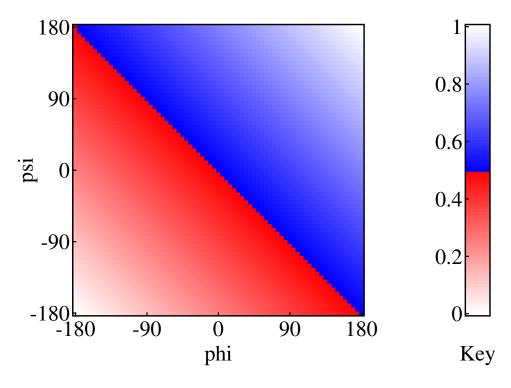
The mapping of  $(\phi, \psi) \to \text{Ramachandran number } \mathcal{R}$  and  $\mathcal{R}_s$  Scale: Ramachandran number  $\mathcal{R} \in [0, \dots, 1]$ 



Scale: signed Ramachandran number  $\mathcal{R}_s \in [-1, \dots, 1]$ 

