

Supplementary Materials

Table S1. Search strategy (example for 3 databases).

Pubmed	Search terms for query	Results
#1	Search ((Probiotics[MeSH Terms]) OR Bifidobacterium[MeSH Terms]) OR Lactobacillus[MeSH Terms]	41150
#2	Search ((Eczema[MeSH Terms]) OR Allergic diseases[MeSH Terms]) OR Atopic dermatitis[MeSH Terms]	30229
#3	Search (((Probiotics[MeSH Terms]) OR Bifidobacterium[MeSH Terms]) OR Lactobacillus[MeSH Terms])) AND (((Eczema[MeSH Terms]) OR Allergic diseases[MeSH Terms]) OR Atopic dermatitis[MeSH Terms])	373
#4	Search (((Infant[MeSH Terms]) OR Children[MeSH Terms]) OR Pregnancy[MeSH Terms]) OR Pregnant woman[MeSH Terms]	3138055
#5	Search ((((((Probiotics[MeSH Terms]) OR Bifidobacterium[MeSH Terms]) OR Lactobacillus[MeSH Terms])) AND (((Eczema[MeSH Terms]) OR Allergic diseases[MeSH Terms]) OR Atopic dermatitis[MeSH Terms]))) AND (((Infant[MeSH Terms]) OR Children[MeSH Terms]) OR Pregnancy[MeSH Terms]) OR Pregnant woman[MeSH Terms])	239
Web of Science	Search terms for query	Results
#1	TI = (Probiotics OR Bifidobacterium OR Lactobacillus) Timespan = Before January 2020; Search language=Auto	35582
#2	TI = (Eczema OR Allergic diseases OR Atopic dermatitis) Timespan = Before January 2020; Search language=Auto	36223
#3	#1 AND #2 Timespan = Before January 2020; Search language=Auto	312
#4	TI = (Infant OR Children OR Pregnancy OR Pregnant woman) Timespan = Before January 2020; Search language=Auto	1380268
#5	#3 AND #4 Timespan = Before January 2020; Search language=Auto	84
The Cochrane library	Search terms for query	Results
#1	(Probiotics) OR (Bifidobacterium) OR (Lactobacillus)	9318
#2	(Eczema) OR (Allergic diseases) OR (Atopic dermatitis)	11338
#3	#1 AND #2	491
#4	(Infant) OR (Children) OR (Pregnancy) OR (Pregnant woman)	188350
#5	#3 AND #4	376
#6	#5 AND Randomized controlled trials	325

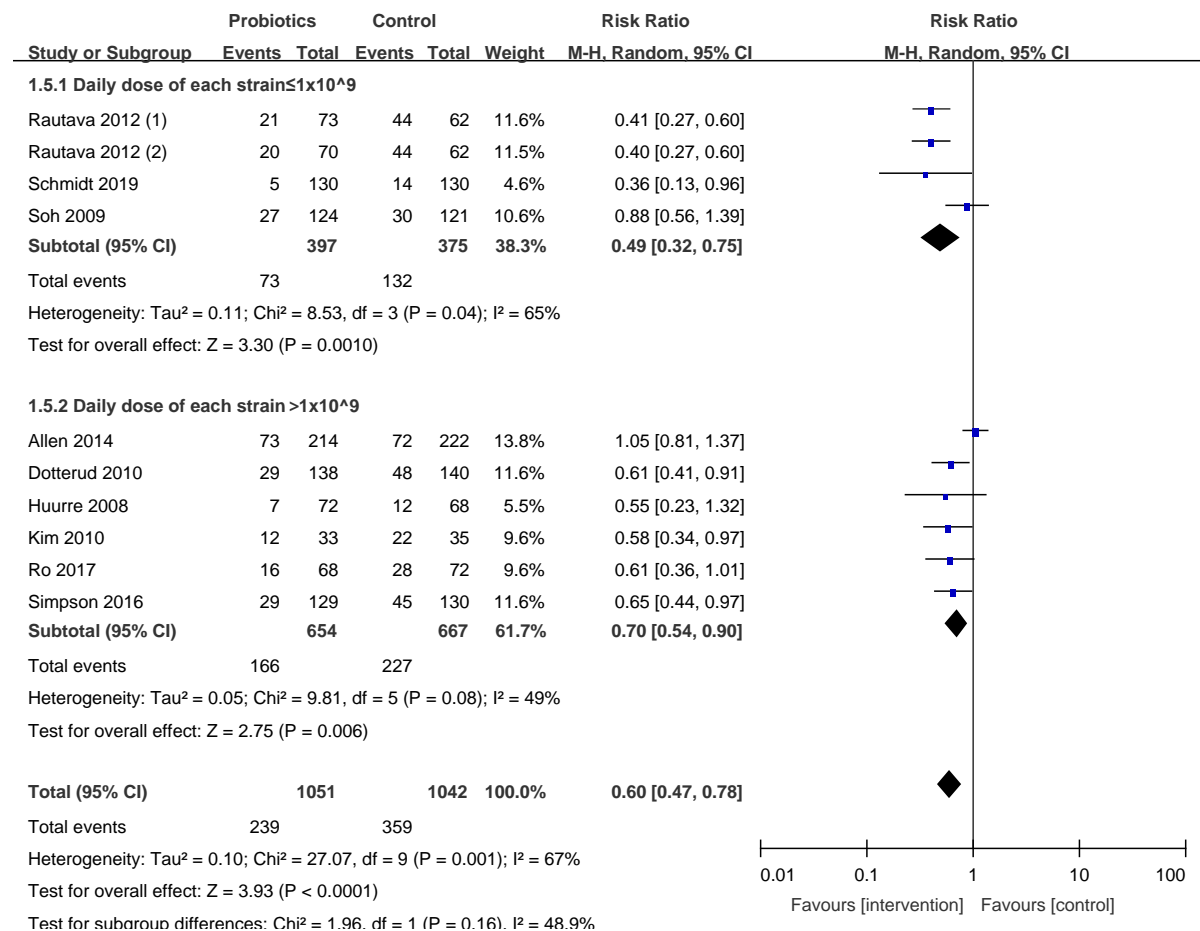


Figure S1. Forest plot of the effect of probiotics dosage on occurrence of Infantile Eczema.

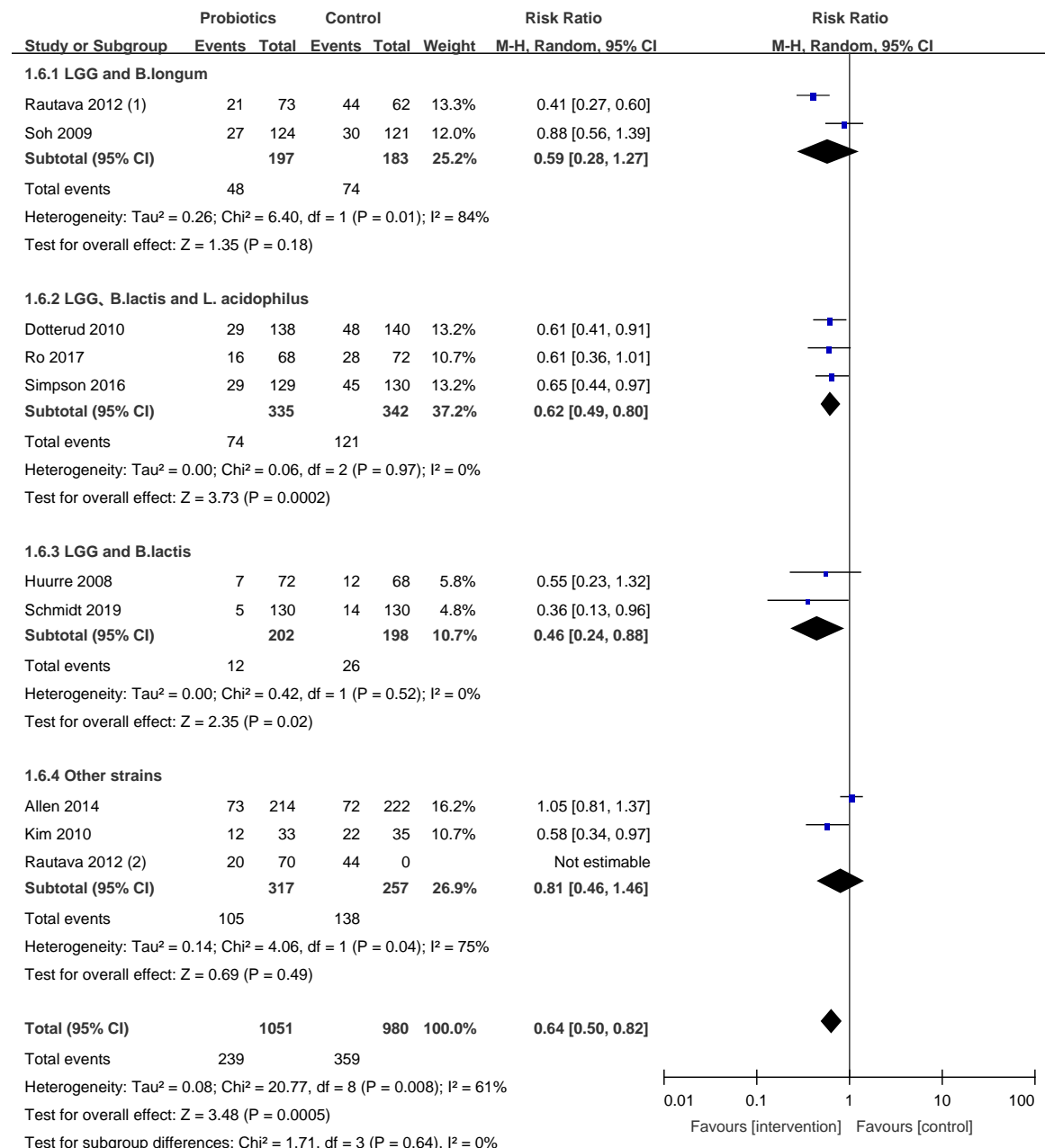


Figure S2. Forest plot of the effect of probiotics strains on occurrence of Infantile Eczema.