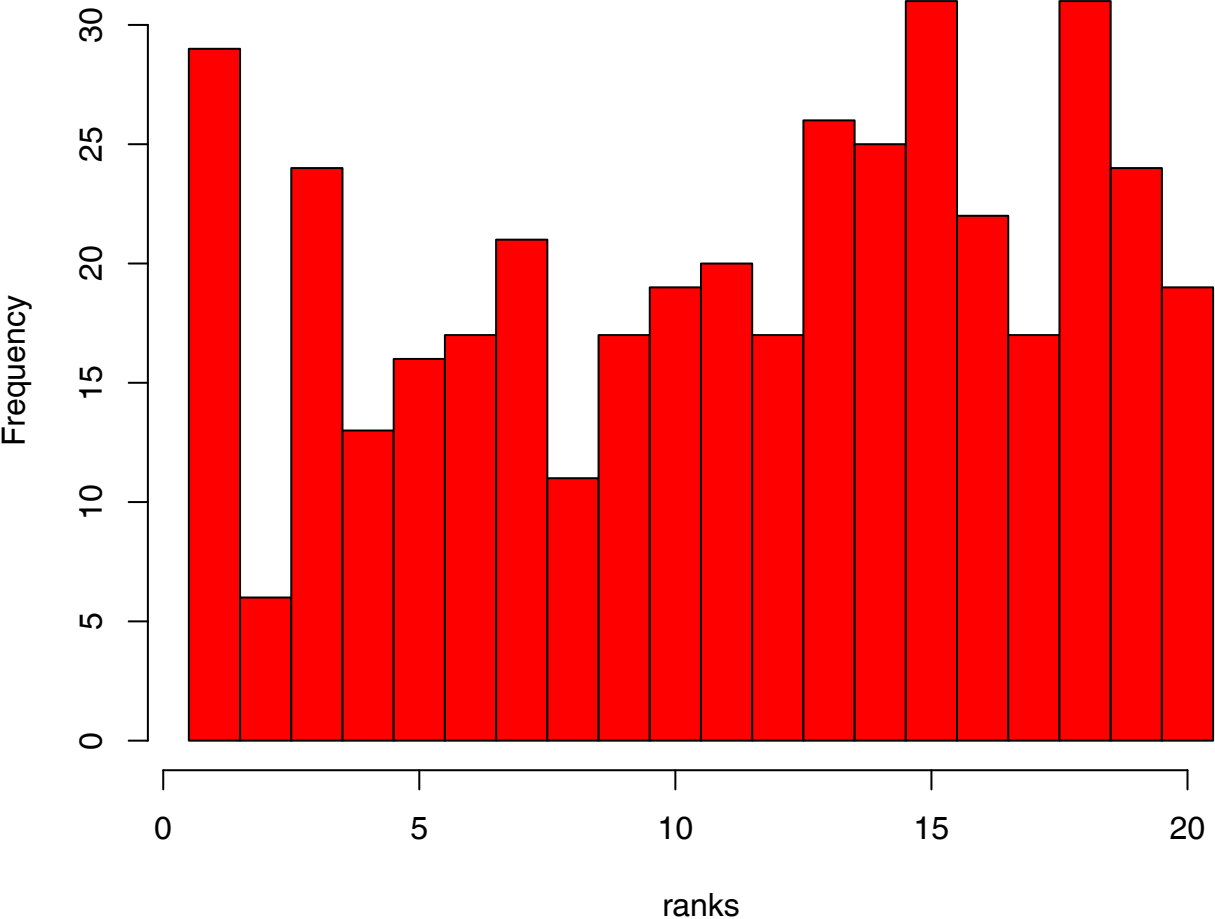**(a) Rank histogram for all proxy−based data in prior ensemble**

(b) Leave one out validation results