | 21.50455 |
| bias | -1.851368 | 12.54436 | -0.15 | 0.892 | -41.77312 | 38.07039 |

```
Test of H0: no small-study effects          P = 0.892
```

2.3 Forest plot showing results of post-BMI (kg/m²) mean difference meta-analysis



## S.3 Total weight loss (TWL)

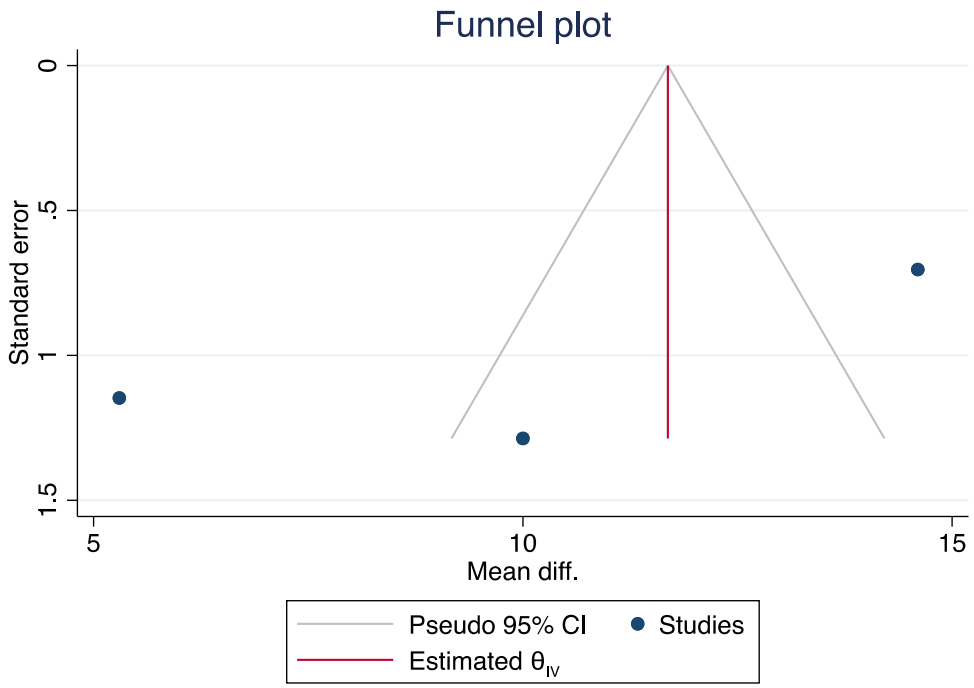
3.1 Meta-analysis summary

```
Meta-analysis summary                       Number of studies =      3
Random-effects model                        Heterogeneity:
Method: DerSimonian-Laird                               tau2 = 25.1945
                                                      I2 (%) =   95.99
                                                          H2 =   24.93
```

| Study | Mean Diff. | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Torres et al | **10.000** | **7.478** | **12.522** | **32.70** |
| Surve et al | **5.300** | **3.052** | **7.548** | **33.12** |
| Hage et al | **14.600** | **13.221** | **15.979** | **34.18** |
| theta | **10.016** | **4.208** | **15.823** | |

```
Test of theta = 0: z = 3.38                  Prob > |z| = 0.0007
Test of homogeneity: Q = chi2(2) = 49.85       Prob > Q = 0.0000
```

3.2 Funnel plot and Egger test showing publication bias; Mean difference TWL (X-axis) with it is standard error (Y-axis)



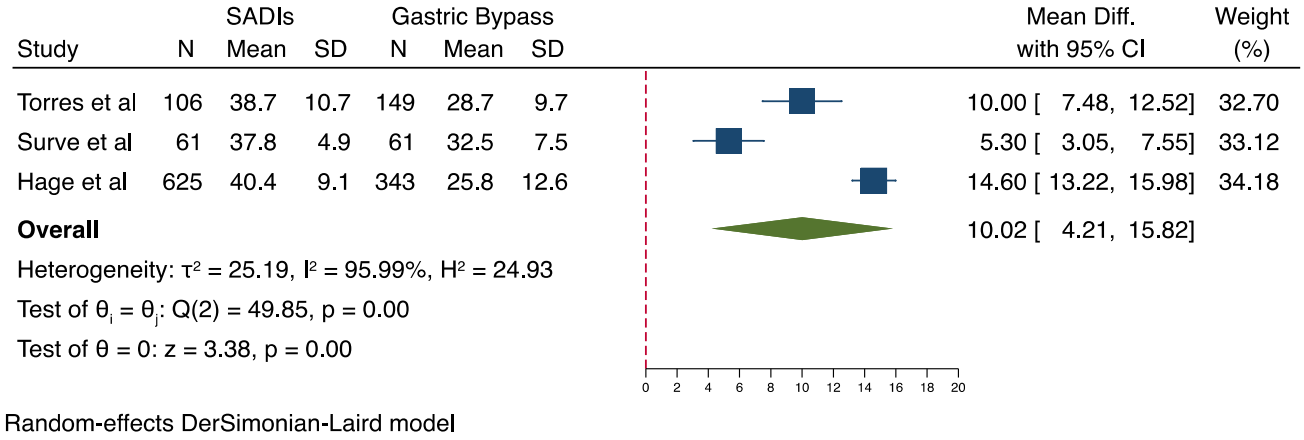
```
Egger's test for small-study effects:
Regress standard normal deviate of intervention
  effect estimate against its standard error

.
Number of studies =  3                                  Root MSE      =    4.094
```

| Std_Eff | Coef. | Std. Err. | t | P>\|t\| | [95% Conf. | Interval] |
|---|---|---|---|---|---|---|
| slope | 24.75591 | 10.29694 | 2.40 | 0.251 | -106.0792 | 155.591 |
| bias | -13.80095 | 10.33799 | -1.33 | 0.409 | -145.1575 | 117.5556 |

```
Test of H0: no small-study effects          P = 0.409
```

## 3.3 Forest plot showing results of TWL (kg/m²) mean difference metanalysis



## S.4 Excess weight loss

### 4.1. Meta-analysis summary

Meta-analysis pooling of aggregate data
using the random-effects inverse-variance model
with DerSimonian-Laird estimate of tau²

| name | Effect | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Surve et al. | 11.100 | 7.169 | 15.031 | 27.03 |
| Enochs et al. | 10.300 | 6.193 | 14.407 | 26.16 |
| Cottam et al. | 6.200 | 2.483 | 9.917 | 28.11 |
| Torres et al. | 15.300 | 9.434 | 21.166 | 18.70 |
| Overall, DL | 10.299 | 6.907 | 13.691 | 100.00 |

Test of overall effect = 0: z = 5.951 p = 0.000

Heterogeneity measures, calculated from the data
with Conf. Intervals based on Gamma (random-effects) distribution for Q

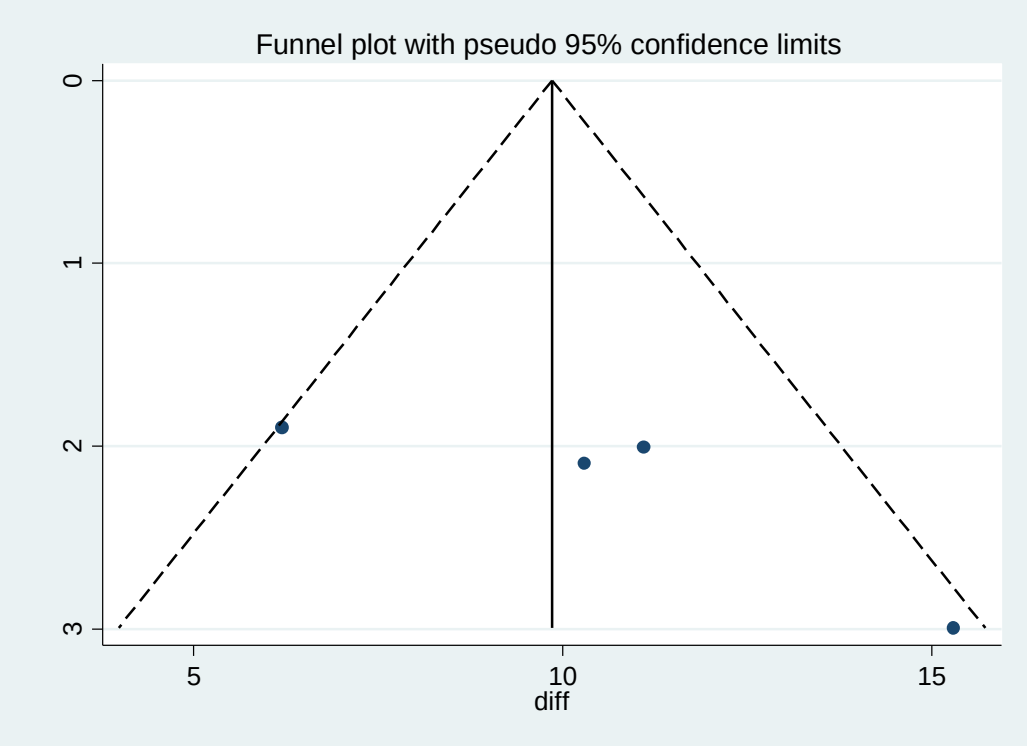
| Measure | Value | df | p-value |
|---|---|---|---|
| Cochran's Q | 7.45 | 3 | 0.059 |
| | | -[95% Conf. | Interval]- |
| H | 1.576 | 1.000 | 2.798 |
| I² (%) | 59.8% | 0.0% | 87.2% |

H = relative excess in Cochran's Q over its degrees-of-freedom
I² = proportion of total variation in effect estimate due to between-study heterogeneity (based on Q)

Heterogeneity variance estimates

| Method | tau² |
|---|---|
| DL | 7.0591 |

4.2. Funnel plot and Egger's test showing publication bias; Mean difference EWL (X-axis) with it is standard error (Y-axis)



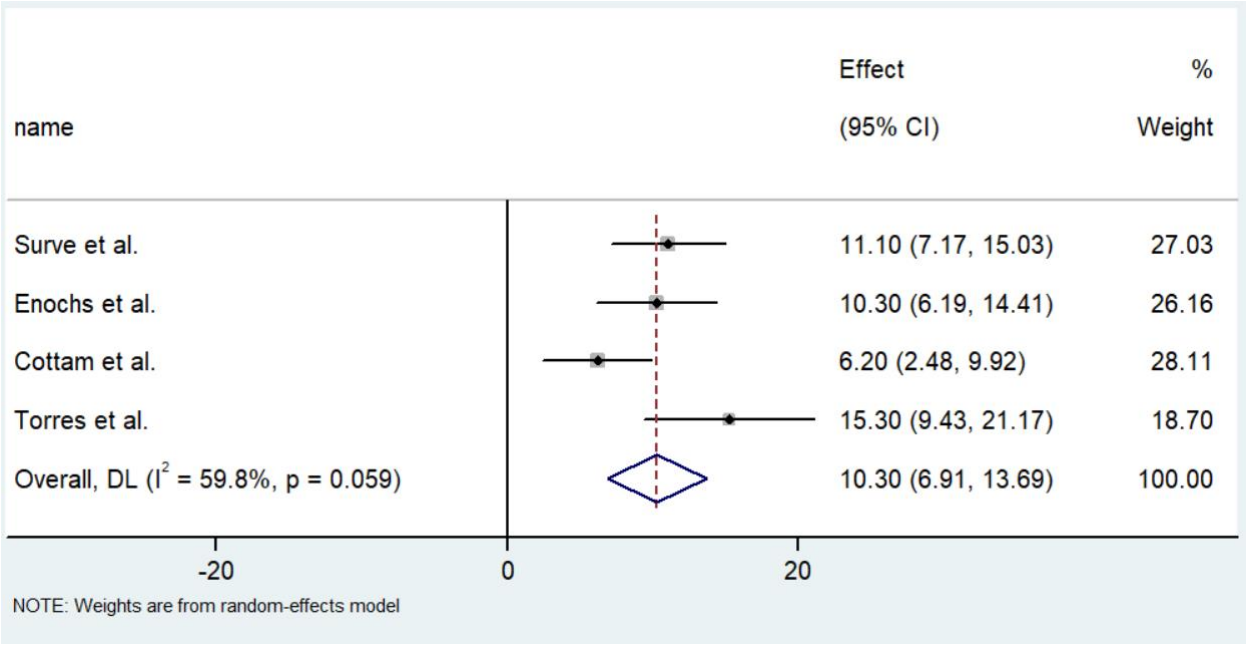

```
Egger's test for small-study effects:
Regress standard normal deviate of intervention
  effect estimate against its standard error

.
Number of studies =  4                                  Root MSE      =   1.093
```

| Std_Eff | Coef. | Std. Err. | t | P>\|t\| | [95% Conf. | Interval] |
|---|---|---|---|---|---|---|
| slope | -5.066326 | 7.343567 | -0.69 | 0.562 | -36.66315 | 26.53049 |
| bias | 7.034679 | 3.416924 | 2.06 | 0.176 | -7.667157 | 21.73652 |

```
Test of H0: no small-study effects          P = 0.176
```

4.3. Forest-plot showing results of excess weight loss meta-analysis



## S.5 Diabetes Mellitus remission

### 5.1. Meta-analysis summary

Meta-analysis pooling of Odds Ratios
using the random-effects inverse-variance model
with DerSimonian-Laird estimate of tau²

| name | Odds Ratio | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Hage et al. | 6.844 | 3.824 | 12.248 | 25.56 |
| Enochs et al. | 7.348 | 1.892 | 28.543 | 11.15 |
| Cottam et al. | 2.567 | 1.391 | 4.740 | 24.77 |
| Torres et al. | 2.562 | 1.384 | 4.743 | 24.70 |
| Arrue del cid et al. | 1.653 | 0.522 | 5.234 | 13.81 |
| Overall, DL | 3.488 | 2.022 | 6.018 | 100.00 |

Test of overall effect = 1: z = 4.491 p = 0.000

Heterogeneity measures, calculated from the data
with Conf. Intervals based on Gamma (random-effects) distribution for Q

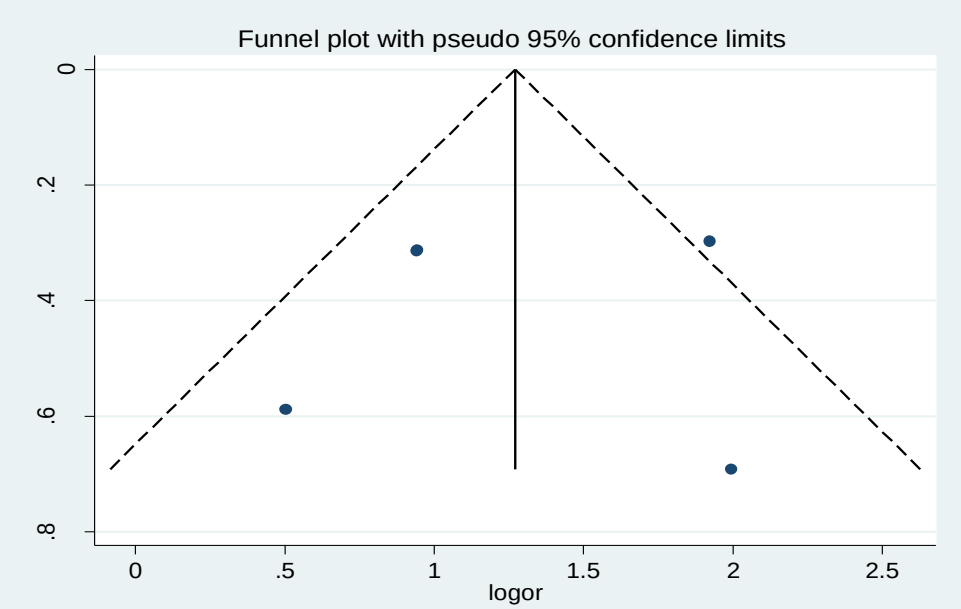
| Measure | Value | df | p-value |
|---|---|---|---|
| Cochran's Q | 9.83 | 4 | 0.043 |
| | | −[95% Conf. | Interval]− |
| H | 1.568 | 1.000 | 2.669 |
| I² (%) | 59.3% | 0.0% | 86.0% |

H = relative excess in Cochran's Q over its degrees-of-freedom
I² = proportion of total variation in effect estimate due to between-study heterogeneity (based on Q)

Heterogeneity variance estimates

| Method | tau² |
|---|---|
| DL | 0.2146 |

5.2. Funnel plot and Egger's test showing publication bias; diabetes mellitus remission (log OR)(X-axis) with it is standard error (Y-axis)



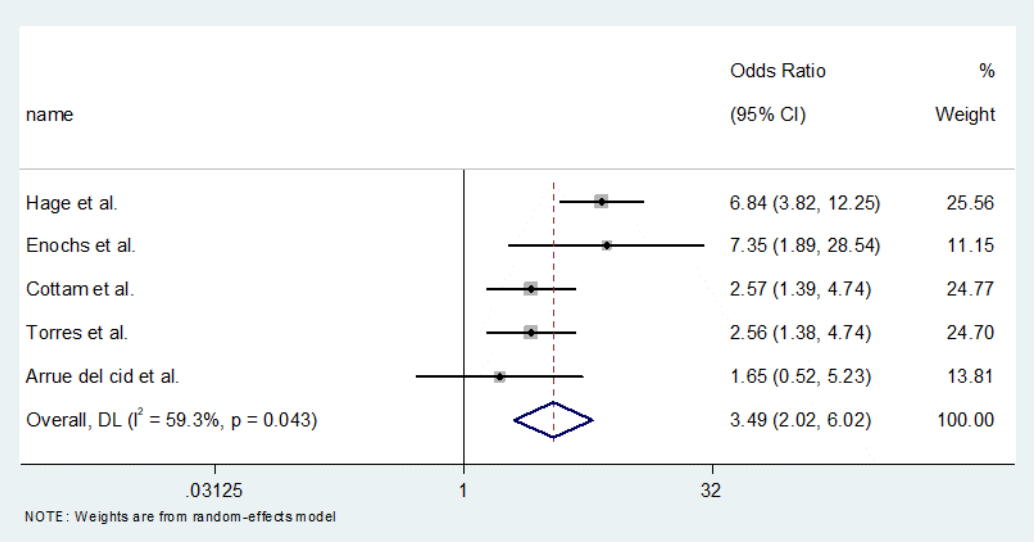

```
Egger's test for small-study effects:
Regress standard normal deviate of intervention
  effect estimate against its standard error

.
Number of studies =  5                                  Root MSE      =    1.805
```

| Std_Eff | Coef. | Std. Err. | t | P>\|t\| | [95% Conf. | Interval] |
|---|---|---|---|---|---|---|
| slope | 1.391467 | .9751624 | 1.43 | 0.249 | -1.711935 | 4.494869 |
| bias | -.3435858 | 2.640478 | -0.13 | 0.905 | -8.746767 | 8.059595 |

```
Test of H0: no small-study effects          P = 0.905
```

## 5.3. Forest plot showing results of diabetes mellitus remission meta-analysis



## S.6 Hypertension remission

### 6.1. Meta-analysis summary

Studies included: 2
Participants included: 512

Meta-analysis pooling of Odds Ratios
using the random-effects inverse-variance model
with DerSimonian-Laird estimate of tau²

| study | Odds Ratio | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Hage et al. | 8.159 | 5.114 | 13.018 | 51.28 |
| Arue del Cid et al. | 1.703 | 0.864 | 3.357 | 48.72 |
| Overall, DL | 3.804 | 0.820 | 17.647 | 100.00 |

Test of overall effect = 1: z = 1.706 p = 0.088

Heterogeneity measures, calculated from the data
with Conf. Intervals based on Gamma (random-effects) distribution for Q

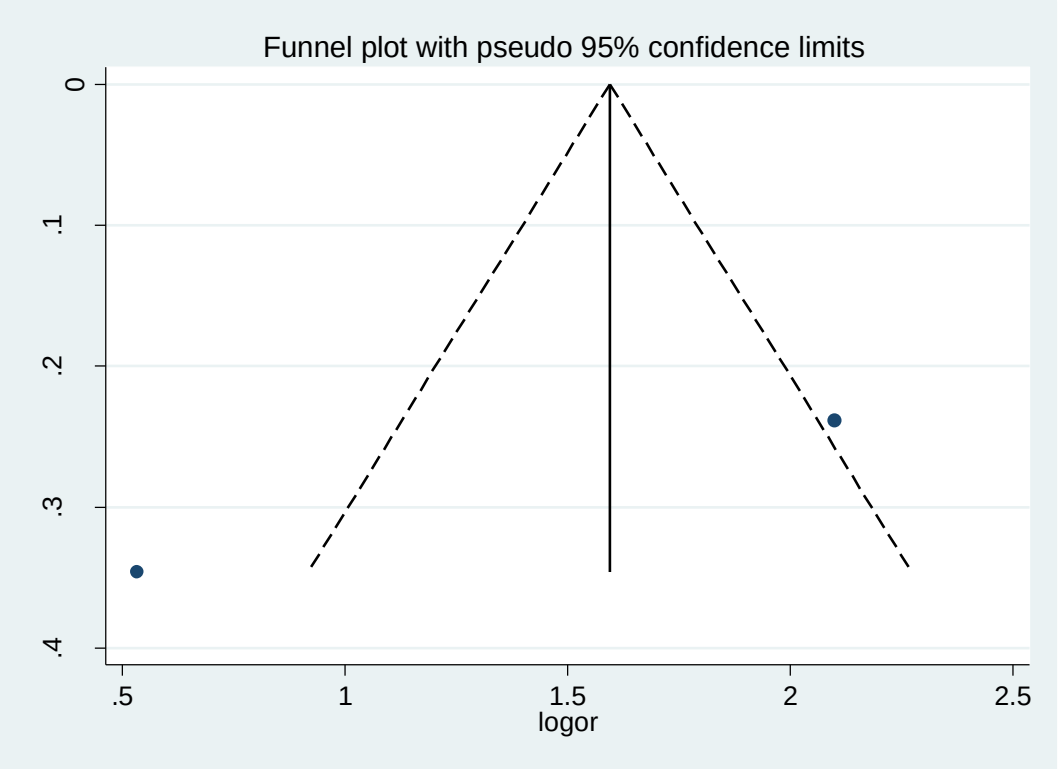
| Measure | Value | df | p-value |
|---|---|---|---|
| Cochran's Q | 13.90 | 1 | 0.000 |
| | | −[95% Conf. | Interval]− |
| H | 3.728 | 1.000 | 8.355 |
| I² (%) | 92.8% | 0.0% | 98.6% |

H = relative excess in Cochran's Q over its degrees-of-freedom
I² = proportion of total variation in effect estimate due to between-study heterogeneity (based on Q)

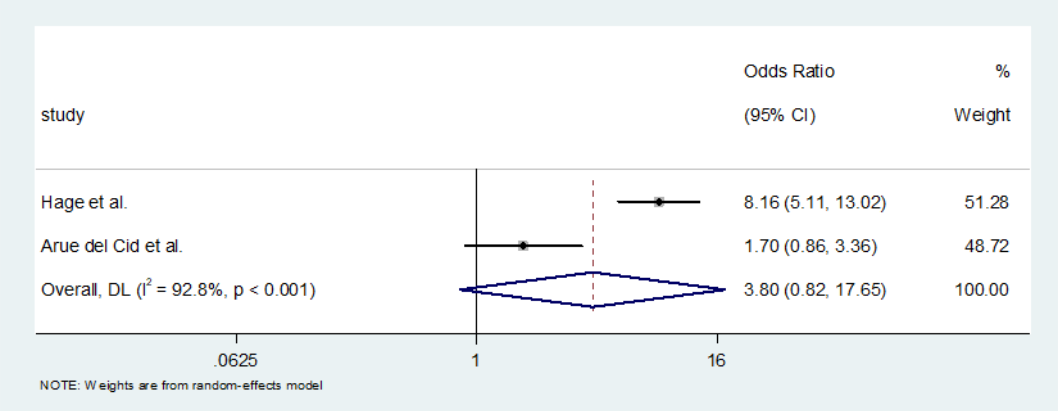
Heterogeneity variance estimates

| Method | tau² |
|---|---|
| DL | 1.1386 |

6.2. Funnel plot showing publication bias; Hypertension remission (log OR)(X-axis) with it is standard error (Y-axis)




6.3. Forest plot showing results of Hypertension remission metanalysis



## S.7 Short-term postoperative complications

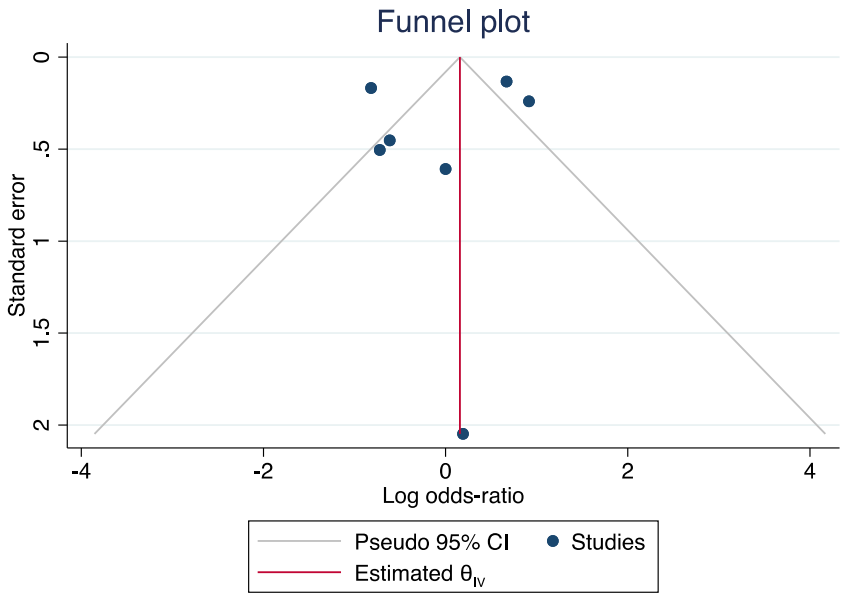
7.1. Meta-analysis summary

Meta-analysis summary — Number of studies = **7**
Random-effects model — Heterogeneity:
Method: DerSimonian-Laird — tau2 = **0.7198**
I2 (%) = **90.75**
H2 = **10.81**

| Study | Odds Ratio | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Cottam et al | **0.441** | **0.318** | **0.613** | **18.55** |
| Sessa et al | **1.211** | **0.022** | **66.958** | **2.82** |
| Arrue del cid et al | **0.485** | **0.181** | **1.305** | **14.24** |
| Surve et al | **1.000** | **0.304** | **3.293** | **12.73** |
| Verhoef et al | **1.953** | **1.507** | **2.533** | **18.81** |
| Clapp et al | **2.498** | **1.560** | **3.998** | **17.84** |
| Hage et al | **0.541** | **0.223** | **1.314** | **15.00** |
| exp(theta) | **0.949** | **0.457** | **1.970** | |

Test of theta = 0: z = **-0.14** — Prob > |z| = **0.8888**
Test of homogeneity: Q = chi2(**6**) = **64.83** — Prob > Q = **0.0000**

7.2. Funnel plot and Egger's test showing publication bias; short-term postoperative complications (log OR)(X-axis) with it is standard error (Y-axis)



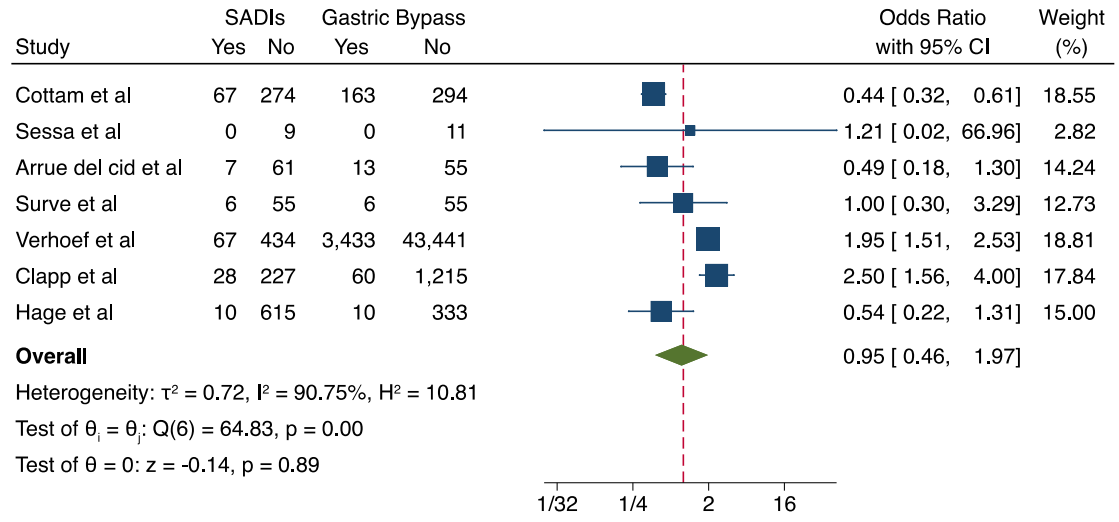
```
Egger's test for small-study effects:
Regress standard normal deviate of intervention
  effect estimate against its standard error

.
Number of studies =  7                                  Root MSE      =   3.525
```

| Std_Eff | Coef. | Std. Err. | t | P>\|t\| | [95% Conf. | Interval] |
|---|---|---|---|---|---|---|
| slope | .3735103 | .5617702 | 0.66 | 0.536 | -1.070566 | 1.817587 |
| bias | -1.095809 | 2.342295 | -0.47 | 0.660 | -7.116871 | 4.925253 |

```
Test of H0: no small-study effects          P = 0.660
```

## 7.3. Forest plot showing results of short-term postoperative complications metanalysis



## S.8 Long-term postoperative complications

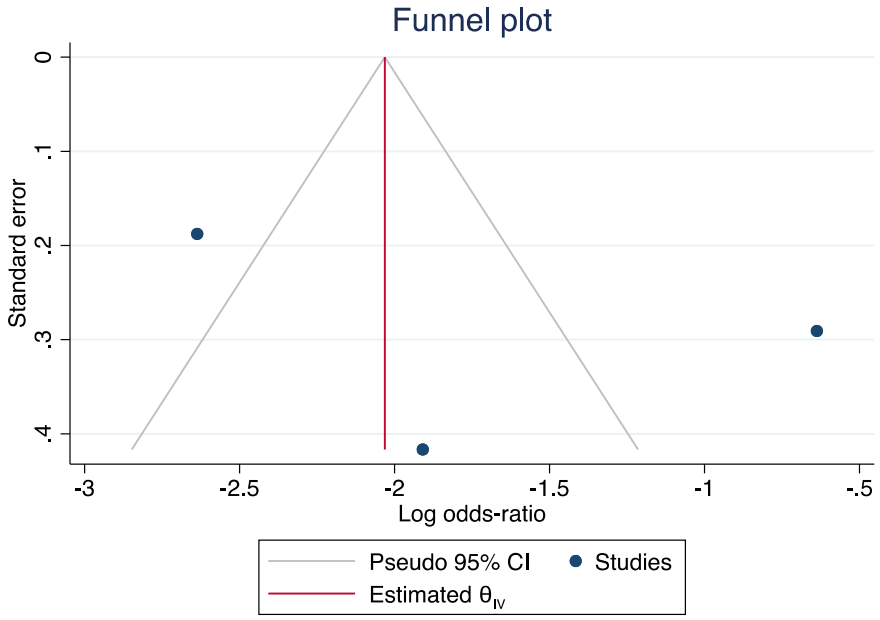
8.1. Meta-analysis summary

```
Meta-analysis summary                       Number of studies =      3
Random-effects model                        Heterogeneity:
Method: DerSimonian-Laird                               tau2 =  1.2746
                                                      I2 (%) =   94.02
                                                          H2 =   16.73
```

| Study | Odds Ratio | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Cottam et al | **0.072** | **0.050** | **0.103** | **34.86** |
| Surve et al | **0.148** | **0.066** | **0.335** | **31.54** |
| Hage et al | **0.529** | **0.299** | **0.934** | **33.60** |
| exp(theta) | **0.176** | **0.047** | **0.663** | |

```
Test of theta = 0: z = -2.57                Prob > |z| = 0.0102
Test of homogeneity: Q = chi2(2) = 33.46      Prob > Q = 0.0000
```

8.2. Funnel plot showing publication bias; long-term postoperative complications (log OR)(X-axis) with it is standard error (Y-axis)



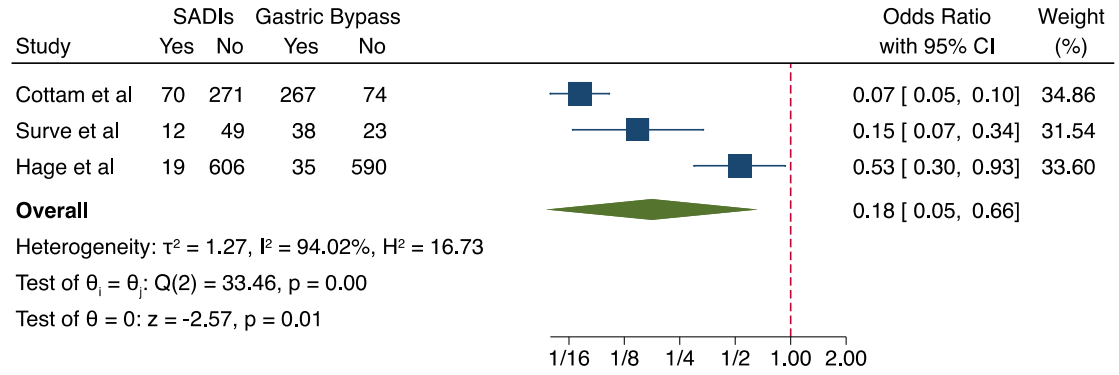
```
Egger's test for small-study effects:
Regress standard normal deviate of intervention
  effect estimate against its standard error

.
Number of studies =  3                                  Root MSE      =    4.629
```

| Std_Eff | Coef. | Std. Err. | t | P>\|t\| | [95% Conf. | Interval] |
|---|---|---|---|---|---|---|
| slope | -3.603422 | 2.205775 | -1.63 | 0.350 | -31.63045 | 24.42361 |
| bias | 6.472213 | 8.634635 | 0.75 | 0.591 | -103.2412 | 116.1857 |

```
Test of H0: no small-study effects          P = 0.591
```

## 8.3. Forest plot showing results of long-term postoperative complications metanalysis




Random-effects DerSimonian-Laird model

## S.9 Severe complications (Clavien-Dindo >3)

### 9.1. Meta-analysis summary

Studies included: 6
Participants included: 49982

Meta-analysis pooling of Odds Ratios
using the random-effects inverse-variance model
with DerSimonian-Laird estimate of tau²

| name | Odds Ratio | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Surve et al. | 0.040 | 0.014 | 0.117 | 17.87 |
| Cottam et al. | 0.397 | 0.252 | 0.625 | 20.82 |
| Arrue del cid et al. | 1.000 | 0.195 | 5.139 | 14.44 |
| Sessa et al. | 1.222 | 0.022 | 67.923 | 5.42 |
| Verhoef et al. | 1.302 | 0.977 | 1.734 | 21.29 |
| Clapp et al. | 3.797 | 2.040 | 7.070 | 20.17 |
| Overall, DL | 0.651 | 0.221 | 1.916 | 100.00 |

Test of overall effect = 1: z = -0.779 p = 0.436

Heterogeneity measures, calculated from the data
with Conf. Intervals based on Gamma (random-effects) distribution for Q

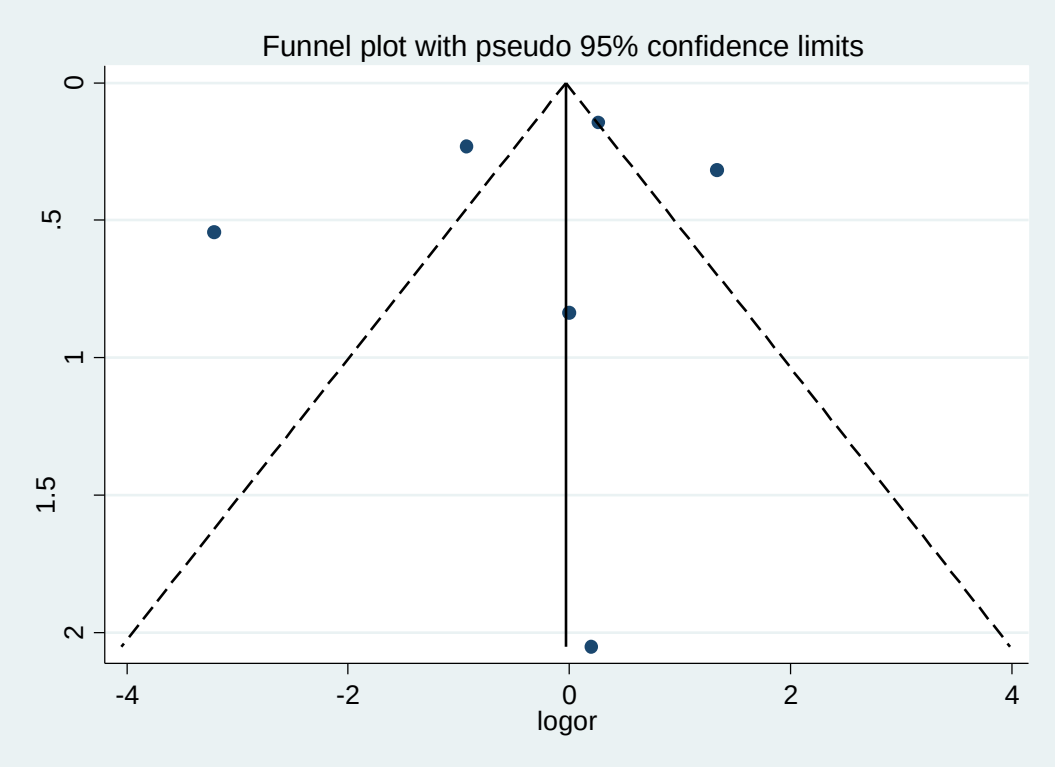
| Measure | Value | df | p-value |
|---|---|---|---|
| Cochran's Q | 71.81 | 5 | 0.000 |
| | | [95% Conf. | Interval] |
| H | 3.790 | 1.000 | 6.982 |
| I² (%) | 93.0% | 0.0% | 97.9% |

H = relative excess in Cochran's Q over its degrees-of-freedom
I² = proportion of total variation in effect estimate due to between-study heterogeneity (based on Q)

Heterogeneity variance estimates

| Method | tau² |
|---|---|
| DL | 1.4050 |

9.2. Funnel plot and Egger's test showing publication bias; severe postoperative complications (log OR)(X-axis) with it is standard error (Y-axis)



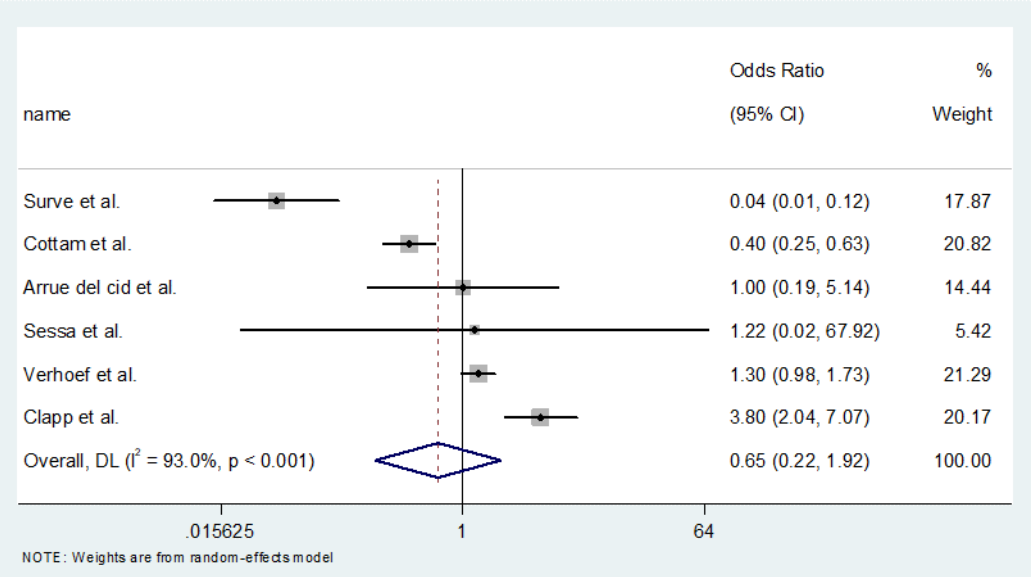

```
Egger's test for small-study effects:
Regress standard normal deviate of intervention
  effect estimate against its standard error

.
Number of studies =  5                                  Root MSE      =    4.577
```

| Std_Eff | Coef. | Std. Err. | t | P>\|t\| | [95% Conf. | Interval] |
|---|---|---|---|---|---|---|
| slope | .5484756 | 1.023577 | 0.54 | 0.629 | -2.709002 | 3.805954 |
| bias | -2.683182 | 4.100492 | -0.65 | 0.560 | -15.73278 | 10.36641 |

```
Test of H0: no small-study effects          P = 0.560
```

## 9.3. Forest plot showing results of severe complications metanalysis



## S.10 Operative duration

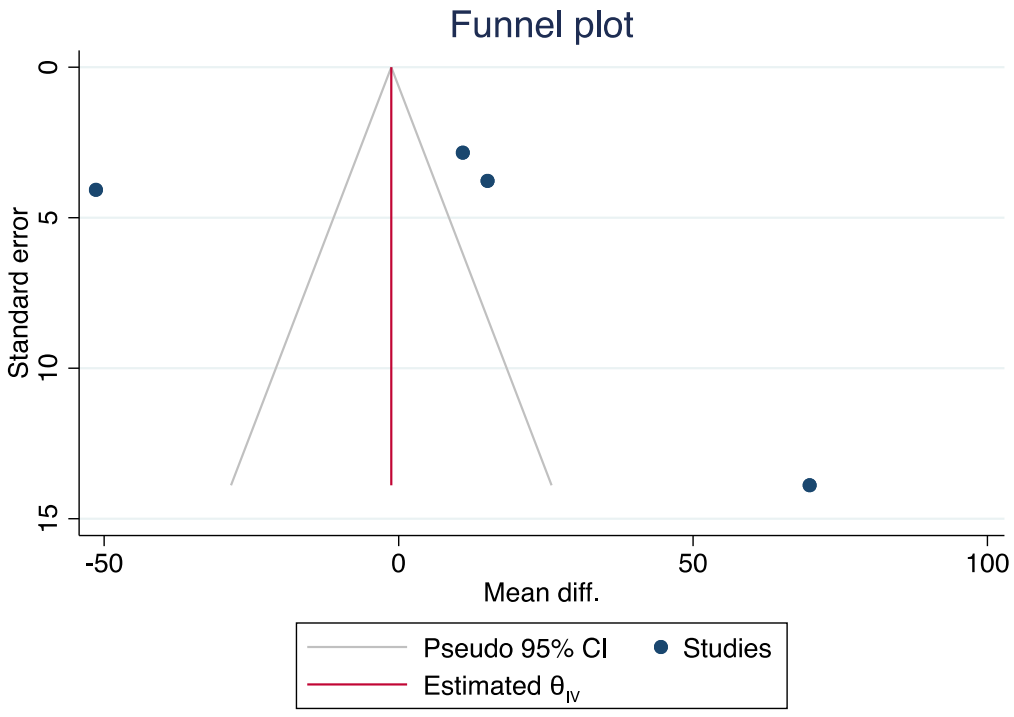
10.1. Meta-analysis summary

```
Meta-analysis summary                       Number of studies =      4
Random-effects model                        Heterogeneity:
Method: DerSimonian-Laird                               tau2 =  1.3e+03
                                                     I2 (%) =    98.60
                                                         H2 =    71.61
```

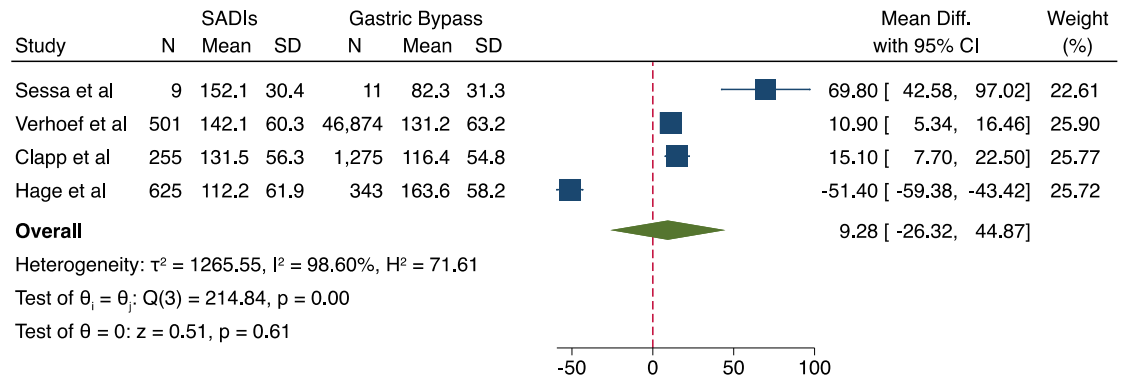
| Study | Mean Diff. | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Sessa et al | **69.800** | **42.576** | **97.024** | **22.61** |
| Verhoef et al | **10.900** | **5.339** | **16.461** | **25.90** |
| Clapp et al | **15.100** | **7.698** | **22.502** | **25.77** |
| Hage et al | **-51.400** | **-59.383** | **-43.417** | **25.72** |
| theta | **9.276** | **-26.318** | **44.870** | |

```
Test of theta = 0: z = 0.51                 Prob > |z| = 0.6095
Test of homogeneity: Q = chi2(3) = 214.84      Prob > Q = 0.0000
```

10.2 Funnel plot showing publication bias; mean difference operative duration (minutes) with it is standard error (Y-axis)



## 10.3. Forest plot showing results of mean difference operative duration (minutes) metanalysis




Random-effects DerSimonian-Laird model

## S.11 Hospital stay

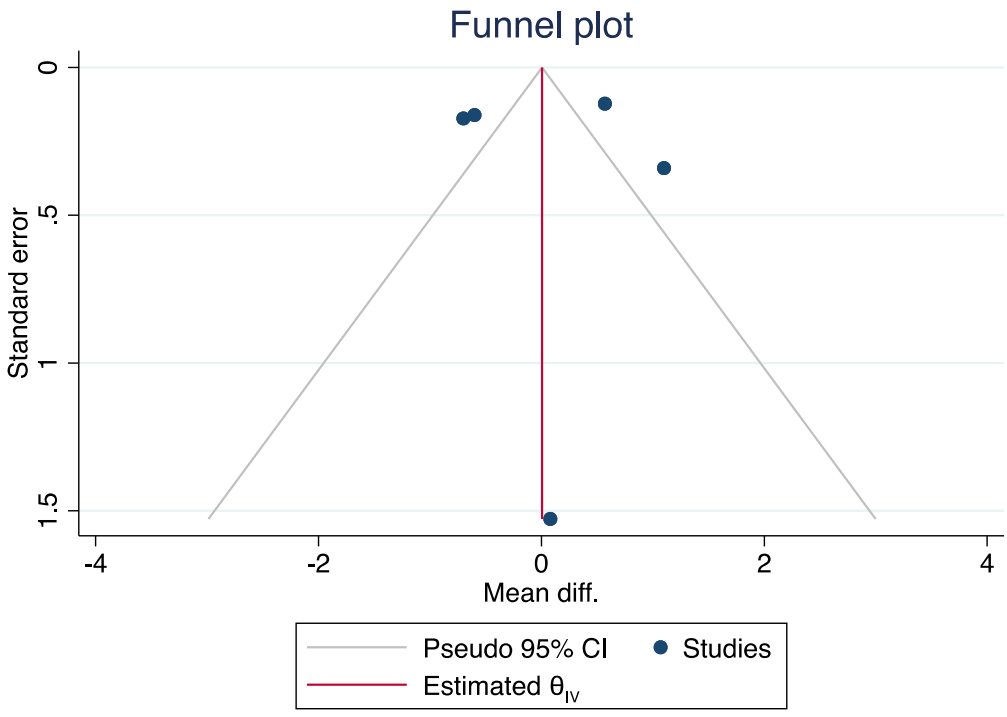
11.1. Meta-analysis summary

```
Meta-analysis summary                       Number of studies =      5
Random-effects model                        Heterogeneity:
Method: DerSimonian-Laird                              tau2 =  0.5866
                                                     I2 (%) =   93.61
                                                         H2 =   15.64
```

| Study | Mean Diff. | [95% Conf. | Interval] | % Weight |
|---|---|---|---|---|
| Sessa et al | 1.100 | 0.433 | 1.767 | 21.30 |
| Arrue del cid et al | 0.080 | -2.914 | 3.074 | 5.12 |
| Surve et al | -0.700 | -1.038 | -0.362 | 24.28 |
| Clapp et al | 0.570 | 0.330 | 0.810 | 24.87 |
| Hage et al | -0.600 | -0.915 | -0.285 | 24.43 |
| theta | 0.064 | -0.694 | 0.822 | |

```
Test of theta = 0: z = 0.16                  Prob > |z| = 0.8693
Test of homogeneity: Q = chi2(4) = 62.58       Prob > Q = 0.0000
```

11.2. Funnel plot showing publication bias; mean difference in hospital stay (days) with it is standard error (Y-axis)



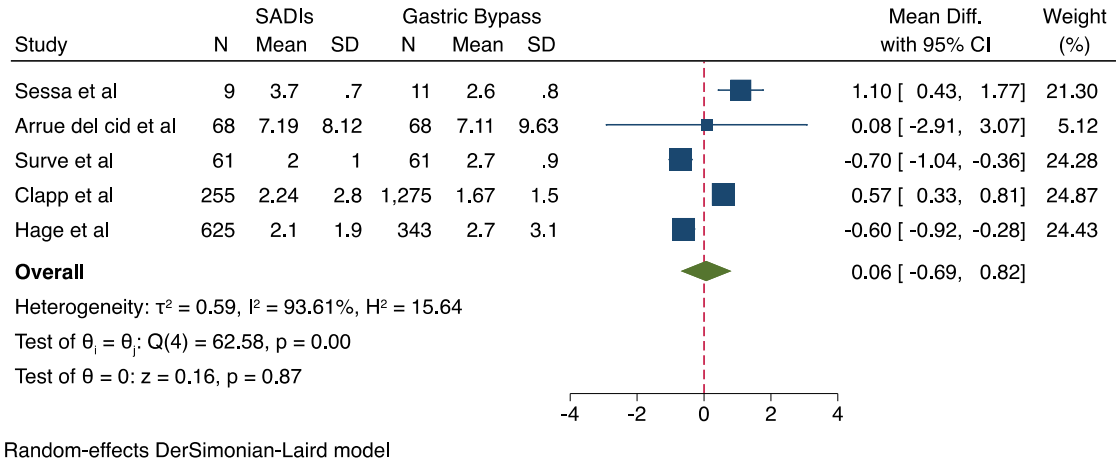
```
Egger's test for small-study effects:
Regress standard normal deviate of intervention
  effect estimate against its standard error

.
Number of studies =  5                                  Root MSE      =   3.747
```

| Std_Eff | Coef. | Std. Err. | t | P>\|t\| | [95% Conf. | Interval] |
|---|---|---|---|---|---|---|
| slope | -.5319491 | .8396643 | -0.63 | 0.571 | -3.204136 | 2.140237 |
| bias | 2.005846 | 3.817668 | 0.53 | 0.636 | -10.14368 | 14.15537 |

```
Test of H0: no small-study effects          P = 0.636
```

## 11.3. Forest plot showing results of hospital stay (days) metanalysis




Random-effects DerSimonian-Laird model

## S.12. Assessment of methodological quality

**Table 3.** Newcastle-Ottawa score for the included studies

| First author, year | Representativeness of cohort | Selection of non-exposed cohort | Ascertainment of exposure | Demonstration that outcome of interest was not present at start of study | Comparability of cohorts on the basis of the design or analysis | Assessment of outcome | Was follow-up long enough for outcomes to occur | Adequacy of follow up of cohorts | Total score |
|---|---|---|---|---|---|---|---|---|---|
| **Hage et al (2024)** | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | **8** |
| **Surve et al (2020)** | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | **8** |
| **Enochs et al (2019)** | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | **8** |
| **Cottam et al (2018)** | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | **8** |
| **Torres et al (2017)** | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | **8** |
| **Arrue del Cld et al (2019)** | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | **8** |
| **Verhoef et al (2022)*** | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | **8** |
| **Clapp et al (2022)*** | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | **8** |
| **Sessa et al (2019)*** | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | **8** |

***This studies were evaluated just for preoperative variables, short-term complications, operative duration and hospital stay.

## S.13. Studies excluded from the systematic review

**Table 4.** Studies excluded from the systematic review

| **Study** | **PMID/DOI** | **Cause of exclusion** |
|---|---|---|
| Prospective multicentre randomised trial comparing the efficacy and safety of single-anastomosis duodeno-ileal bypass with sleeve gastrectomy (SADI-S) versus Roux-en-Y gastric bypass (RYGB): SADISLEEVE study protocol | **35414539** | Only protocol |
| Comparison of Efficacy and Safety Between Roux-en-Y Gastric Bypass (RYGB) vs One Anastomosis Gastric Bypass (OAGB) vs Single Anastomosis Duodeno-ileal Bypass with Sleeve Gastrectomy (SADI-S): a Systematic Review of Bariatric and Metabolic Surgery | **34981238** | Review |
| [Comparative results of various methods of surgical treatment of severe forms of metabolic syndrome]. | **22950270** | SADI-S not included |
| Evaluation of the Efficacy of Single Anastomosis Sleeve Ileal (SASI) Bypass for Patients with Morbid Obesity: a Multicenter Study | **31734889** | No comparison with RYGB |
| Comparison of short- and long-term outcomes of bariatric surgery methods: A retrospective study. | **36197162** | SADI-S not included |
| Bariatric surgery: effects on the metabolic complications of obesity. | **22287091** | SADI-S not included |
| Single anastomosis duodenal switch (SADI-S) versus Roux-en-y gastric bypass-defining a new gold standard in metabolic surgery | - | Only protocol |
| Outcomes of SADI and OAGB Compared to RYGB from the Metabolic and Bariatric Surgery Quality Improvement Program: The North American Experience | **10.1007/s11695-023-07019-x** | No data for metaanalisis |
| A Comparison of the Bariatric Procedures that Are Performed in the Treatment of Super Morbid Obesity. | **28451928** | SADI-S not included |
| Trends in Utilization and Relative Complication Rates of Bariatric Procedures. | **31012048** | SADI-S not included |
| Bariatric surgery and prevention of cardiovascular events and mortality in morbid obesity: mechanisms of action and choice of surgery. | **25770762** | SADI-S not included |
| Morbid obesity treatment by SADI-S: a multi-center randomized controlled clinical trial | **32873678** | Only protocol |

| | | |
|---|---|---|
| Long-Term Outcomes of Bariatric and Metabolic Surgery in Japan: Results of a Multi-Institutional Survey. | **27631329** | SADI-S not included |
| **[**Analysis of the 1-year curative efficacy of sleeve gastrectomy, Roux-en-Y gastric bypass, single anastomosis duodenal-ileal bypass with sleeve gastrectomy and biliopancreatic diversion with duodenal switch in patients with super obesity]. | **37709694** | Chinese language |
| Efficacy of Different Procedures of Metabolic Surgery for Type 2 Diabetes in Asia: a Multinational and Multicenter Exploratory Study. | **33523416** | SADI-S not included |
| Single-anastomosis Duodeno Ileal Bypass (SADI) Versus Roux-en-Y Gastric Bypass NCT03610256 | **-** | Only protocol |
| Comparative Effectiveness and Safety of Bariatric Procedures for Weight Loss: A PCORnet Cohort Study. | **30383139** | SADI-S not included |
| Atherogenic Dyslipidemia Remission 1 Year After Bariatric Surgery | **27988827** | SADI-S not included |
| Comparative Effectiveness of Different Bariatric Procedures in Super Morbid Obesity. | **30251091** | SADI-S not included |