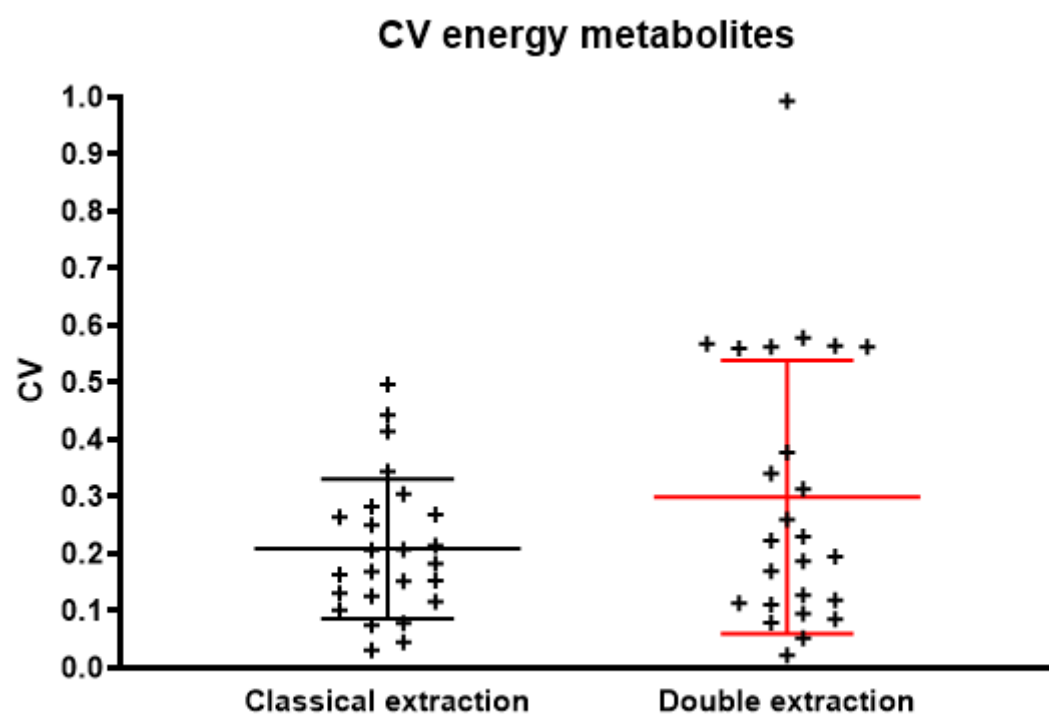
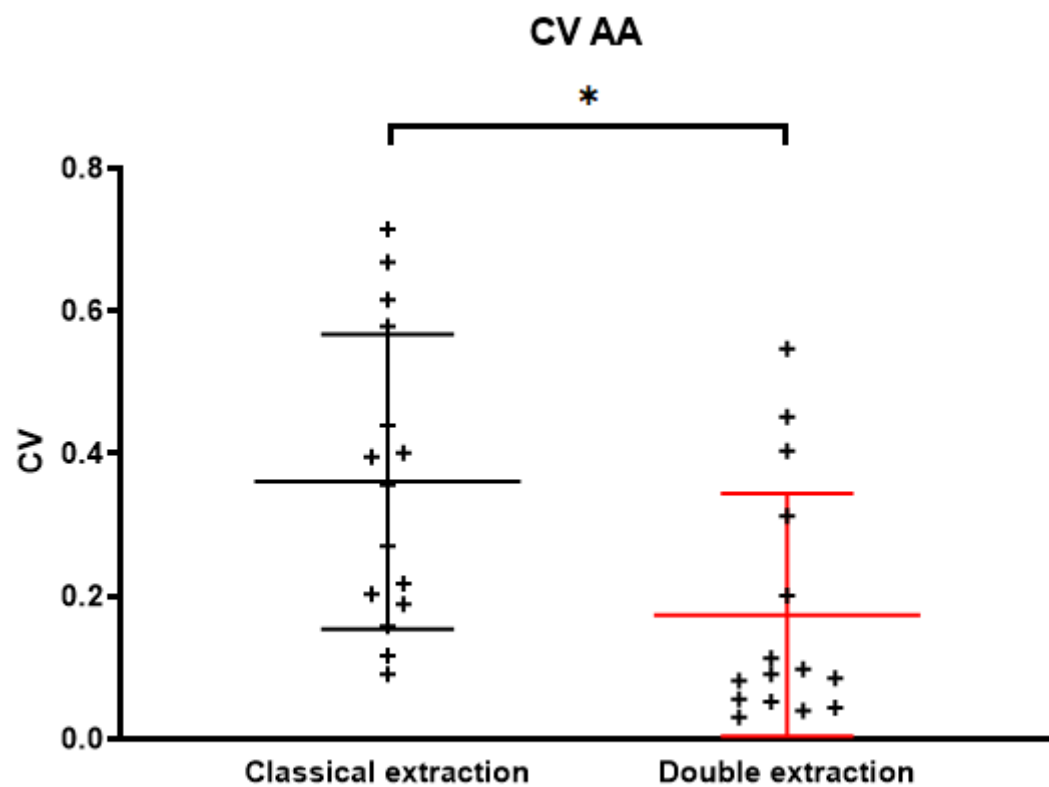
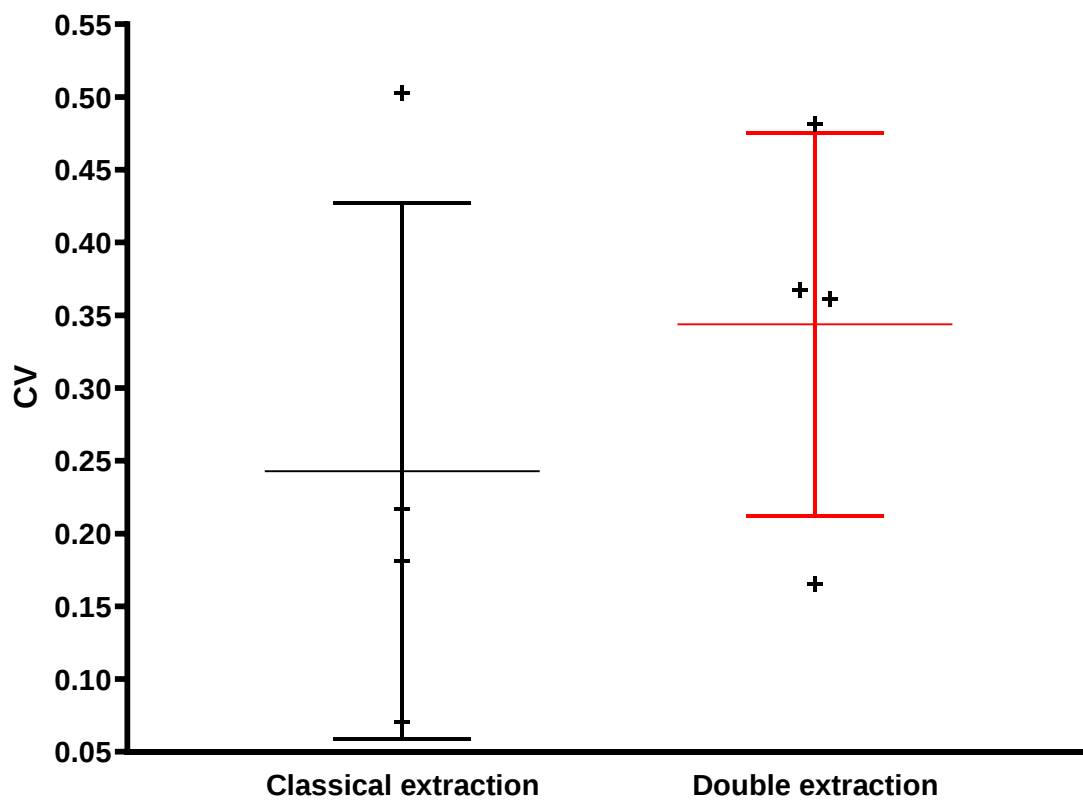
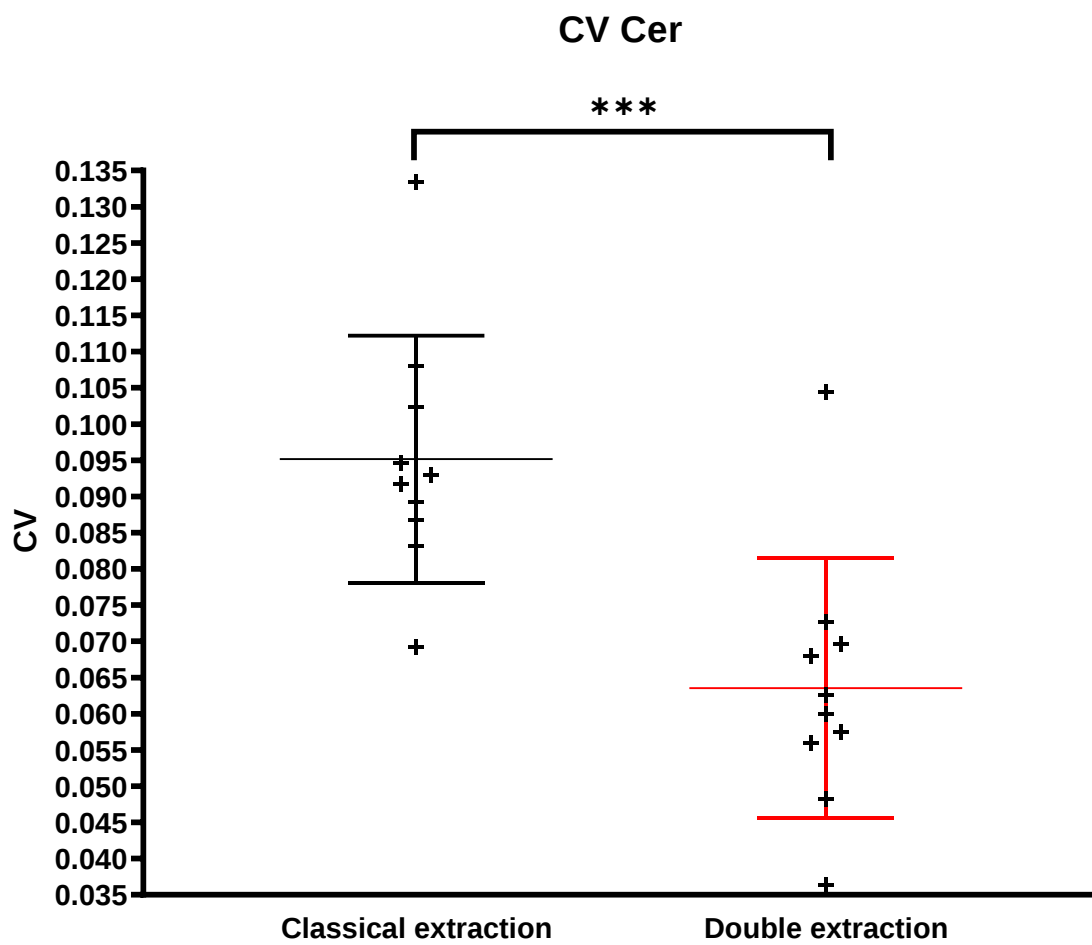


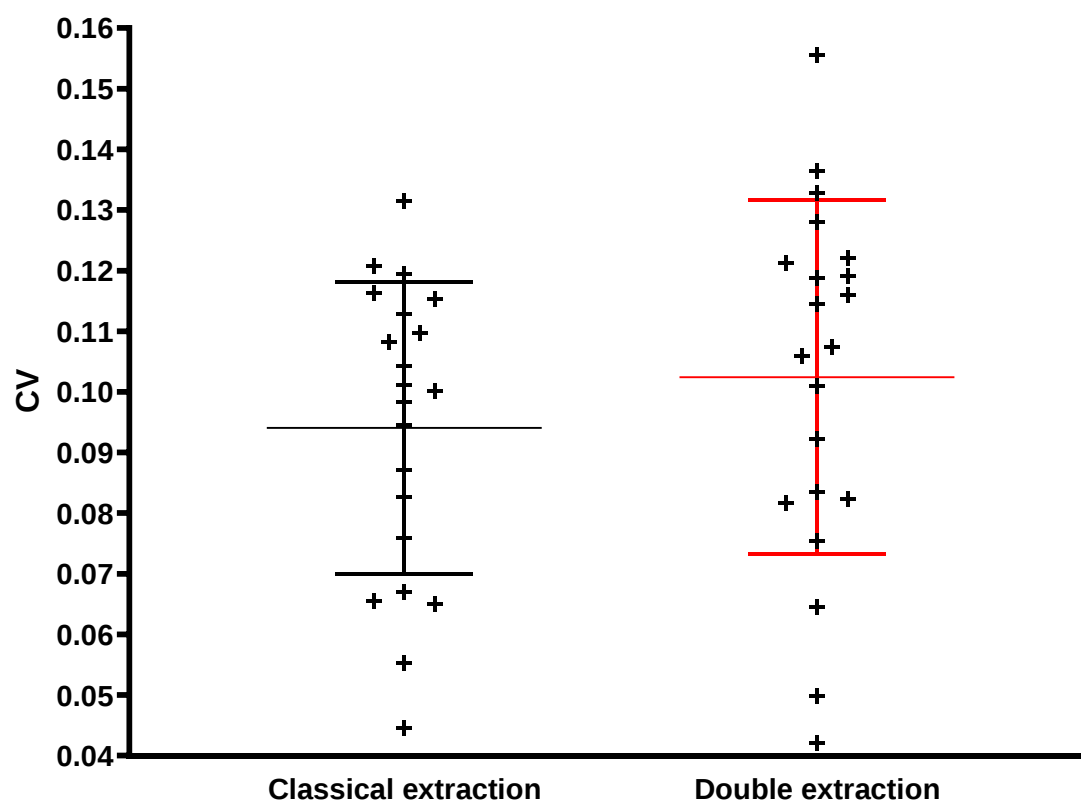


## CV TG

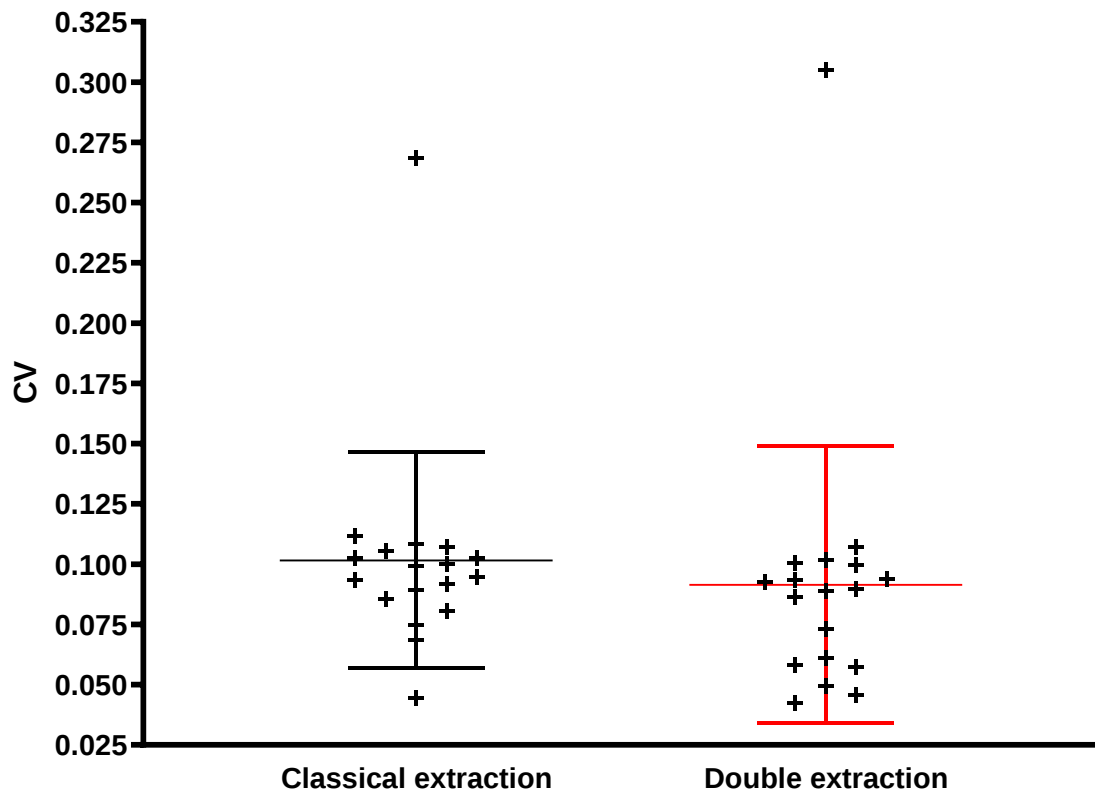


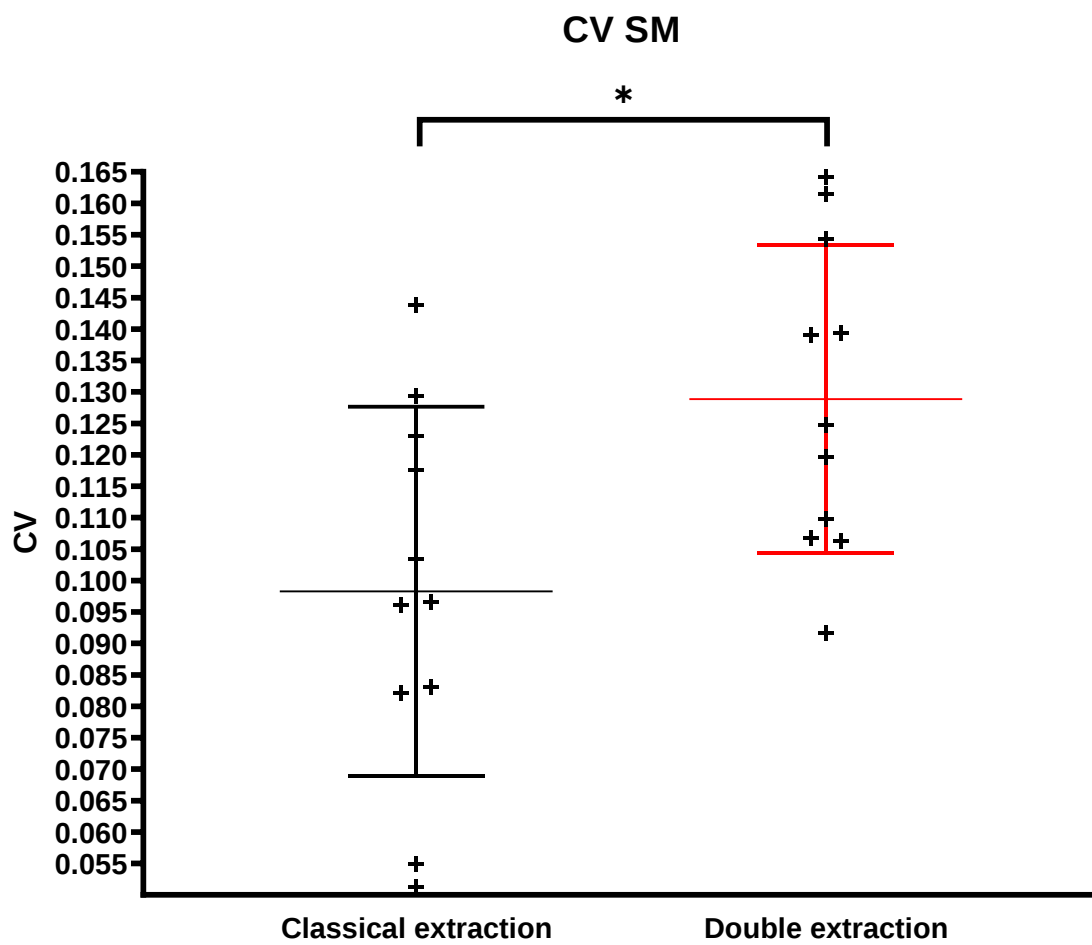


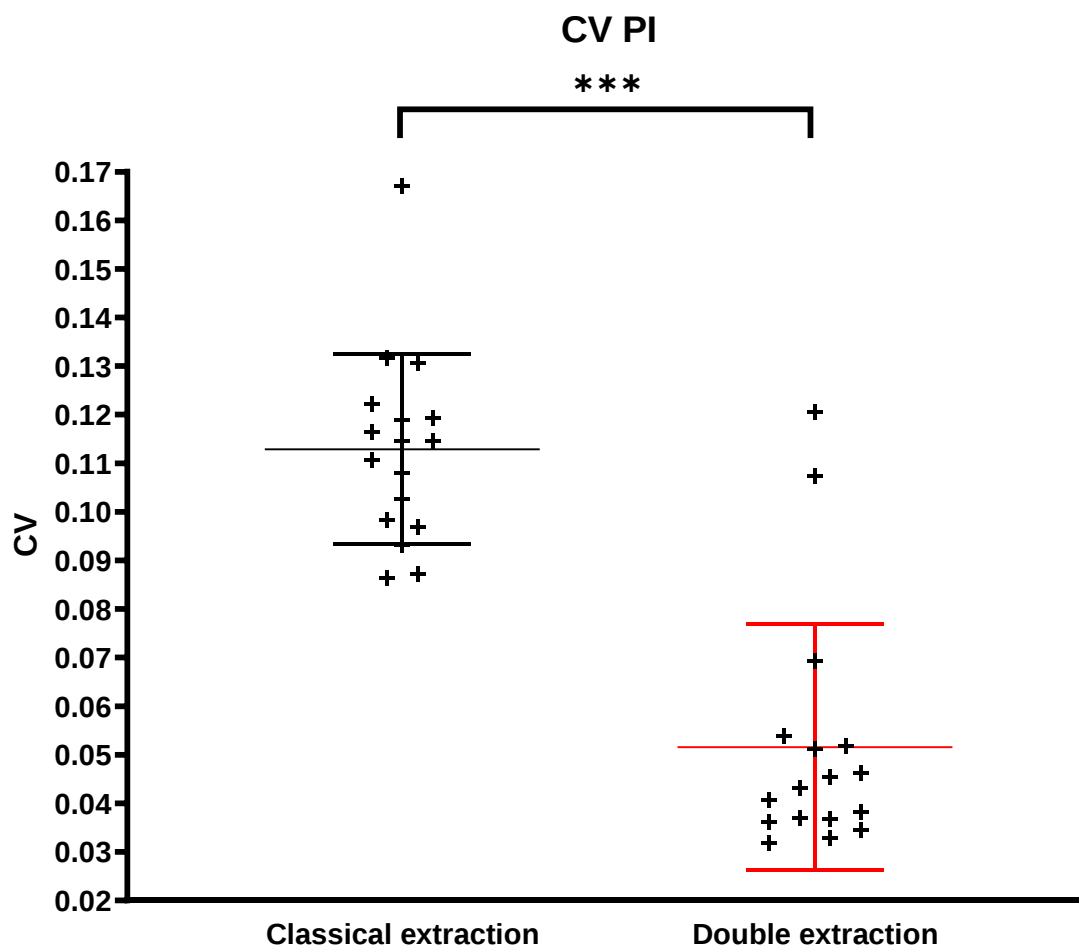
# CV PC



# CV PE







**Figure S2.** Comparison of the coefficients of variations (CV) obtained for amino acids (AA), energy metabolites, triglycerides (TG), ceramides (Cer), phosphocholine (PC), phosphatidylethanolamine (PE), sphingomyelins (SM) and phosphoinositols (PI) between classical and double extraction methods. Each point represent CV obtained for a specific molecule (n=5). Bars represent mean  $\pm$  SD. t-tests were performed for each class of metabolites and lipids (\*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$ ).