**SUPPLEMENTARY MATERIAL**

**Supplementary Figure 1.** Sensitization profiles to olive pollen. Each bar represents the prevalence of sensitization to each allergen (Ole e 1, Ole e 7, Ole e 9). Inside each bar appears the median, in kU/l, of sIgE to allergens.
Supplementary Figure 2. The graph shows the olive annual total pollen concentrations (dark bars) and its peak days (light bars) for each year of the study.

*Data provided by the Spanish Aerobiology Network - Cordoba Station.
Supplementary Figure 3. Clinical characteristics of patients before (year 2011) and after (year 2013) receiving omalizumab pre-intraseasonally. Individual values were used to calculate ACSI index.