**Title:** Effect of green tea consumption on blood pressure: A meta-analysis of 13 randomized controlled trials

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## Supplementary Figure Legends

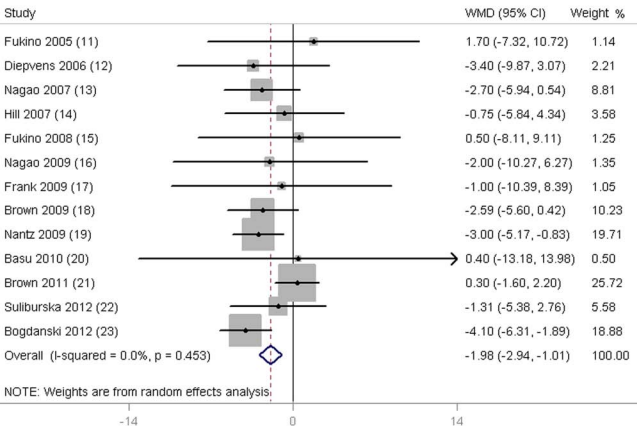**Supplementary Figure S1. Meta-analysis of effects of green tea on systolic blood pressure (SBP).** Weight was assigned with STATA (Version 11; StataCorp, College Station, TX) by using number of subjects and SD. Sizes of data markers indicate the

weight of each study in this analysis. The diamond represents the overall estimated effect and the result was obtained from a random-effects model. WMD, weighted mean difference.

**Supplementary Figure S2. Meta-analysis of effects of green tea on diastolic blood pressure (DBP).** Weight was assigned with STATA (Version 11; StataCorp, College Station, TX) by using n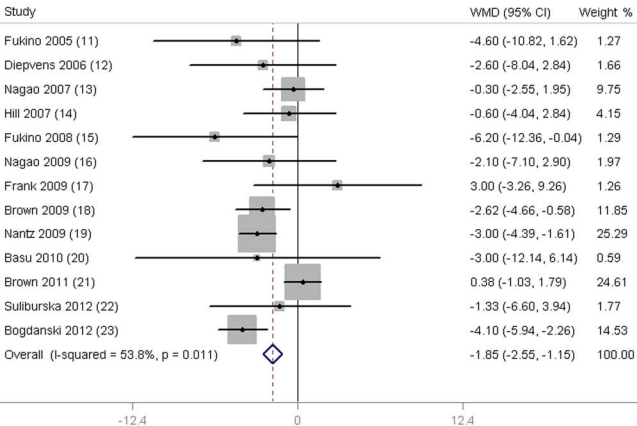umber of subjects and SD. Sizes of data markers indicate the weight of each study in this analysis. The diamond represents the overall estimated effect and the result was obtained from a fixed-effects model. WMD, weighted mean difference.

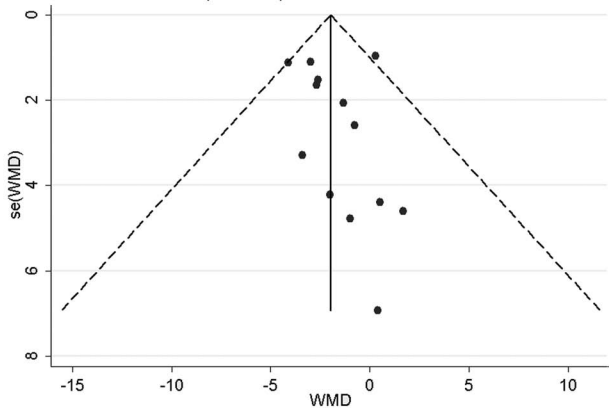**Supplementary Figure S3. Funnel plot to detect the publication bias of the studies investigating the effect of green tea consumption on systolic blood pressure (SBP).** WMD, weighted mean difference.

**Supplementary Figure S4. Funnel plot to detect the publication bias of the studies investigating the effect of green tea consumption on diastolic blood pressure (DBP).** WMD, weighted mean difference.

| Study | WMD (95% CI) | Weight % |
|---|---|---|
| Fukino 2005 (11) | 1.70 (-7.32, 10.72) | 1.14 |
| Diepvens 2006 (12) | -3.40 (-9.87, 3.07) | 2.21 |
| Nagao 2007 (13) | -2.70 (-5.94, 0.54) | 8.81 |
| Hill 2007 (14) | -0.75 (-5.84, 4.34) | 3.58 |
| Fukino 2008 (15) | 0.50 (-8.11, 9.11) | 1.25 |
| Nagao 2009 (16) | -2.00 (-10.27, 6.27) | 1.35 |
| Frank 2009 (17) | -1.00 (-10.39, 8.39) | 1.05 |
| Brown 2009 (18) | -2.59 (-5.60, 0.42) | 10.23 |
| Nantz 2009 (19) | -3.00 (-5.17, -0.83) | 19.71 |
| Basu 2010 (20) | 0.40 (-13.18, 13.98) | 0.50 |
| Brown 2011 (21) | 0.30 (-1.60, 2.20) | 25.72 |
| Suliburska 2012 (22) | -1.31 (-5.38, 2.76) | 5.58 |
| Bogdanski 2012 (23) | -4.10 (-6.31, -1.89) | 18.88 |
| Overall (I-squared = 0.0%, p = 0.453) | -1.98 (-2.94, -1.01) | 100.00 |

NOTE: Weights are from random effects analysis

| Study | | WMD (95% CI) | Weight % |
|---|---|---|---|
| Fukino 2005 (11) | | -4.60 (-10.82, 1.62) | 1.27 |
| Diepvens 2006 (12) | | -2.60 (-8.04, 2.84) | 1.66 |
| Nagao 2007 (13) | | -0.30 (-2.55, 1.95) | 9.75 |
| Hill 2007 (14) | | -0.60 (-4.04, 2.84) | 4.15 |
| Fukino 2008 (15) | | -6.20 (-12.36, -0.04) | 1.29 |
| Nagao 2009 (16) | | -2.10 (-7.10, 2.90) | 1.97 |
| Frank 2009 (17) | | 3.00 (-3.26, 9.26) | 1.26 |
| Brown 2009 (18) | | -2.62 (-4.66, -0.58) | 11.85 |
| Nantz 2009 (19) | | -3.00 (-4.39, -1.61) | 25.29 |
| Basu 2010 (20) | | -3.00 (-12.14, 6.14) | 0.59 |
| Brown 2011 (21) | | 0.38 (-1.03, 1.79) | 24.61 |
| Suliburska 2012 (22) | | -1.33 (-6.60, 3.94) | 1.77 |
| Bogdanski 2012 (23) | | -4.10 (-5.94, -2.26) | 14.53 |
| Overall (I-squared = 53.8%, p = 0.011) | | -1.85 (-2.55, -1.15) | 100.00 |

-12.4    0    12.4

Funnel plot with pseudo 95% confidence limits

Funnel plot with pseudo 95% confidence limits