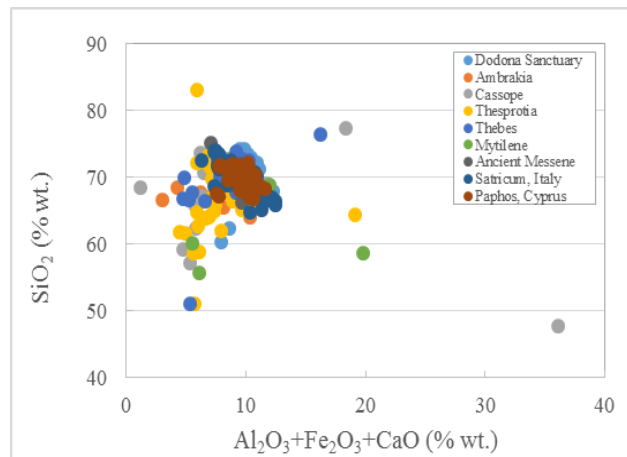
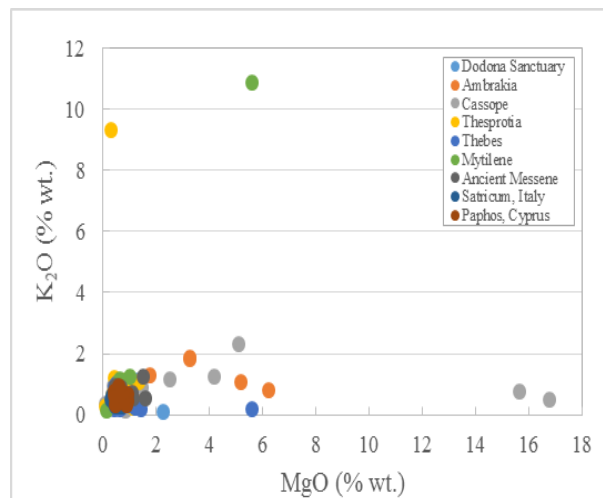


**Fig. 1:** Chart showing the distribution between samples and analytical techniques used.



**Fig. 2:** Correlation between SiO<sub>2</sub> and the sum of Al<sub>2</sub>O<sub>3</sub>+Fe<sub>2</sub>O<sub>3</sub>+CaO might indicate possible different sand raw materials.



**Fig. 3:** The majority of samples belong to the natron area (K<sub>2</sub>O, MgO <1% wt.) while there are few exceptions.