

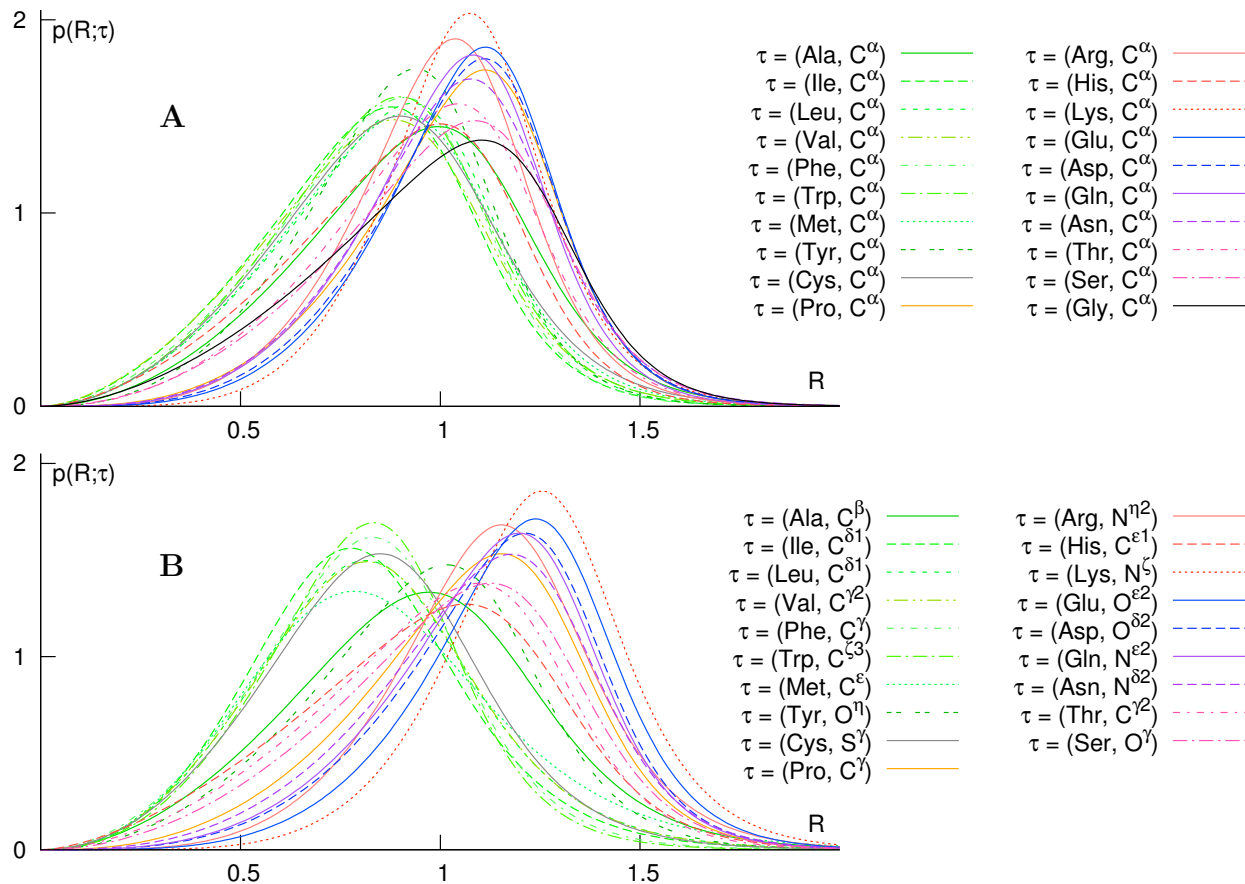


Figure S3. Distributions of central distances of C^α (**A**) and distal side chain atoms (**B**) of all amino acids. Curves for amino acids with hydrophobic side chains are green, polar charged – red and blue, polar uncharged – pink and violet.