

**Table [1]: Definition of reported outcomes**

<b>Study outcome</b>	<b>Definitions</b>
Adverse events	Treatment side effect
Depression severity and treatment efficacy	Change in depression symptoms from baseline using depression standardized scale (PHQ-9 ,Beck Depression Inventory (BDI),BDI for primary care, Zung Self-Rating Depression Scale (SDS),Center for Epidemiologic Studies-Depression Scale (CES-D),Center for Epidemiologic Studies-Depression Scale (CES-D), Montgomery-Asberg Depression Rating Scale (MADRS), Minnesota Multiphasic Personality Inventory (MMPI), depression symptoms improvement.
Dropout rate	Percentage of patients who dropout from each treatment arm.
Clinical Response	$\geq 30\%$ depression improvement (from baseline to endpoint).
Remission	Scores lower than 8 in the HAMD or more than 70% depression improvement.
Relapse rate	Return of symptoms to the full syndrome criteria for an episode during remission.

**Table[2]: Characteristics of the systematic reviews**

<b>Author, year</b>	<b>Studies</b>	<b>Study Population/ country</b>	<b>Interventions</b>	<b>Comparison</b>	<b>Outcome</b>
Alyson 2012 <sup>20</sup>	23 RCTs	211 patients / NR	Group CBT	Control	-Depression severity measured by any standardized Scale
Almeida 2015 <sup>21</sup>	11 RCTs (6 studies included into our analysis)	Patients with depression symptoms / NR	Naturopathic	Control	-Depression severity measured by any standardized Scale
Amick 2015 <sup>22</sup>	11 RCTs (6 studies included into our analysis)	Canada, Germany, England, Iran, Romania and United States	AD	CBT	- Depression severity measured by any standardized scale -Response -Remission
Arnberg 2014 <sup>23</sup>	40 RCTs (only three studies were included to our analysis)	260 patients were included Switzerland, Australia, Sweden	CCBT	WL	-Depression severity measured by any standardized scale
Berlim 2014 <sup>24</sup>	29 RCTS (only 17 studies were included to our analysis)	Subjects aged 18–75 years with a diagnosis of primary MD/ NR	Biological intervention	Control	-Response -Remission rates -drop-out rates
Bower 2011 <sup>25</sup>	9 RCTS (only three studies were included to our analysis)	Participants (age 18+) with depression. All studies in the UK.	Psychotherapy	-AD -CBT -Control	-Depression severity measured by any standardized scale
Cramer 2013 <sup>26</sup>	9 RCTS	348 Adults with depressive	Physical activity	Usual care	-Depression

Author, year	Studies	Study Population/ country	Interventions	Comparison	Outcome
	(only 6 studies were included to our analysis)	disorders, with median age 33.7 years. 76.5% of included participants were female. India, Japan, USA, UK, Iran			severity measured by any standardized scale - Remission
Churchill 2001 <sup>27</sup>	92 RCTs	USA, UK, Canada, Australia	-Psychotherapy -CBT -IPT -Psychodynamic therapy	Control	-Depression severity measured by any standardized Scale. -Dropouts -Recovery
Cuijpers 2008 <sup>28</sup>	30 RCTS (11 included in our analysis)	United States, Canada, United Kingdom, and Mexico.	Psychotherapy	AD	- Depression severity measured by any standardized Scale -dropout rate
Cuijpers 2010 <sup>29</sup>	16 RCTS (only 6 studies were included to our analysis)	241 patients, In most studies the majority of patients was female and married, age ranged between 30 and 50/ NR	-CBT - Psychotherapy	-IPT -AD -Control	-Depression severity measured by any standardized Scale
Danielsson 2013 <sup>30</sup>	14 RCT's	1,139 participants with major depression were followed in the 14 studies (12 separate trials plus two long term follow-ups). Age ranged from 18-77 years old. Six trials were conducted in the USA, two in Great Britain, one in Portugal, one in Italy, one in New Zealand and one in Denmark.	Physical activity	-AD -control	-Depression severity measured by any standardized scale
De Maat 2006 <sup>31</sup>	10 RCTS	532 patients / NR	CBT	AD	-Dropout

Author, year	Studies	Study Population/ country	Interventions	Comparison	Outcome
	(only two studies were included to our analysis)				-Relapse -Remission
De Souza Moura 2015 <sup>32</sup>	13 RCTs	Studies population 28.6% were men, 85% had mild to moderate depression, and only 15% had moderate to severe depression./ NR	Physical activity	-AD -Control	-Depression severity measured by any standardized scale
Driessen 2010 <sup>33</sup>	23 RCTS (only four studies were included to our analysis)	345 patients /NR	Psychotherapy	CBT	-Depression severity measured by any standardized scale
Ekers 2008 <sup>34</sup>	20 RCTs	1088 subjects / 17 in USA, 2 in UK and Australia, 1 in Spain, Canada, Netherland, Sweden and Iran	CBT	Control	-Depression severity measured by any standardized
Hees 2013 <sup>35</sup>	8 RCTs	1233 patients, all patients were diagnosed with non-psychotic MDD as a primary diagnosis. One study was carried out in the Netherlands, one in New Zealand, one in Canada, one in the UK, one in Germany and three in the USA	IPT	-Psychotherapy -CBT -Combined treatment Pharmacotherapy	-Depression severity measured by any standardized scale
Hunot 2013 <sup>36</sup>	2 RCTs	56 female participants (mean age of 43.17) with depression. All participants were from USA.	Acceptance and Commitment Therapy (ACT)	CBT	-Depression severity measured by any standardized scale
Jakobsen 2011 <sup>37</sup>	12 RCTs (19 publication)	669 participants/ NR	CT	Control	-Depression severity measured by any standardized

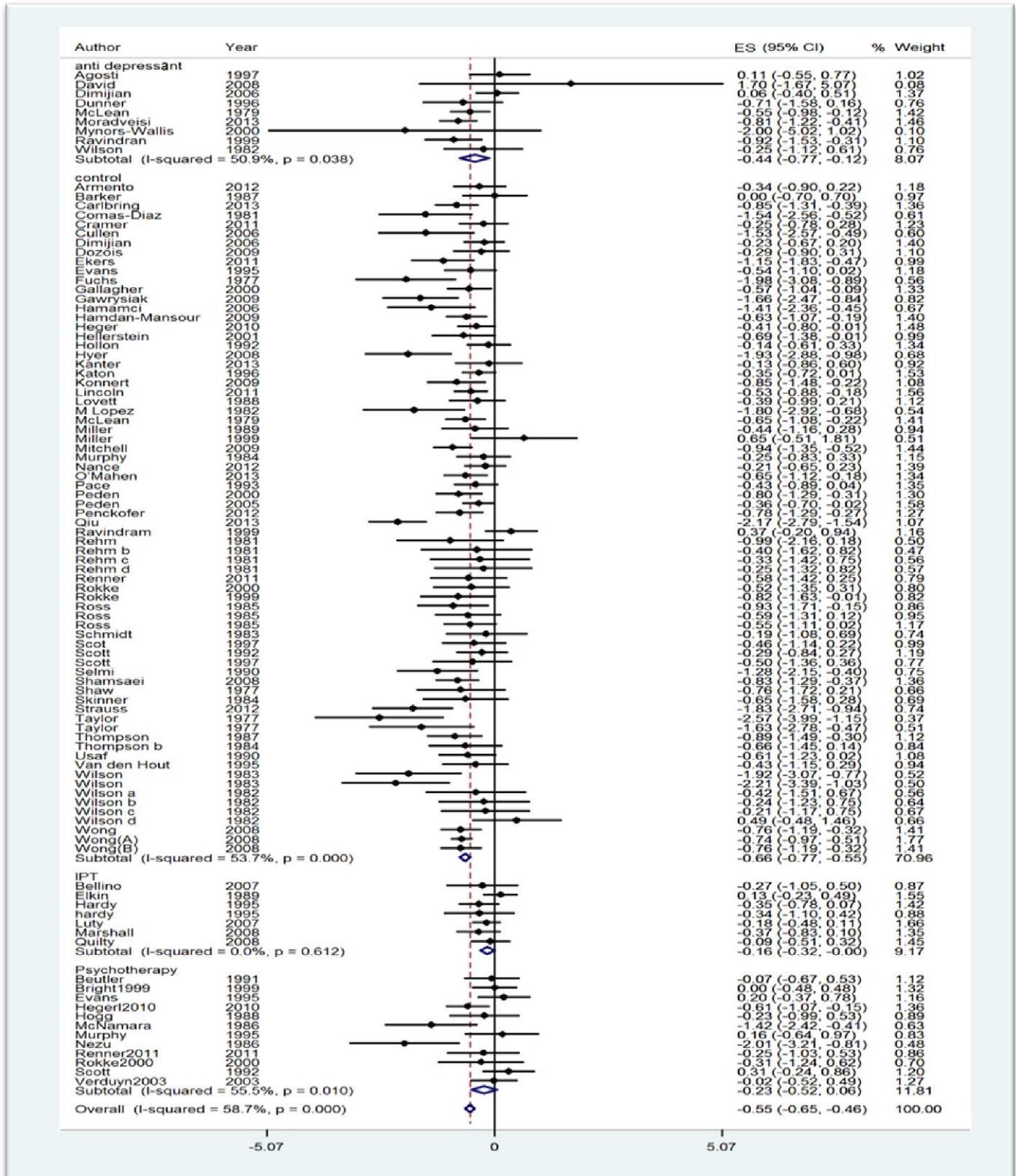
Author, year	Studies	Study Population/ country	Interventions	Comparison	Outcome
					scale -Remission
Jakobsen 2012 <sup>38</sup>	19 RCTS (only seven studies were included to our analysis)	741 participants/ NR	CT	IPT	-Depression severity measured by any standardized scale -Remission
Lai 2012 <sup>39</sup>	4RCTS ( 2 studies were included to our analysis)	80 patients/ Poland.	Naturopathic intervention	Control	-Depression severity measured by any standardized scale
Linde 2005 <sup>40</sup>	37 RCTs	2 Austria, 1 Switzerland, 2 UK, 4 USA, 1 France, 2 Sweden, 1 Canada, 1 Denmark, 26 Germany	Naturopathic intervention	-AD -Control	-Depression severity measured by any standardized scale
Linde 2009 <sup>41</sup>	29 RCTs	Eighteen trials were from German-speaking countries, four from the US, two from the UK, and one each from Brazil, Canada, Denmark, France and Sweden.	Naturopathic intervention	-AD -Control	-Depression severity measured by any standardized scale -Response rate
Liu 2015 <sup>42</sup>	30 RCTs (6 studies included into our analysis)	Patients with mild to severe depression / NR	Physical activity	Control	-Reduction in depressive symptoms post-treatment
Mead 2009 <sup>43</sup>	29 RCTS (only 23 studies were included to our analysis)	907 adult patients aged 18 and over with depression./ NR	Physical activity	Control	-Reduction in depressive symptoms post-treatment
Mukai 2013 <sup>44</sup>	7 RCTS	78 patients, 41 Inositol with	Inositol	Placebo	Efficacy

Author, year	Studies	Study Population/ country	Interventions	Comparison	Outcome
	(only two studies were included to our analysis)	mean age of 47.92, and 37 Placebo with mean age of 50.58 years. Both studies were done in Israel			response rate
Okumura 2014 <sup>45</sup>	34 RCTS (only 25 studies were included to our analysis)	NR	CBT	Control	Depression severity measured by any standardized scale
Richards 2012 <sup>46</sup>	23 RCTS (only 11 studies were included to our analysis)	2327 patients were included. 6 Netherlands, 3 Australia, 1 Sweden and 1 UK	Computerized Cognitive Behavior Therapy (CCBT)	CBT Control	-Depression severity measured by any standardized scale
Ren 2015 <sup>47</sup>	26 RCTs (12 studies included into our analysis)	Studies conducted in Iran and China	Naturopathic intervention	AD	- Depression severity measured by any standardized Scale -Side effect
Shaffer 2014 <sup>48</sup>	7 RCTS (only 2 studies were included to our analysis)	149 patients/ age range (18-65) / Iran.	Naturopathic interventions	Control	-Depression severity measured by any standardized scale
Shiozawa 2014 <sup>49</sup>	7 RCTs	(259 patients) were included, the mean age was of 43.62yr and 58.2% of participants were women. Patients presented a moderate degree of treatment-resistant / NR	Biological interventions	Sham	-Depression severity measured by any standardized scale -Response -Remission
Stub 2011 <sup>50</sup>	26 RCTs	Western countries, china	Biological intervention	-AD -Control	-Depression severity measured by any

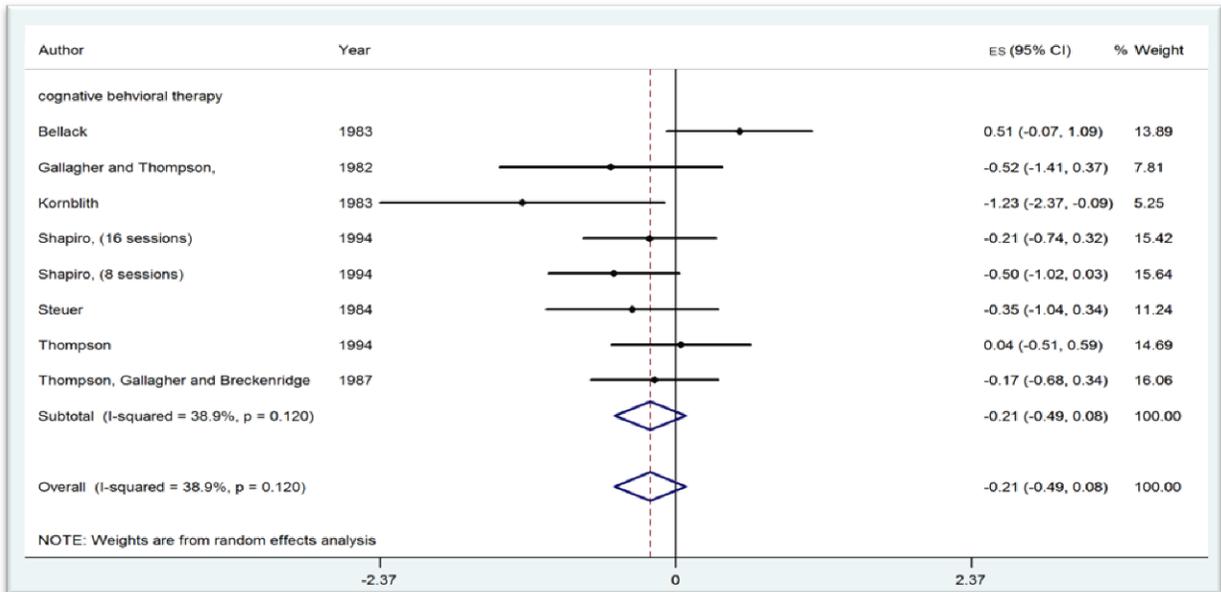
Author, year	Studies	Study Population/ country	Interventions	Comparison	Outcome
					standardized scale
The UK ECT Review Group 2003 <sup>51</sup>	73 RCT	NR	Biological intervention	-AD -Control	-Depression severity measured by any standardized Scale.
Yeung 2014 <sup>52</sup>	21 RCTS (only 17 studies were included to our analysis)	2575 patients with depression China, Iran	Naturopathic intervention	-AD -Control	-Depression severity measured by any standardized Scale.
Yin 2014 <sup>53</sup>	35 RCTS (only 31 studies were included to our analysis)	19 RCTs used Tai Chi on depressed patients, and 12 used quigong/ NR	Physical activity	Control	-Depression severity measured by any standardized Scale.
Zhang 2010 <sup>54</sup>	146 RCTS (only 20 studies were included to our analysis)	1998 patients with major depression / NR	Naturopathic intervention	-AD -Control	-Depression severity measured by any standardized Scale -Response rate severity of depression

\*NR: Not reported

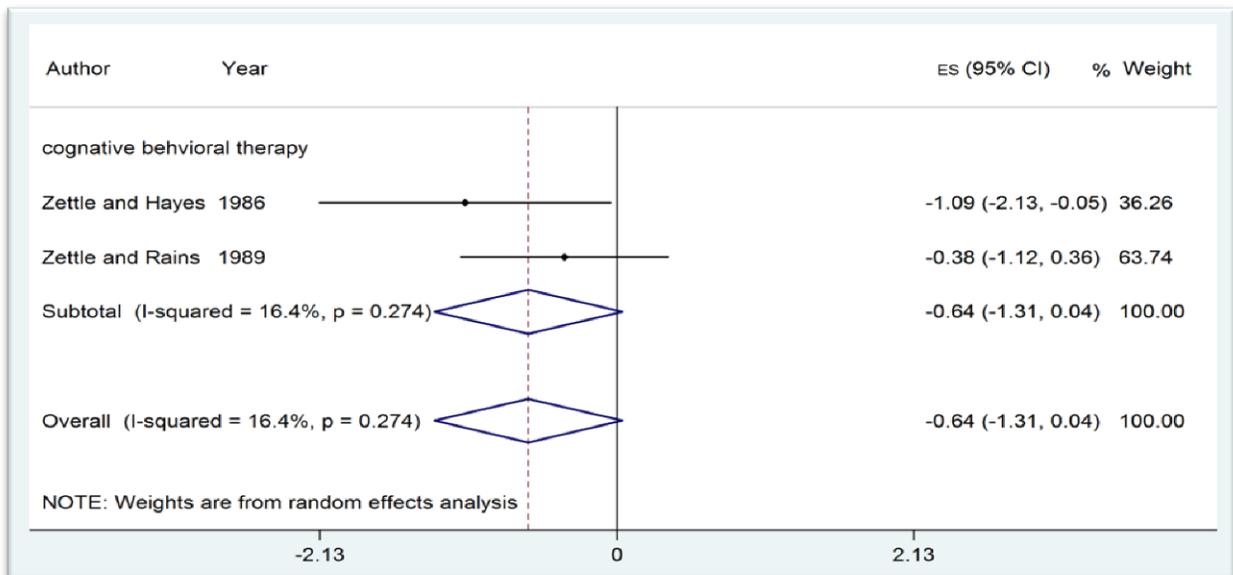
**Figure [1-(A)]: Forest plot of Severity of depression (measured using standardized measurement instrument): Cognitive behavioral therapy (CBT) vs. (Anti-depressant medication, control, interpersonal psychotherapy and psychotherapy):**



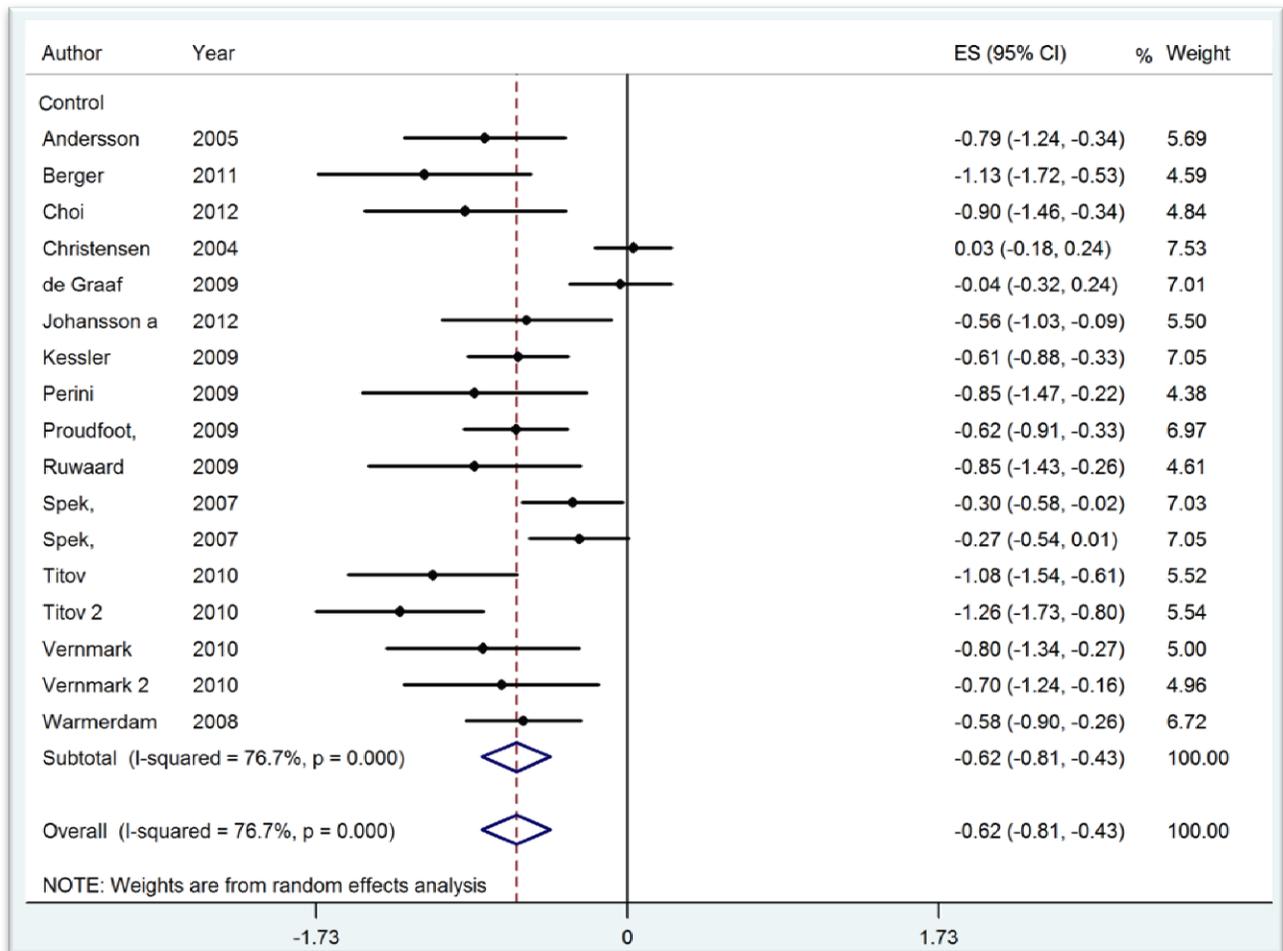
**Figure [1-(B)]: Forest plot of Severity of depression (measured using standardized measurement instrument): psychodynamic therapy vs. cognitive behavioral therapy:**



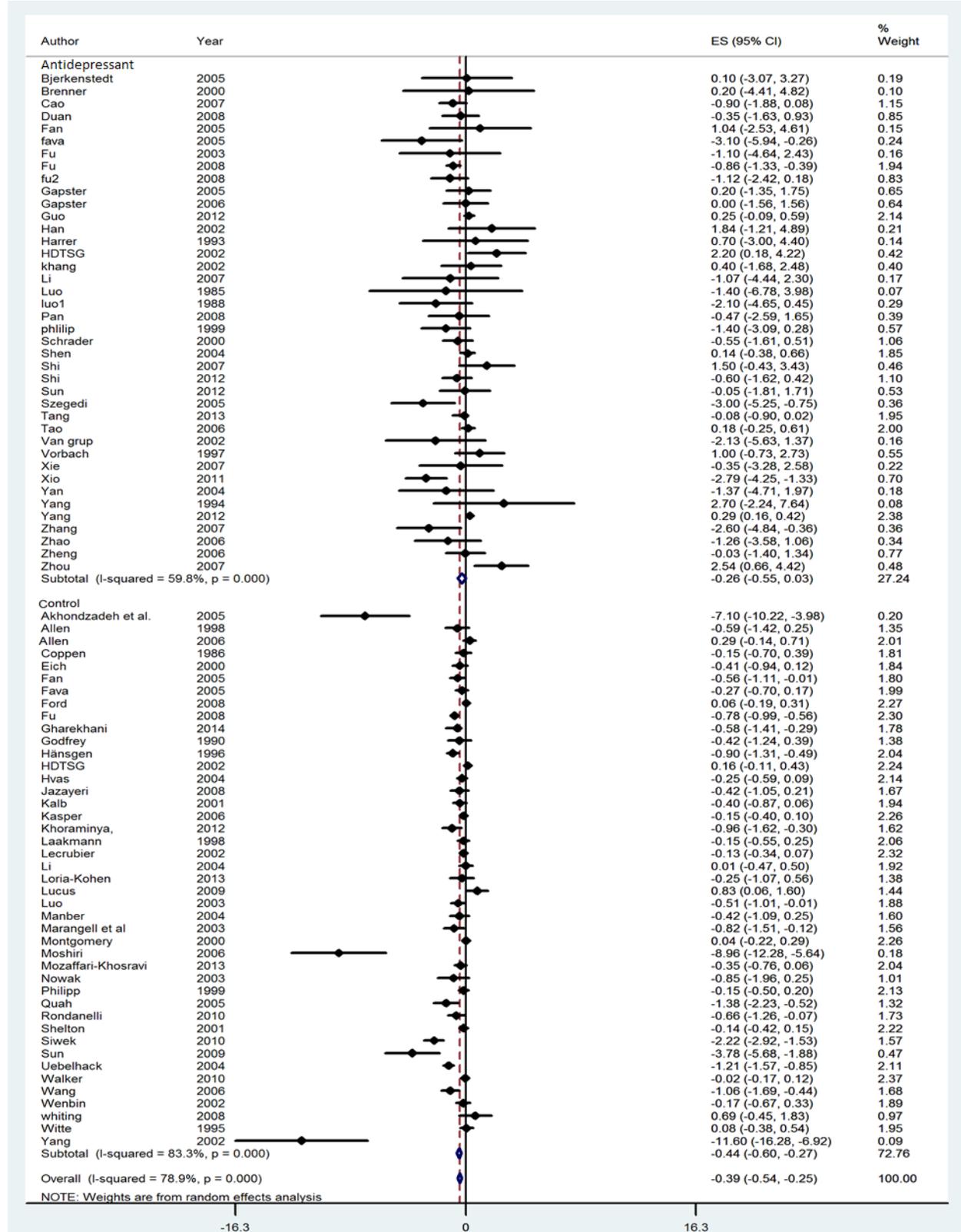
**Figure [1-(C)]: Forest plot of Severity of depression (measured using standardized measurement instrument): Acceptance therapy vs. cognitive behavioral therapy:**



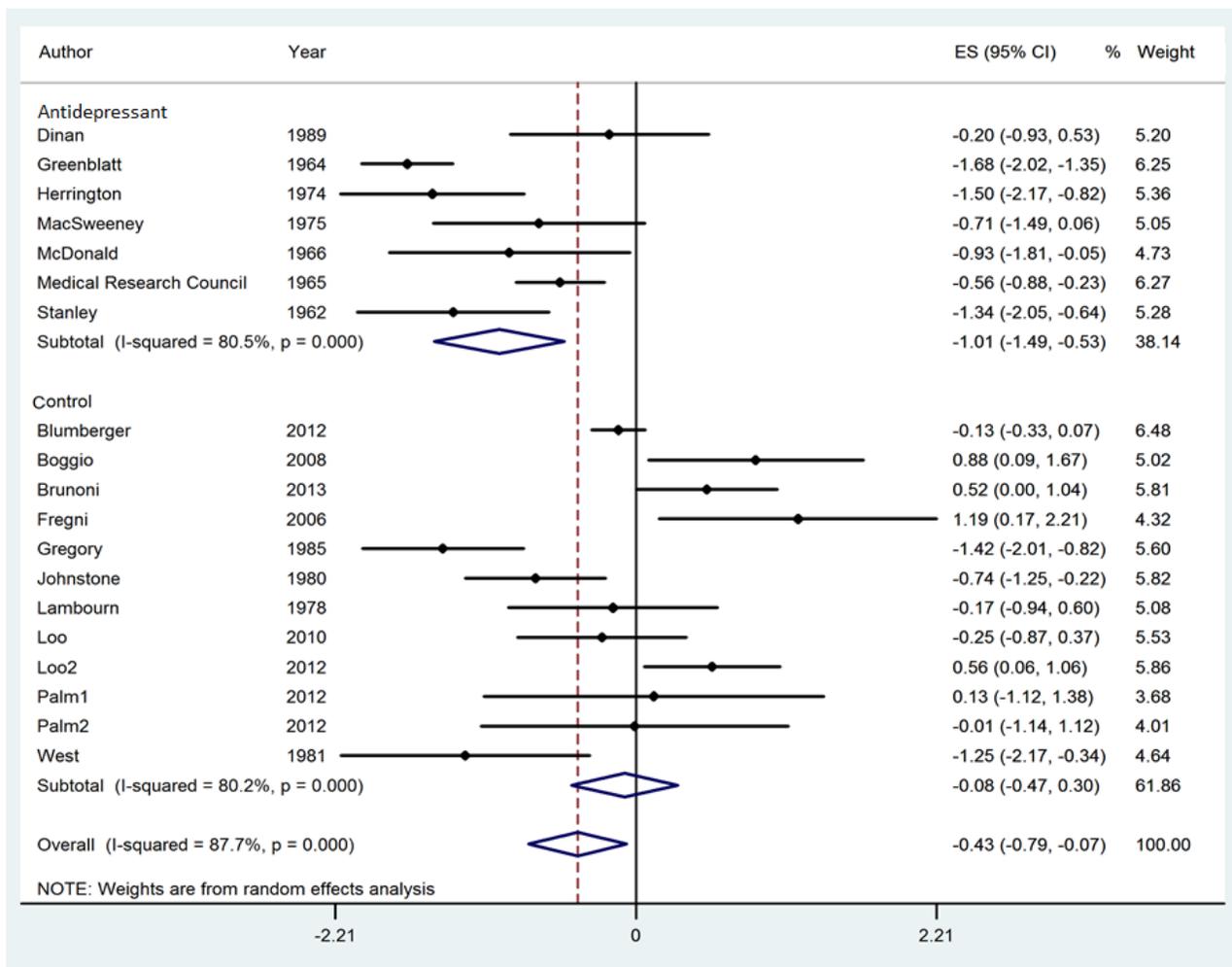
**Figure [2]: Forest plot of Severity of depression (measured using standardized measurement instrument): computerized cognitive behavioral therapy (CCBT) vs. control treatment:**



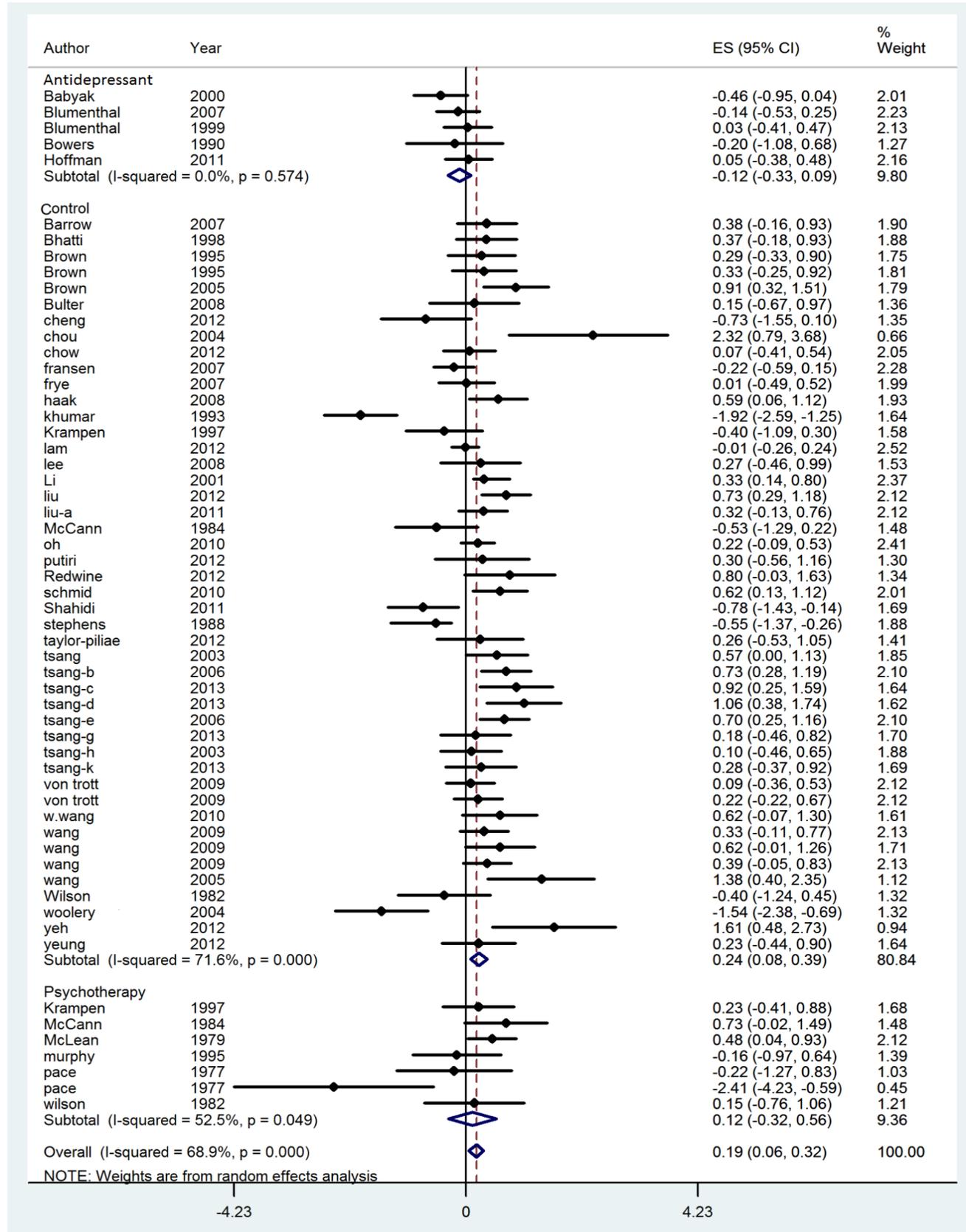
**Figure [3]: Forest plot of Severity of depression (measured using standardized measurement instrument): Naturopathic therapy vs. (Anti-depressant or control):**



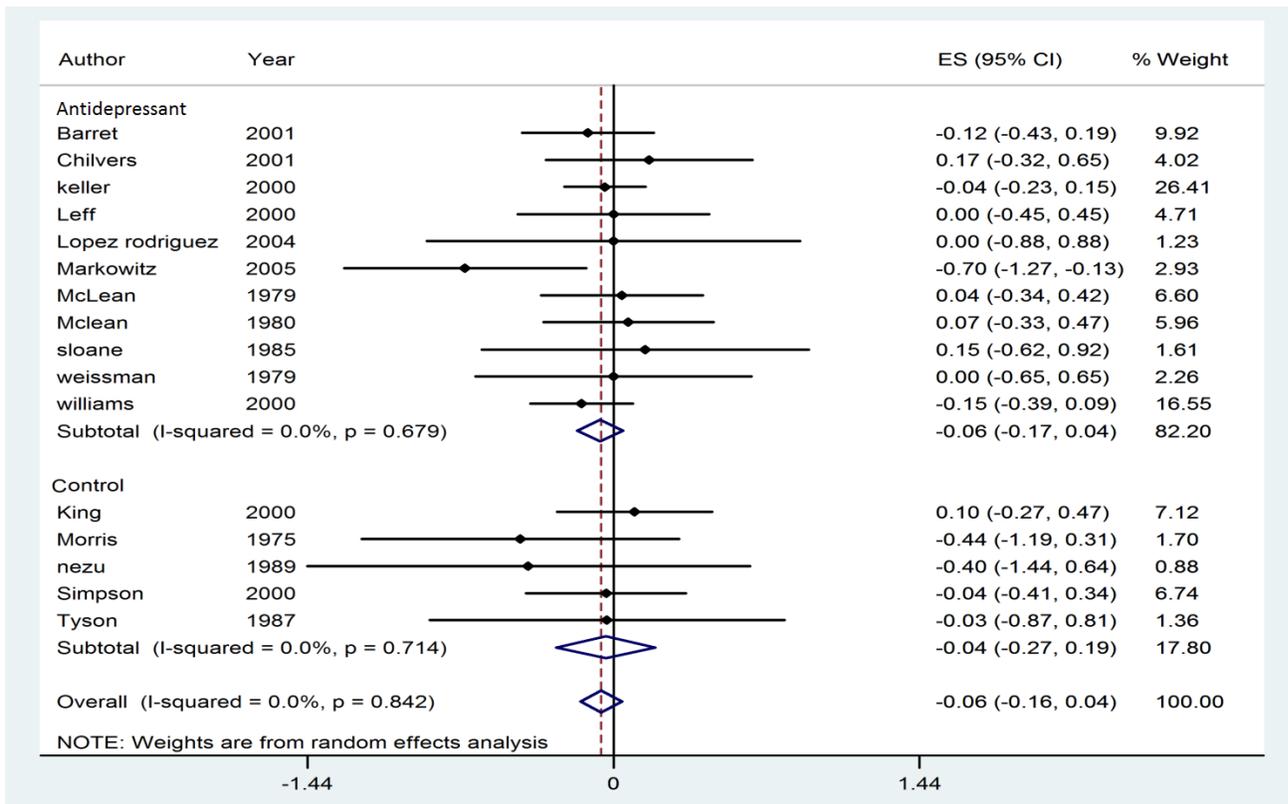
**Figure [4]: Forest plot of Severity of depression (measured using standardized measurement instrument): Biological intervention vs. (Anti-depressant or control):**



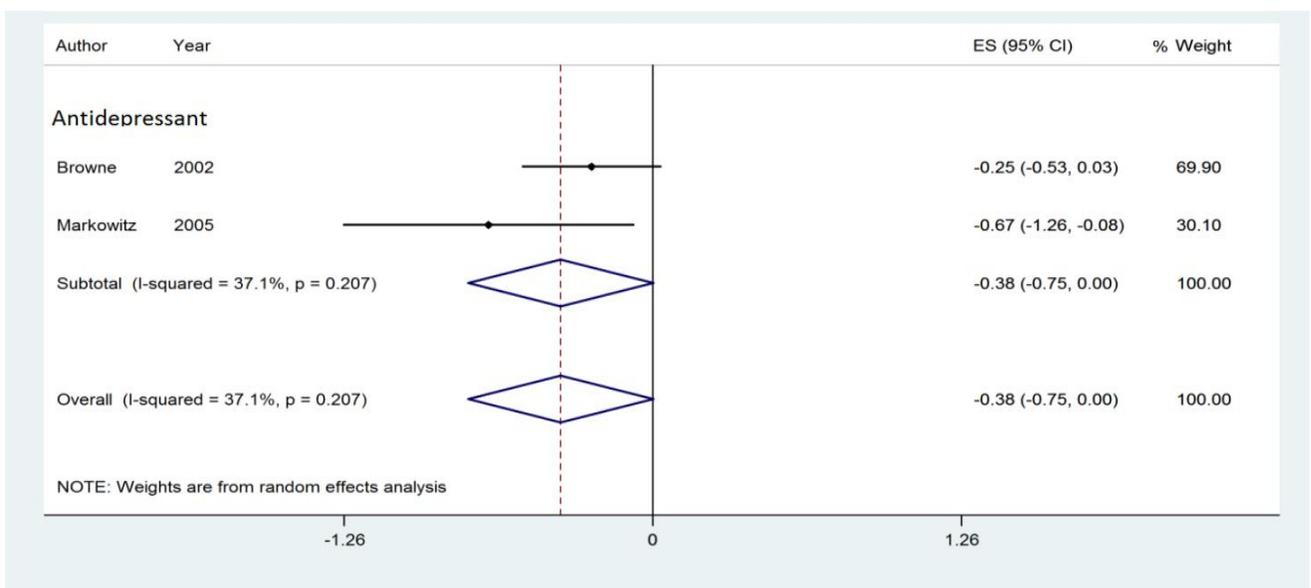
**Figure [5]: Forest plot of Severity of depression (measured using standardized measurement instrument): Physicl activity vs. (Anti-depressant, control and psychotherapy):**



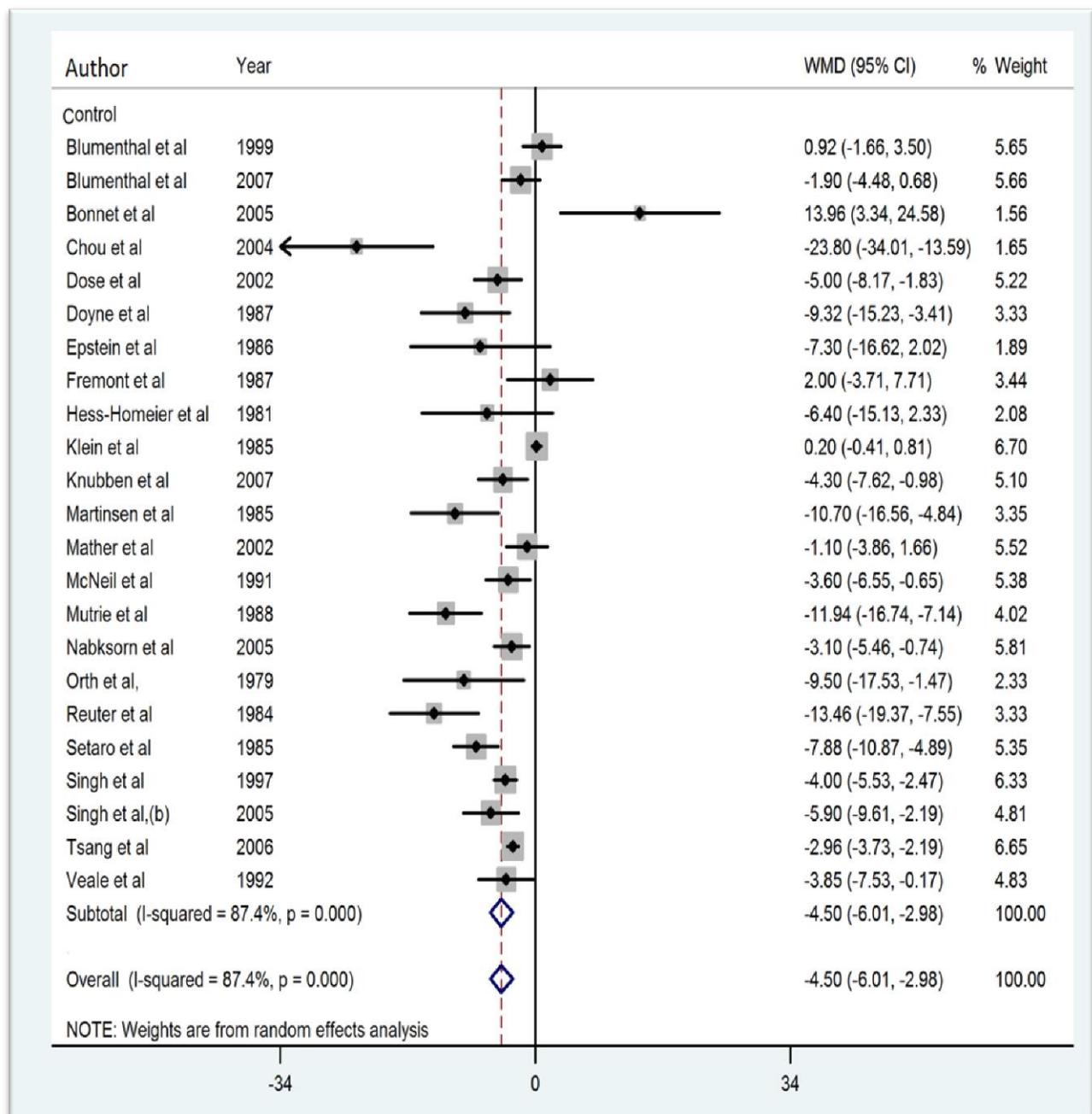
**Figure [6]: Forest plot of Severity of depression (measured using standardized measurement instrument): Psychotherapy vs. (Anti-depressant or control):**



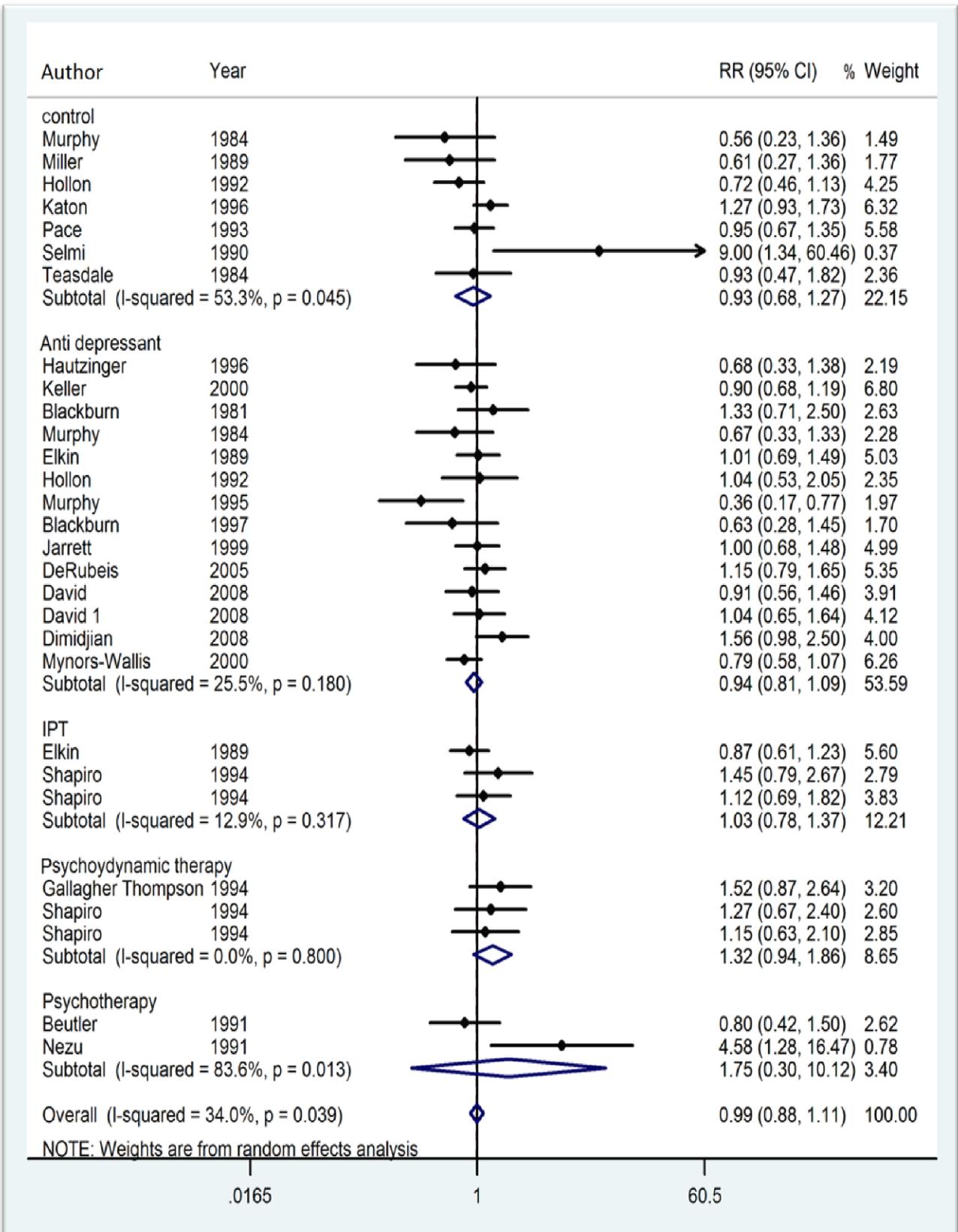
**Figure [7]: Forest plot of Severity of depression (measured using standardized measurement instrument): interpersonal therapy vs. Anti-depressant :**



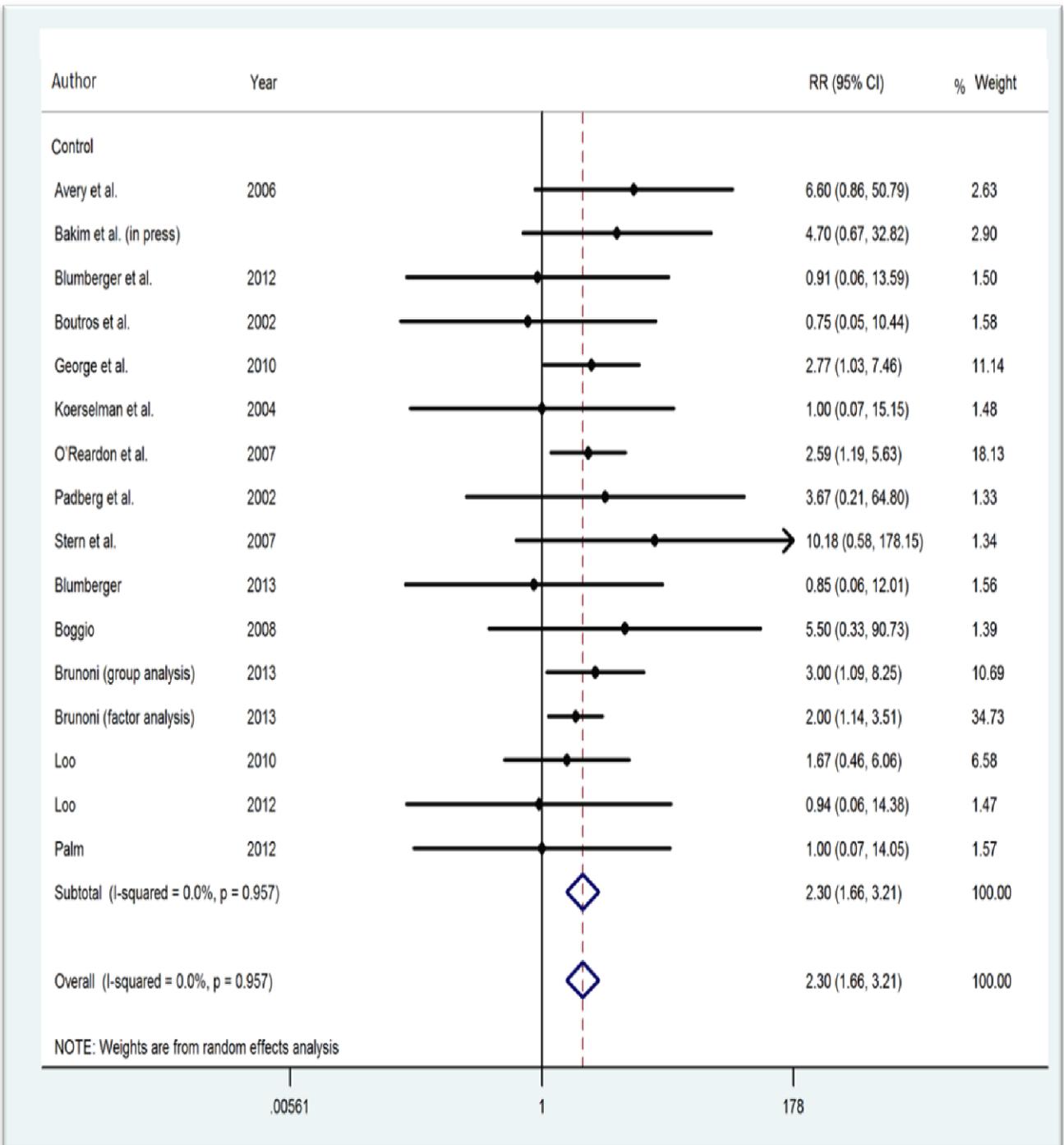
**Figure [8]: Forest plot of reduction of depression symptoms: comparing physical activity vs. control:**



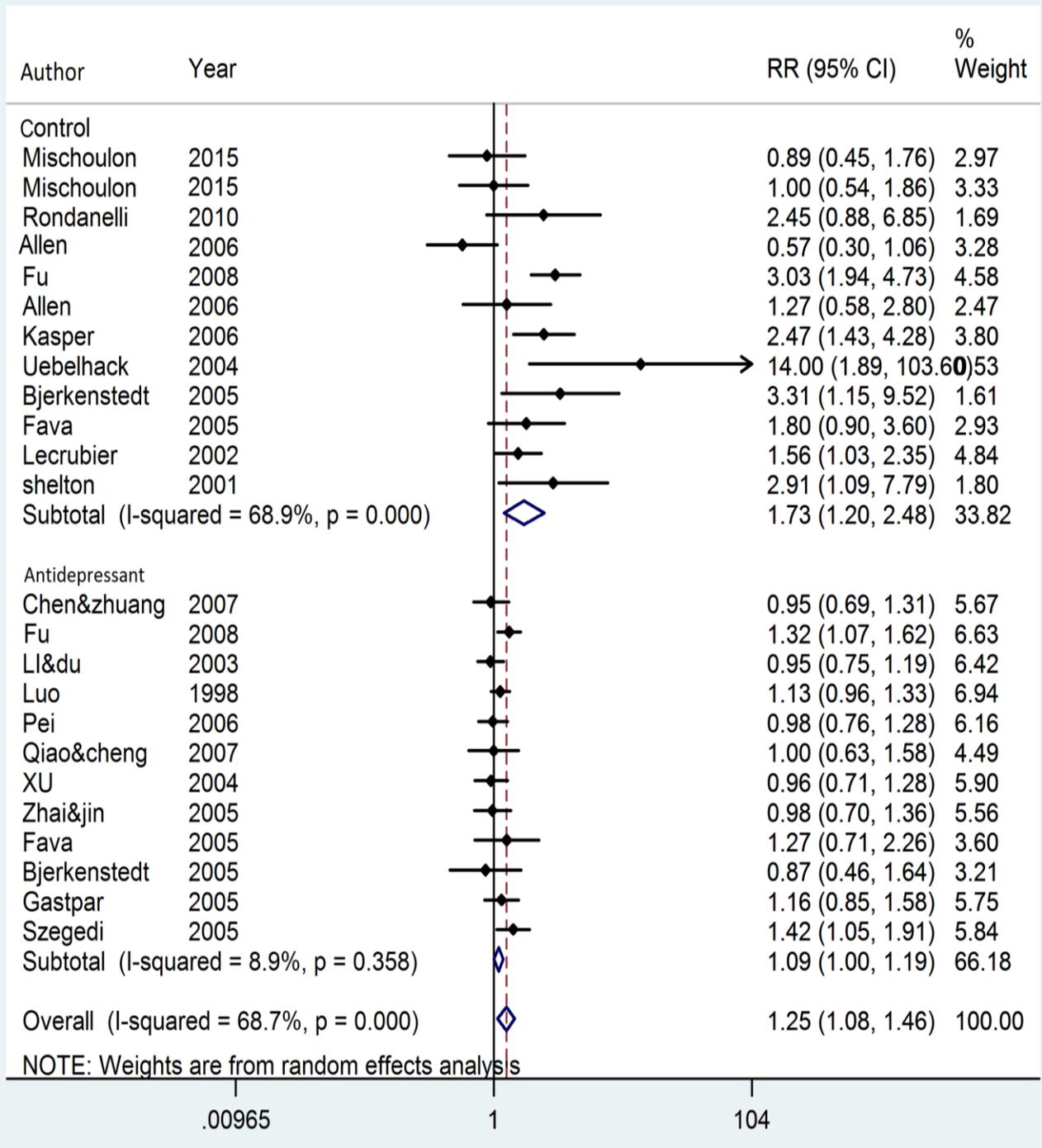
**Figure [9]: Forest plot of remission rate comparing cognitive behavioral therapy vs. (control ,AD, IPT, psychodynamic therapy and psychotherapy):**



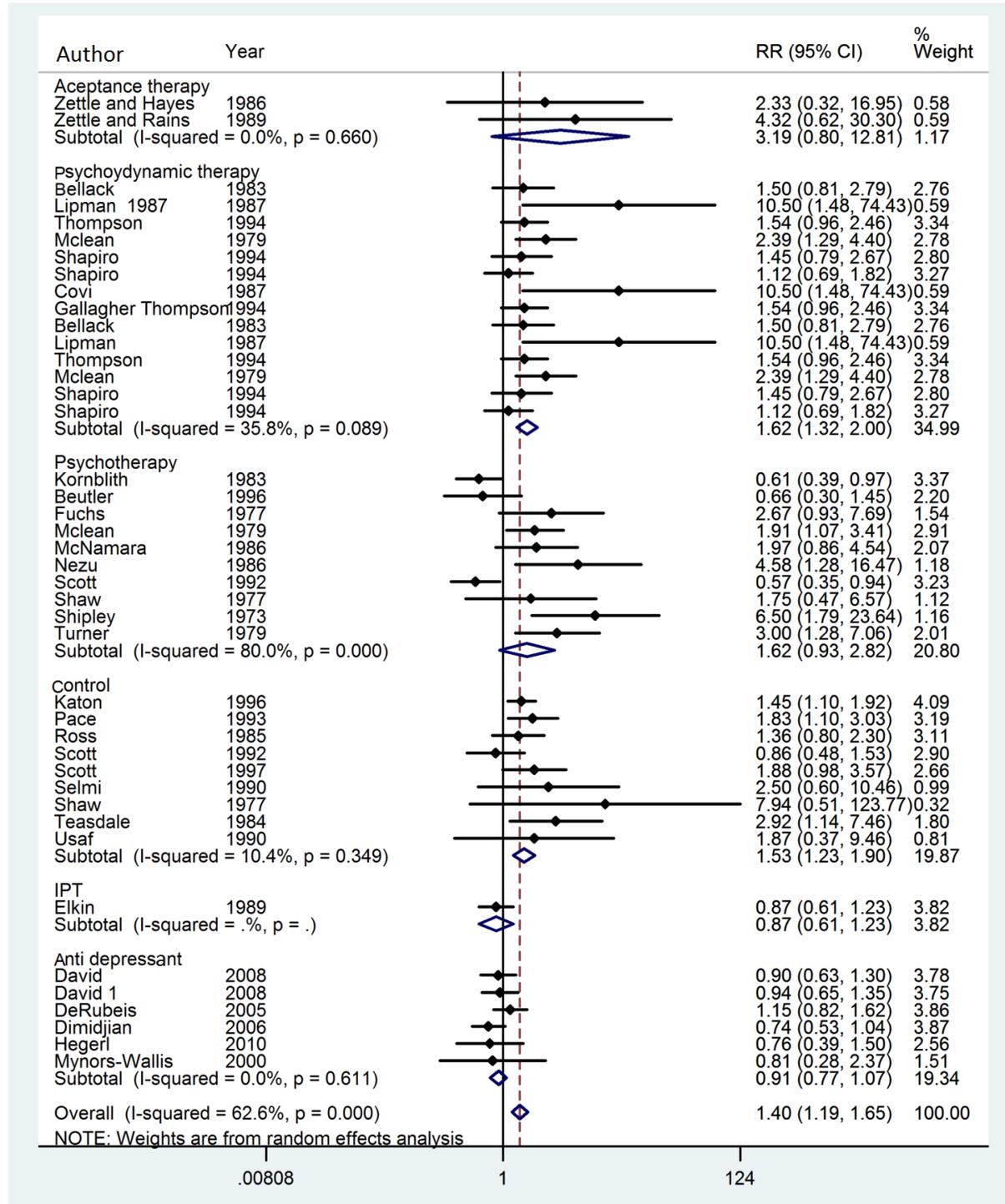
**Figure [10]: Forest plot of remission rate comparing biological intervention vs. control:**



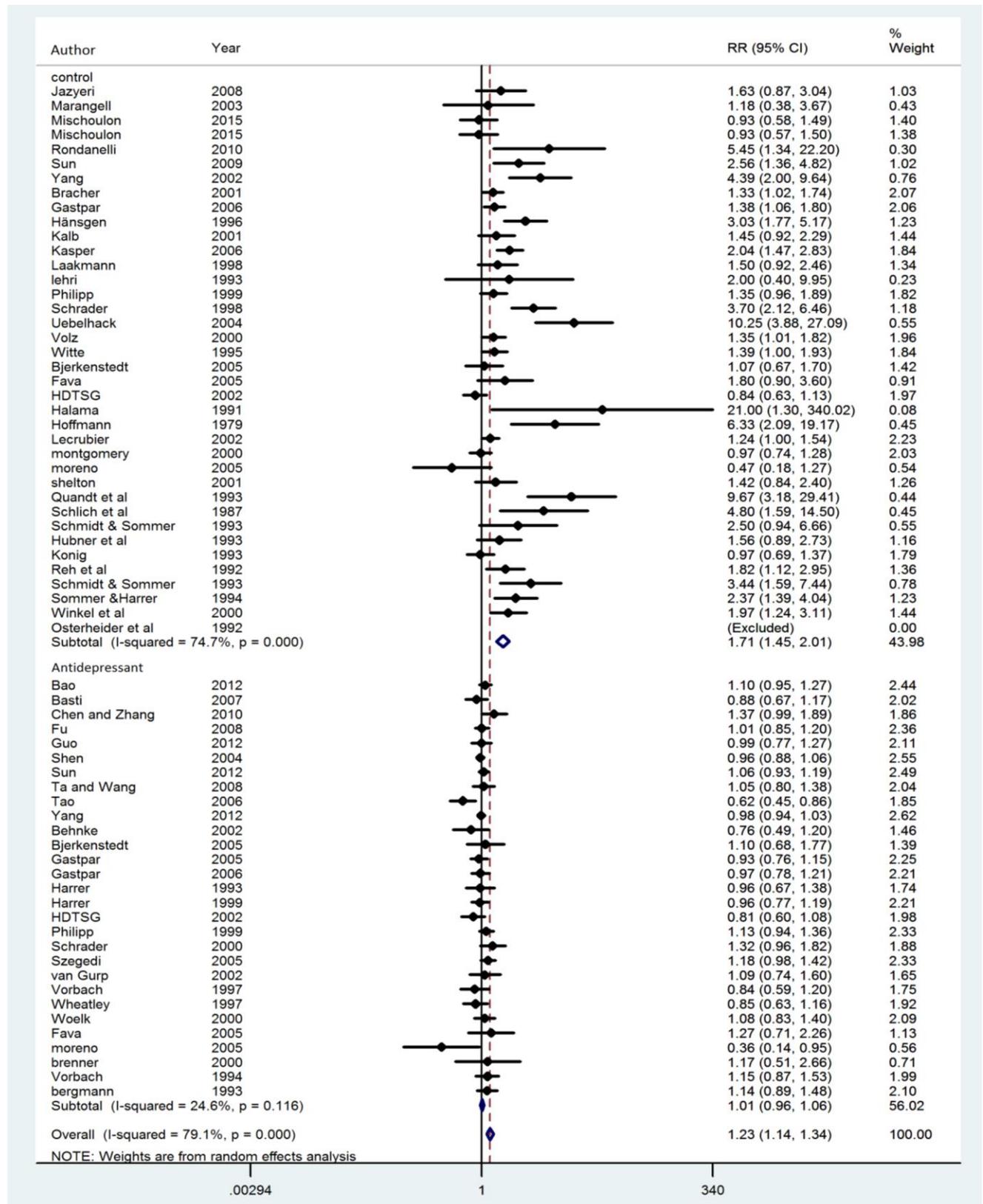
**Figure [11]: Forest plot of remission rate comparing naturopathic intervention vs. (AD and control):**



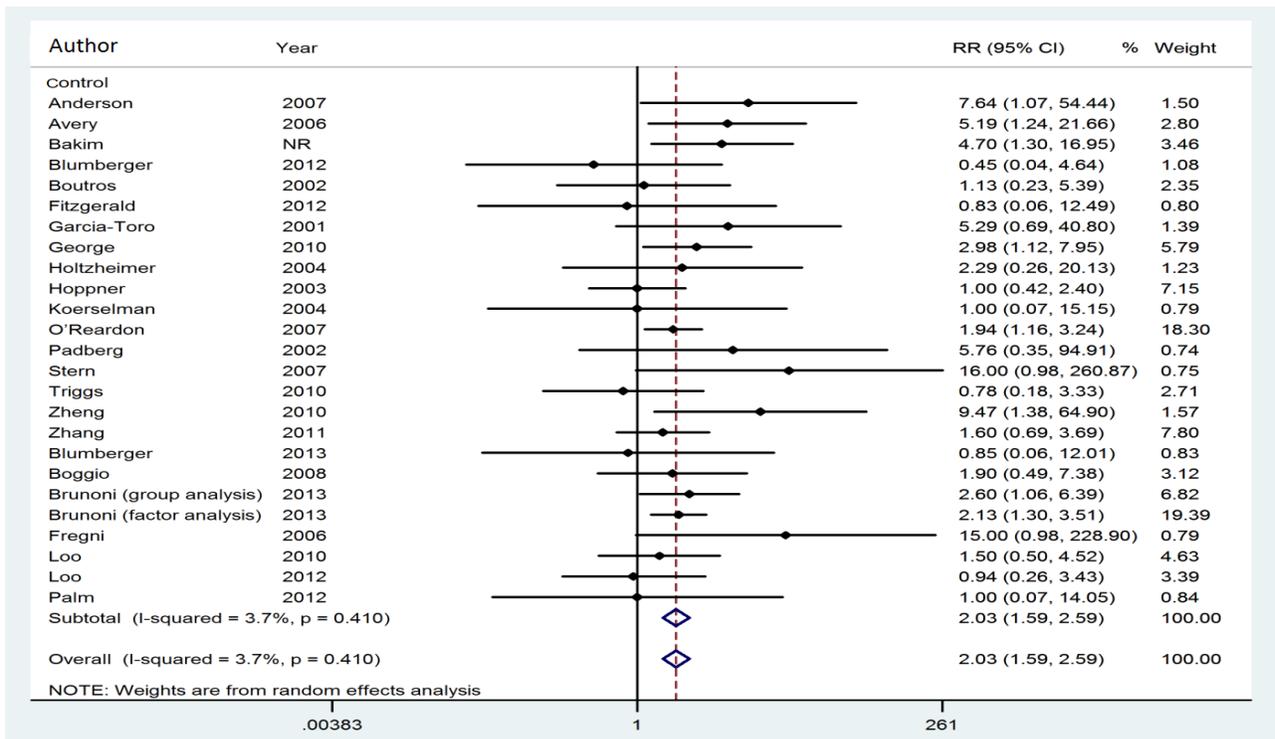
**Figure [12]: Forest plot of clinical response comparing cognitive behavioral therapy vs. (acceptance therapy, psychodynamic therapy, psychotherapy, control, IPT and AD):**



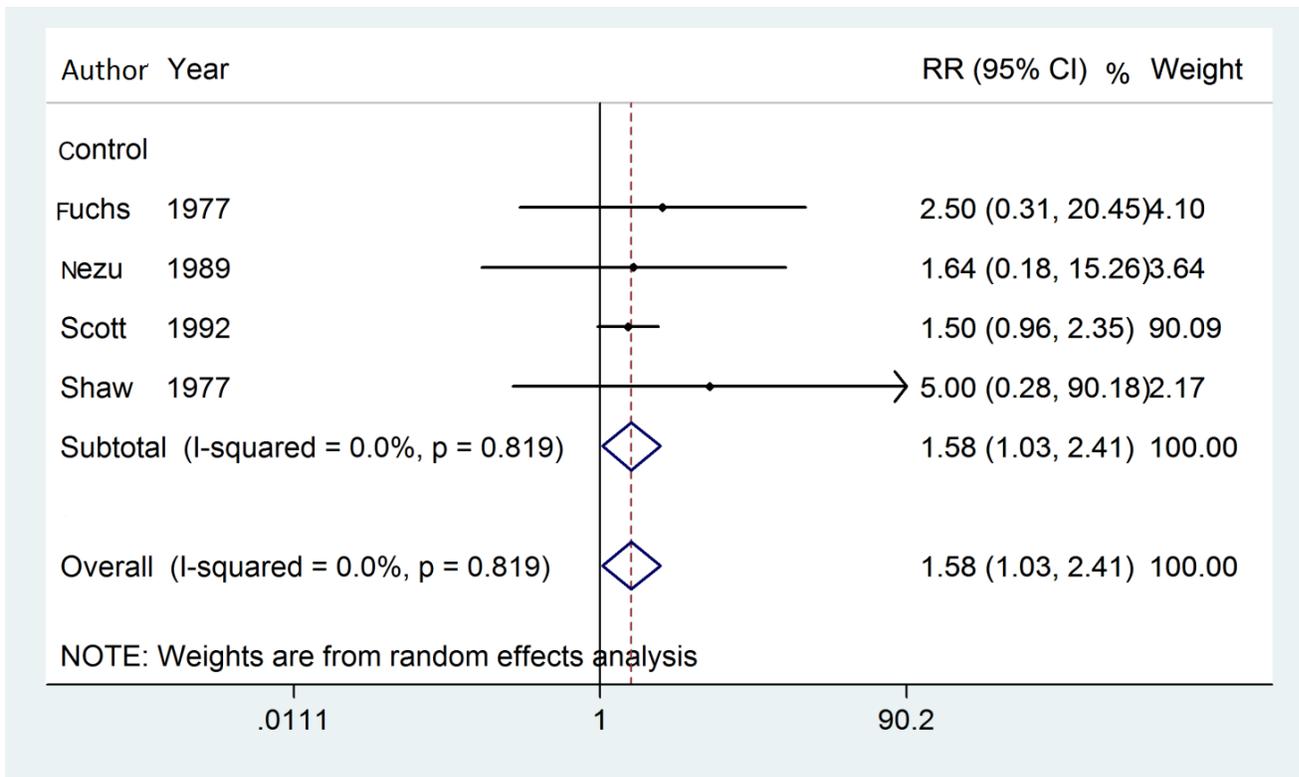
**Figure [13]: Forest plot of clinical response comparing naturopathic intervention vs. (control and AD):**



**Figure[14]: Forest plot of clinical response comparing biological intervention vs. control:**

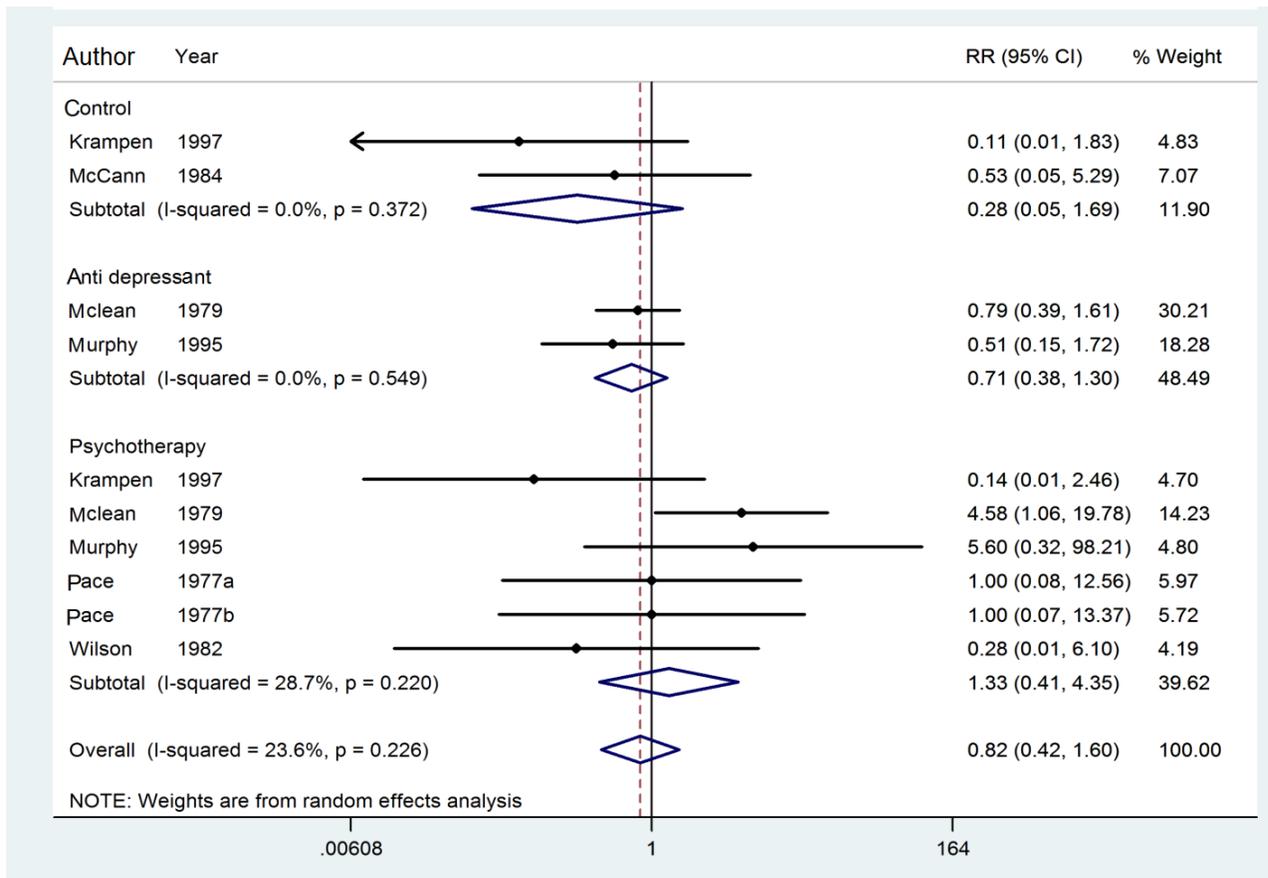


**Figure[15]: Forest plot of clinical response comparing psychotherapy vs. control:**

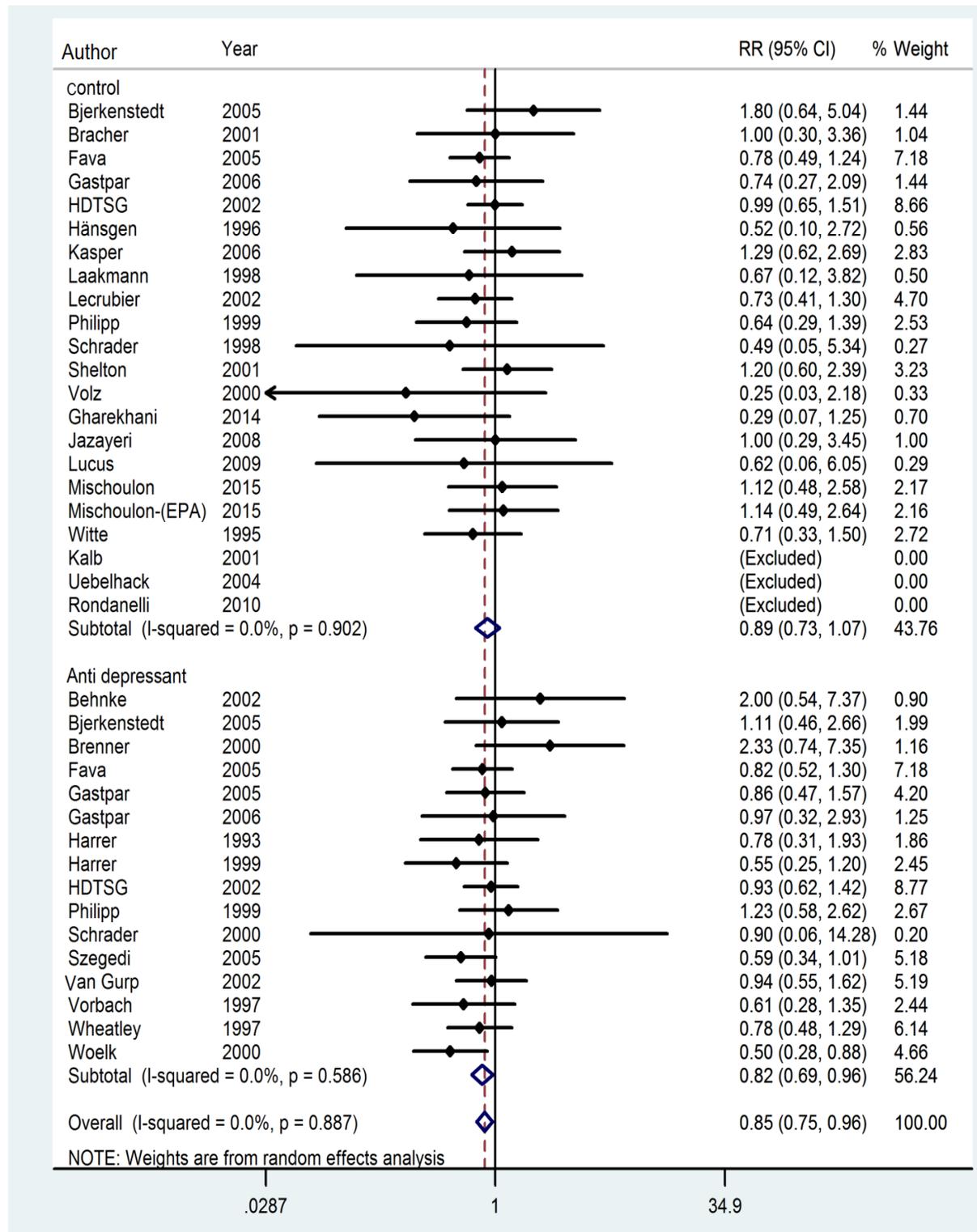




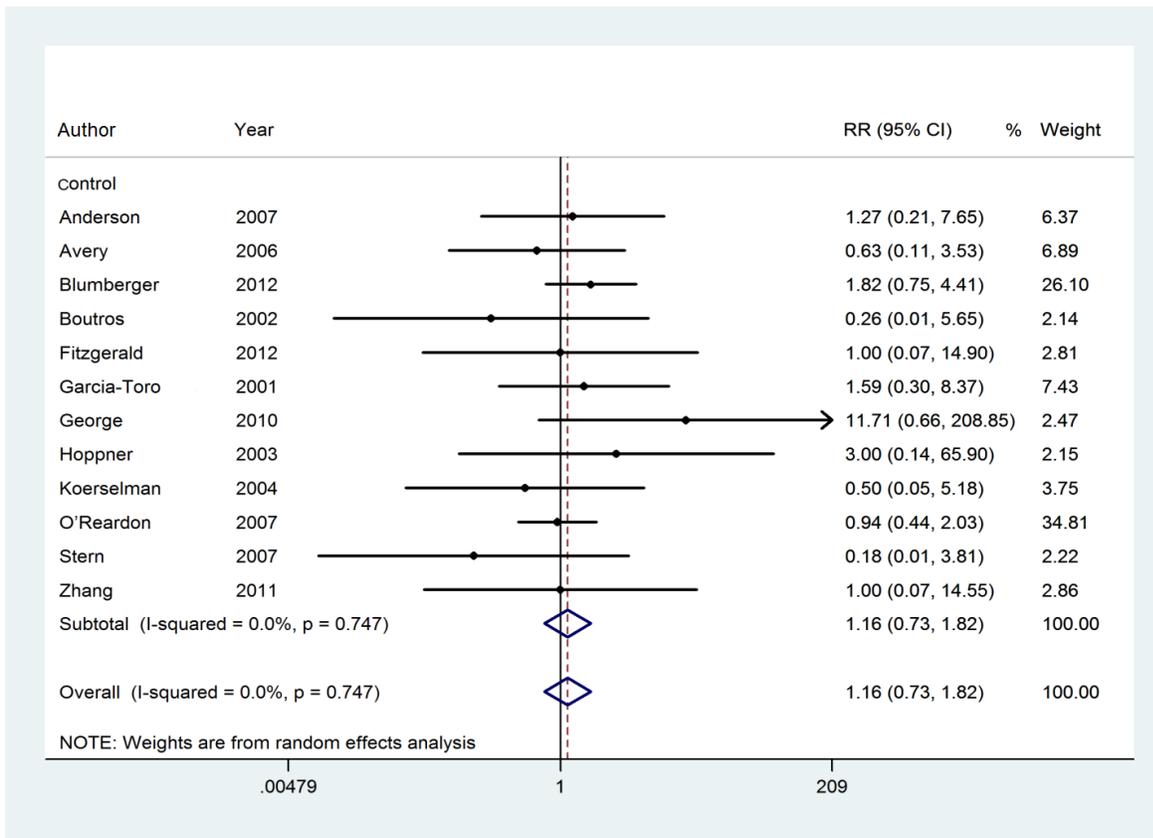
**Figure [17]: Forest plot of dropout rate comparing physical activity vs. (control, AD, psychotherapy):**



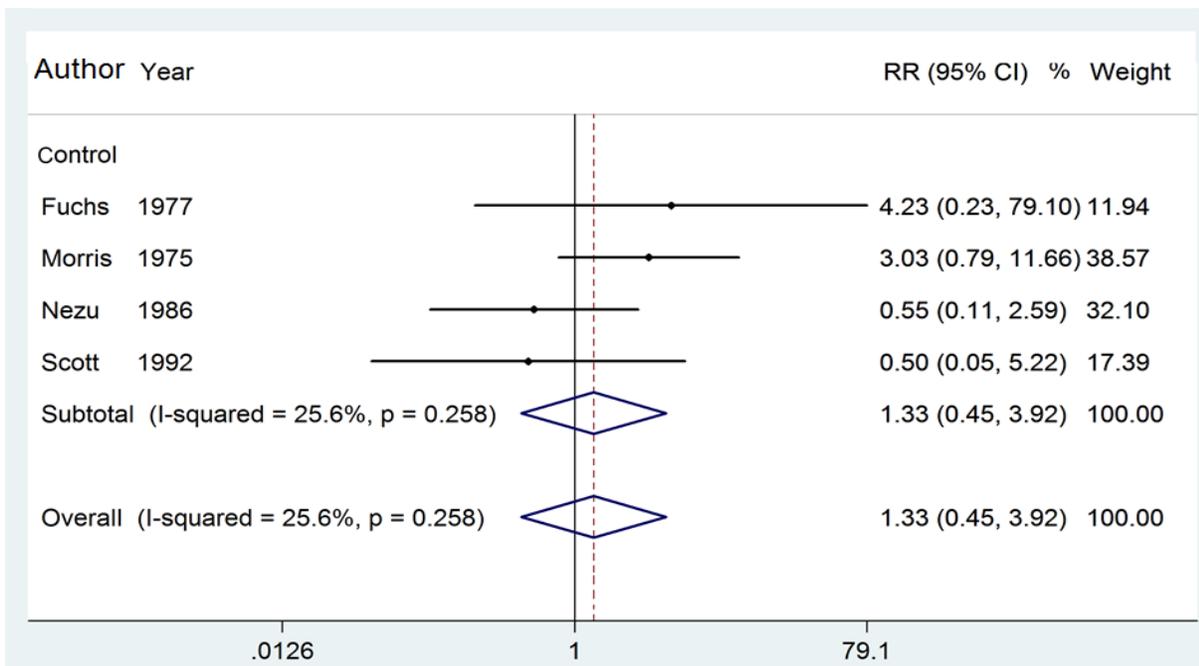
**Figure [18]: Forest plot of dropout rate comparing naturopathic intervention vs. (control and AD):**



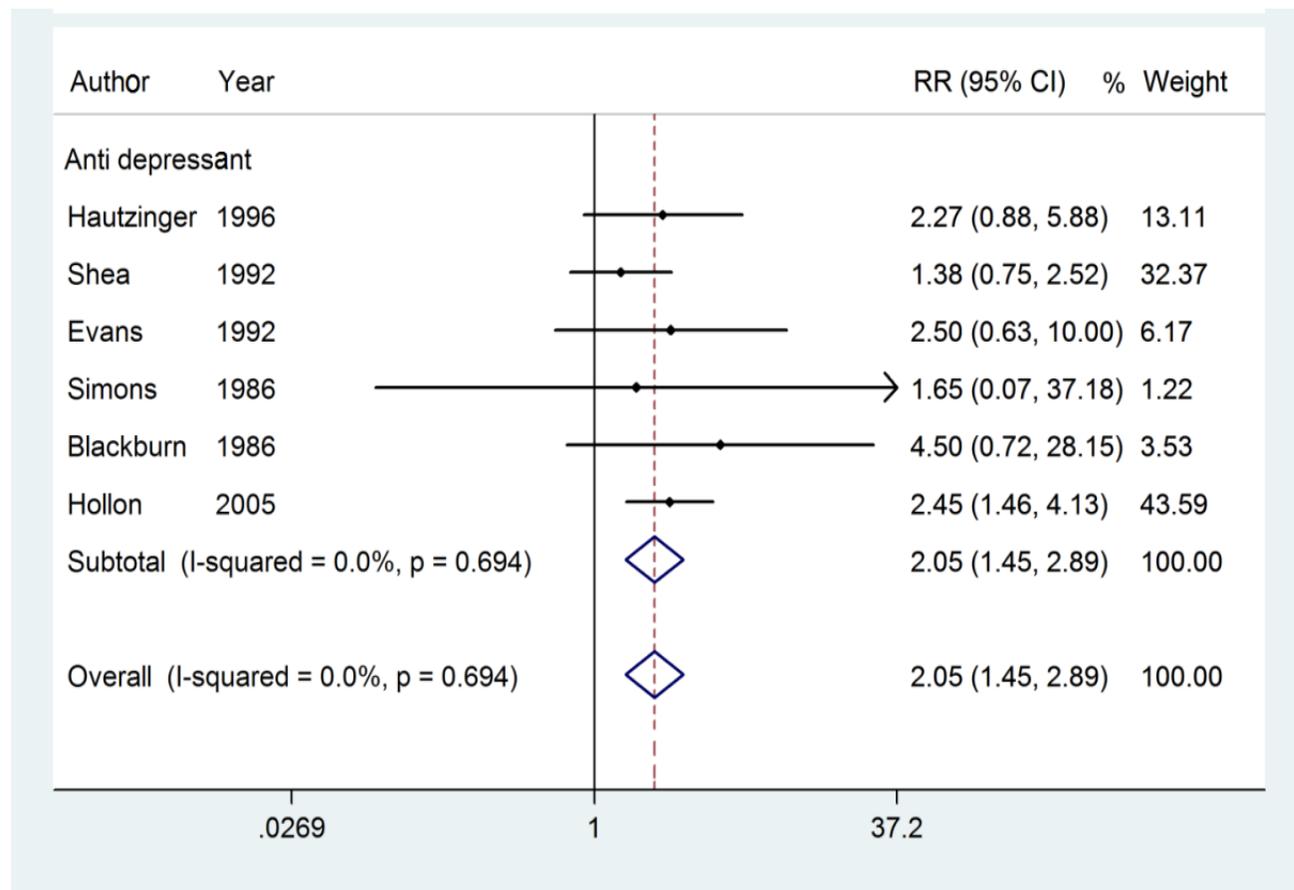
**Figure [19-A]: Forest plot of dropout rate comparing biological intervention vs. control:**



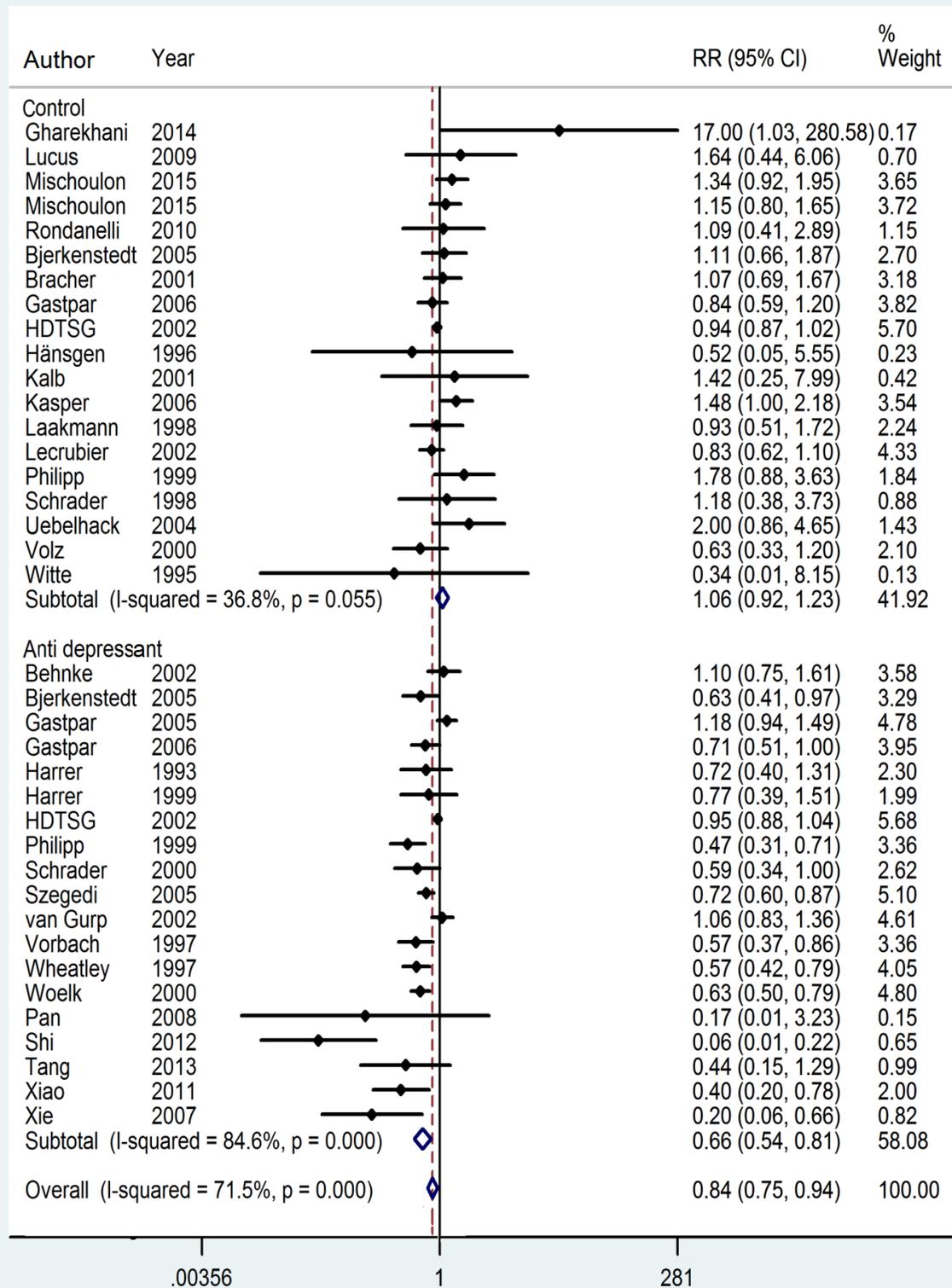
**Figure [19-B]: Forest plot of dropout rate comparing biological intervention vs. control:**



**Figure[20]: Forest plot of relapse rate comparing cognitive behavioral therapy vs. AD:**



**Figure [21]: Forest plot of side effect comparing naturopathic intervention vs. (control and AD):**



## Data Sources and Search Strategies

A comprehensive search of several databases from each database's earliest inception to February 2015, any language was conducted. The databases included Ovid Medline In-Process & Other Non-Indexed Citations, Ovid MEDLINE, Ovid EMBASE, Ovid PsycINFO, Ovid Cochrane Database of Systematic Reviews and Scopus. The search strategy was designed and conducted by an experienced librarian with input from the study's principle investigator. Controlled vocabulary supplemented with keywords was used to search for systematic reviews of therapy for depression.

### Ovid

Database(s): Embase 1988 to 2016 Week 06, Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present, PsycINFO 1987 to February Week 1 2016, EBM Reviews - Cochrane Database of Systematic Reviews 2005 to February 03, 2016

Search Strategy:

# Searches	Results
1 exp Depression/dh, dt, su, th [Diet Therapy, Drug Therapy, Surgery, Therapy]	21771
2 exp depression/dm, dt, rt, su, th [Disease Management, Drug Therapy, Radiotherapy, Surgery, Therapy]	87949
3 exp Depressive Disorder/dh, dt, su, th [Diet Therapy, Drug Therapy, Surgery, Therapy]	36313
4 (Depression* or "Depressive Reaction*" or Dysphoria or Melancholia* or "depressive disease*" or "depressive disorder" or "depressive episode*" or "depressive illness*" or "depressive personality" or "depressive state*" or "depressive symptom*" or "depressive syndrome*" or "depressive neuros*" or "dysthymic disorder*" or "seasonal affective disorder*" or "seasonal mood disorder*" or "bipolar disorder*" or "depressive psychos*" or "dysphoric disorder*" or dysthymia or "mourning syndrome*" or "Perry syndrome*" or pseudodementia*).ti,ab,sh,hw,kw.	1050835
5 exp major depression/ or exp Depressive Disorder/ or exp depression/	596979
6 exp Tricyclic Antidepressant Drugs/ or exp Antidepressant Drugs/	156159
7 exp Antidepressive Agents/	409955
8 exp Monoamine Oxidase Inhibitors/	51127
9 exp antidepressant agent/	282904
10 exp tricyclic antidepressant agent/	75784
11 exp Hypericum perforatum/	4743
12 exp s adenosylmethionine/	11147
13 exp Dehydroepiandrosterone/	21049
14 exp inositol/	29629
15 exp Fatty Acids/	775302
16 exp Fatty Acids, Omega-3/	41213
17 exp tryptophan/	61338
(antidepressant* or Bupropion or Citalopram or Fluoxetine or Fluvoxamine or Iproniazid or Isocarboxazid or "Lithium Carbonate" or Methylphenidate or Mianserin or Moclobemide or Molindone or Nefazodone or Nialamide or Nomifensine or Paroxetine or Phenelzine or Pheniprazine or Pipradrol or "Serotonin Norepinephrine Reuptake Inhibitor" or Sertraline or Sulpiride or Tranylcypromine or Trazodone or Venlafaxine or Zimeldine	704282

or Amitriptyline or Chlorimipramine or Desipramine or Doxepin or Imipramine or Maprotiline or Nortriptyline or thymoleptic\* or thymoanaleptics or rima or "reversible inhibitor of monoamine oxidase" or "monoamine oxidase inhibitor\*" or "reversible inhibitors of monoamine oxidase" or "mao inhibitor\*" or "anti-depressant\*" or "anti-depressive\*" or neurothymoleptic\* or psychoenergizer or hydroxyminaprine or adatanserin or afalanine or agomelatine or alaproclate or amibegron or anpirtoline or aprepitant or befetupitant or befuraline or benmoxin or binedaline or ciclazindol or cilobamine or clemeprol or clorotepine or clovoxamine or cotinine or "deanol acetamidobenzoate" or delfaprazine or dexmecamylamine or dilopetine or eclanamine or "eclanamine maleate" or elzasonan or emicerfont or etoperidone or etrabamine or farampator or fengabine or fezolamine or "fezolamine fumarate" or flerobuterol or flibanserin or fluparoxan or gamfexine or gepirone or indalpine or ipsapirone or lensiprazine or lithium or lortalamine or lusaperidone or metralindole or mifepristone or minaprine or moxiraprine or propanesulfonamide or propanesulfonamide or nafenodone or naluzotan or nelivaptan or netamiftide or nomifensine or "noradrenalin uptake inhibitor\*" or optimax or orvepitant or osemozotan or oxaflozane or panuramine or pexacerfont or piberaline or pirandamine or progabide or prosulpride or rolipram or "serotonin uptake inhibitor\*" or sifaprazine or siramesine or sunepitron or talsupram or teniloxazine or "tetracyclic antidepress\*" or tiflucarbine or timirdine or tofisopam or "trazium esilate" or verucerfont or vestipitant or viloxazine or viqualine or zometapine or "adrenaline oxidase inhibitor\*" or "amine oxidase inhibitor\*" or "mao inhibiting" or "mono amine oxidase inhibit\*" or "monoamine oxidase inhibit\*" or "monoaminoxidase inhibit\*" or "tyraminase inhibit\*" or "tyramine oxidase inhibit\*" or aaptamine or almoxatone or amiflamine or atibeprone or bazinaprine or befloxatone or "fluoromethylene meta tyrosine" or bifemelane or brofaromine or cimoxatone or clorgyline or eprobemide or etryptamine or harmaline or indantadol or iproclozide or iproniazid or isocarboxazid or ladostigil or lazabemide or methyclothiazide or milacemide or moclobemide or mofegiline or "monoamine oxidase A inhibit\*" or "monoamine oxidase B inhibit\*" or nialamide or norselegiline or pargyline or phenelzine or pheniprazine or pirlindole or rasagiline or safinamide or safrazine or selegiline or serclorephine or tetrindol or toloxatone or tranylcypromine or tranylcypromine or tribulin or hydroxynortriptyline or hydroxydesipramine or "adinazolam mesilate" or amineptine or amitriptyline or amitriptylinoxide or amoxapine or butriptyline or cianopramine or clomipramine or danitracen or demexiptiline or desipramine or dibenzepin or dimetacrin or dosulepin or doxepin or etizolam or imipramine or imipraminoxide or iprindole or limbitrol or lofepramine or melitracen or metapramine or nitroxazepine or norclomipramine or nordoxepin or nortrimipramine or nortriptyline or noxiptiline or opipramol or propizepine or protriptyline or quinupramine or tampramine or tandamine or tianeptine or trimipramine or "monoamine reuptake inhibit\*" or "reuptake inhibit\*" or "uptake inhibit\*" or "serotonin reuptake inhibit\*" or "noradrenalin reuptake inhibit\*" or "norepinephrine reuptake inhibit\*" or "norepinephrine uptake inhibit\*" or snri or ssnri or desvenlafaxine or duloxetine or milnacipran or sibutramine or "triple reuptake inhibit\*" or venlafaxine or amitifadine or bicifadine or brasofensine or diclofensine or indatraline or tesofensine or "johns wort" or hypericum\* or "klamath weed" or adenosylmethionine or "adenosyl methionine" or Dehydroepiandrosterone or dhea or androstenolone or prasterone or Tryptophan).ti,ab,sh,hw,kw.

19 or/6-18	1545818
20 exp Psychotherapy/	470398
21 exp Electroconvulsive Shock Therapy/	17483
22 exp Electroconvulsive Therapy/	24682

23 exp brain depth stimulation/	26541
24 exp Deep Brain Stimulation/	34094
25 exp transcranial magnetic stimulation/	29567
26 exp Vagus Nerve/	36569
27 exp Vagus Nerve Stimulation/	7934
28 exp electrostimulation therapy/	170408
29 exp Electric Stimulation Therapy/	233749
30 exp electrical brain stimulation/	30992
31 exp alternative medicine/	232805
32 exp phototherapy/	87888
33 exp kinesiotherapy/	47304
34 exp Exercise Therapy/	82041
35 exp Exercise/	362375
36 exp yoga/	7523
37 exp complementary therapies/	226605
38 exp alternative medicine/	232805
39 exp rhodiola rosea/	515
40 exp Combined Modality Therapy/ (therapy or therapies or psychotherap* or treatment* or training or management or abreaction or catharsis or transference or "Balint group*" or "behavior contracting" or "behavior modification" or bibliotherapy or "stress management" or "cognitive rehabilitation" or imagery or psychodrama or "role playing" or sociotherapy or "therapeutic communit*" or Hypnotherapy or Logotherapy or Psychoanaly* or Psychotherapeutic* or "Transactional Analysis" or Aromatherapy or biofeedback or Desensitization or Chronotherapy or "sensory feedback" or neurofeedback or meditation or "crisis intervention*" or hypnosis or suggestion* or "free association*" or Countertransference or "response cost" or "behavior contracting" or "paradoxical technique*" or countercondition* or "cognitive restructuring" or "contingency management" or fading or overcorrection or timeout* or gestalt or "empty chair" or "therapeutic communit*" or "consciousness raising" or "group development" or "group intervention*" or "group dynamics" or "human potential*" or "support group*" or "twelve step program*" or "12 step program*" or humanis* or "age regression" or relaxation or "alternative medicine" or counseling or cotherap* or holistic or phototherap* or yoga or "transcranial magnetic stimulat*" or (brain adj2 stimulat*) or (brain adj2 excitation) or surger* or neurosurger* or "vagus nerve" or "vagal nerve" or "vagus stimulat*" or "vagal stimulat*" or electrotherap* or electrosleep or electrostimulat* or "electrical stimulat*" or "electric stimulat*" or acupuncture or heliotherap* or exercise or kinesiotherap* or kinesitherap* or relaxation or "mind-body" or aromatherap* or "complementary medicine*" or homeopathy or "breathing exercise*" or "mental healing" or psychodrama* or "tai ji" or "therapeutic touch*" or Electroacupuncture or auriculotherap* or "role play*" or acupressure* or massage or phytotherap* or spiritual* or reflexotherap* or "flower remed*" or "Rhodiola rosea" or Inositol or "vitamin b6" or "omega 3" or "fatty acid*" or "n-3 pufa" or "combined modalit*").ti,ab,sh,hw,kw.	266298
41	16150962
42 or/20-41	16303953
43 1 or 2 or 3	144715
44 (4 or 5) and (19 or 42)	582720

45	43 or 44	591081
46	"systematic review"/	101172
47	(systematic* adj3 review*).mp.	259833
48	45 and (46 or 47)	12532
49	45 and 46	5775
50	from 48 keep 7859-12532	4674
51	49 or 50	10449
52	from 51 keep 5776-10449	4674
53	from 51 keep 1-5775	5775
54	2 and 53	2522
55	52 or 54	7196
56	limit 55 to (book or book series or editorial or erratum or letter or note or short survey or addresses or autobiography or bibliography or biography or dictionary or directory or interactive tutorial or interview or lectures or legislation or news or newspaper article or overall or patient education handout or periodical index or portraits or video-audio media or webcasts) [Limit not valid in Embase,Ovid MEDLINE(R),Ovid MEDLINE(R) In-Process,PsycINFO,CDSR; records were retained]	545
57	from 56 keep 225-545	321
58	56 not 57	224
59	55 not 58	6972
60	limit 59 to yr="2015 -Current"	962
61	remove duplicates from 60	695

## Scopus

- 1 TITLE-ABS-KEY(Depression\* or "Depressive Reaction\*" or Dysphoria or Melancholia\* or "depressive disease\*" or "depressive disorder" or "depressive episode\*" or "depressive illness\*" or "depressive personality" or "depressive state\*" or "depressive symptom\*" or "depressive syndrome\*" or "depressive neuros\*" or "dysthymic disorder\*" or "seasonal affective disorder\*" or "seasonal mood disorder\*" or "bipolar disorder\*" or "depressive psychos\*" or "dysphoric disorder\*" or dysthymia or "mourning syndrome\*" or "Perry syndrome\*" or pseudodementia\*)
- 2 TITLE-ABS-KEY(antidepressant\* or Bupropion or Citalopram or Fluoxetine or Fluvoxamine or Iproniazid or Isocarboxazid or "Lithium Carbonate" or Methylphenidate or Mianserin or Moclobemide or Molindone or Nefazodone or Nialamide or Nomifensine or Paroxetine or Phenelzine or Pheniprazine or Pipradrol or "Serotonin Norepinephrine Reuptake Inhibitor" or Sertraline or Sulpiride or Tranylcypromine or Trazodone or Venlafaxine or Zimeldine or Amitriptyline or Chlorimipramine or Desipramine or Doxepin or Imipramine or Maprotiline or Nortriptyline or thymoleptic\* or thymoanaleptics or rima or "reversible inhibitor of monoamine oxidase" or "monoamine oxidase inhibitor\*" or "reversible inhibitors of monoamine oxidase" or "mao inhibitor\*" or "anti-depressant\*" or "anti-depressive\*" or neurothymoleptic\* or psychoenergizer or hydroxyminaprine or adatsanerin or afalanine or agomelatine or alaproclate or amibegron or anpirtoline or aprepitant or befetupitant or befuraline or benmoxin or binedaline or ciclazindol or cilobamine or clemeprol or clorotepine or clovoxamine or cotinine or "deanol acetamidobenzoate" or delfaprazine or dexmecamylamine or dilopetine or eclanamine or "eclanamine maleate" or elzasonan or emicerfont or etoperidone or etrabamine or farampator or fengabine or fezolamine or "fezolamine fumarate" or flerobuterol or flibanserin or fluparoxan or gamfexine or gepirone or indalpine or ipsapirone or lensiprazine or lithium or lortalamine or lusaperidone or metralindole or mifepristone or minaprine or moxiraprine or propanesulfonamide or propanesulfonamide or nafenodone or naluzotan or nelivaptan or netamiftide or nomifensine or "noradrenalin uptake inhibitor\*" or optimax or orvepitant or osemozotan or oxaflozane or panuramine or pexacerfont or piberaline or pirandamine or progabide or prosulpride or rolipram or "serotonin uptake inhibitor\*" or sifaprazine or siramesine or sunepitron or talsupram or teniloxazine or "tetracyclic antidepress\*" or tiflucarbine or timirdine or tofisopam or "trazium esilate" or verucerfont or vestipitant or viloxazine or viqualine or zometapine or "adrenaline oxidase inhibitor\*" or "amine oxidase inhibitor\*" or "mao inhibiting" or "mono amine oxidase inhibit\*" or "monoamine oxidase inhibit\*" or "monoaminoxidase inhibit\*" or "tyraminase inhibit\*" or "tyramine oxidase inhibit\*" or aaptamine or almoxatone or amiflamine or atibepnone or bazinaprine or befloxatone or "fluoromethylene meta tyrosine" or bifemelane or brofaromine or cimoxatone or clorgyline or eprobemide or etryptamine or harmaline or indantadol or iproclozide or iproniazid or isocarboxazid or ladostigil or lazabemide or methyclothiazide or milacemide or moclobemide or mofegiline or "monoamine oxidase A inhibit\*" or "monoamine oxidase B inhibit\*" or nialamide or norselegiline or pargyline or phenelzine or pheniprazine or pirlindole or rasagiline or safinamide or safrazine or selegiline or sercloremine or tetrindol or toloxatone or tranylcypromine or tranylcypromine or tribulin or hydroxynortriptyline or hydroxydesipramine or "adinazolam mesilate" or amineptine or amitriptyline or amitriptylinoxide or amoxapine or butriptyline or cianopramine or clomipramine or danitracen or demexiptiline or desipramine or dibenzepin or dimetacrin or dosulepin or doxepin or etizolam or imipramine or imipraminoxide or iprindole or limbitrol or lofepramine or melitracen or metapramine or nitroxazepine or norclomipramine or nordoxepin or nortrimipramine or nortriptyline or noxiptiline or opipramol or propizepine or protriptyline or quinupramine or tampramine or tandamine or tianeptine or trimipramine or

- "monoamine reuptake inhibit\*" or "reuptake inhibit\*" or "uptake inhibit\*" or "serotonin reuptake inhibit\*" or "noradrenalin reuptake inhibit\*" or "norepinephrine reuptake inhibit\*" or "norepinephrine uptake inhibit\*" or snri or ssri or desvenlafaxine or duloxetine or milnacipran or sibutramine or "triple reuptake inhibit\*" or venlafaxine or amitifadine or bicifadine or brasofensine or diclofensine or indatraline or tesofensine or "johns wort" or hypericum\* or "klamath weed" or adenosylmethionine or "adenosyl methionine" or Dehydroepiandrosterone or dhea or androstenolone or prasterone or Tryptophan)
- 3 TITLE-ABS-KEY(therapy or therapies or psychotherap\* or treatment\* or training or management or abreaction or catharsis or transference or "Balint group\*" or "behavior contracting" or "behavior modification" or bibliotherapy or "stress management" or "cognitive rehabilitation" or imagery or psychodrama or "role playing" or sociotherapy or "therapeutic communit\*" or Hypnotherapy or Logotherapy or Psychoanaly\* or Psychotherapeutic\* or "Transactional Analysis" or Aromatherapy or biofeedback or Desensitization or Chronotherapy or "sensory feedback" or neurofeedback or meditation or "crisis intervention\*" or hypnosis or suggestion\* or "free association\*" or Countertransference or "response cost" or "behavior contracting" or "paradoxical technique\*" or countercondition\* or "cognitive restructuring" or "contingency management" or fading or overcorrection or timeout\* or gestalt or "empty chair" or "therapeutic communit\*" or "consciousness raising" or "group development" or "group intervention\*" or "group dynamics" or "human potential\*" or "support group\*" or "twelve step program\*" or "12 step program\*" or humanis\* or "age regression" or relaxation or "alternative medicine" or counseling or cotherap\* or holistic or phototherap\* or yoga or "transcranial magnetic stimulat\*" or (brain W/2 stimulat\*) or (brain W/2 excitation) or surger\* or neurosurger\* or "vagus nerve" or "vagal nerve" or "vagus stimulat\*" or "vagal stimulat\*" or electrotherap\* or electrosleep or electrostimulat\* or "electrical stimulat\*" or "electric stimulat\*" or acupuncture or heliotherap\* or exercise or kinesiotherap\* or kinesitherap\* or relaxation or "mind-body" or aromatherap\* or "complementary medicine\*" or homeopathy or "breathing exercise\*" or "mental healing" or psychodrama\* or "tai ji" or "therapeutic touch\*" or Electroacupuncture or auriculotherap\* or "role play\*" or acupressure\* or massage or phytotherap\* or spiritual\* or reflexotherap\* or "flower remed\*" or "Rhodiola rosea" or Inositol or "vitamin b6" or "omega 3" or "fatty acid\*" or "n-3 pufa" or "combined modalit\*")
- 4 1 and (2 or 3)
- 5 TITLE-ABS-KEY(systematic\* W/3 review\*)
- 6 4 and 5
- 7 PMID(0\*) OR PMID(1\*) OR PMID(2\*) OR PMID(3\*) OR PMID(4\*) OR PMID(5\*) OR PMID(6\*) OR PMID(7\*) OR PMID(8\*) OR PMID(9\*)
- 8 6 and not 7
- 9 DOCTYPE(le) OR DOCTYPE(ed) OR DOCTYPE(bk) OR DOCTYPE(er) OR DOCTYPE(no) OR DOCTYPE(sh)
- 10 8 and not 9