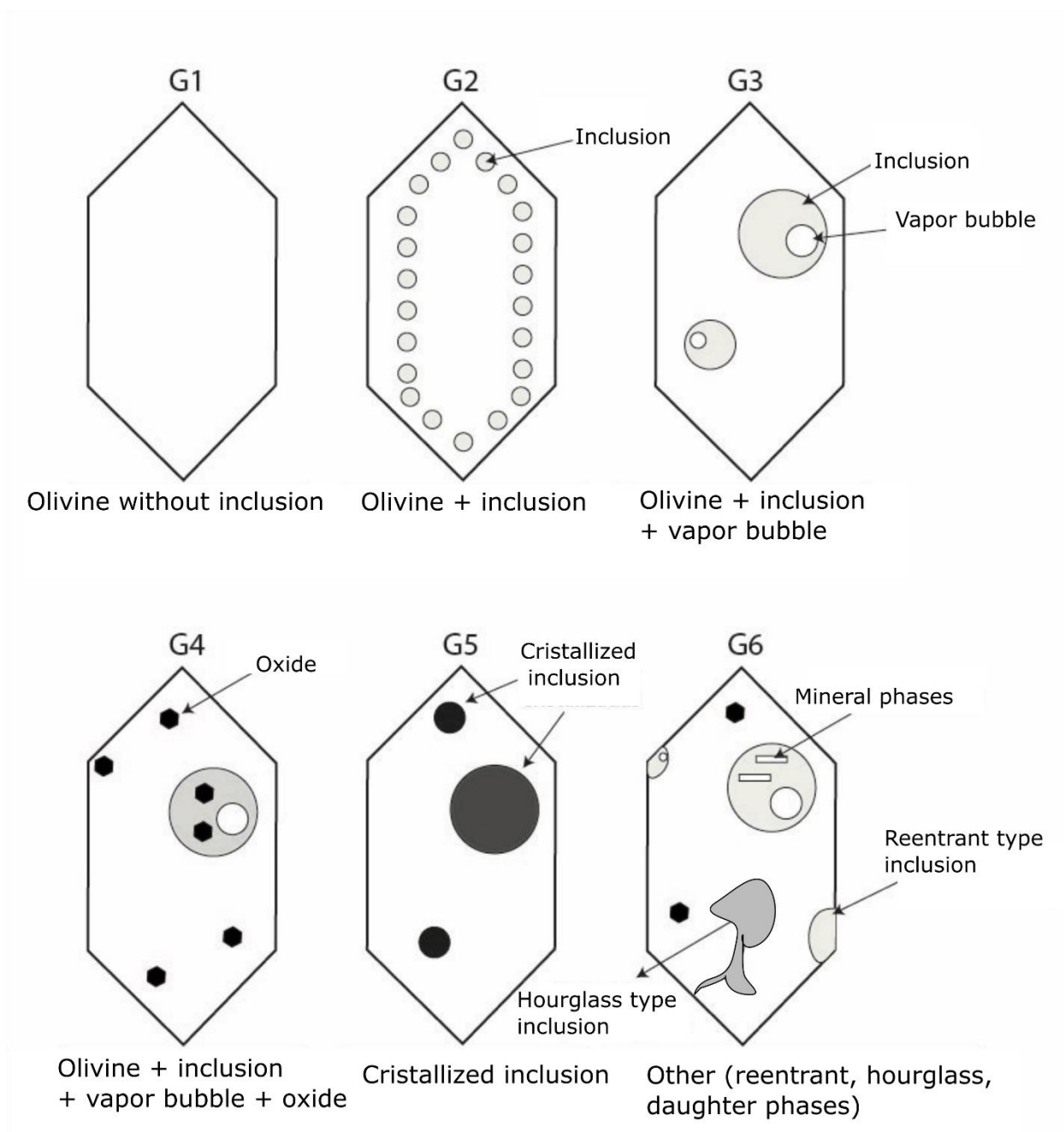
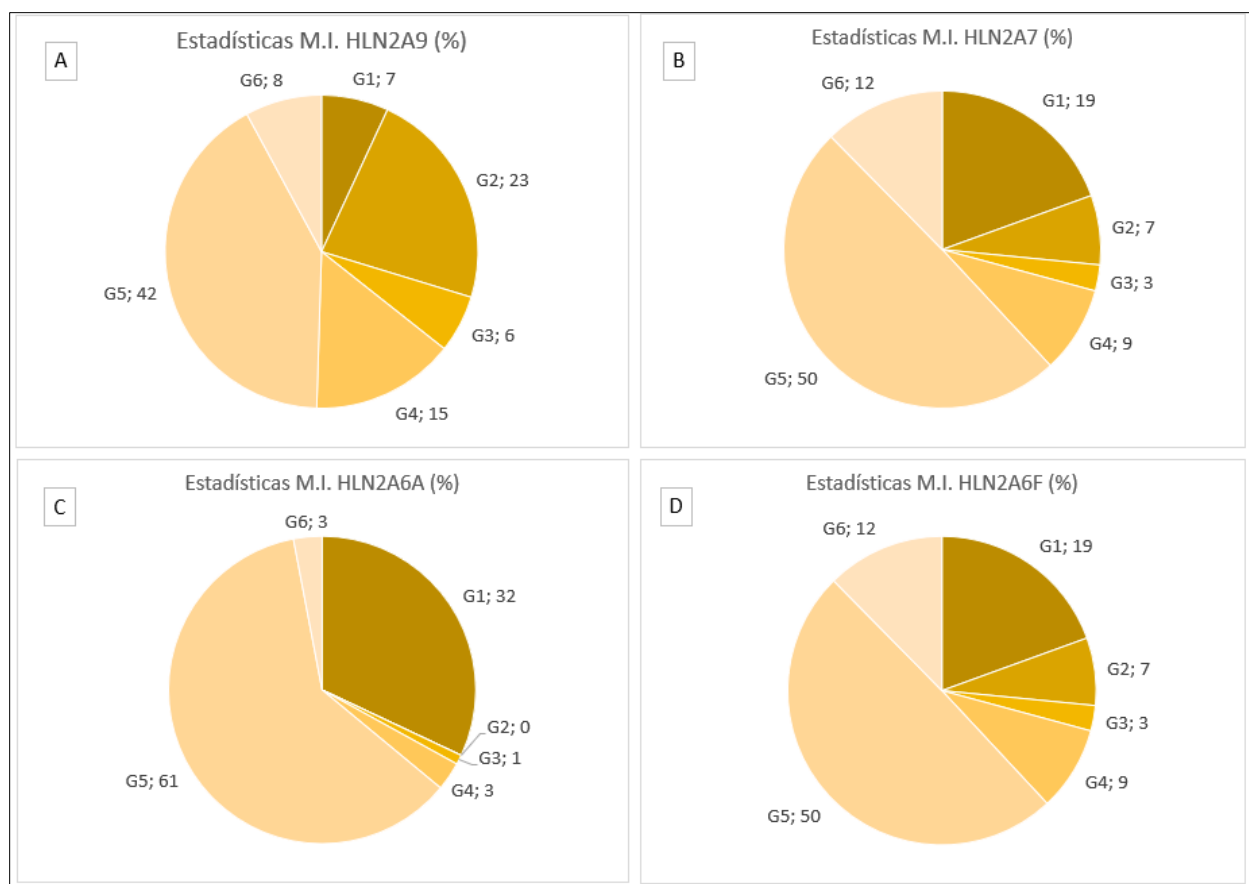


**Figure S3: Melt inclusion populations in Olivines**



**Figure S3a. Melt inclusion populations in Olivines according to method of Robidoux et al. (2018).** (G1) Olivine without inclusion, (G2) Olivine with closed inclusion, (G3) Olivine with closed inclusion and bubble, (G4) Olivine with inhomogeneous bubble (oxides + bubbles), (G5) Olivine with crystallized inclusion and (G6) others (referring to reentrant, hourglass or mineral phase inclusions in the inclusion). Modified from Pasten thesis work (2018) [1]. See [2] for method description.



**Figure S3b. Melt inclusion population statistics in Olivines according to Robidoux et al. (2018).**

## References

- [1] Pasten, D. Relación entre estilos de desgasificación y eruptivos en los centros eruptivos menores Los Nevados, Andes del Sur, Memoria entregada a la Universidad Mayor en cumplimiento de los requisitos para optar al Título de Geóloga, Bsc. Thesis, Universidad Mayor, Escuela de Geología, Santiago, 2018, 162 p.
- [2] Robidoux, P., Frezzotti, M. L., Hauri, E. H., & Aiuppa, A. (2018). Shrinkage Bubbles: The C–O–H–S Magmatic Fluid System at San Cristóbal Volcano. *Journal of Petrology*, 59(11), 2093-2122.