

Figure 1: Distribution of the (C1'-P-C1') (left) and (P-C1'-P) (right) angle for RNA and DNA corresponding to Table 4. See section 3 for details about the parameters $\bar{\alpha}$ and ρ . 1J5E is the PDB-ID of the 30S ribosomal subunit determined at 3.05 Å resolution and shown for comparison with the RNA histograms.

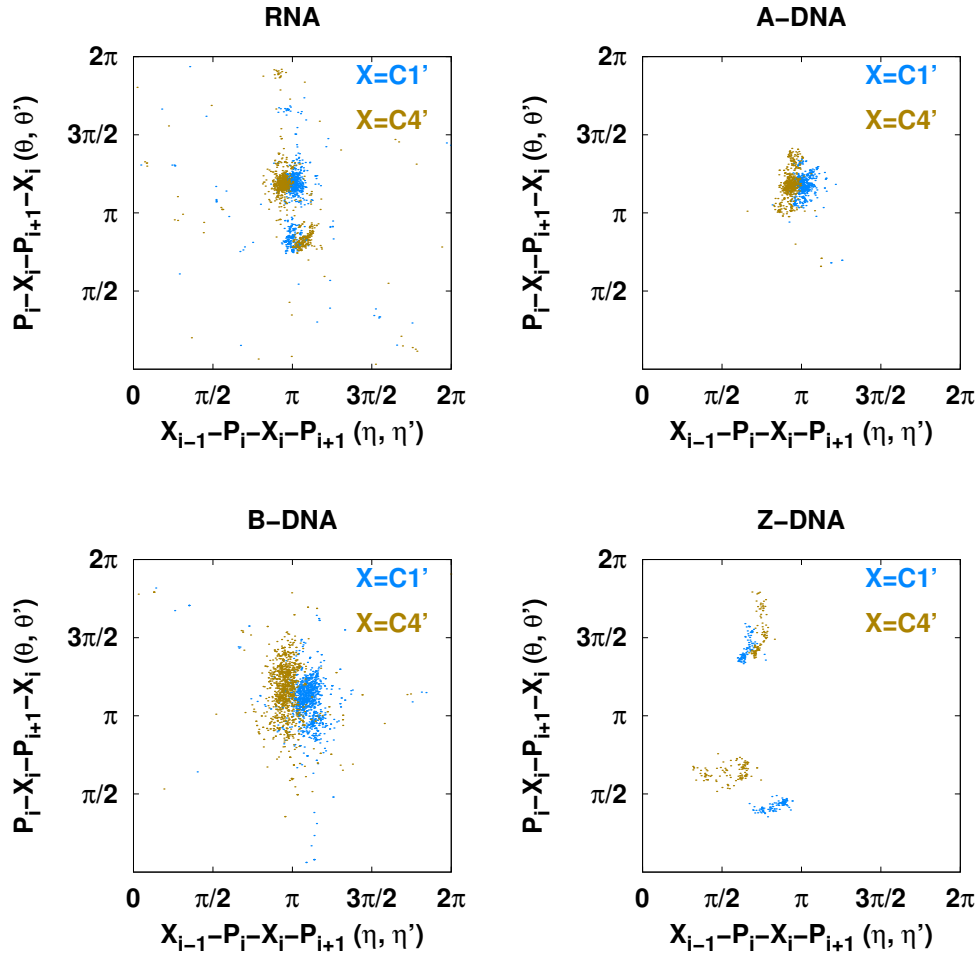


Figure 2: Comparison between the η, θ plot based on $C4'$ (brown) suggested by Wadley *et al.* (2007) and the η', θ' plot based on $C1'$ (blue). It can be seen in each plot that the distribution based in $C1'$ is similar to the distribution based on $C4'$, especially with respect to the spread. These distributions can be used to score the quality of a backbone trace.