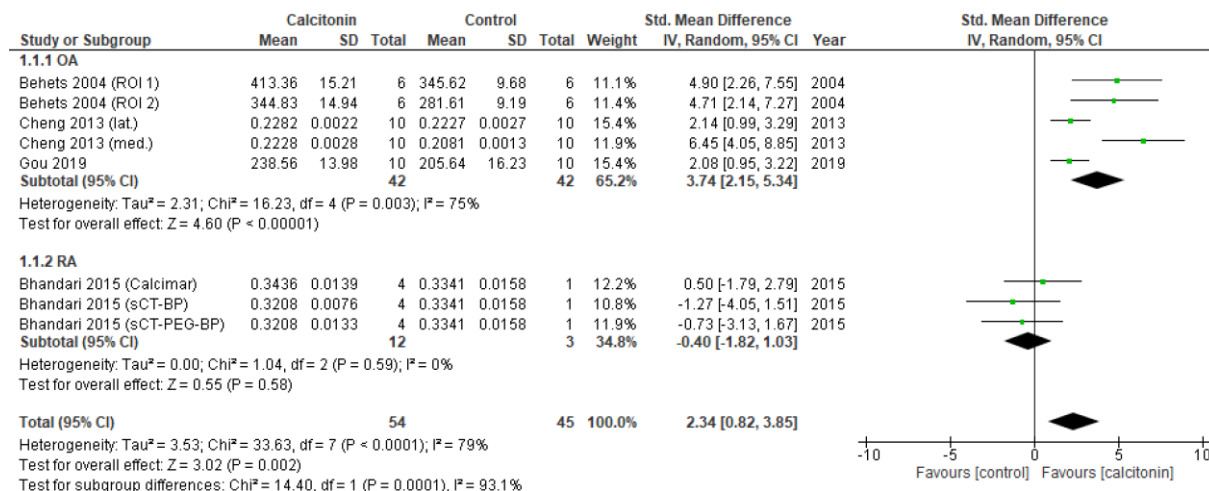


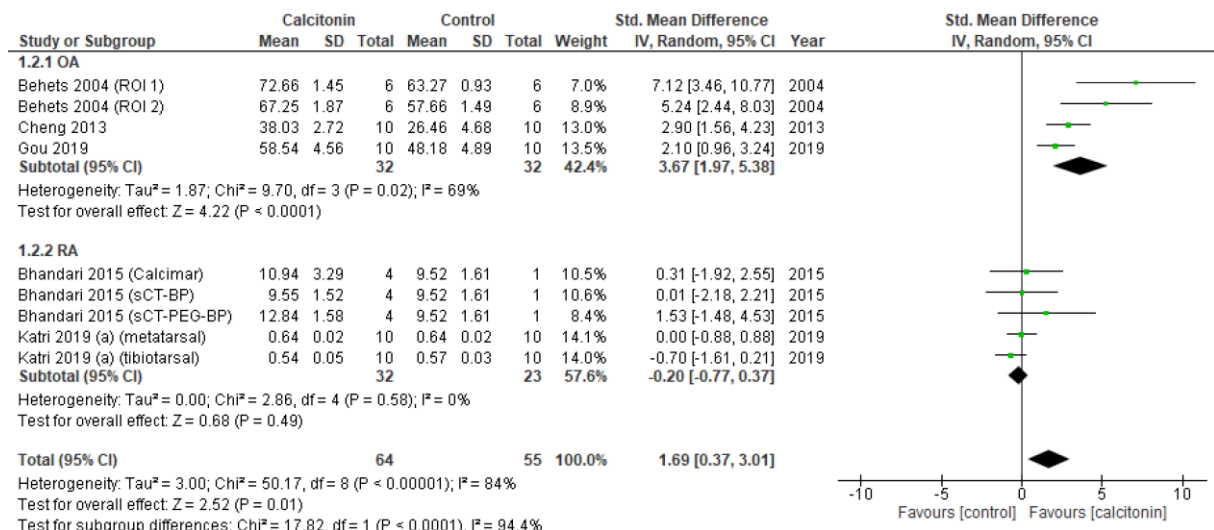
Supplementary data

Supplementary Table 1. Search strategy. Pubmed/MEDLINE and Embase search strategies, last updated on October 24, 2022.

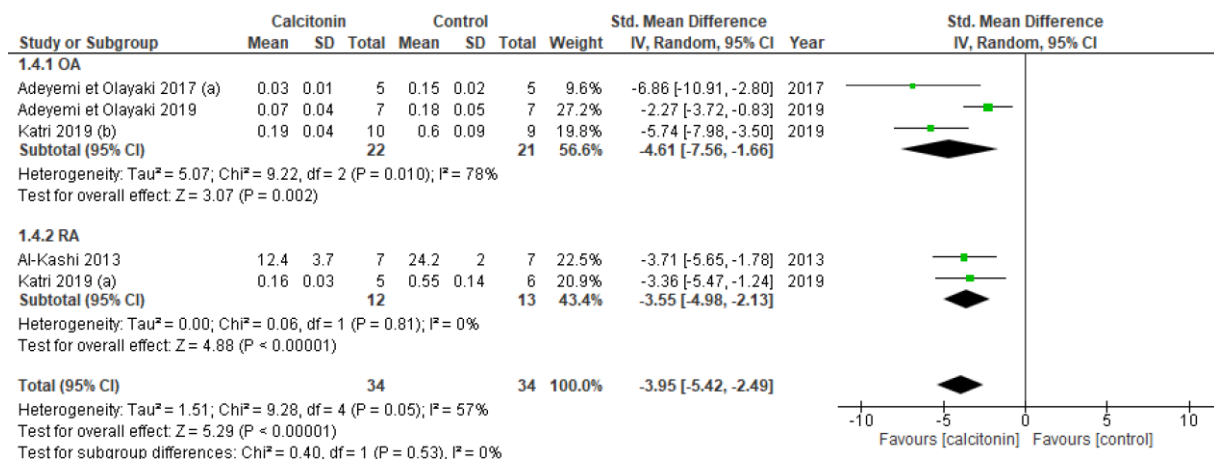
PubMed/MEDLINE	Results: 715 (24.10.2022)
Search strategy	("Calcitonin"[Mesh] OR Calcitonin) AND ("Arthritis, Rheumatoid"[Mesh] OR Rheumatoid Arthritis OR Arthritis OR "Osteoarthritis"[Mesh] OR Osteoarthritis)
Embase	Results: 2726 (24.10.2022)
Search strategy	(exp Calcitonin/ OR Calcitonin) AND (exp "Arthritis, Rheumatoid"/ OR "Rheumatoid Arthritis" OR Arthritis OR exp Osteoarthritis/ OR Osteoarthritis)



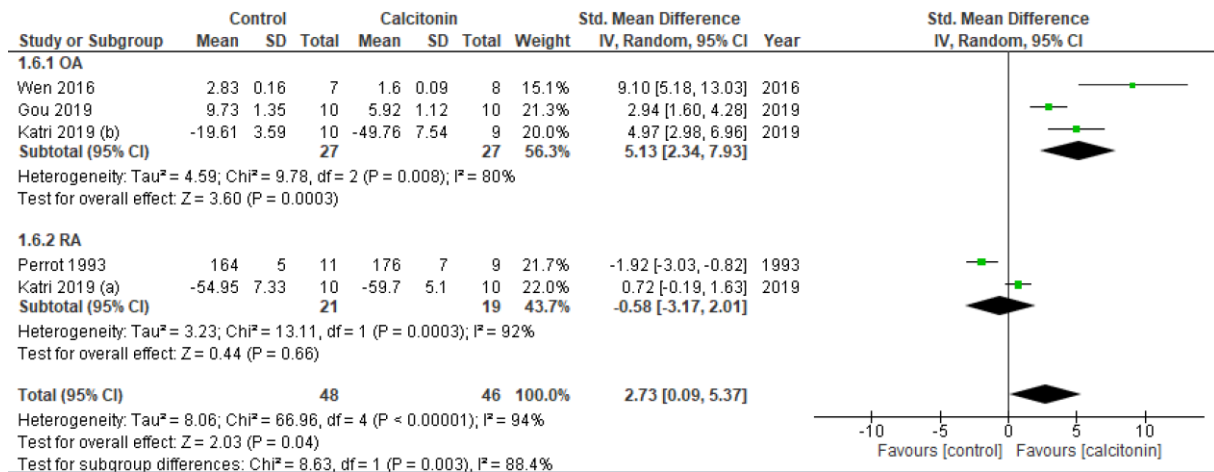
Supplementary Figure 1. Bone Mineral Density (BMD, (1-4)). Subgroup analyses for disease model (osteoarthritis vs. rheumatoid arthritis).



Supplementary Figure 2. Bone volume (BV, (1-5)). Subgroup analyses for disease model (osteoarthritis vs. rheumatoid arthritis).



Supplementary Figure 3. CTX-I (5-9). Subgroup analysis for disease model (osteoarthritis vs. rheumatoid arthritis).



Supplementary Figure 4. Mechanical allodynia (3, 5, 8, 10, 11). Subgroup analysis for disease model (osteoarthritis vs. rheumatoid arthritis).

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