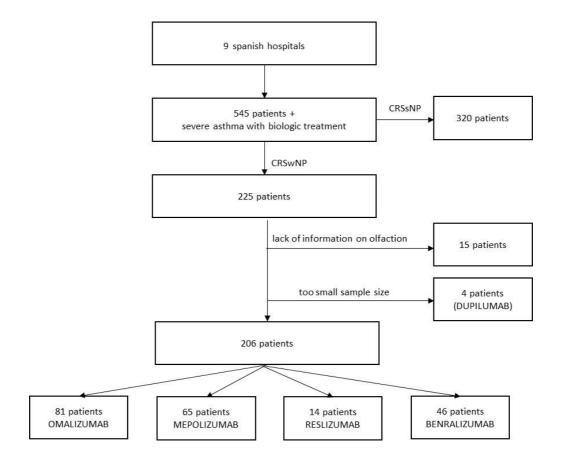
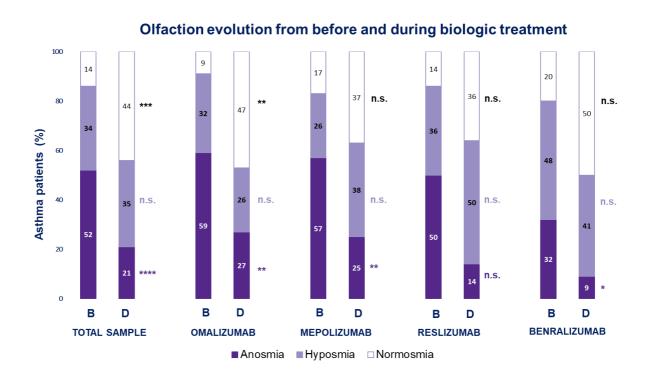
## **SUPPLEMENTARY MATERIAL**

Figure S1. STROBE flow diagram of included patients.



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Figure S2. Comparative levels of olfactory dysfunction (anosmia, hyposmia, and normosmia) before and during biologic treatment.



B = before treatment; D =during treatment; n.s.=not statistically significant; \*P<0.05; \*\*P<0.01; \*\*\*P<0.001; \*\*\*\*P<0.0001.

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