

MAINTENANCE OF RESPONSE AT 52-WEEK IN MODERATE TO SEVERE ATOPIC DERMATITIS: A NETWORK META-ANALYSIS OF THERAPEUTIC ALTERNATIVES

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Background and importance

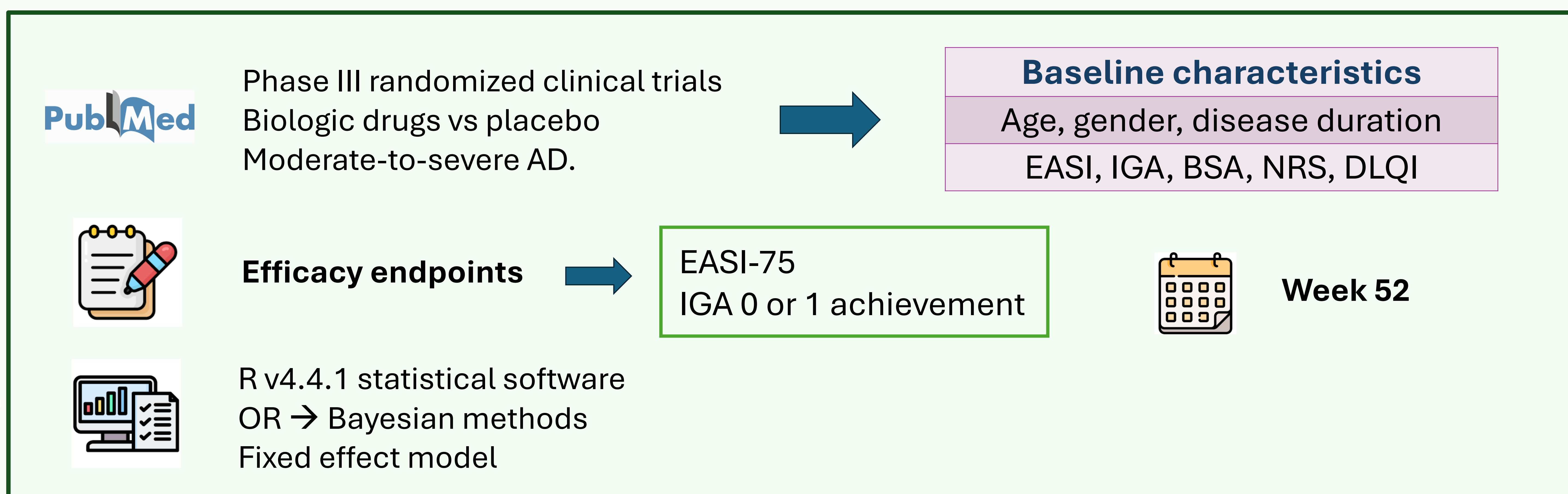
Moderate-to-severe atopic dermatitis (AD) can be treated with several therapeutic alternatives. **Lebrikizumab** has been approved recently.



Aim and objectives

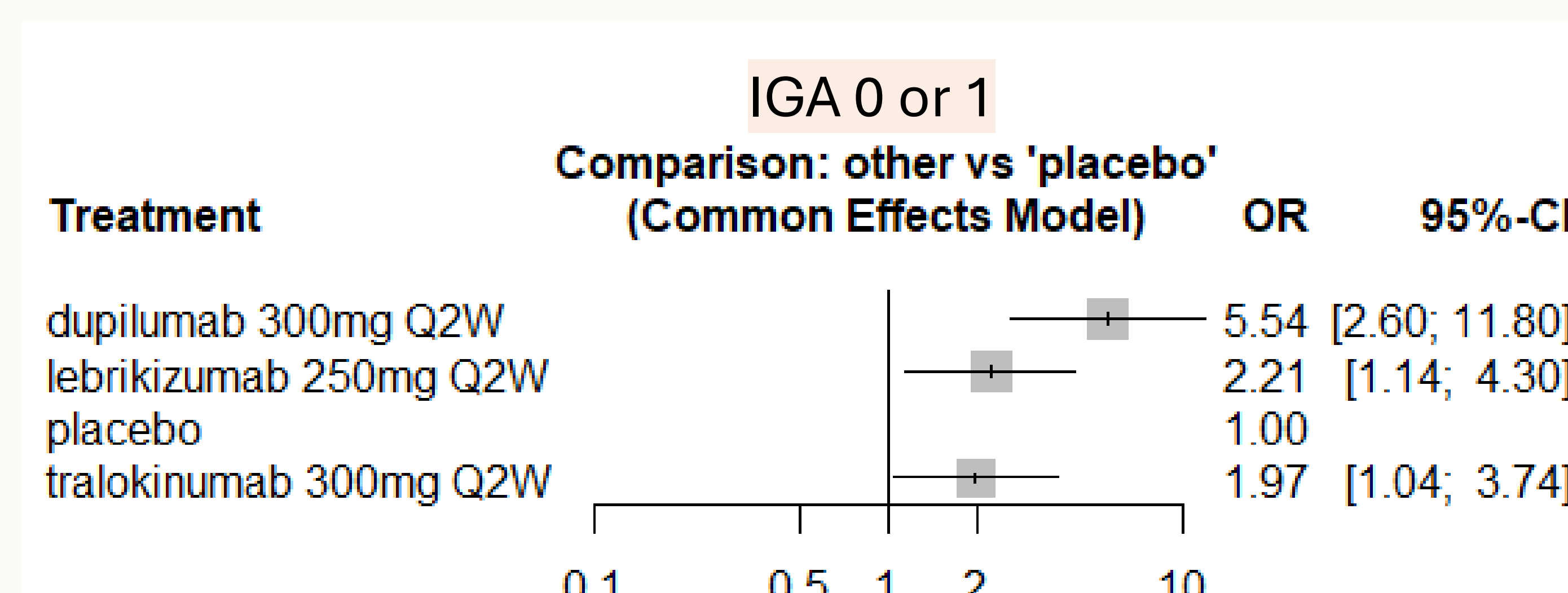
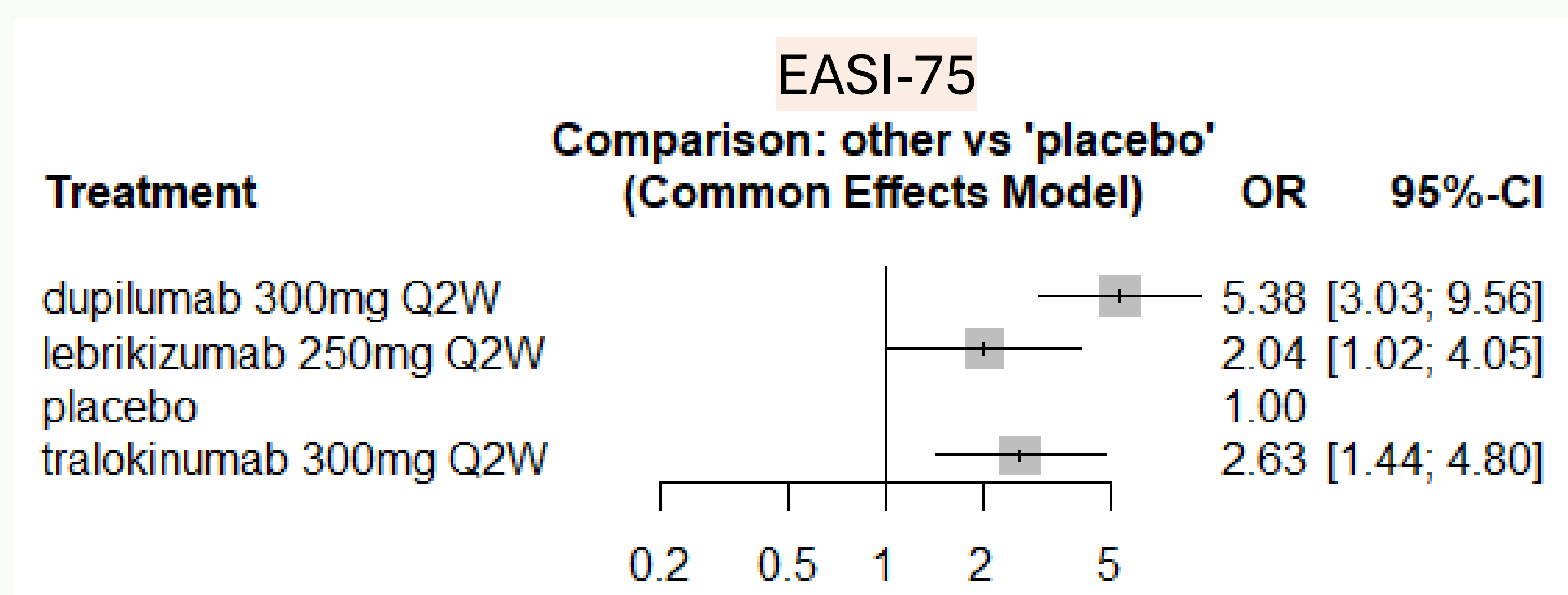
To develop a network meta-analysis (NMA) to compare the efficacy in maintenance of response at 52-week of biologic treatments for moderate-to-severe AD.

Material and methods



Results

Study	Drug	Comparator	Age (years)	Gender male %	Disease duration (years)	Follow-up (weeks)	EASI	BSA	DLQI	POEM
ADvocate 1	Lebrikizumab 250mg Q2W	placebo	37.3 ± 17.9	48.5	22.7 ± 14.8	52	30.0 ± 11.9	45.4 (20.0)	15.4 (7.3)	21.3 (5.4)
ADvocate 2	Lebrikizumab 250mg Q2W	placebo	34.5 ± 15.9	48.9	20.5 ± 13.6	52	29.0 ± 9.5	45.2 (21.4)	14.4 (6.3)	20.7 (4.4)
SOLO-CONTINUE	Dupilumab 300mg Q2W	placebo	36 ± 22	53.8	26.0 (16.0–42.0)	52	29.8 (19.2)	50.0 (35.0)	14.0 (12)	22.0 (9.0)
ECZTRA 1	Tralokinumab 300mg Q2W	placebo	37 ± 21	58.2	27.0 (19.0–38.0)	52	28,2 (18.7)	50 (43)	17 (10)	24 (7)
ECZTRA 2	Tralokinumab 300mg Q2W	placebo	34 ± 23	60.5	25.5 (17.0–39.0)	52	28,2 (21)	50 (43)	18 (10)	24 (7)



Conclusions and relevance

- ✓ This NMA provided a review of efficacy of recent therapies for moderate-to-severe AD focusing on long-term response maintenance.
- ✓ Dupilumab 300mg Q2W were the most effective scheme.
- ✓ Similar benefit was observed between tralokinumab 300mg Q2W and lebrikizumab 250mg Q2W.
- ✓ Further trials are needed to compare long-term outcomes of other therapies, such as JAK inhibitors.

