

Allele frequencies of 115 SNP markers screened for 36 populations in 9 fine-scale regional groupings

The following plots of frequencies for the first alphabetical allele (A, C, G, T) for the 36 ‘Backbone’ populations denote fine-scale reporting group membership (Table 1) by symbol and color. Individual loci are ordered alphabetically, except for the combined mtDNA and MHC markers, which are at the end. Population numbers correspond to those in Table 1 and Figure 1 and are ordered geographically (generally clockwise West to East). A smoothed lowess curve was fitted to the estimates of allele frequency for each population. Note that the y-axis scale varies.

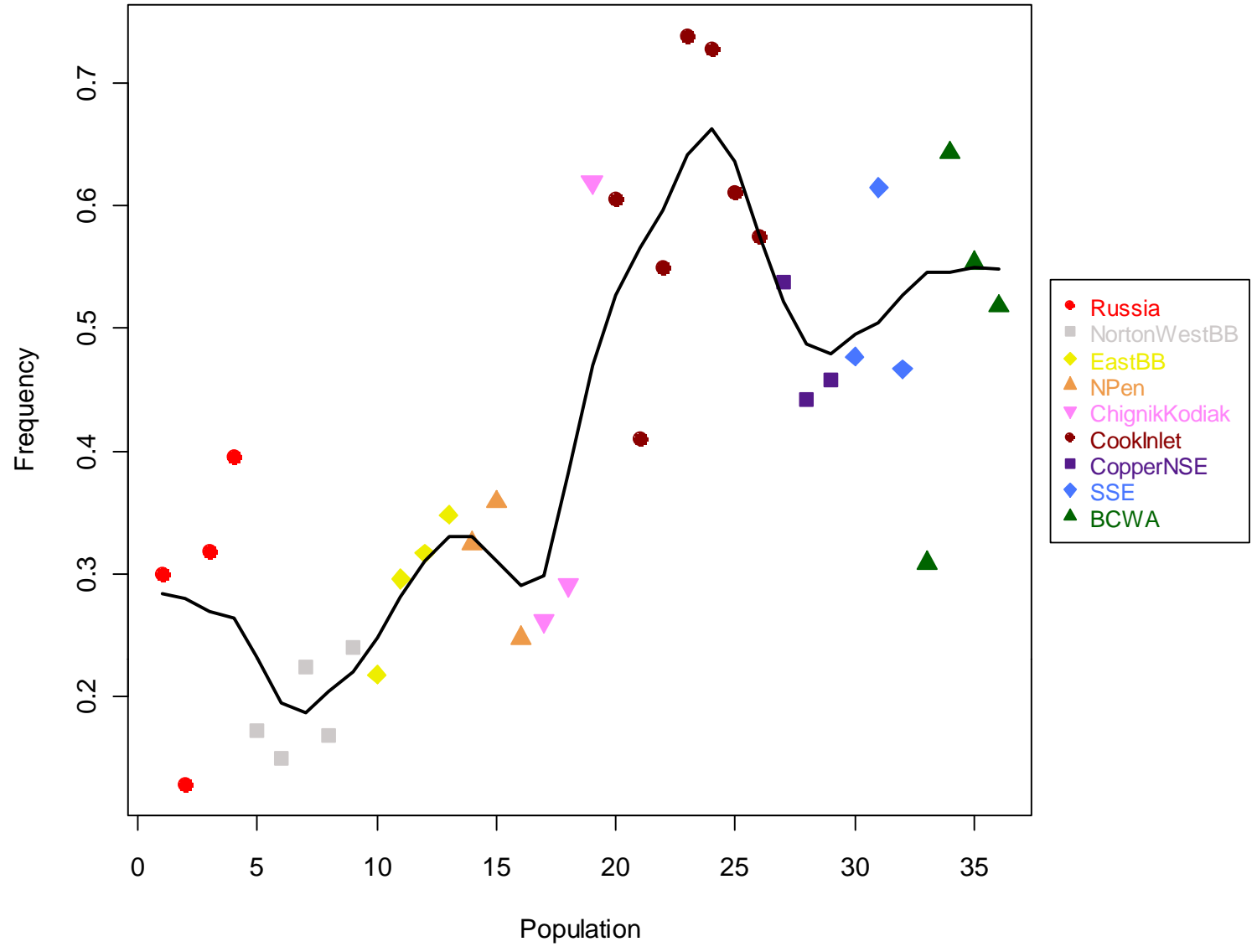
Haplotype/phenotype frequencies are plotted for the combined mtDNA and MHC markers rather than for each SNP independently. For these figures, the size of the dot represents frequency (i.e., larger dots represent higher frequency).

Note that the following 9 markers are not included:

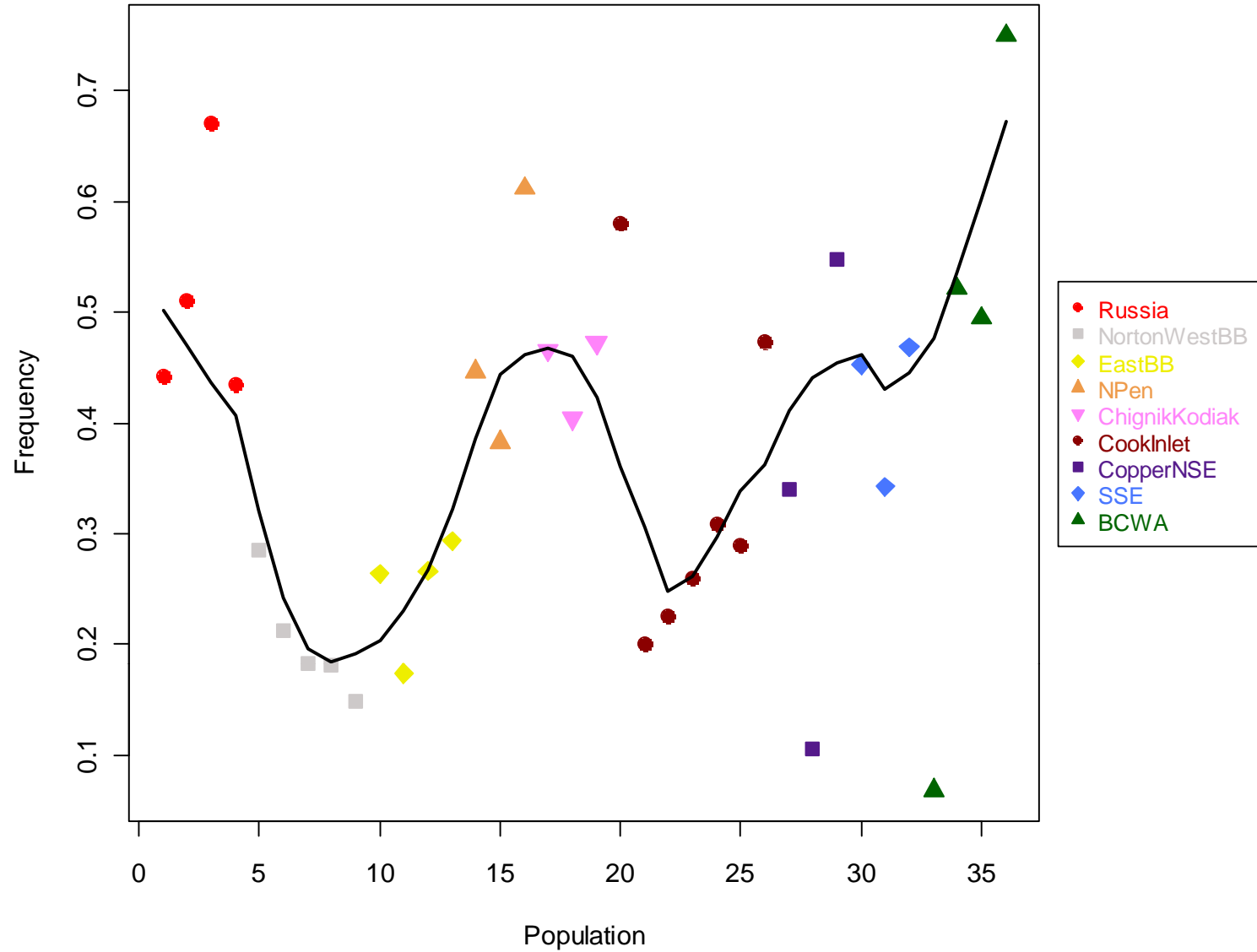
<u>SNP</u>	<u>Cause for removal</u>
<i>One_ALDOB-135</i>	Linkage
<i>One_bckB-137</i>	Fixation
<i>One_GPH-414</i>	Linkage
<i>One_leptin-92</i>	Fixation
<i>One_parp3-170</i>	Fixation
<i>One_PPM1K-118</i>	Laboratory failure
<i>One_U1021-57</i>	Failed to conform to HWE
<i>One_U1207-231</i>	Laboratory failure
<i>One_UCA-24</i>	Laboratory failure

¹This document serves as a record of communication between the Alaska Department of Fish and Game Commercial Fisheries Division and the Western Alaska Salmon Stock Identification Program Technical Committee. As such, these documents serve diverse ad hoc information purposes and may contain basic, uninterpreted data. The contents of this document have not been subjected to review and should not be cited or distributed without the permission of the authors or the Commercial Fisheries Division.

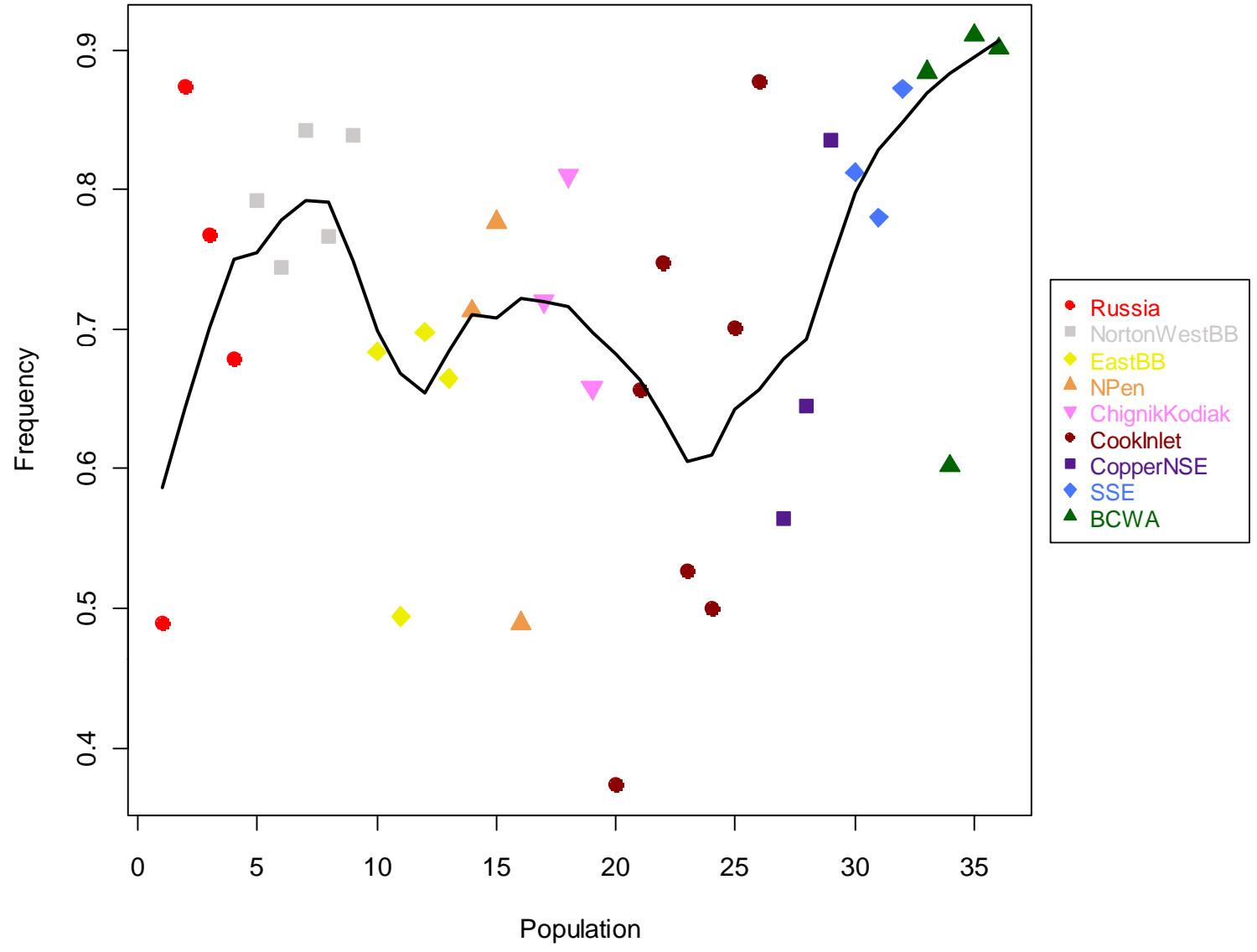
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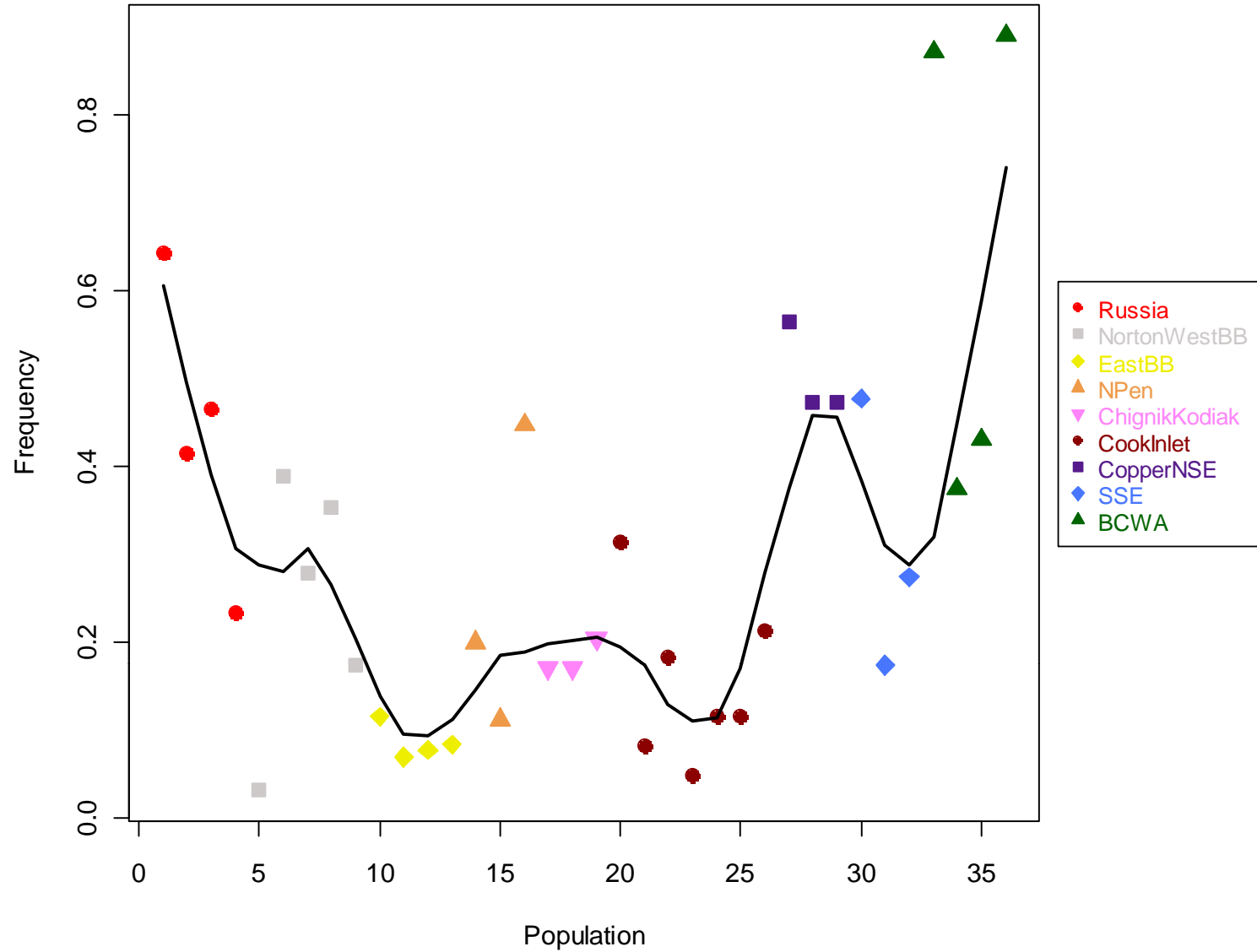
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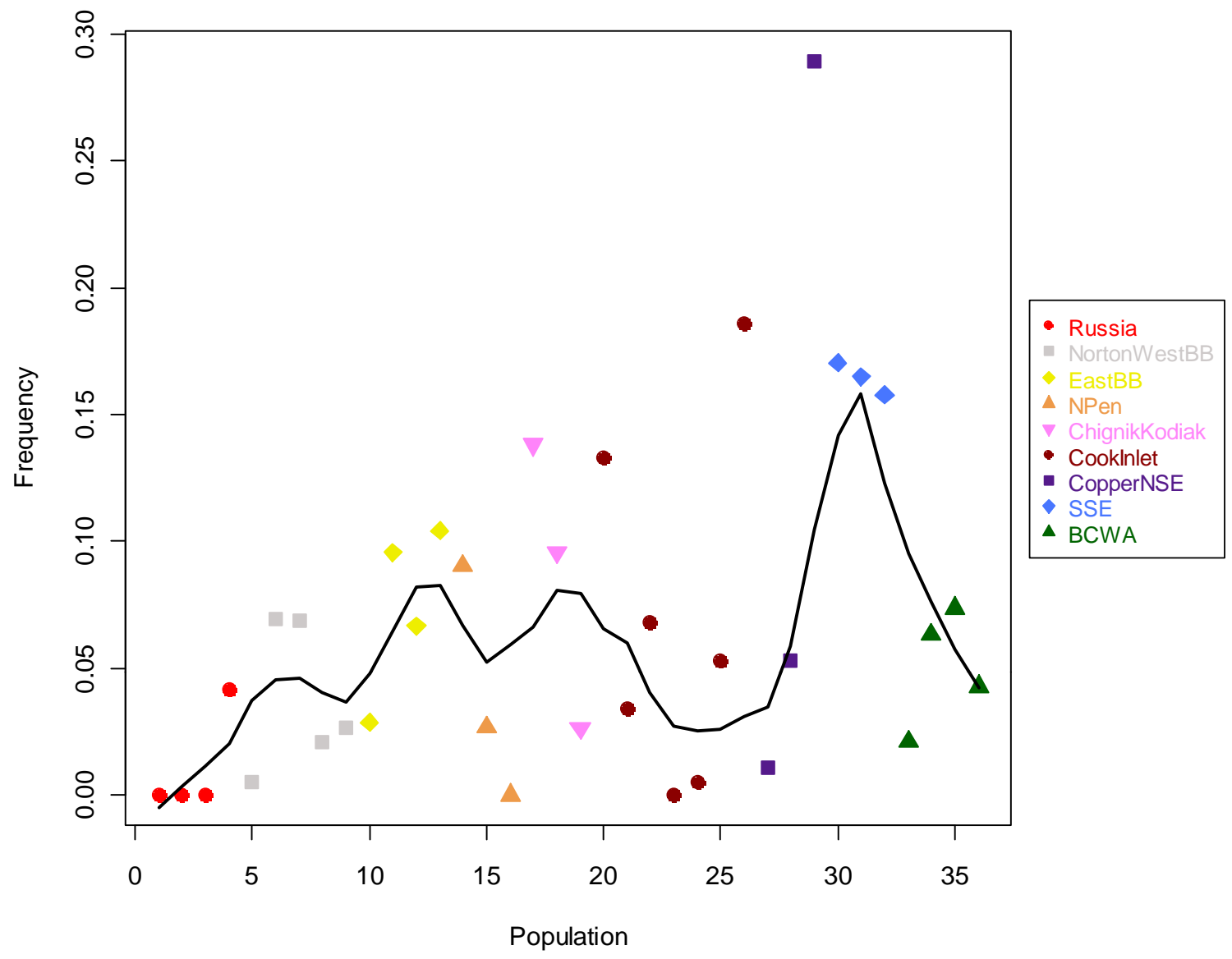
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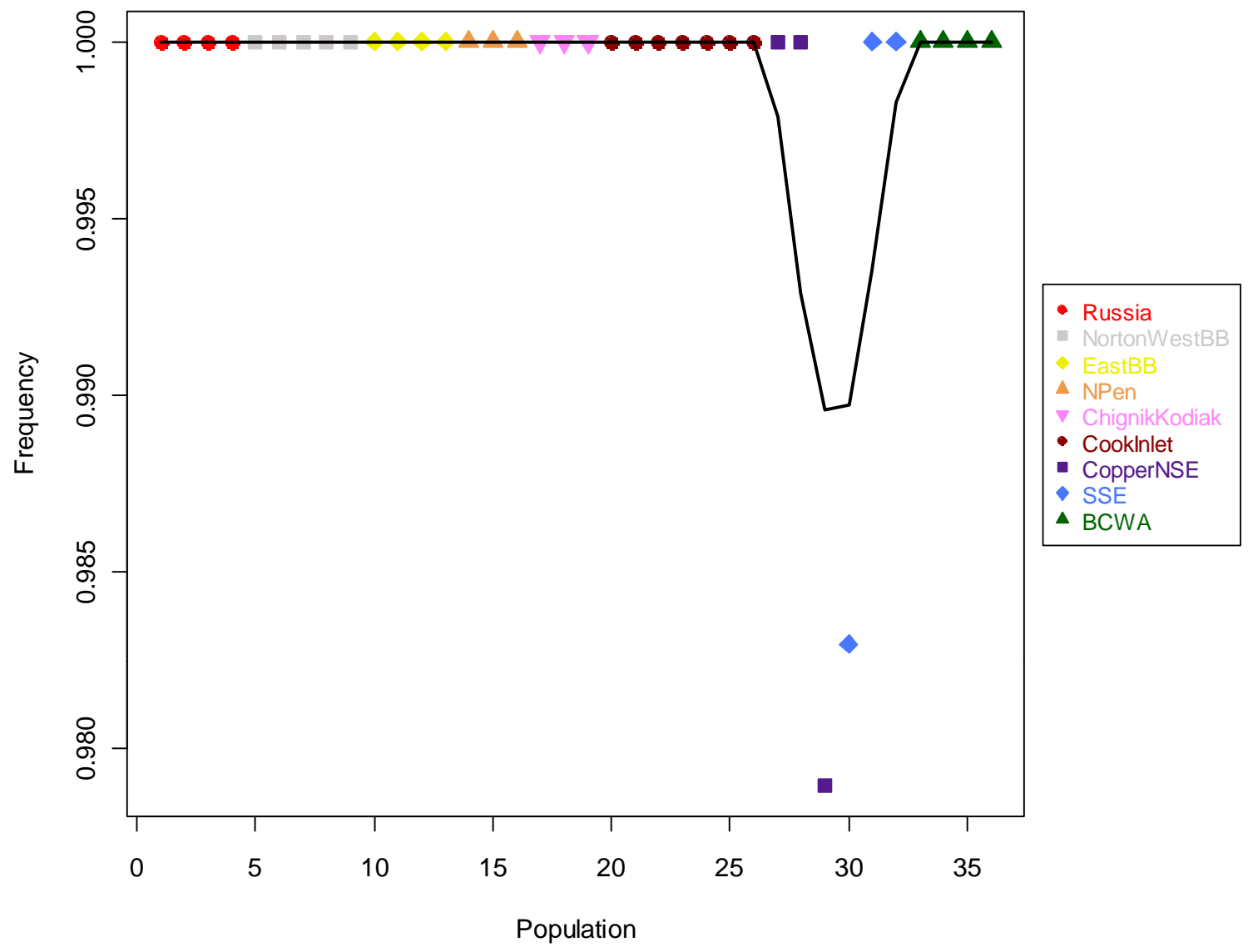
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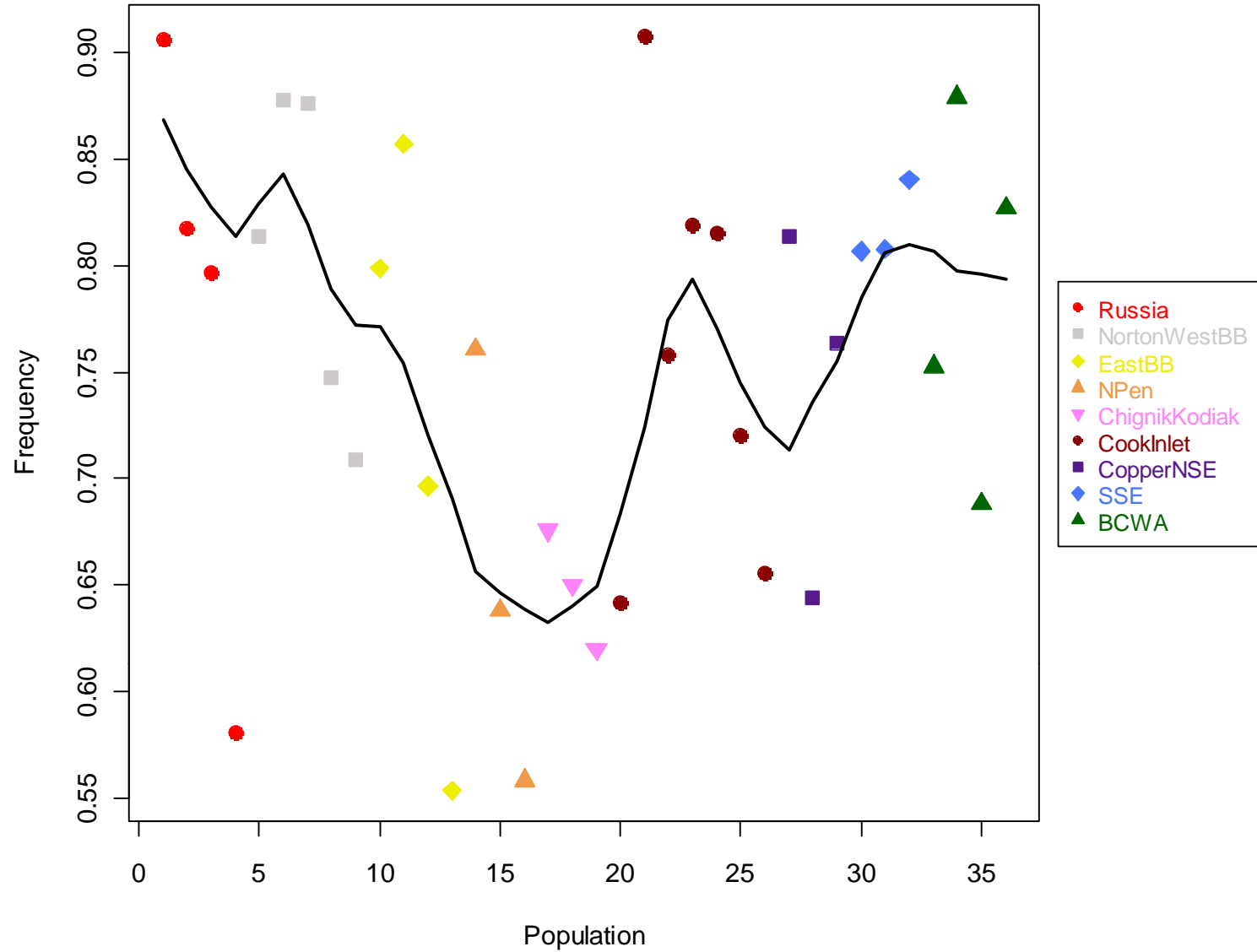
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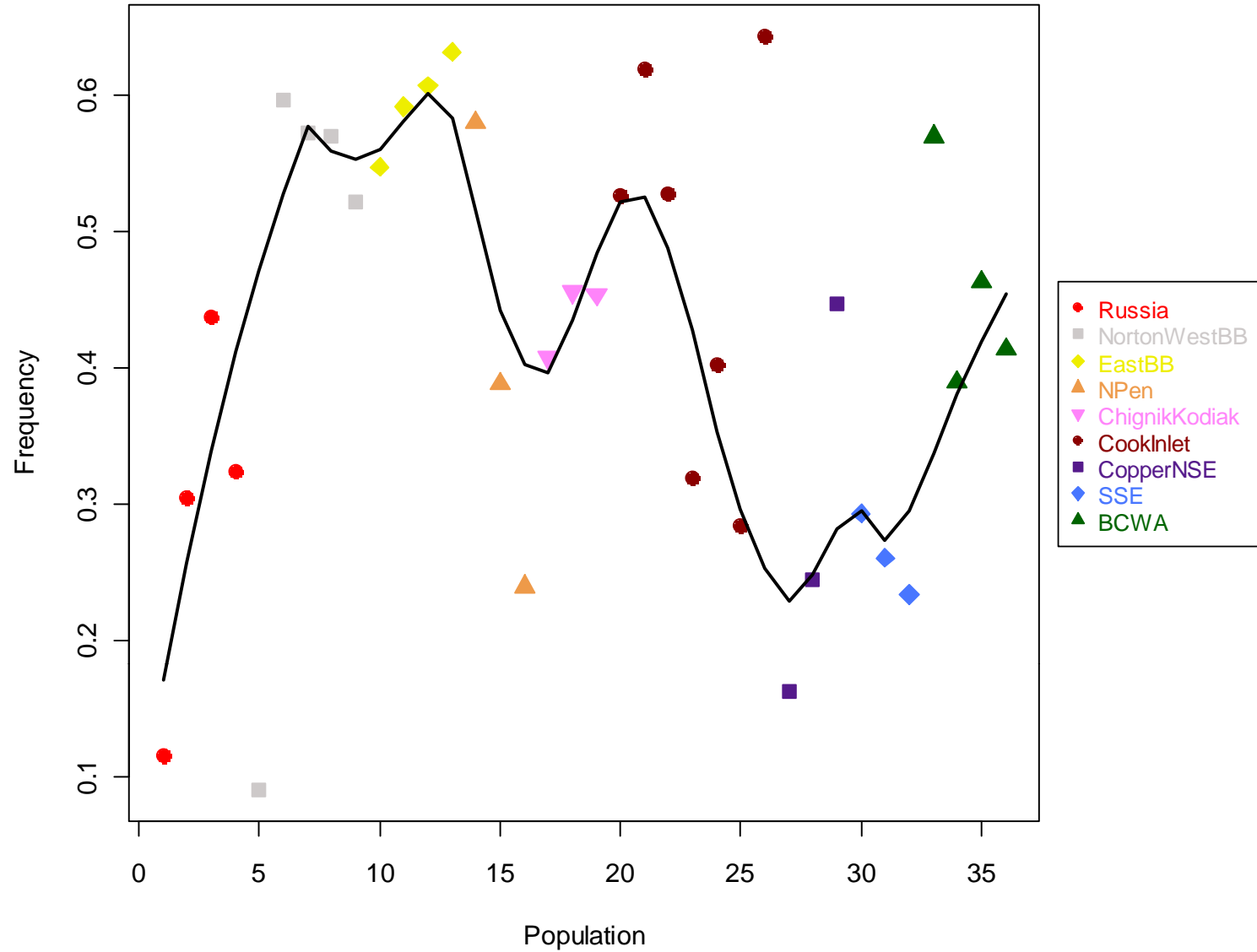
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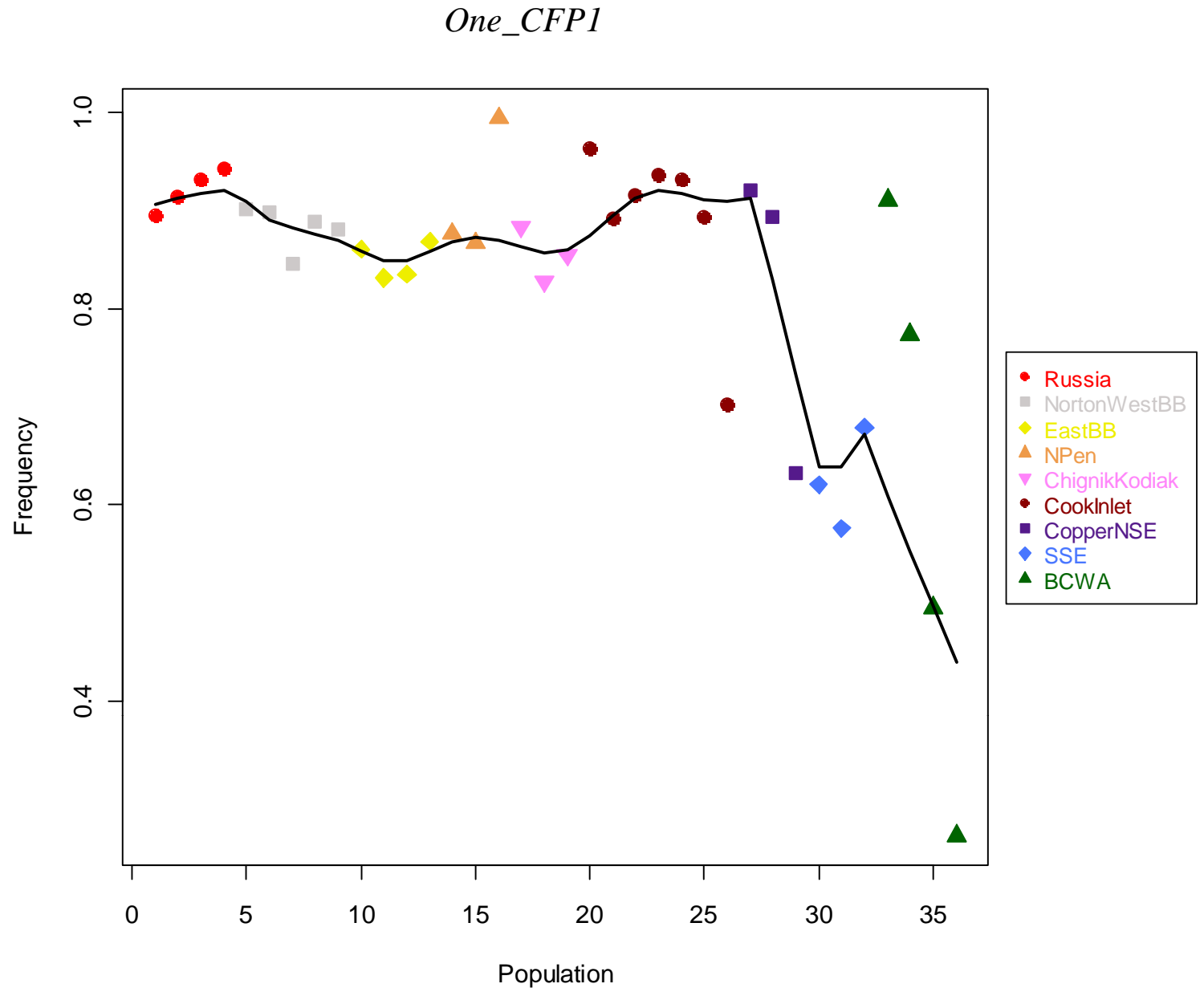


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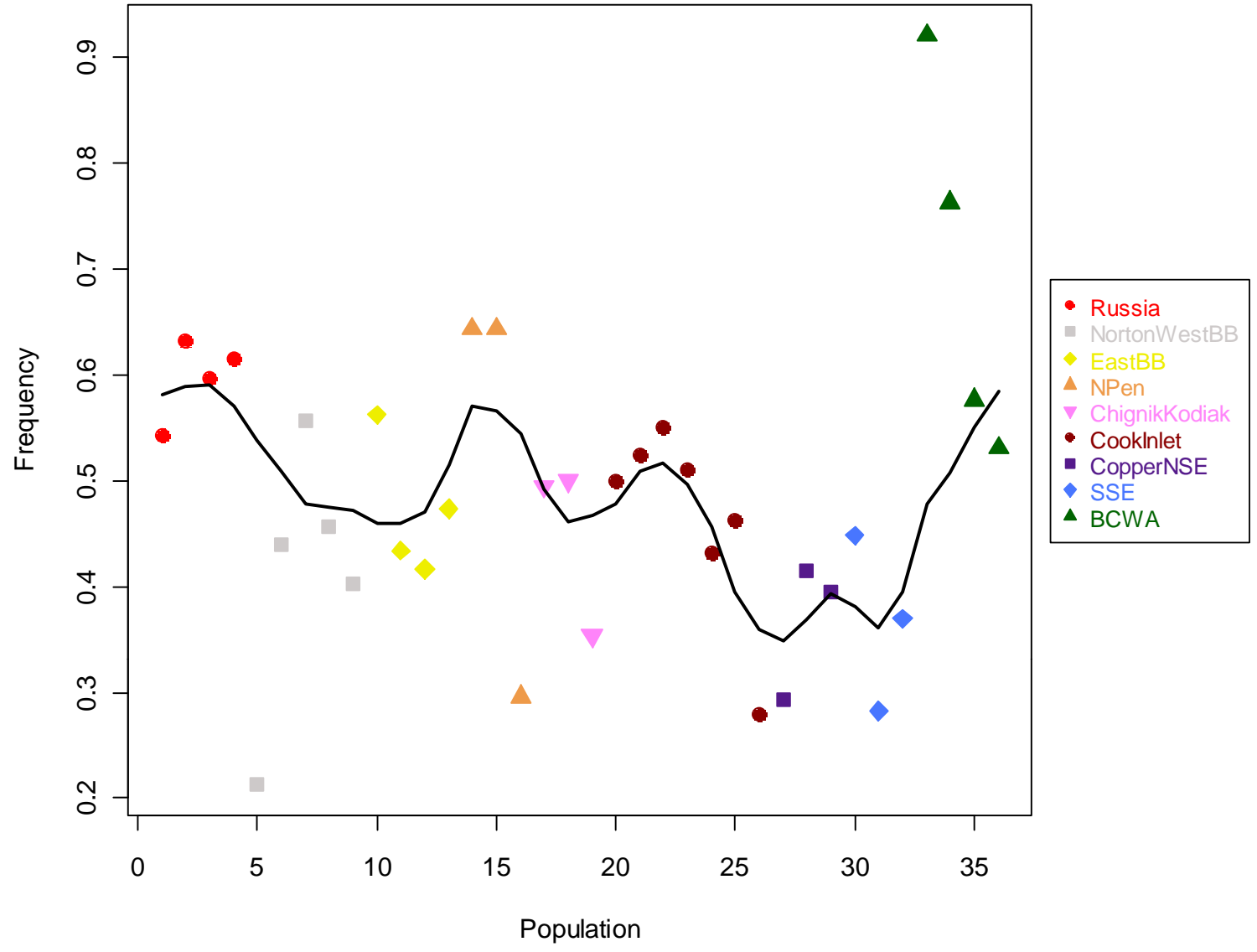


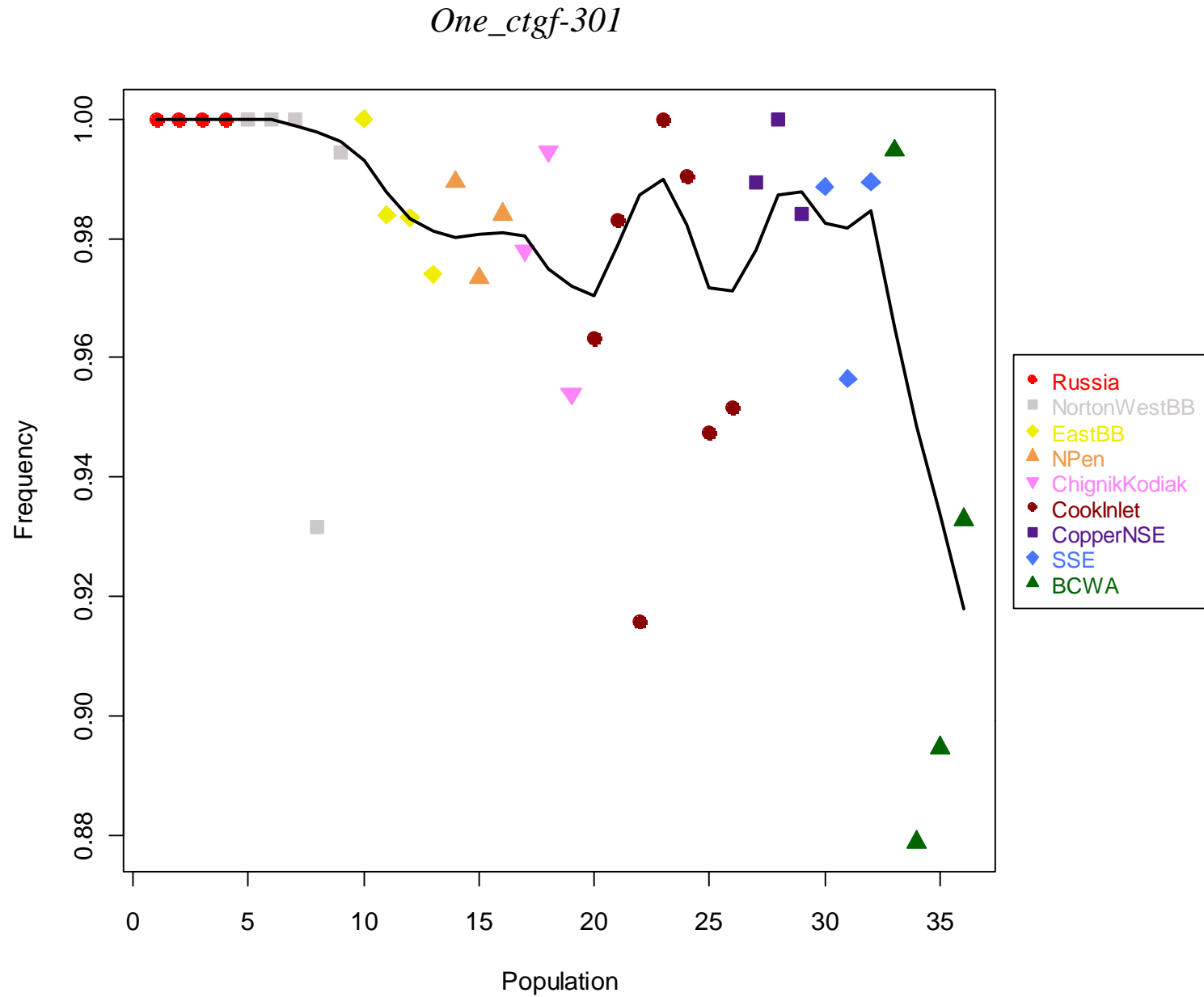
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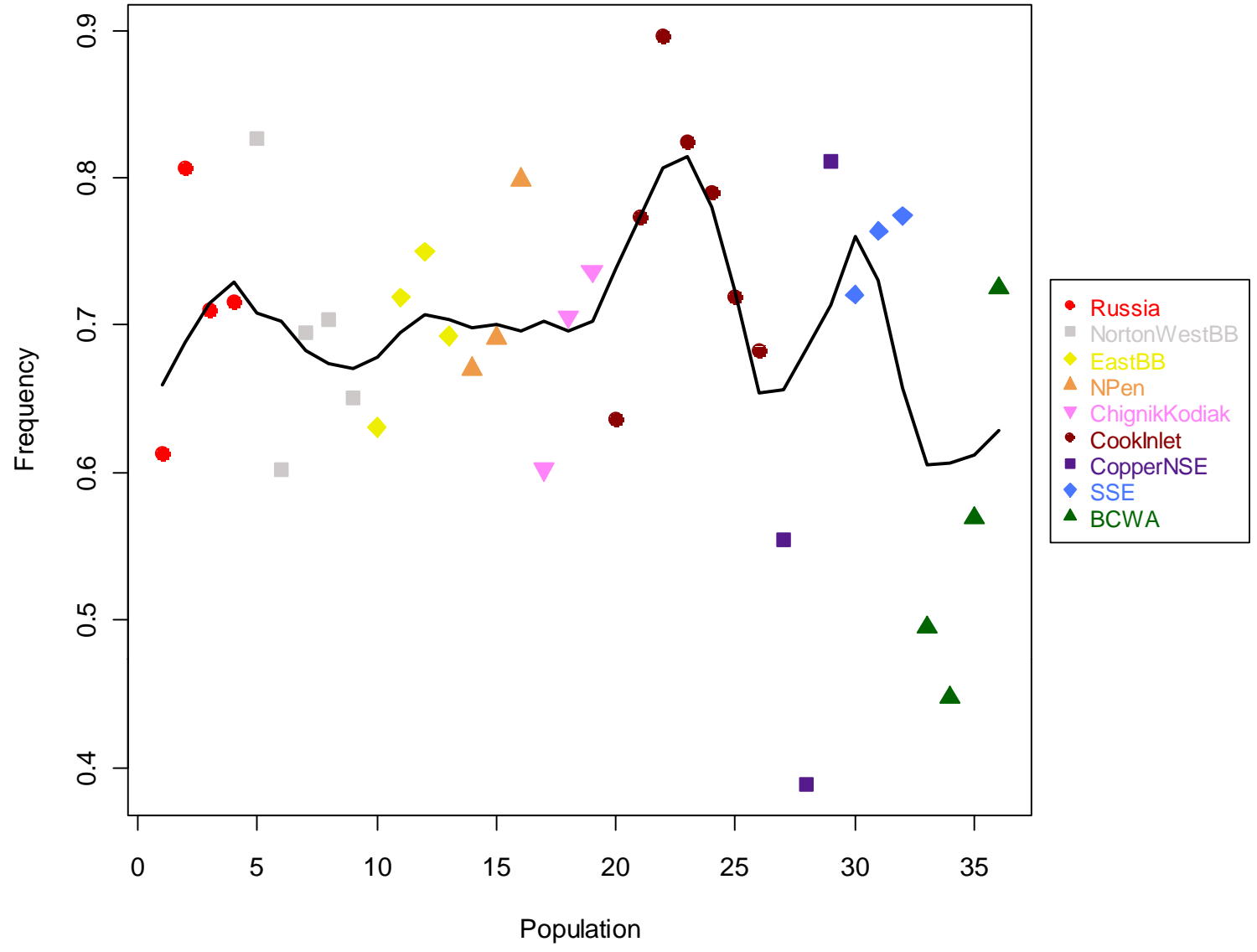


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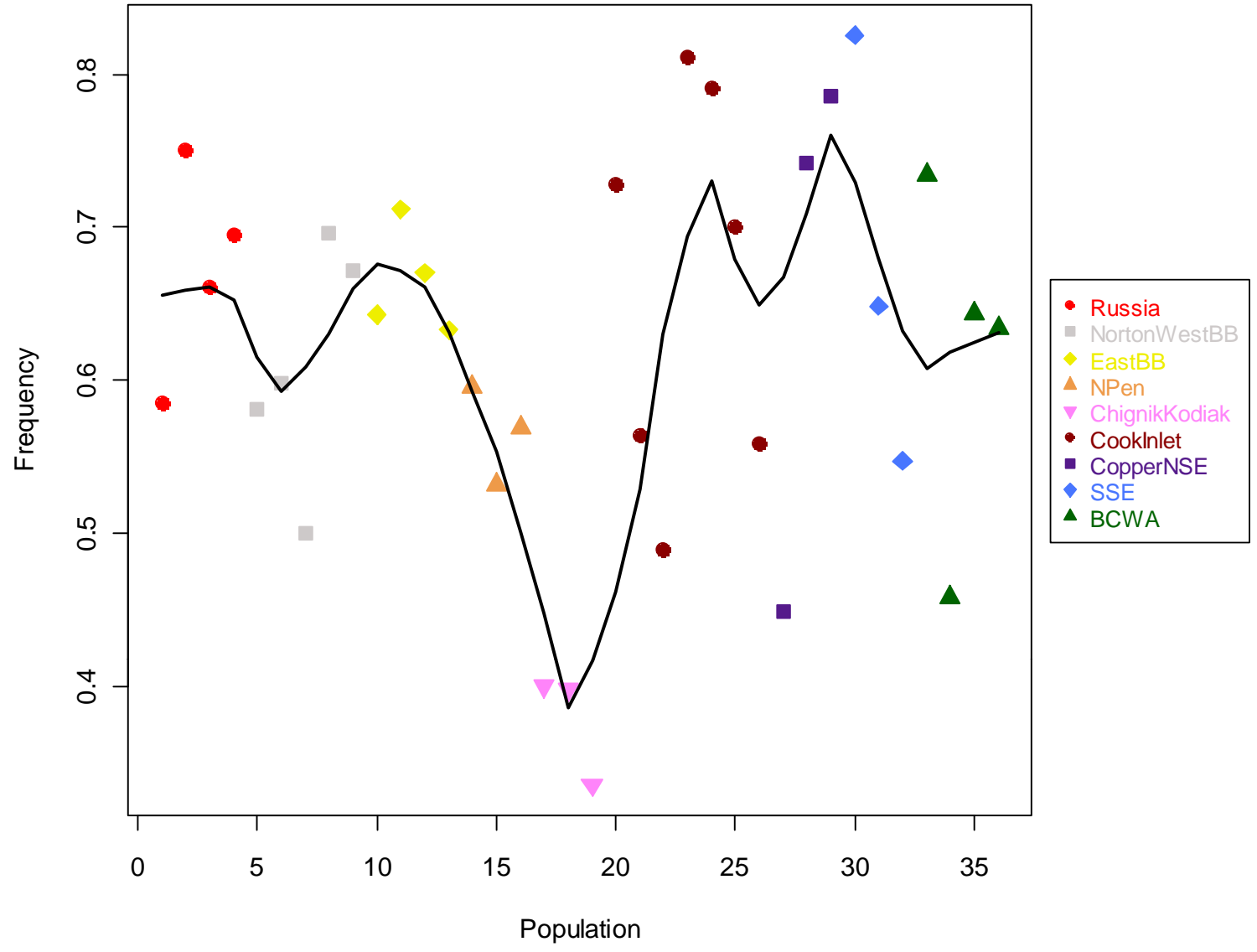




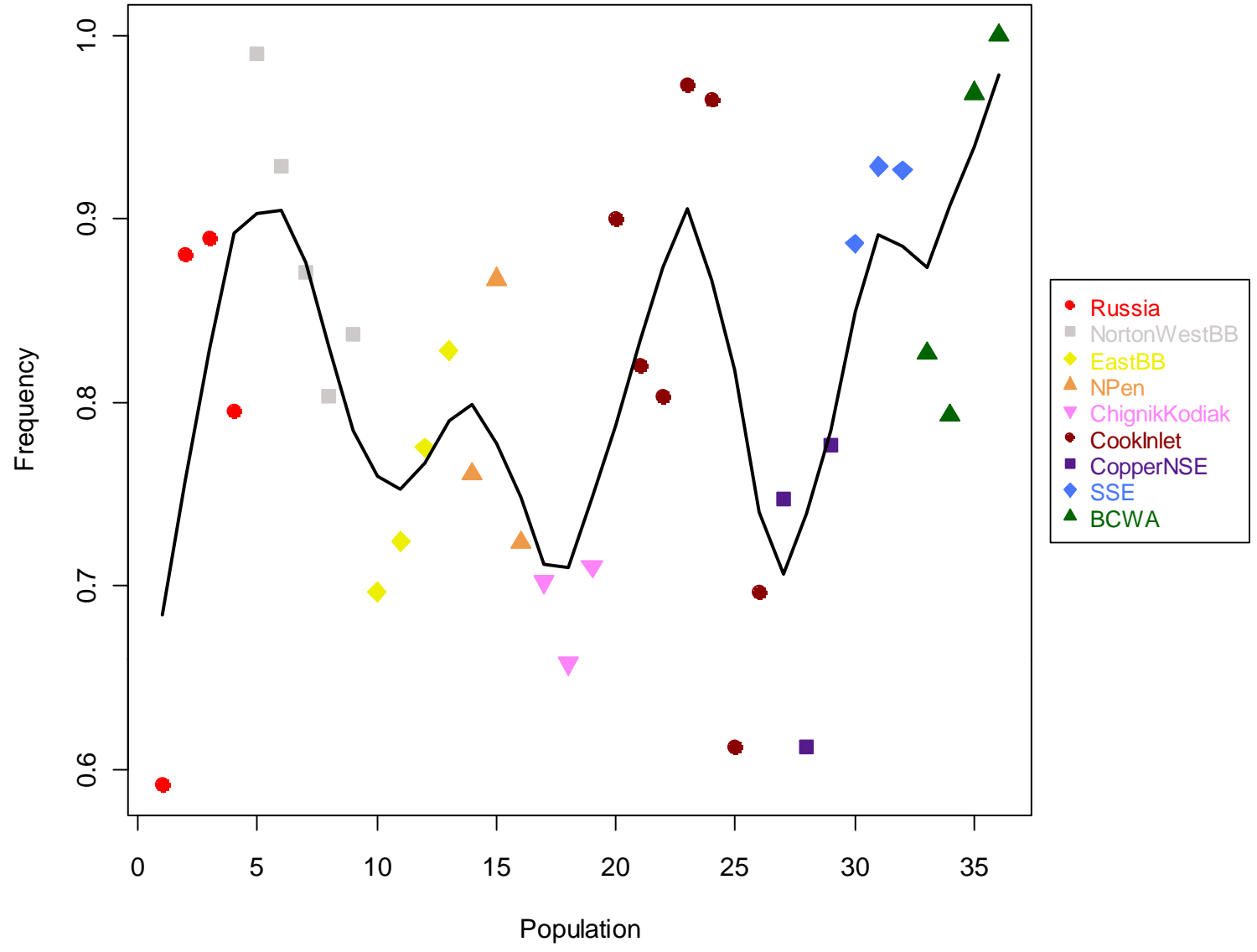
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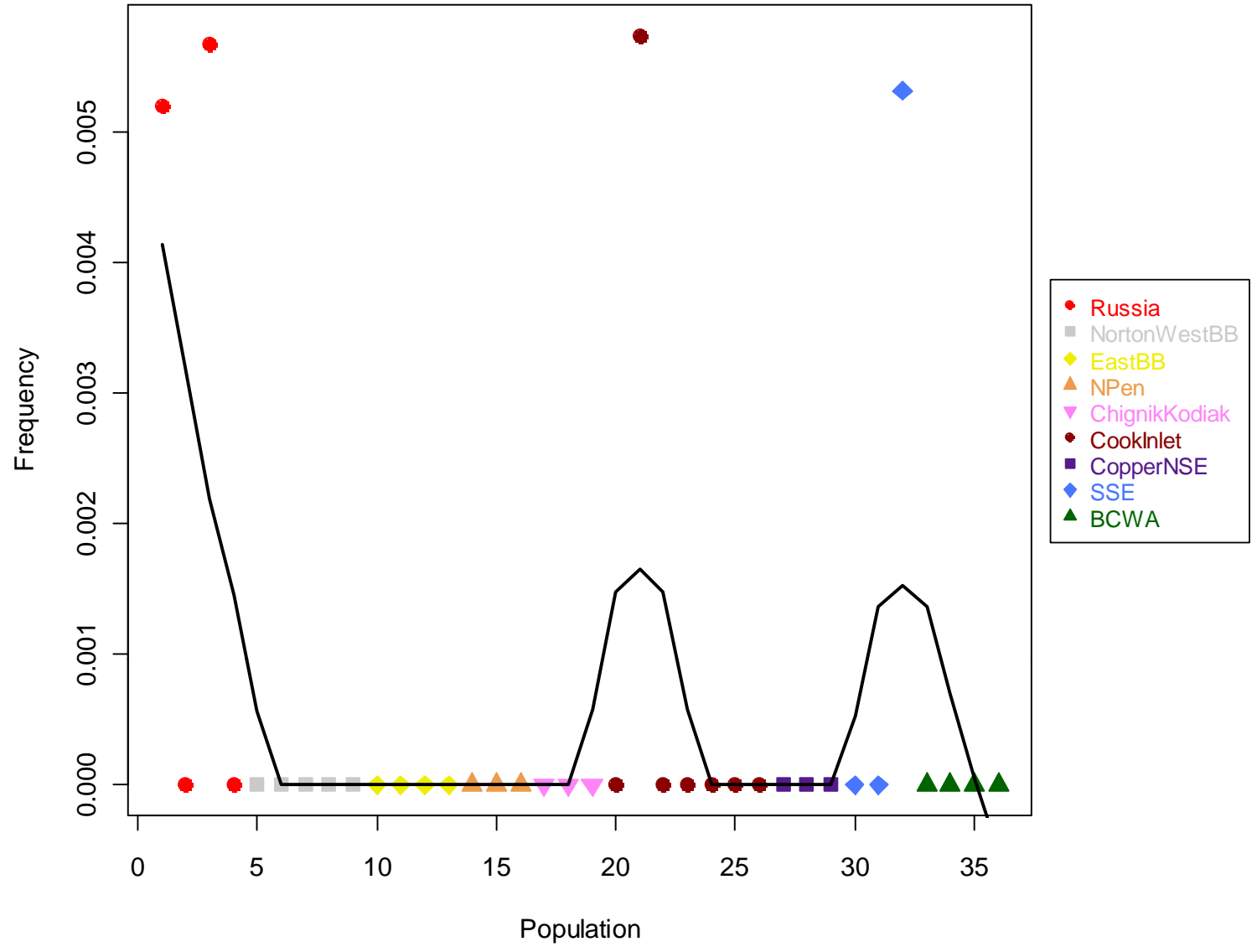
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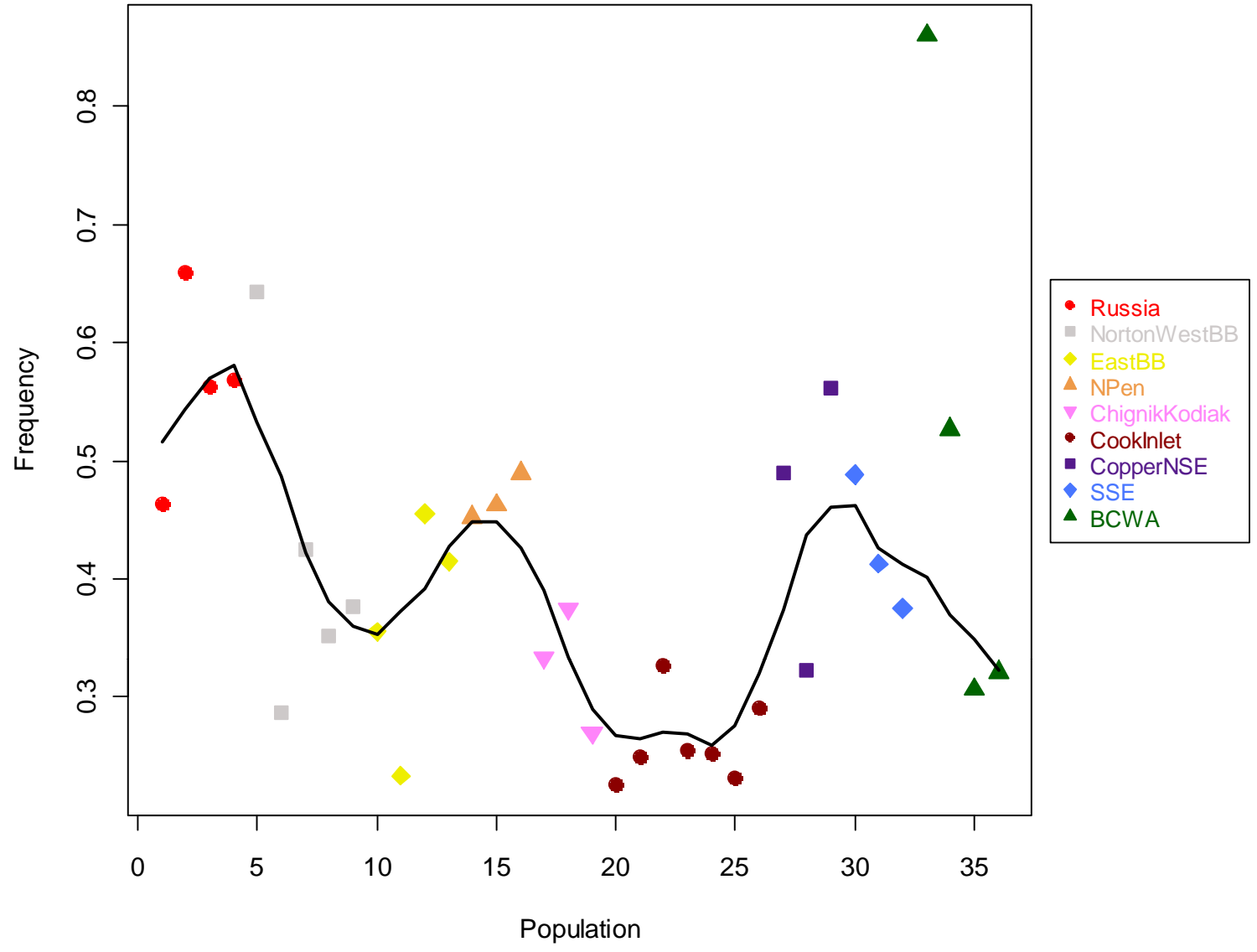
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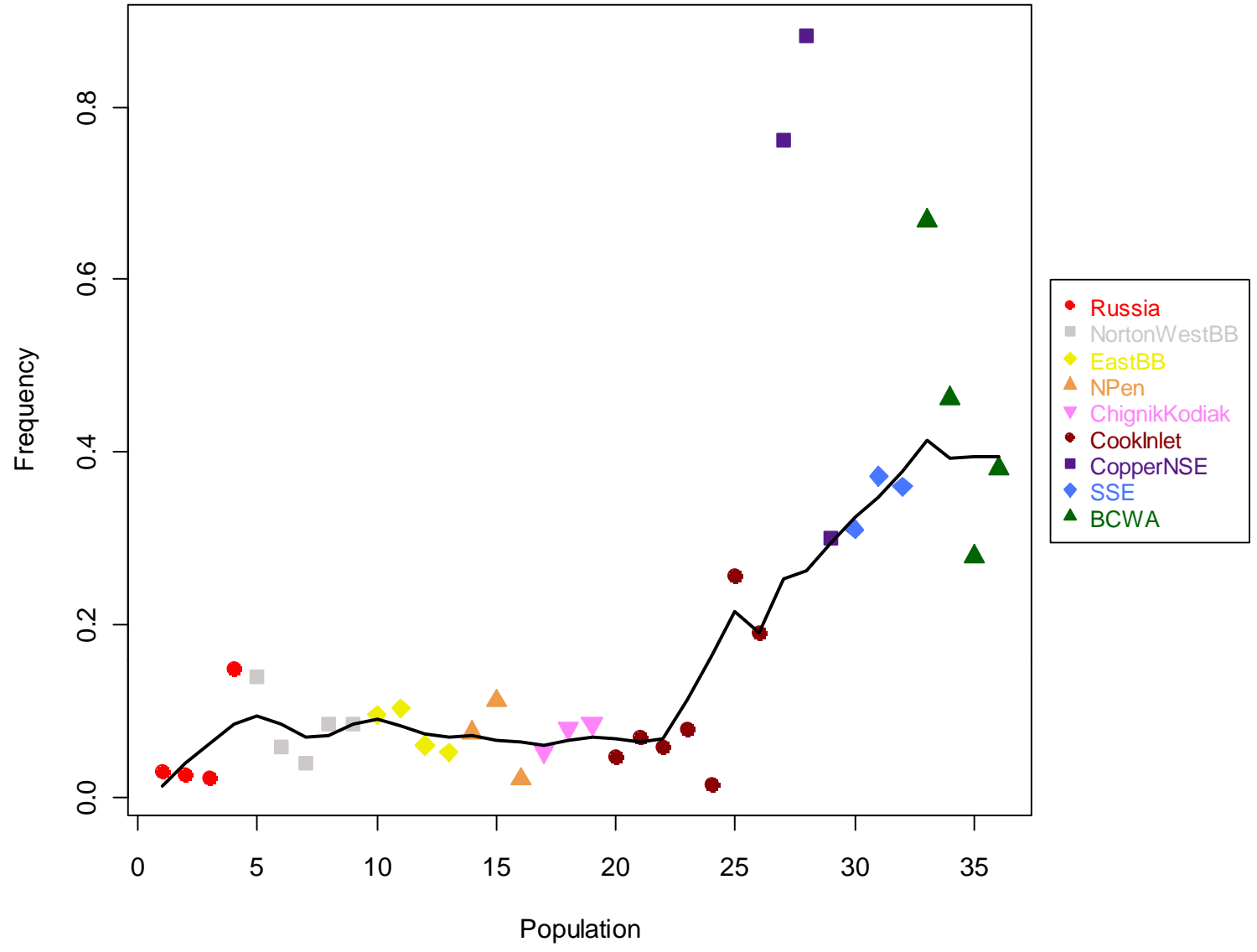
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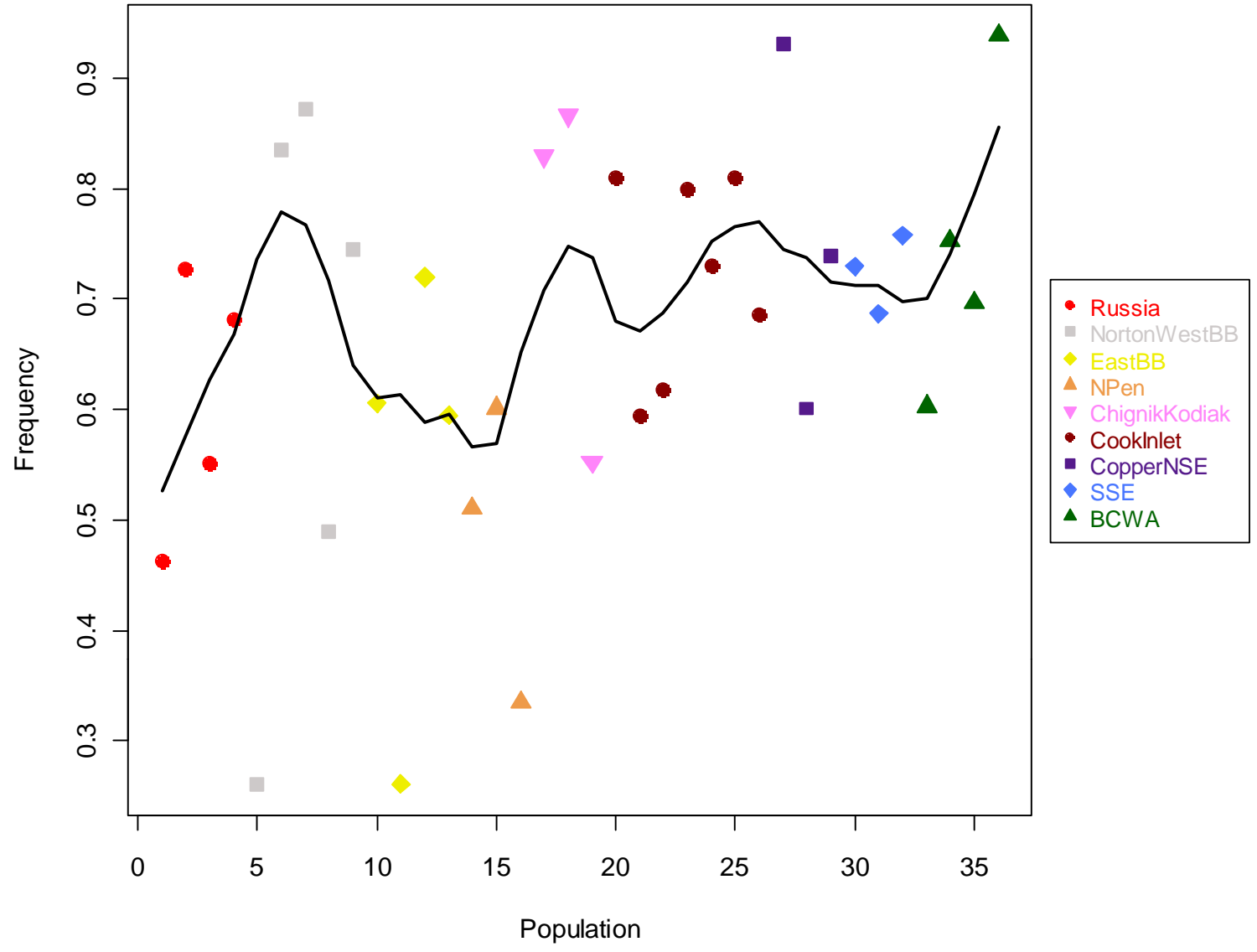
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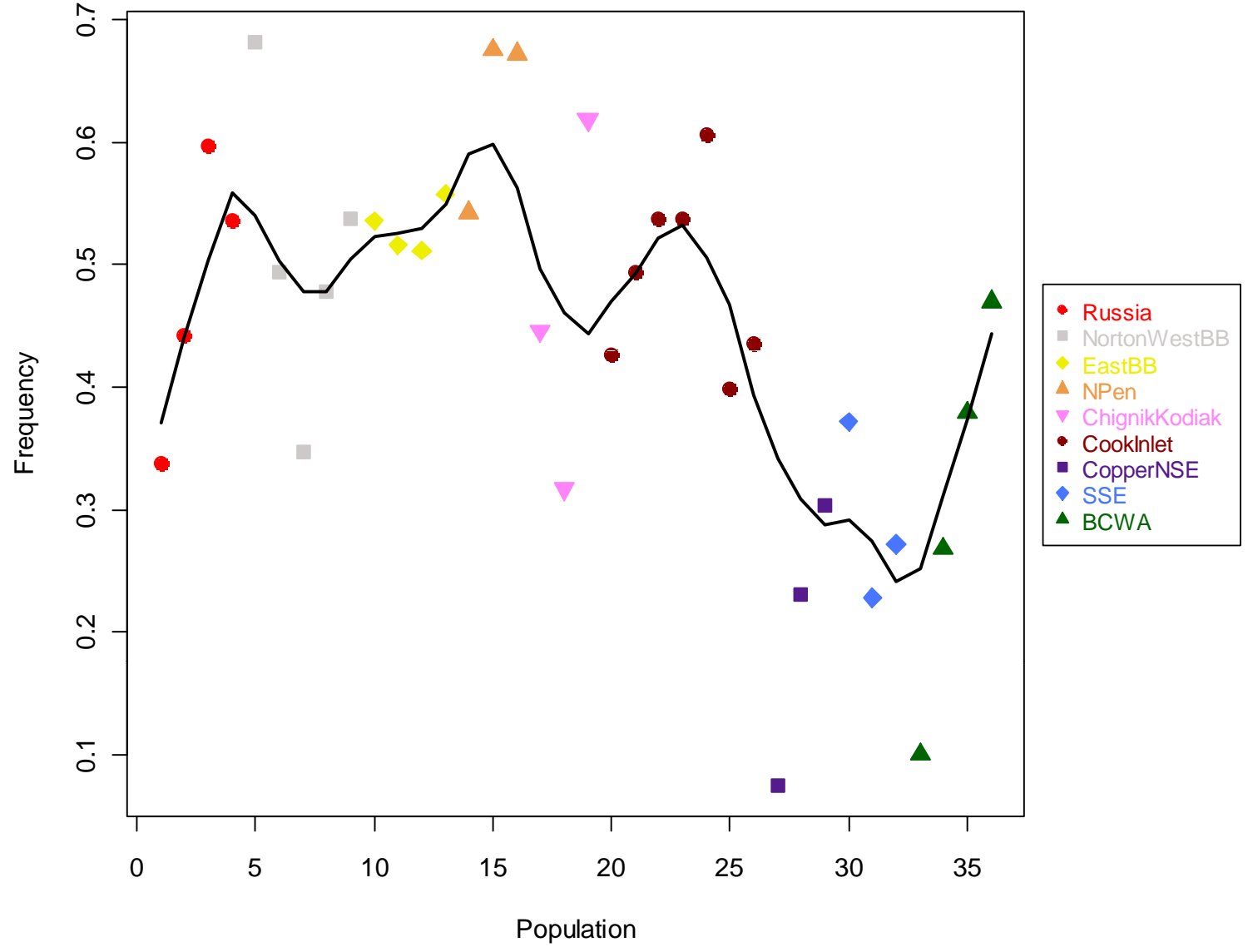
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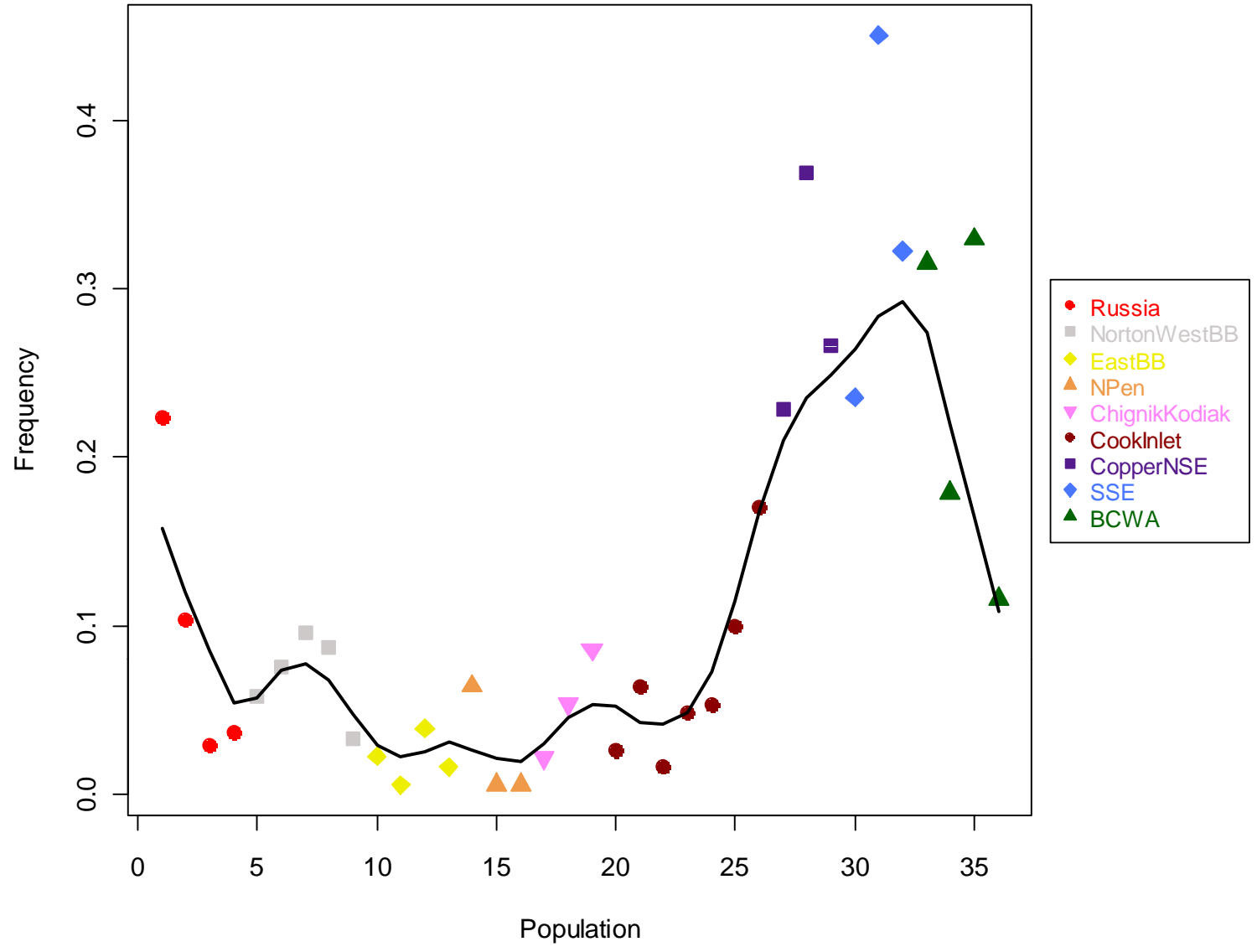
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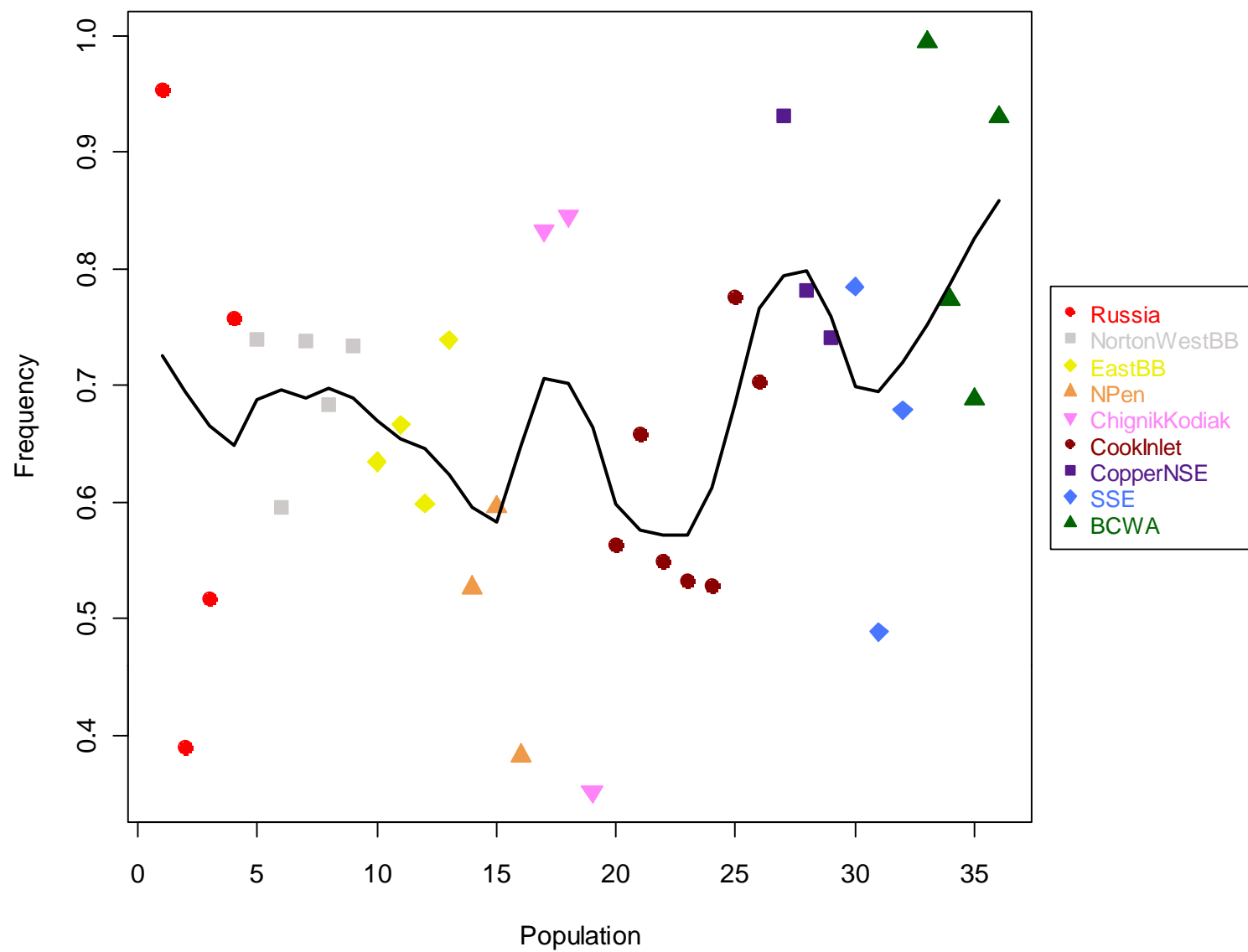
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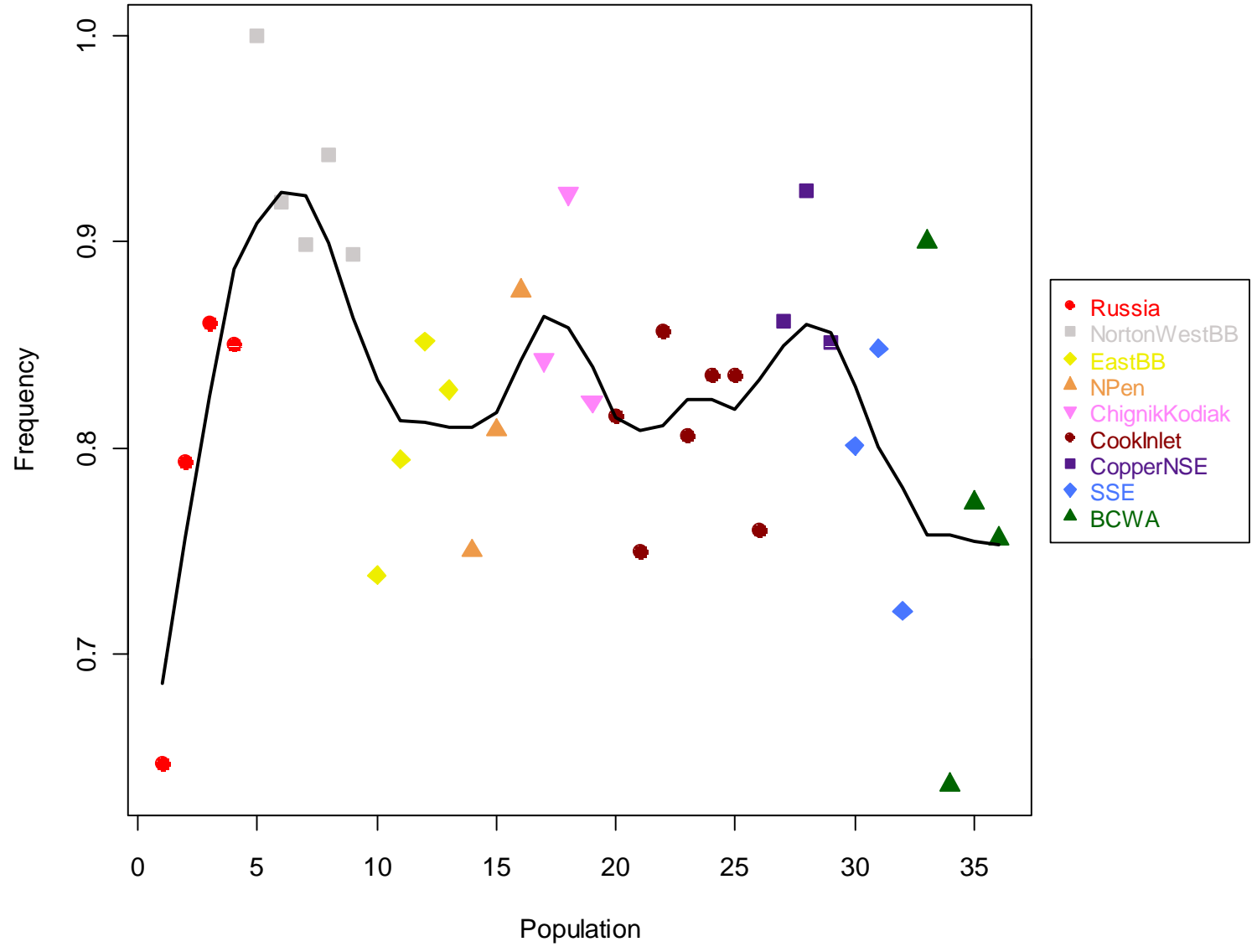
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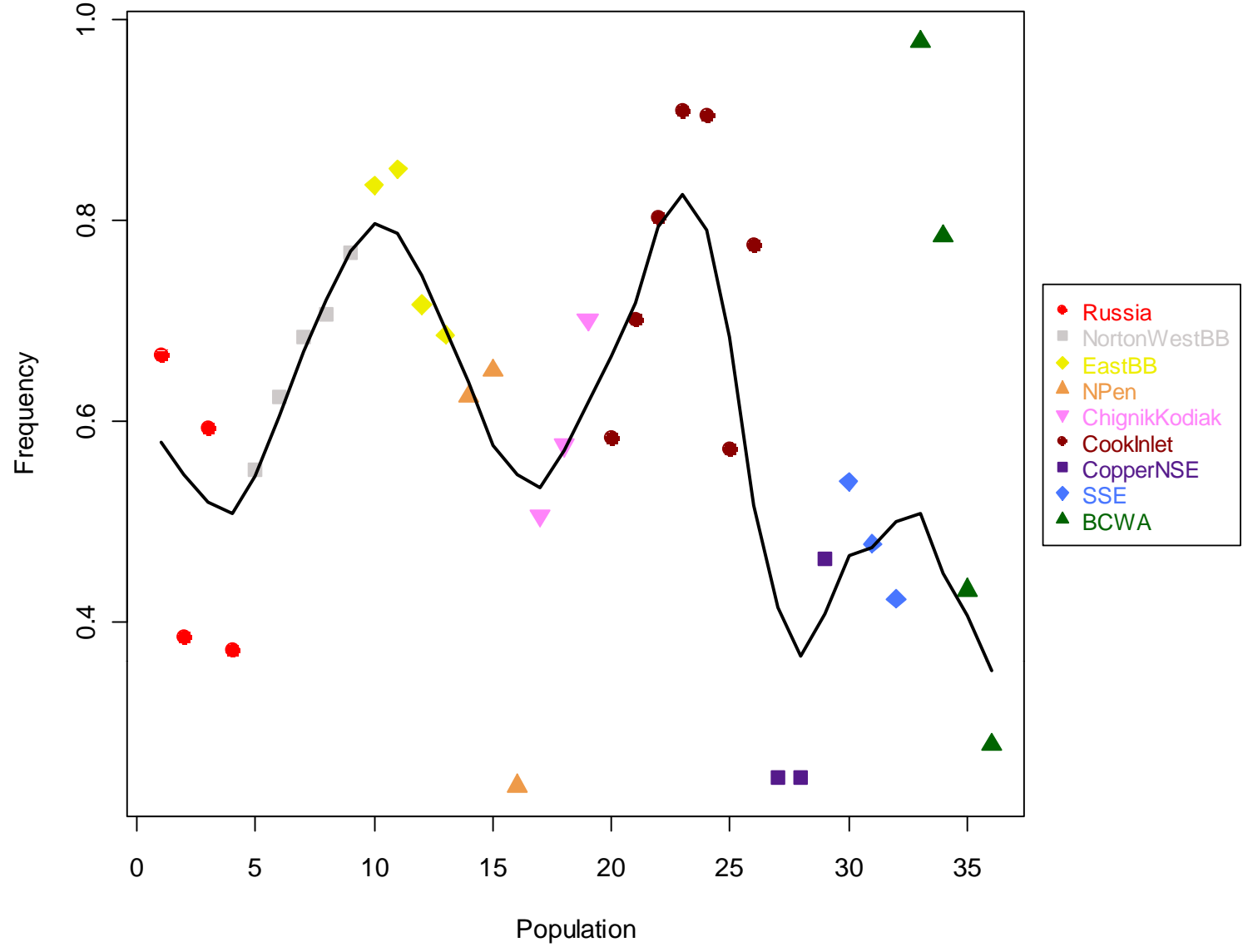
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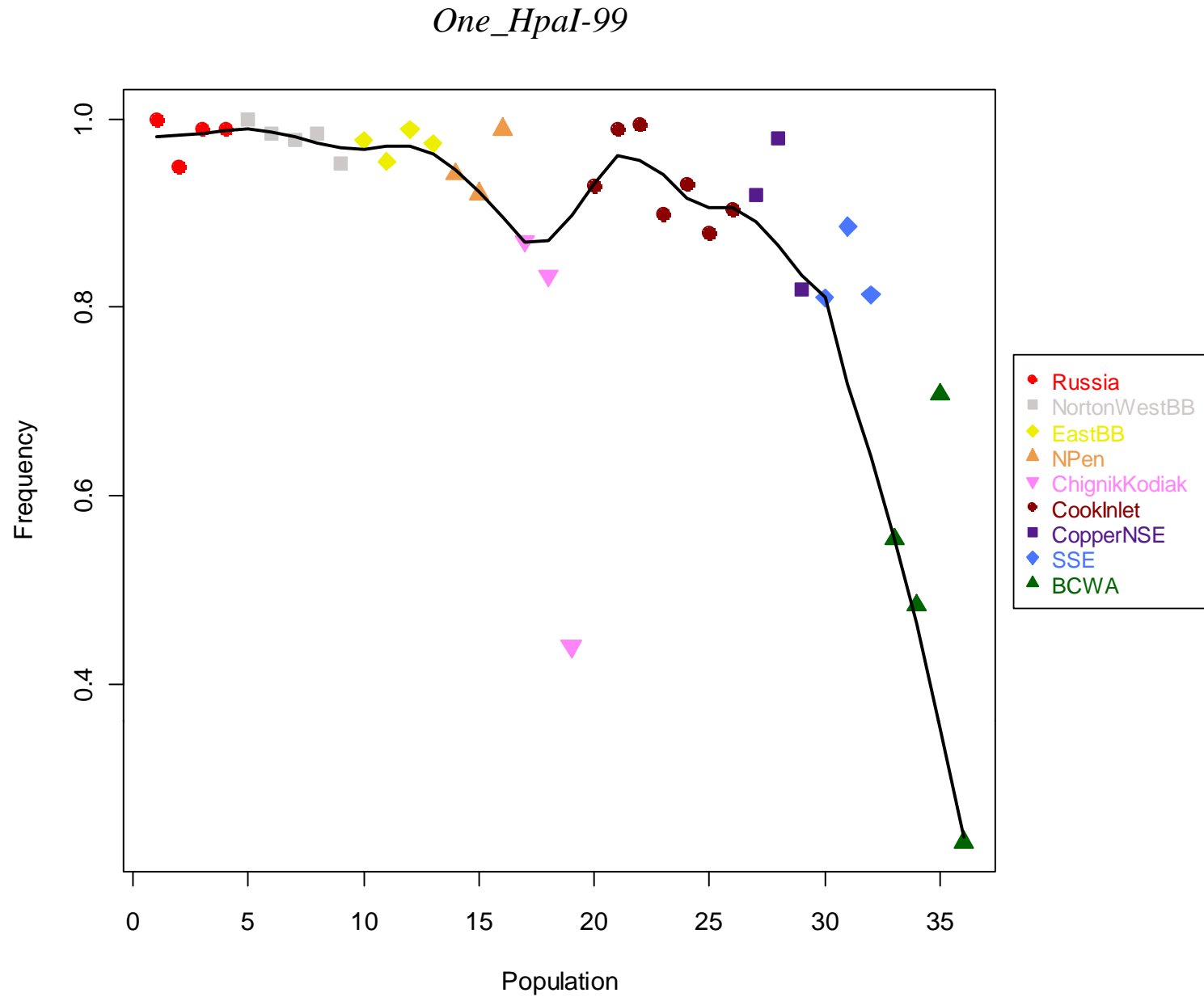


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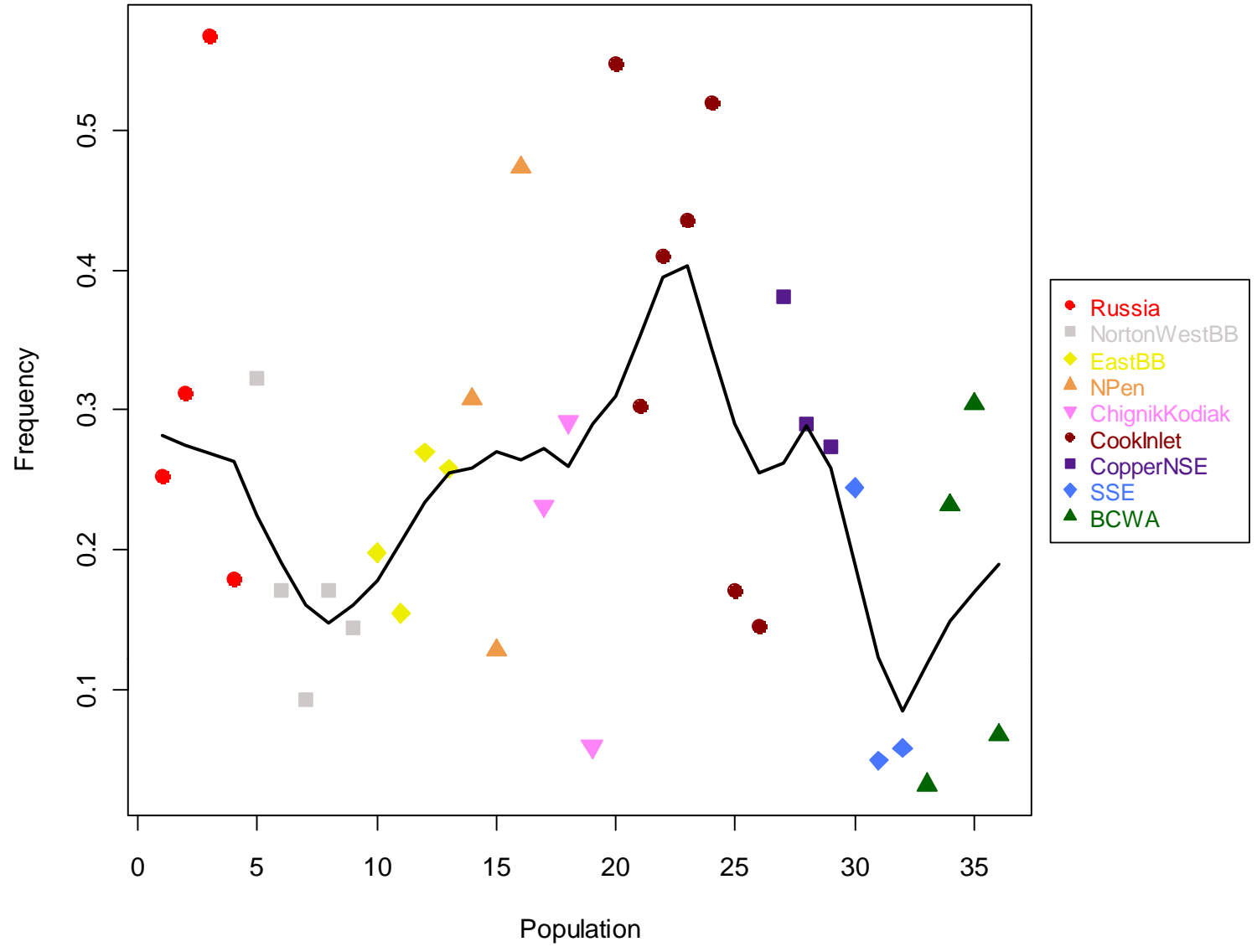


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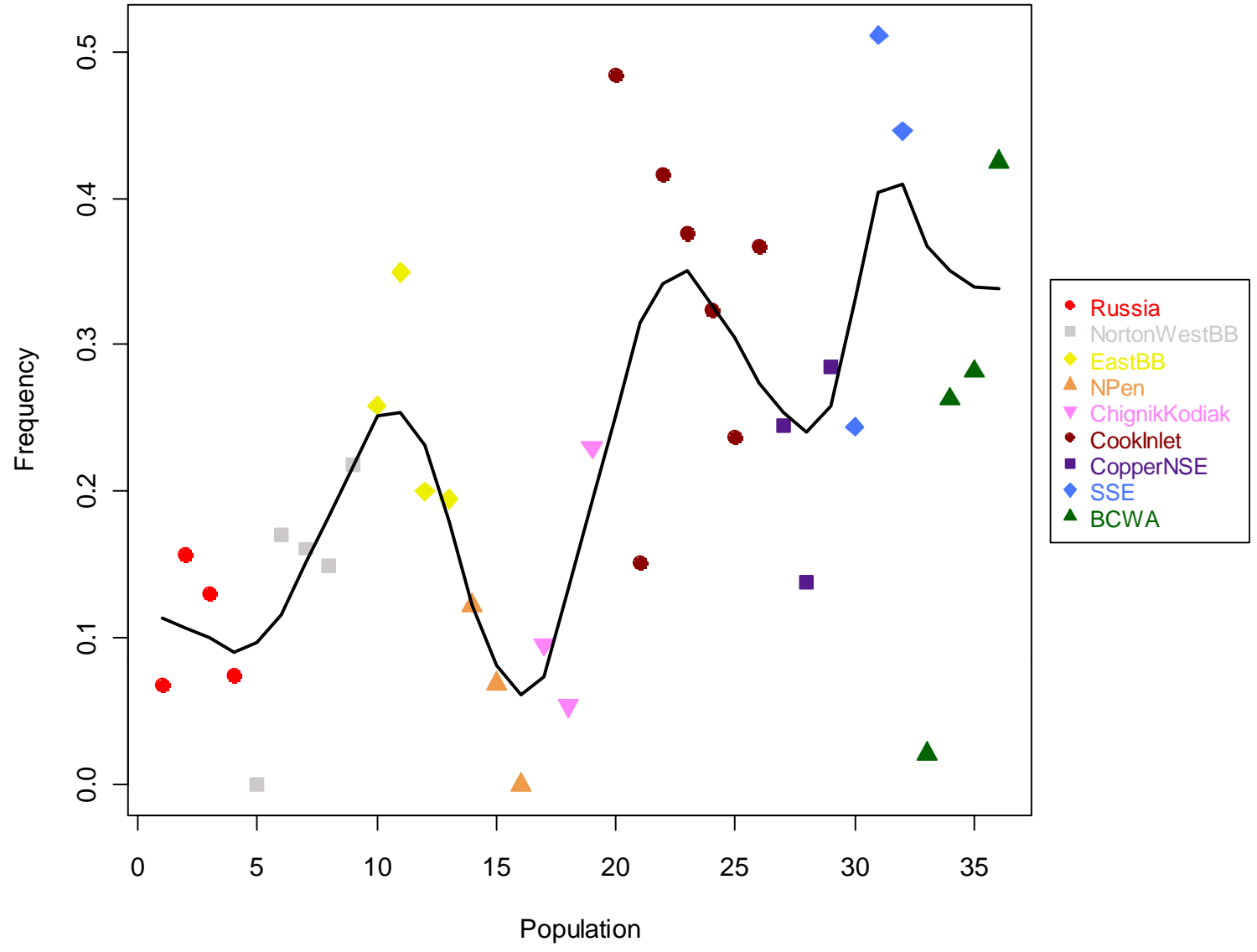




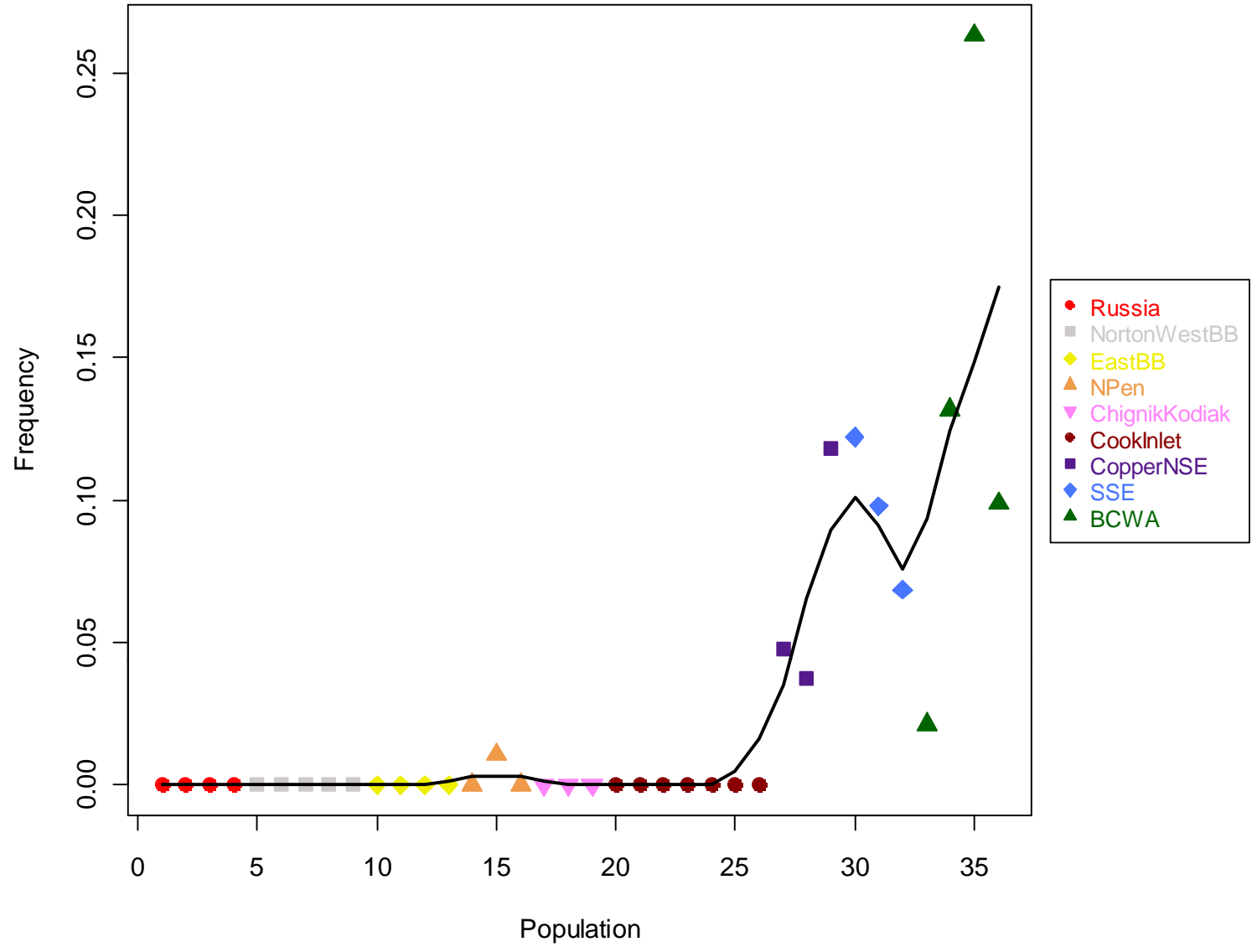
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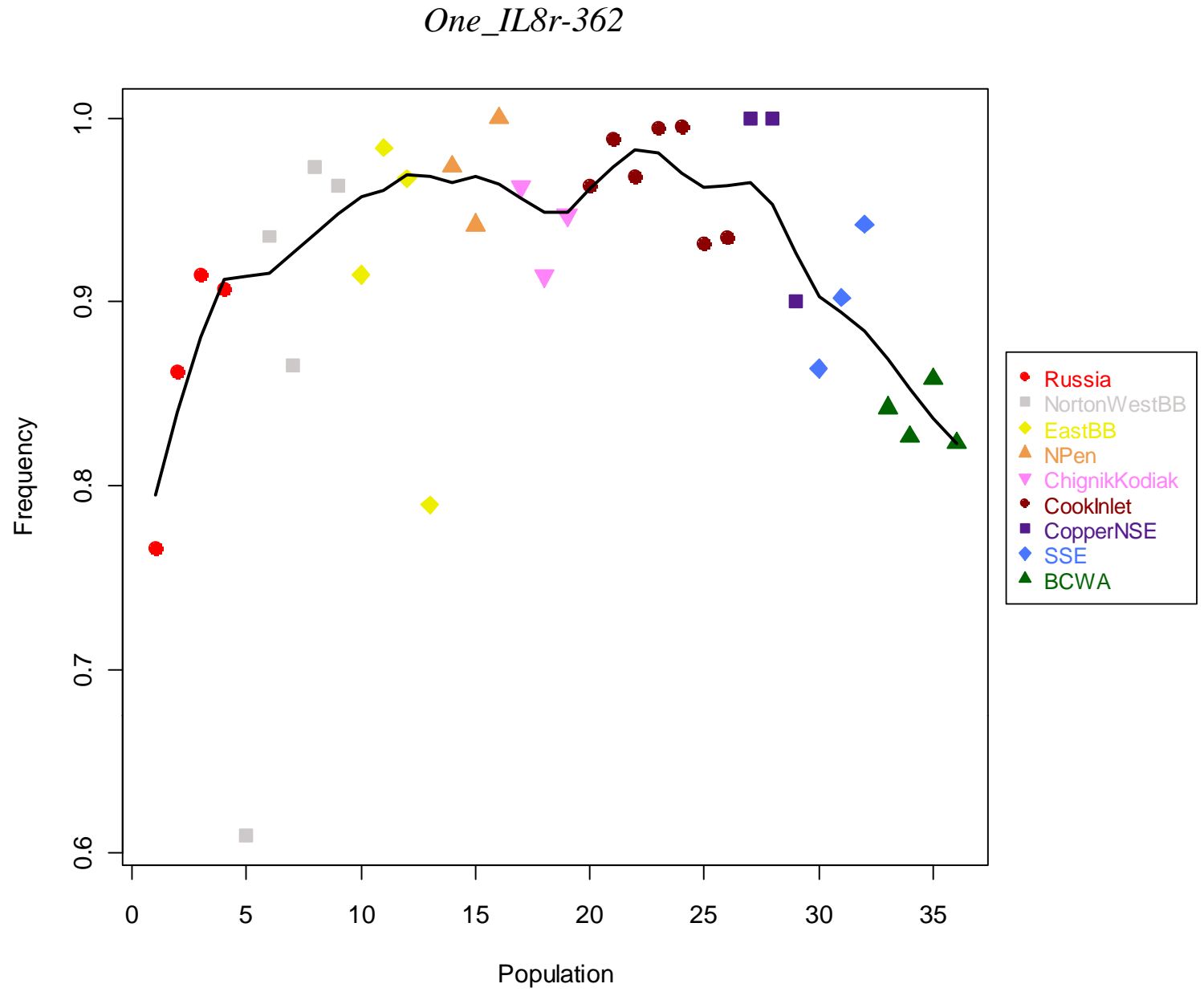


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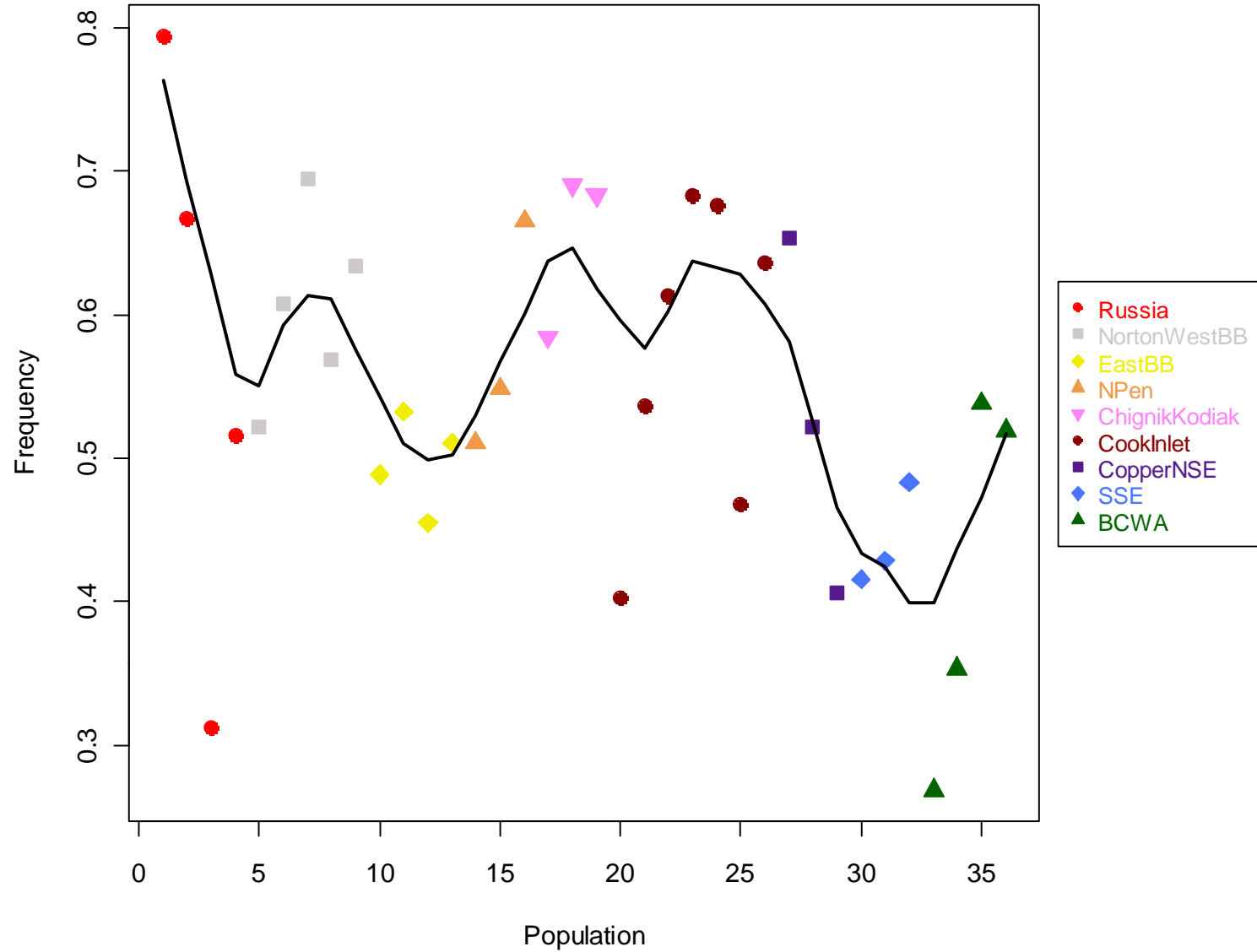


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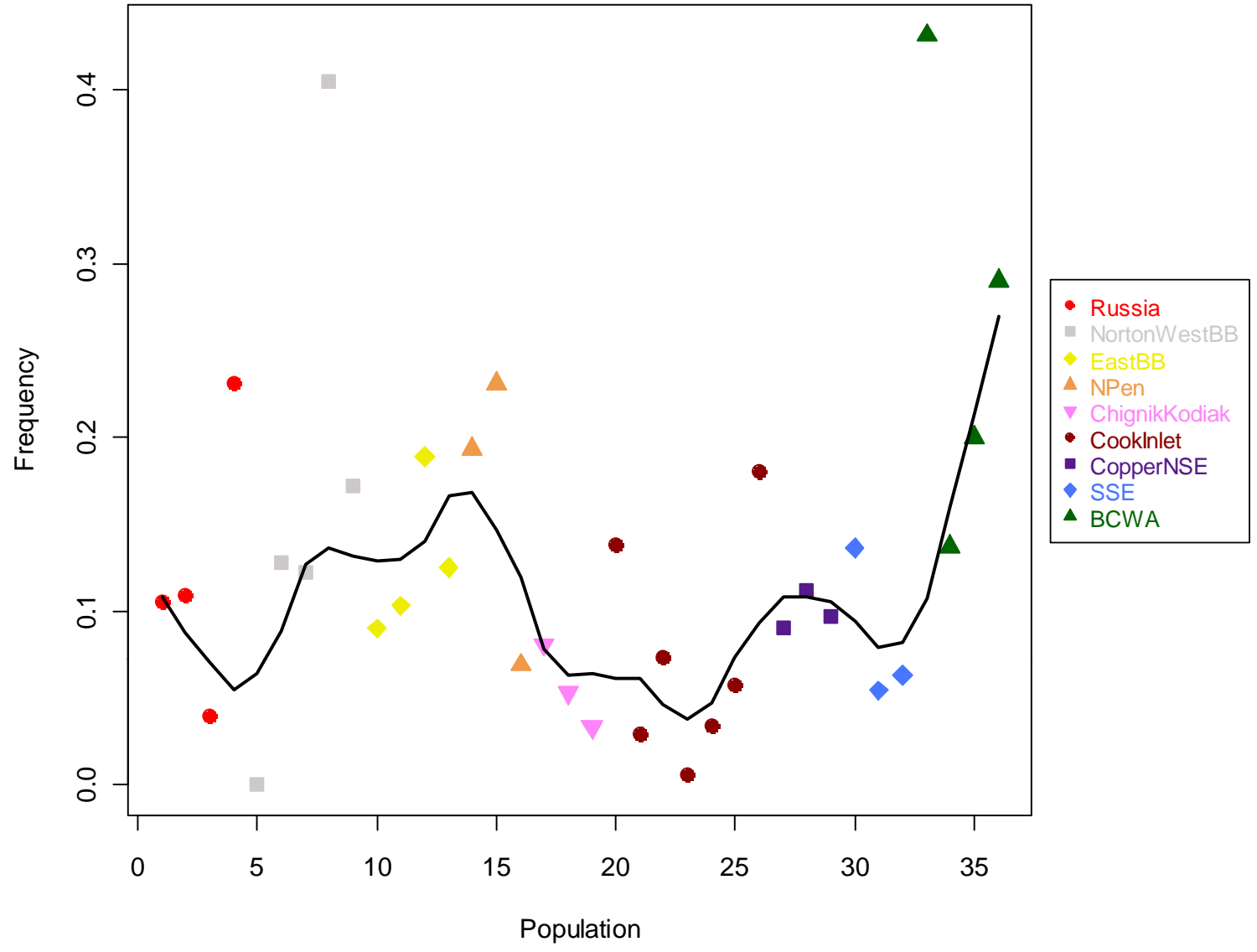




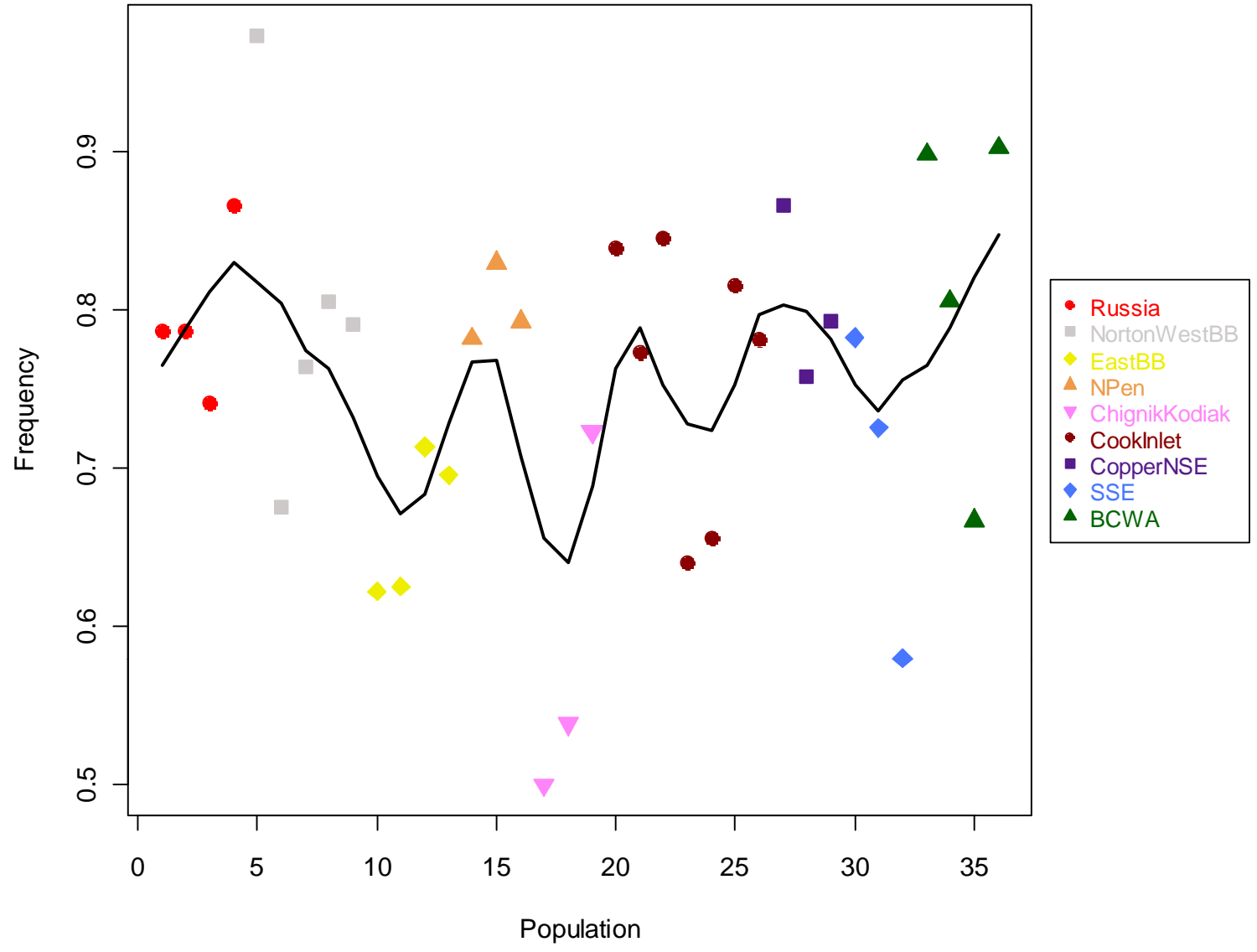
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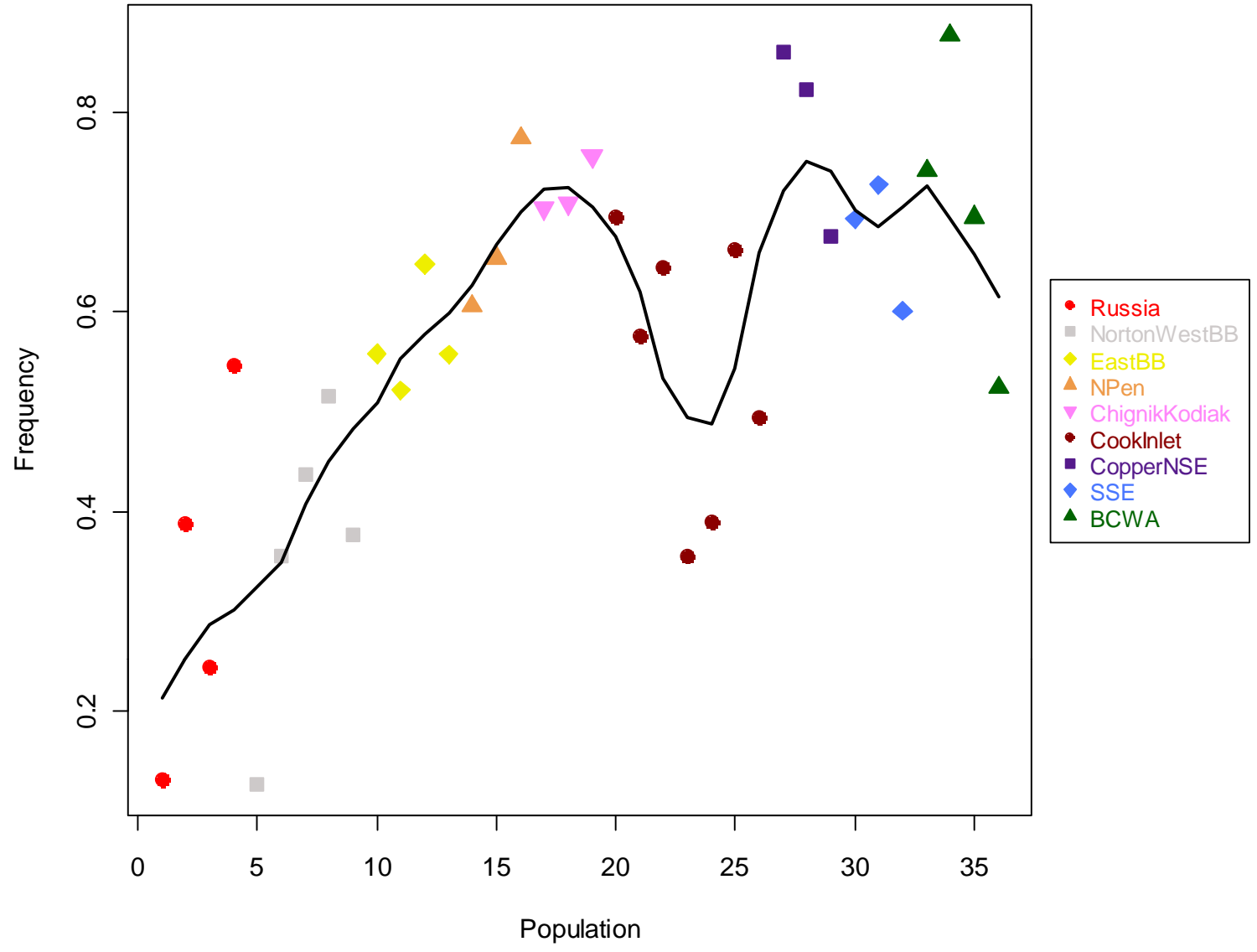
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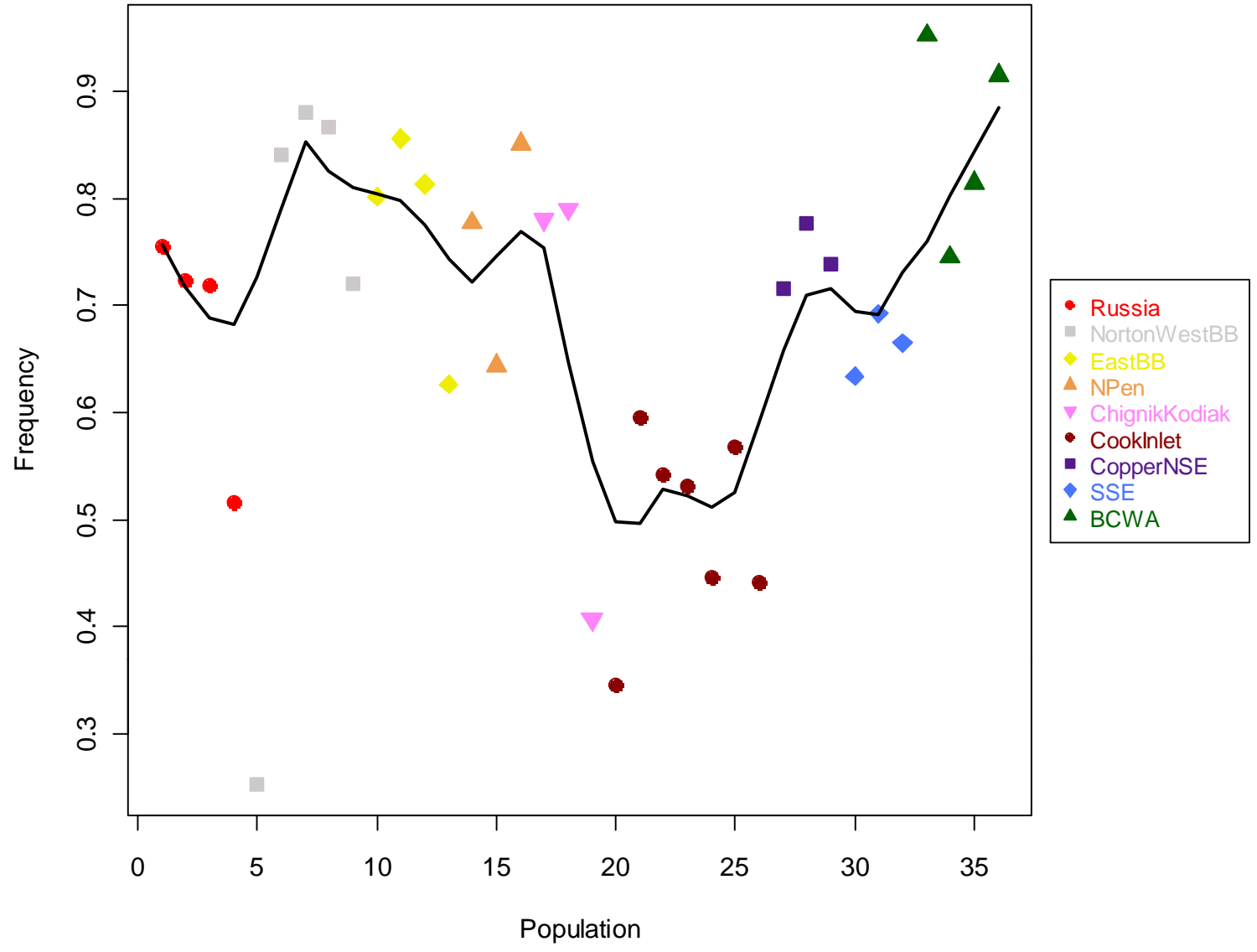
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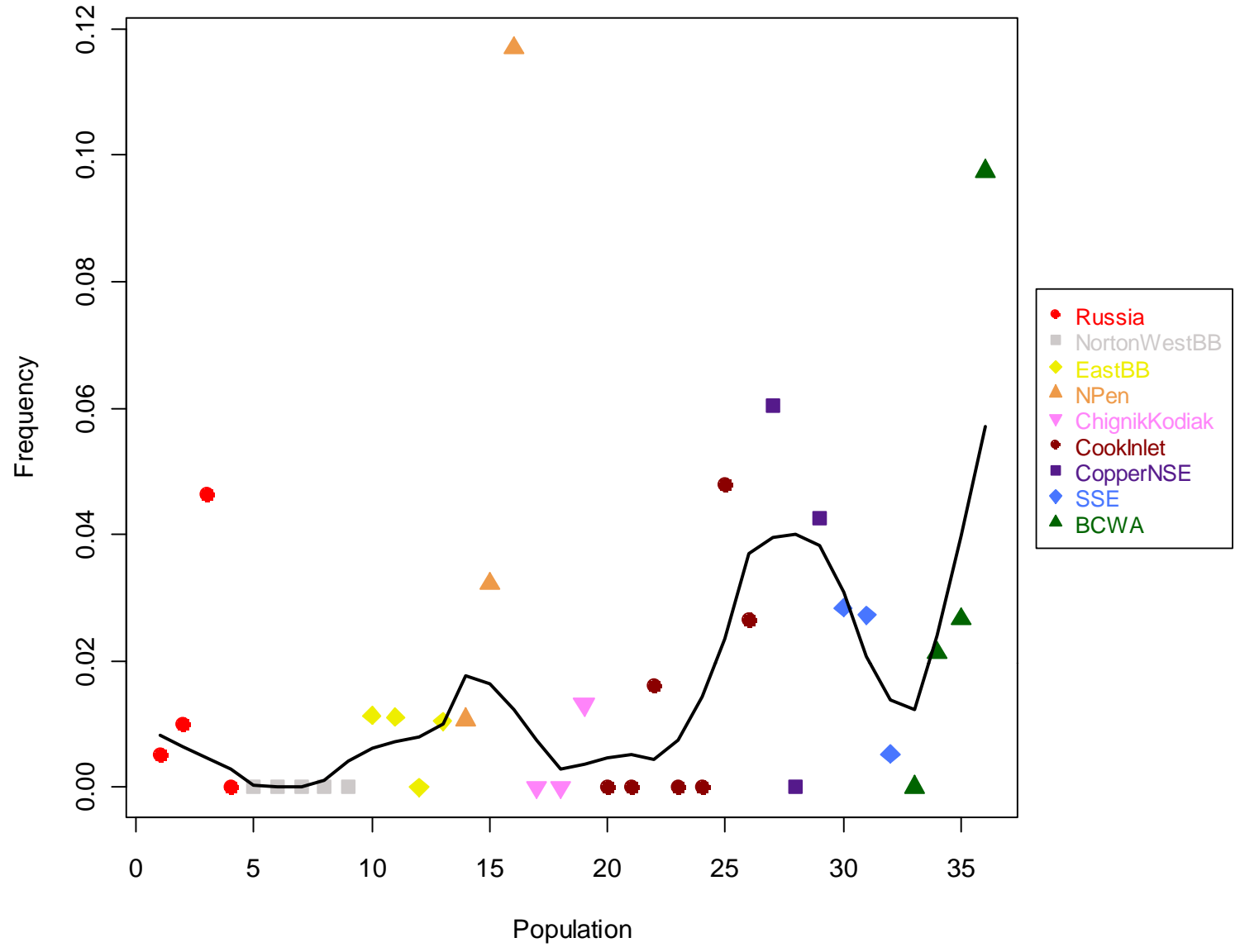
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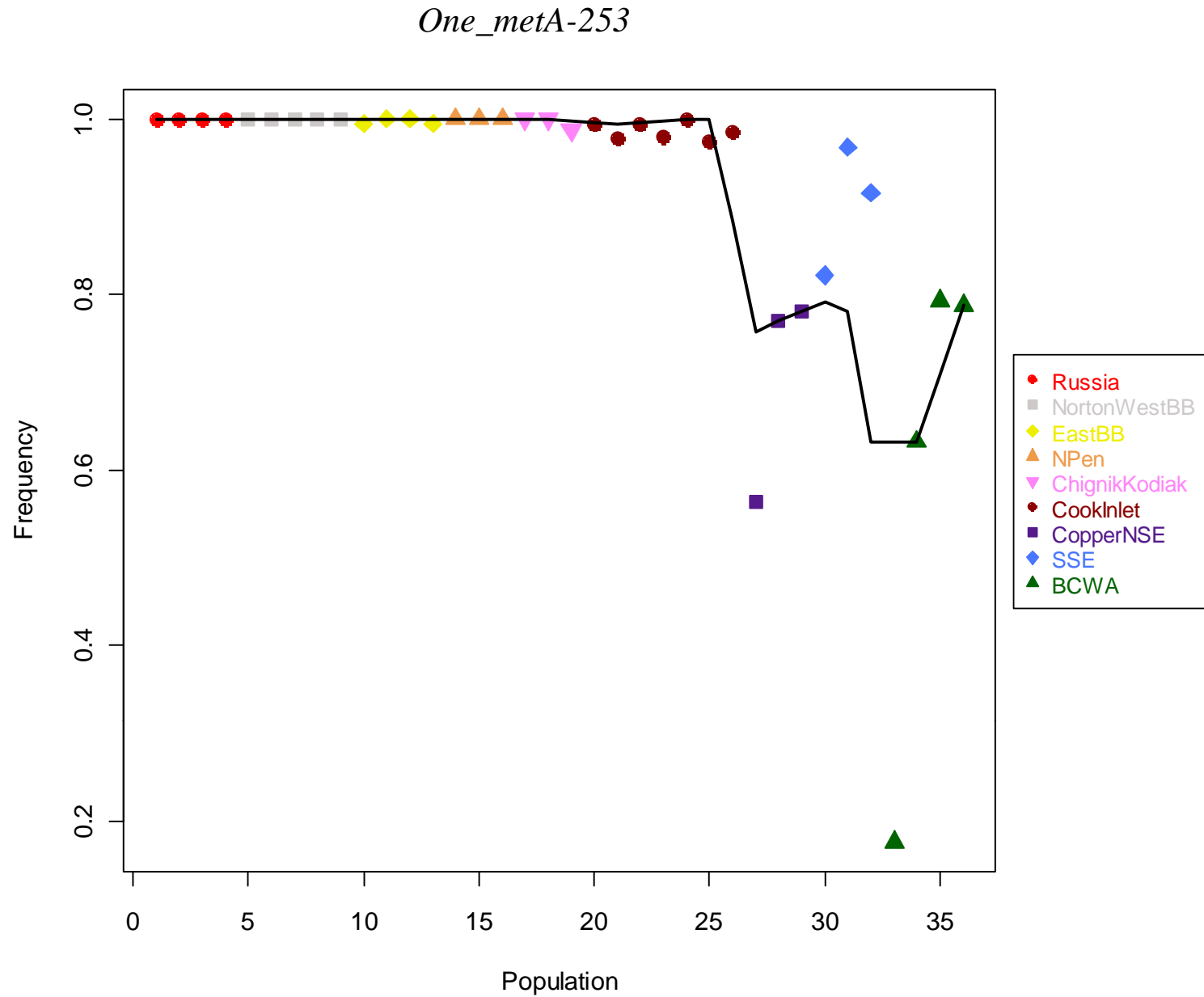


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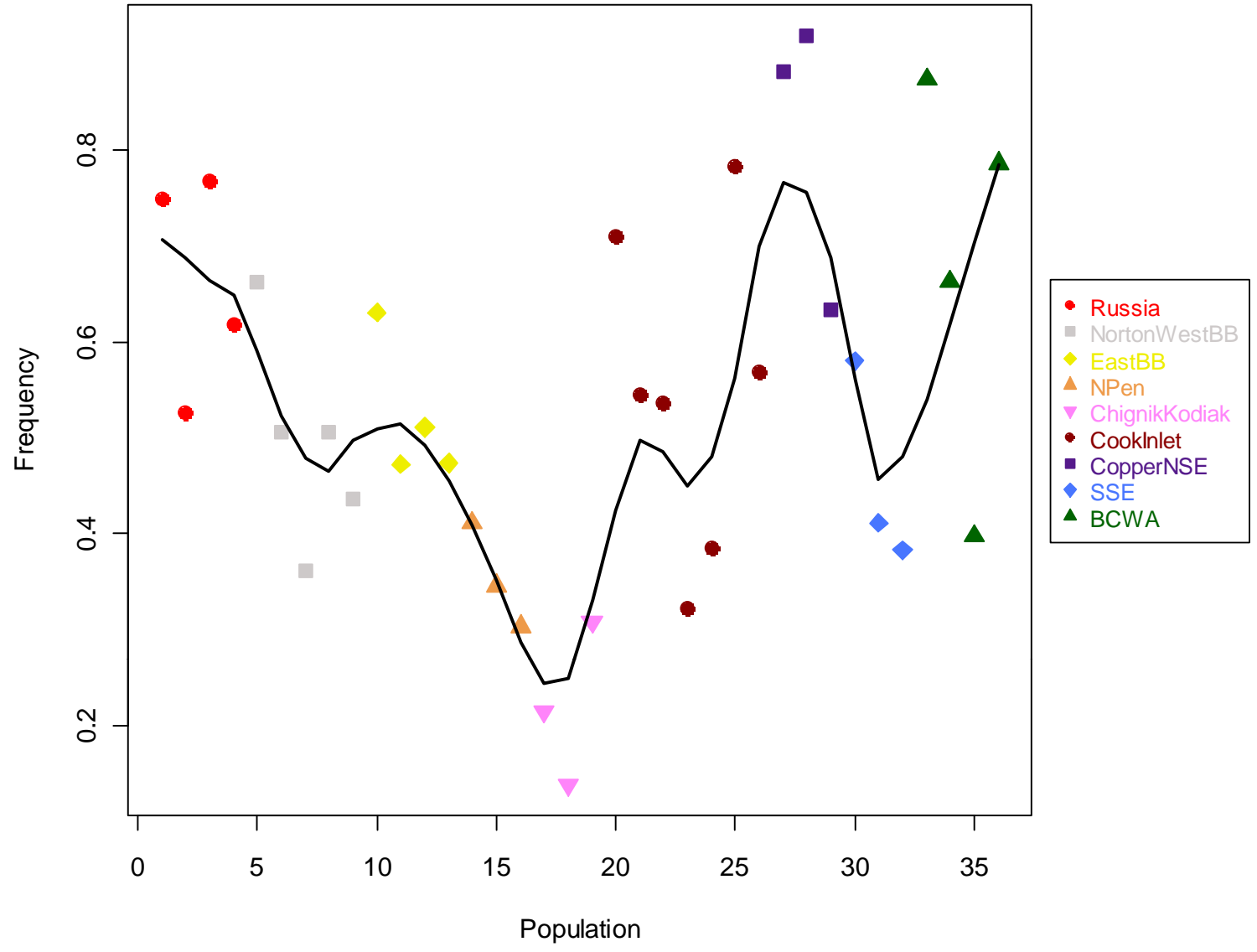


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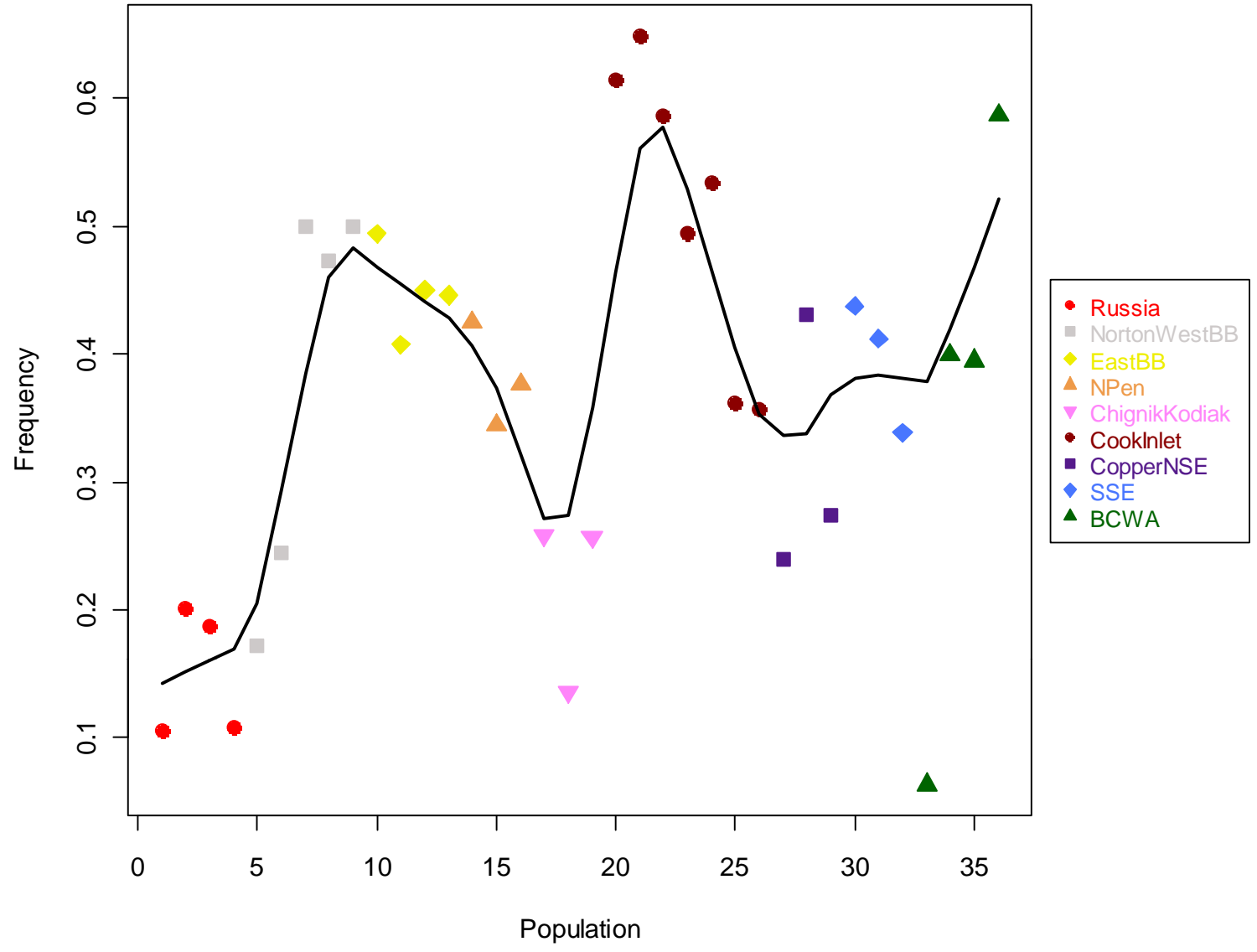




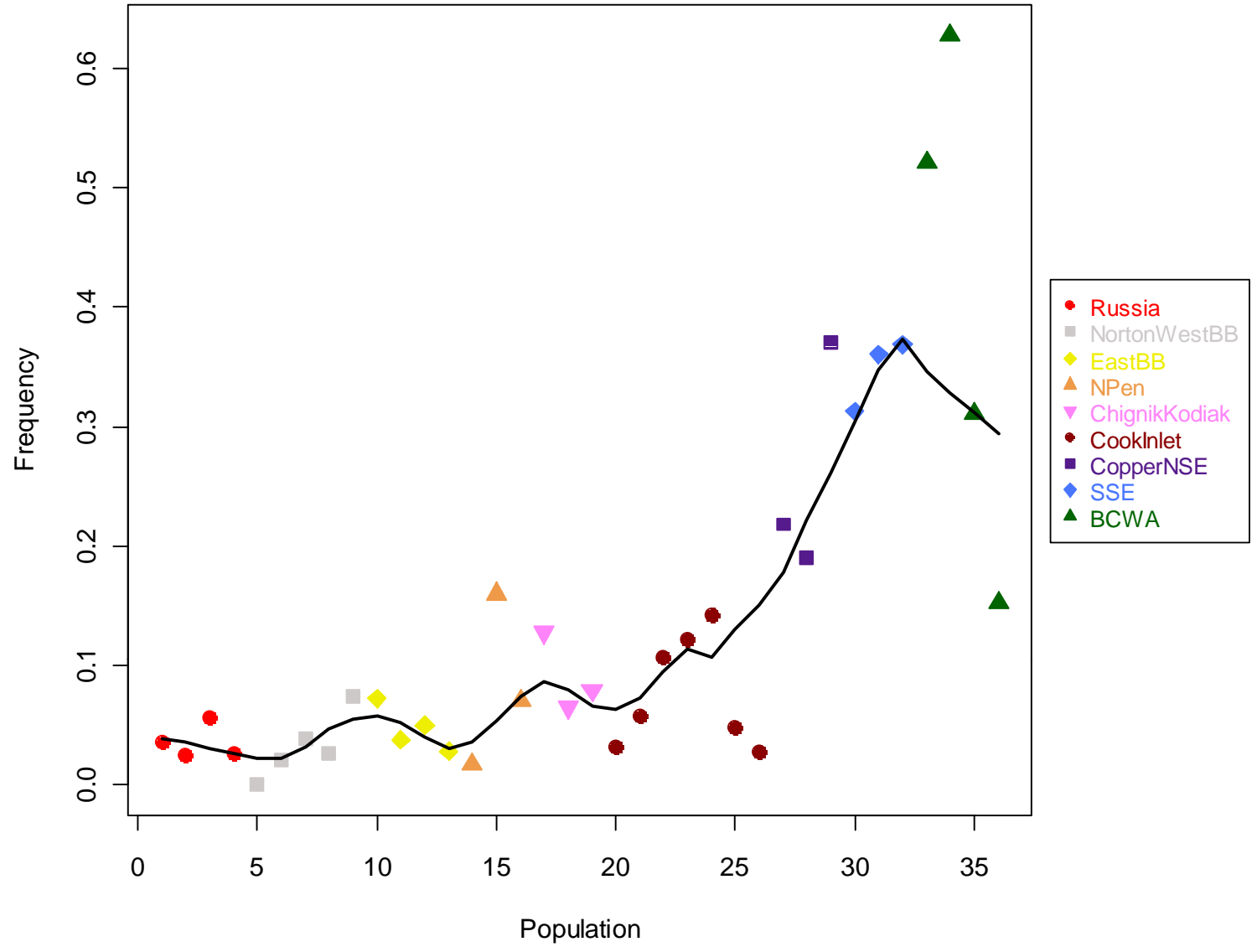
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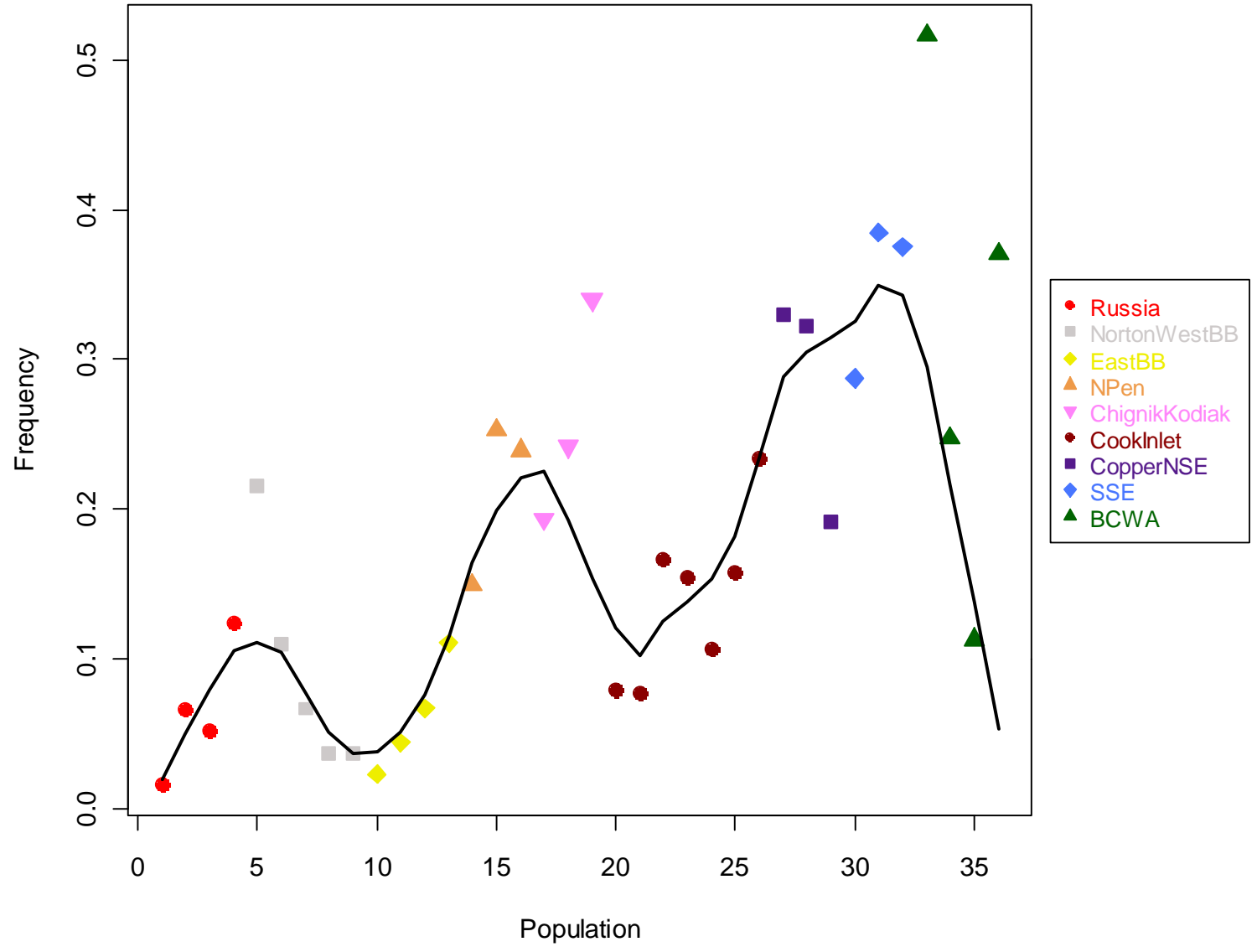
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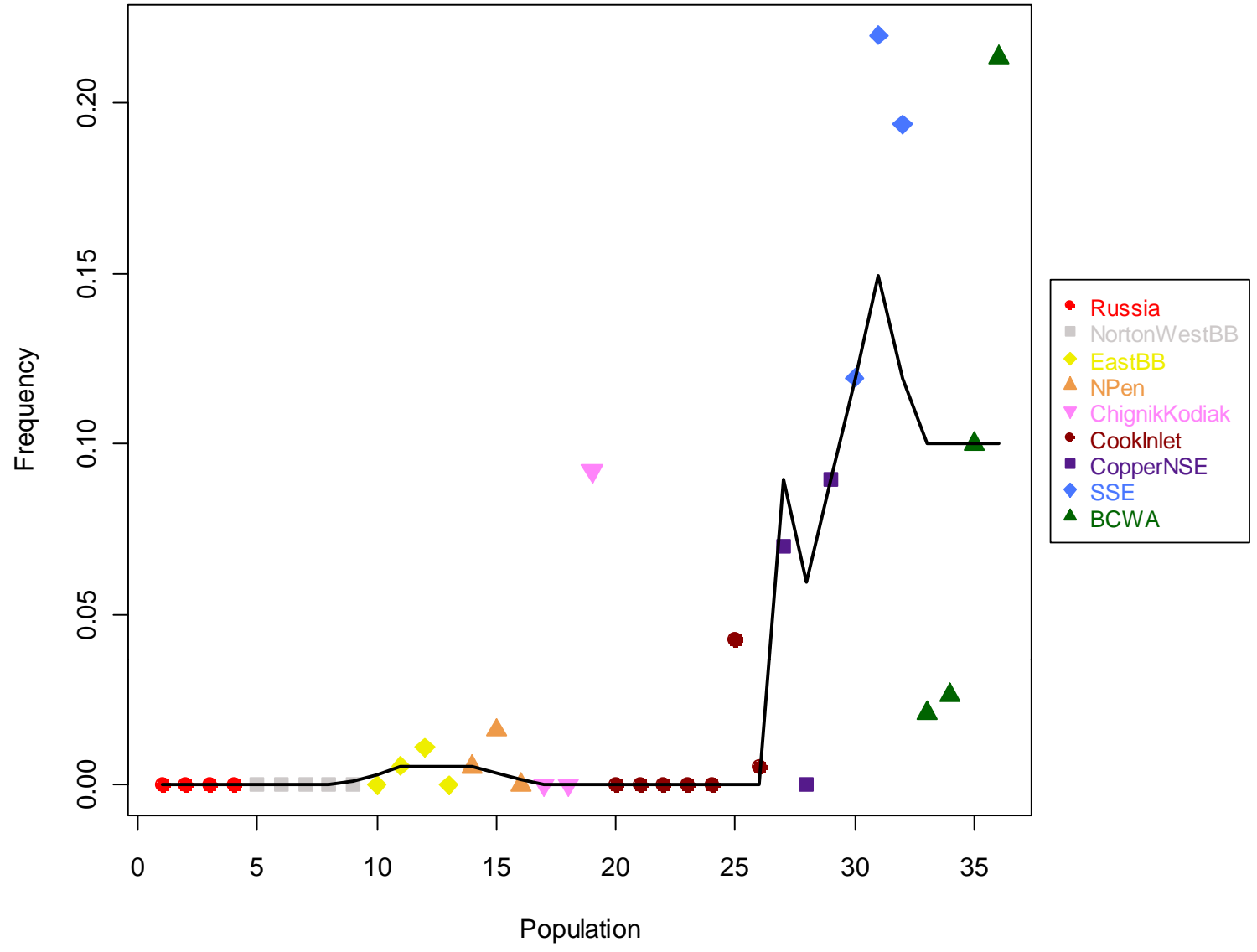
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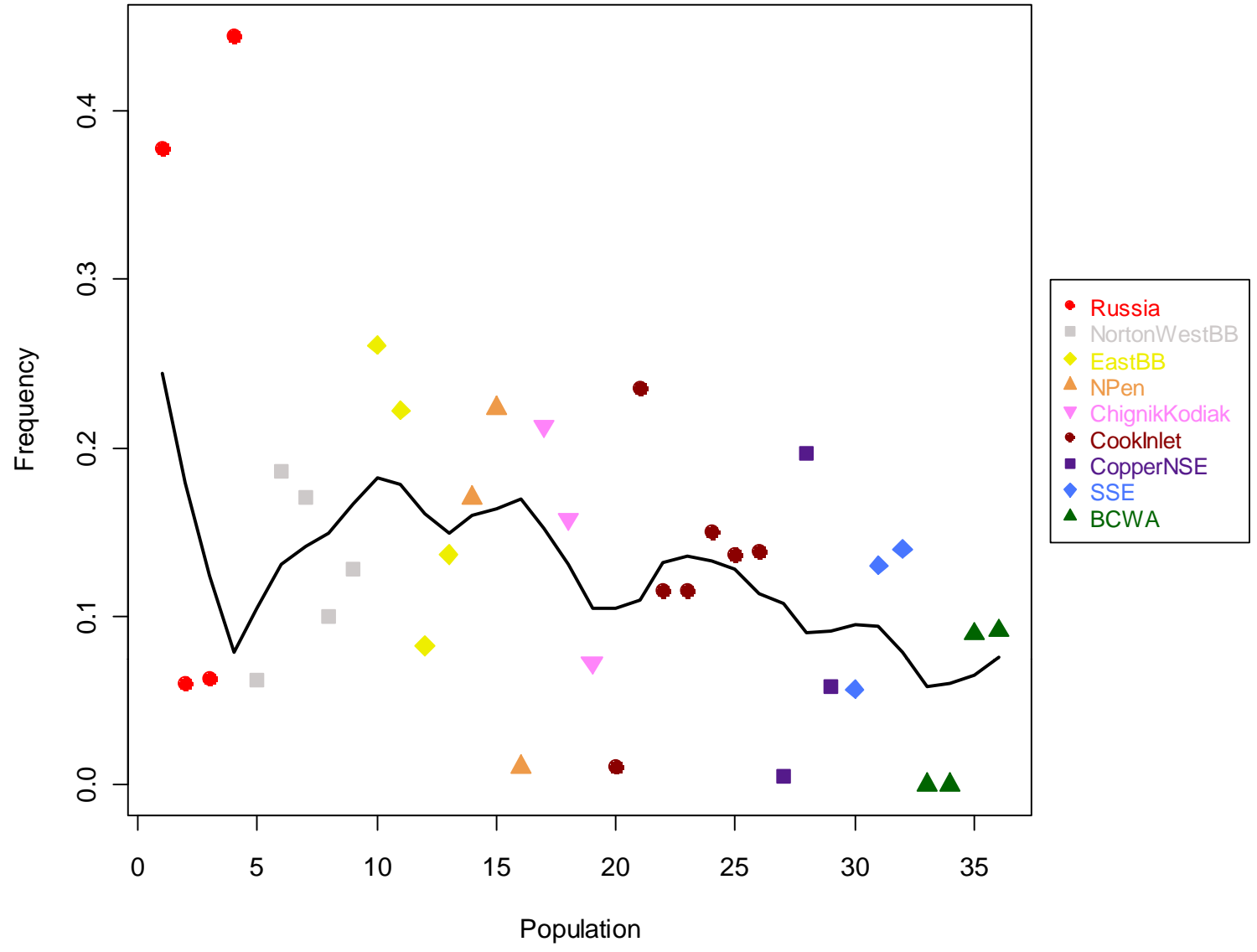
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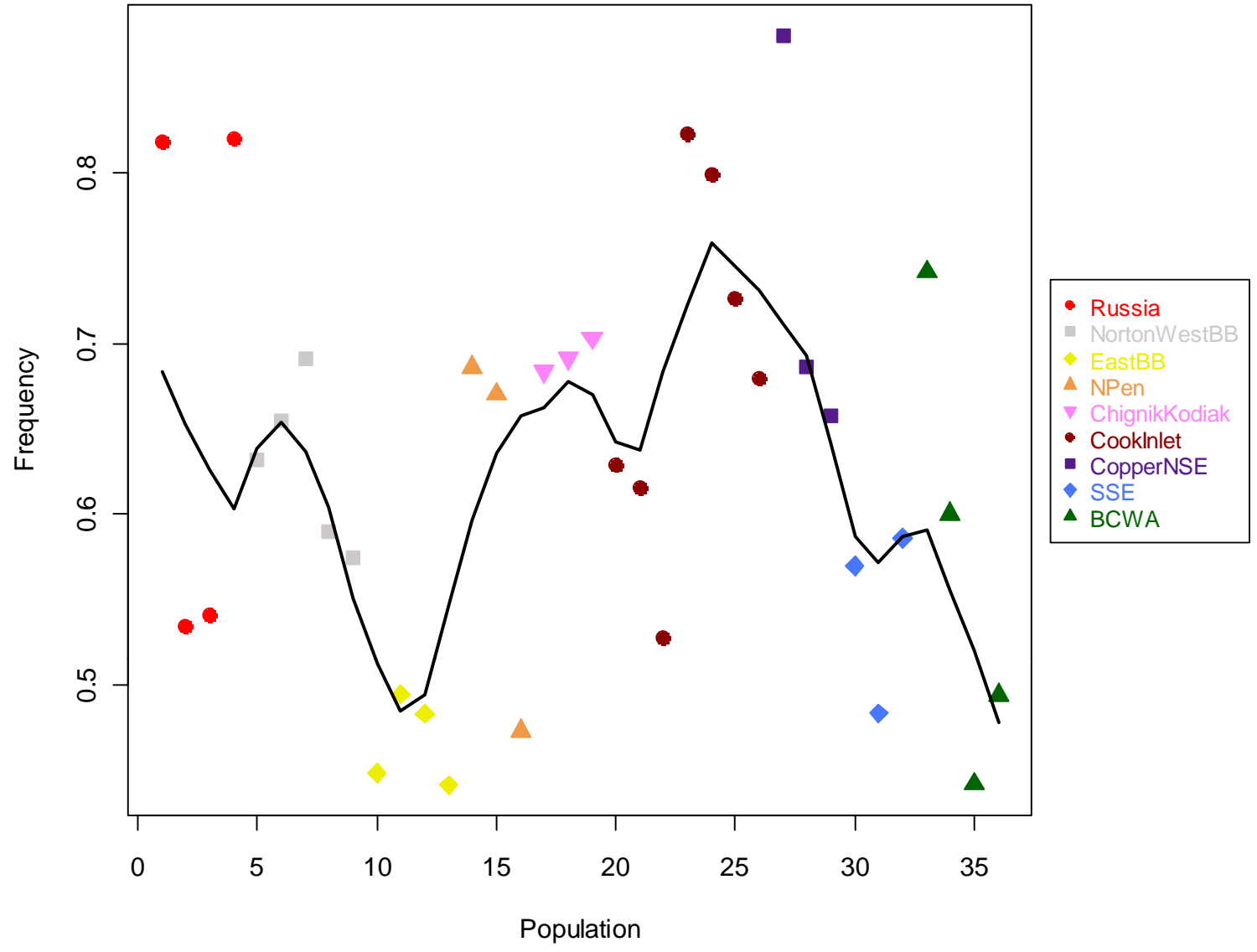
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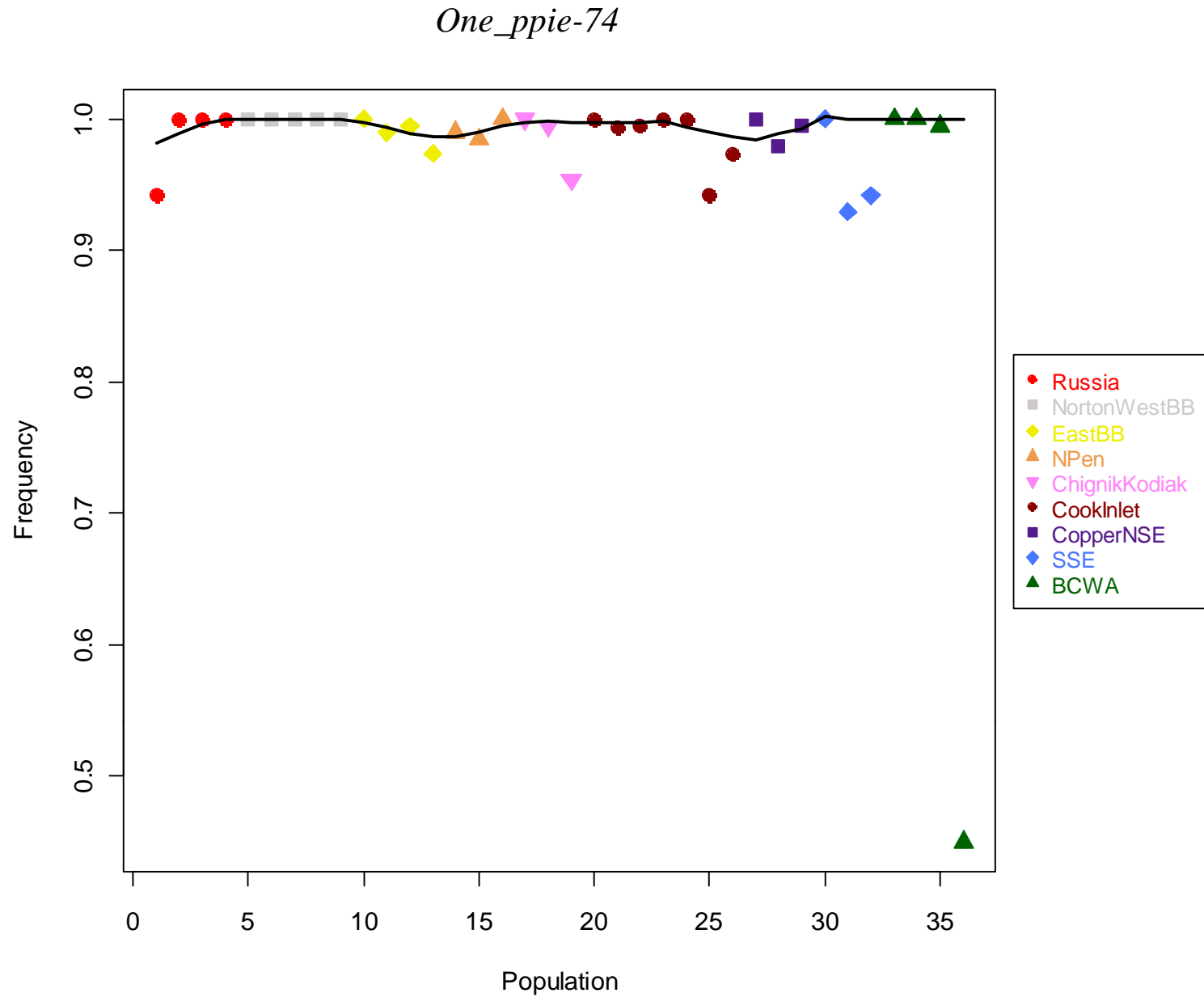


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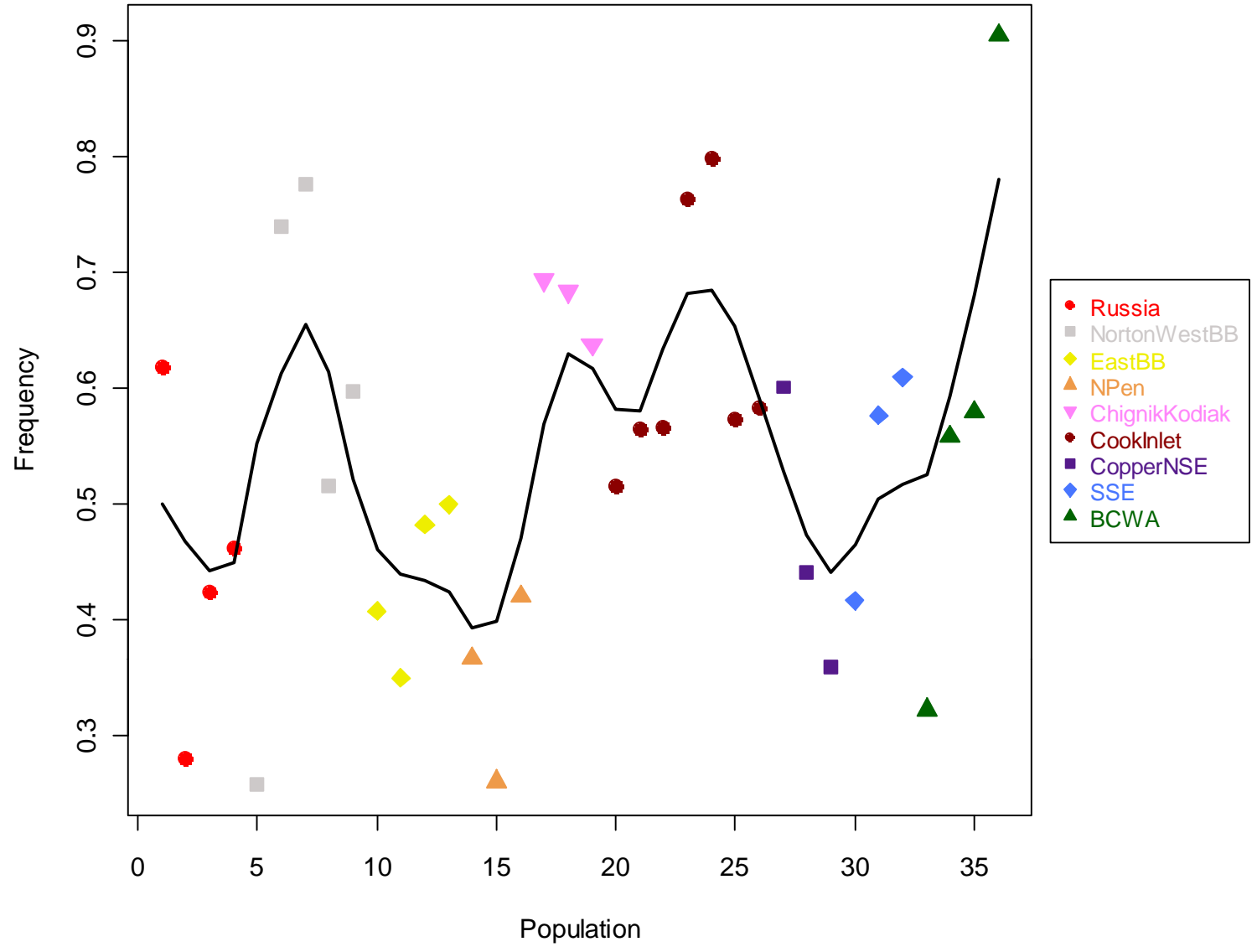


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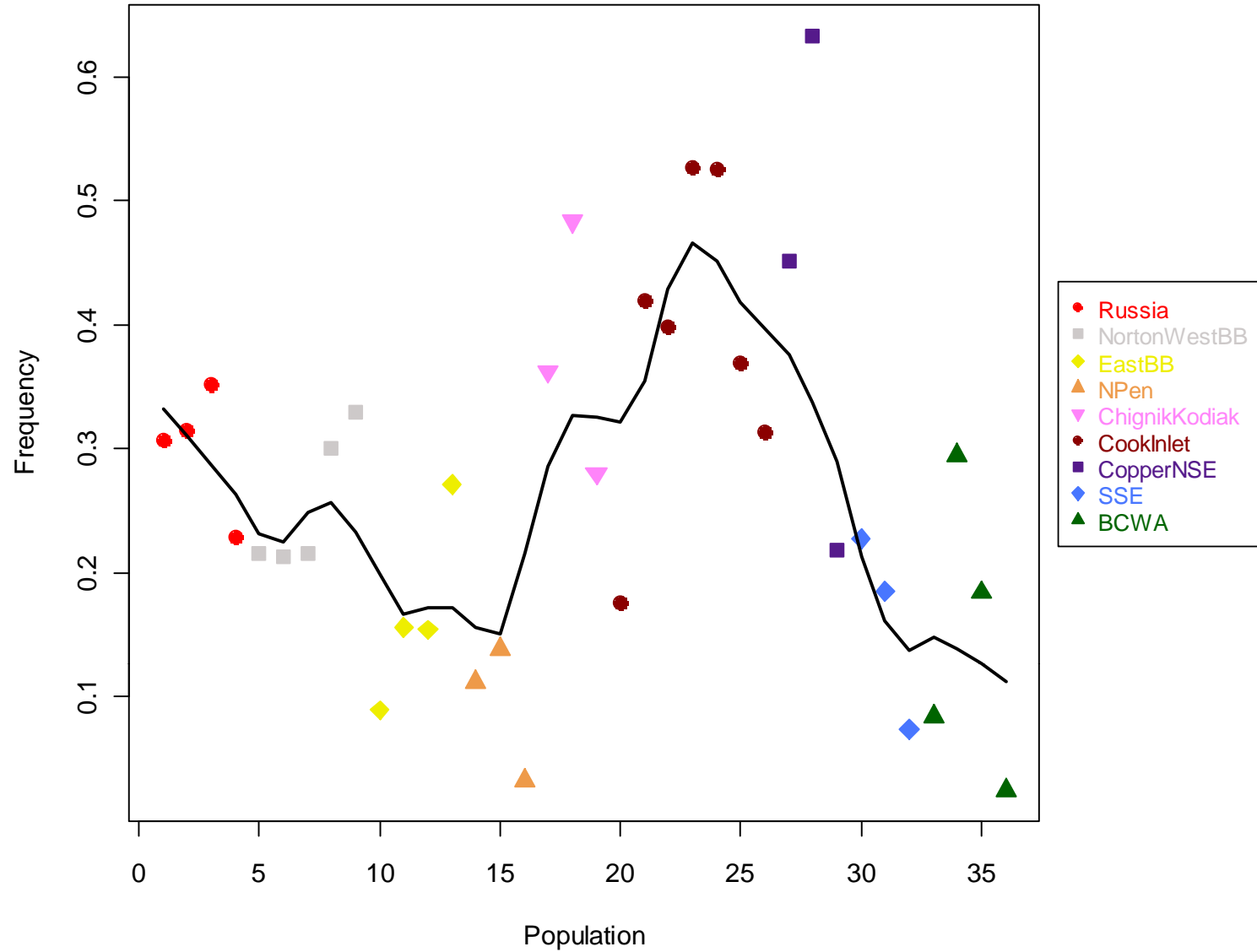




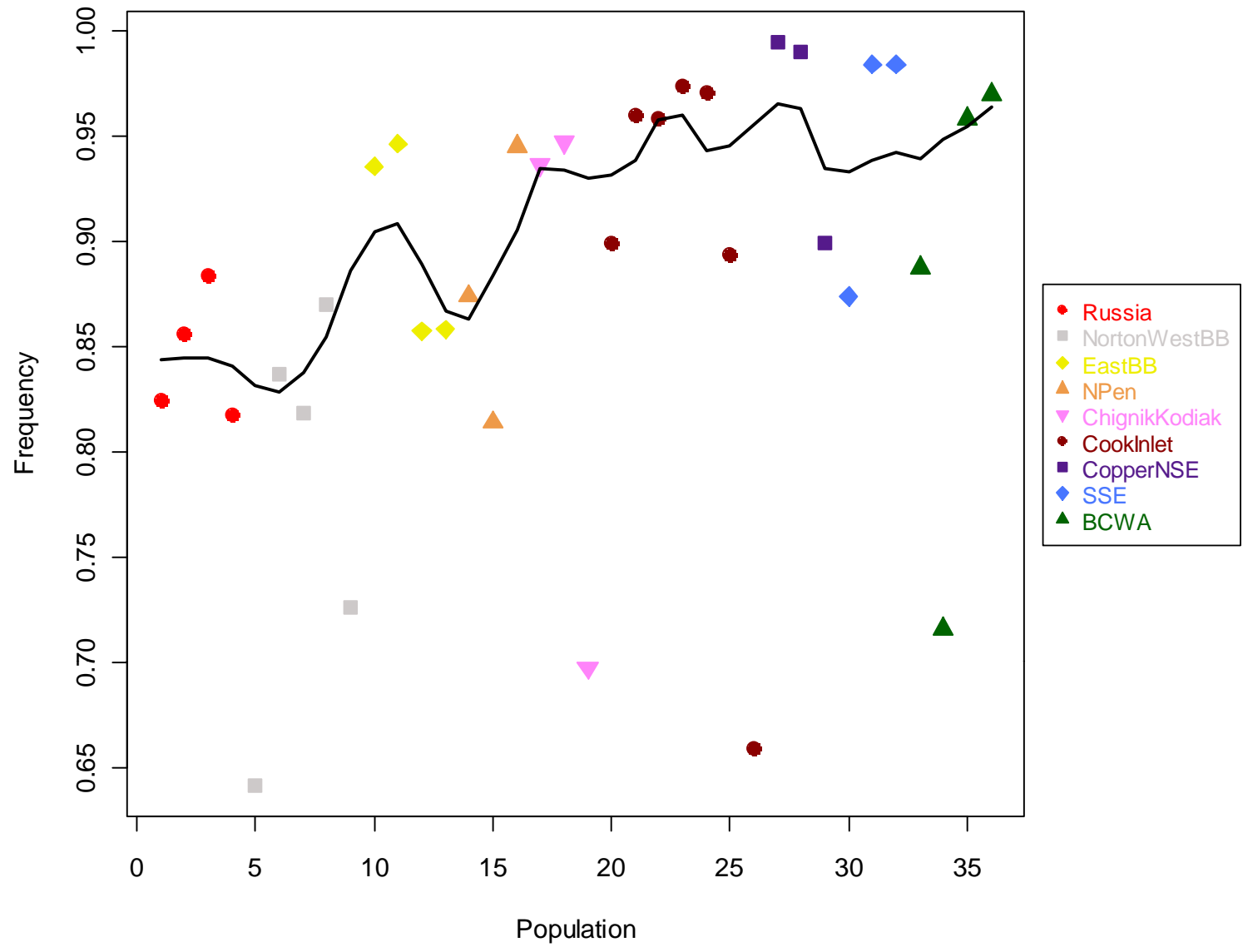
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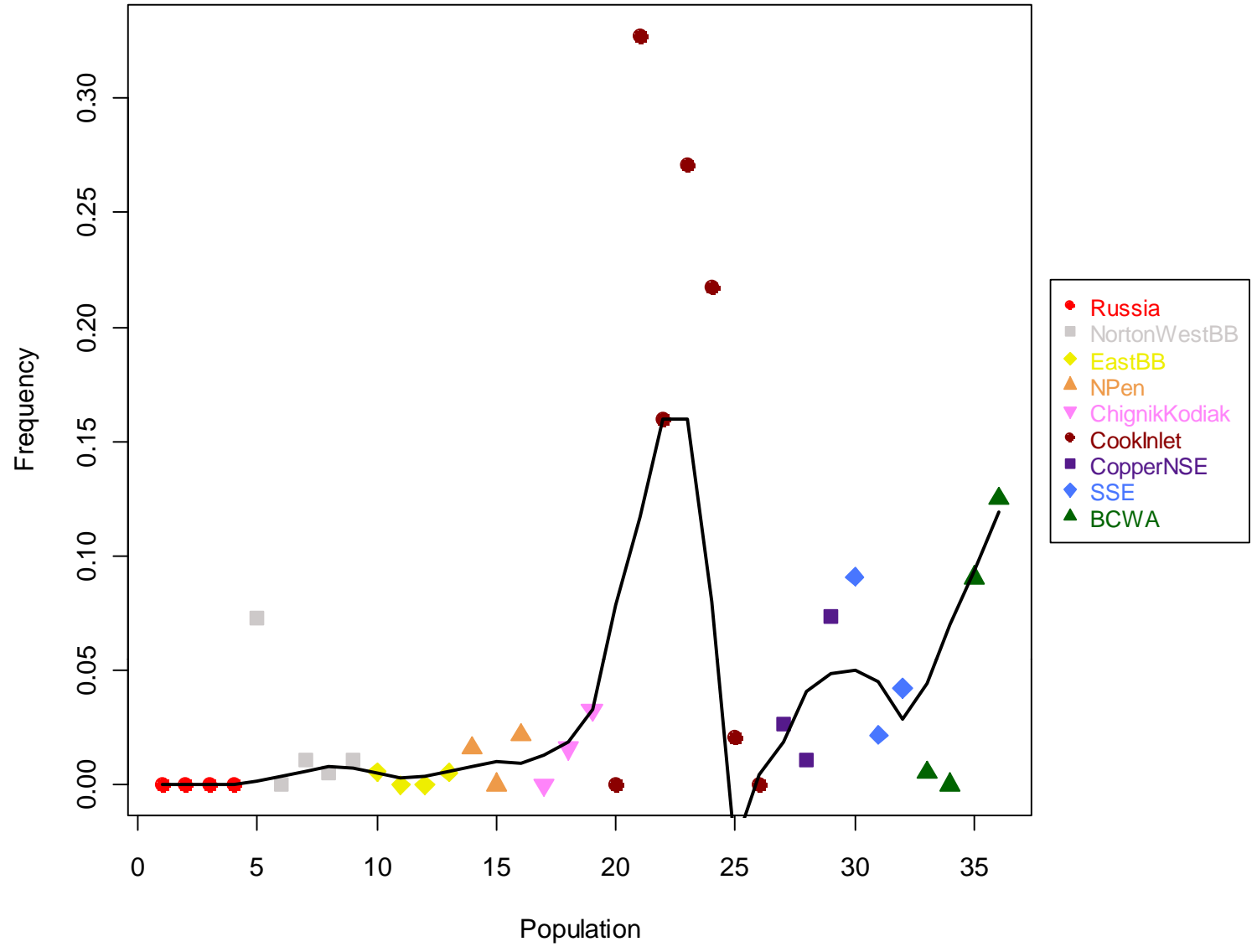
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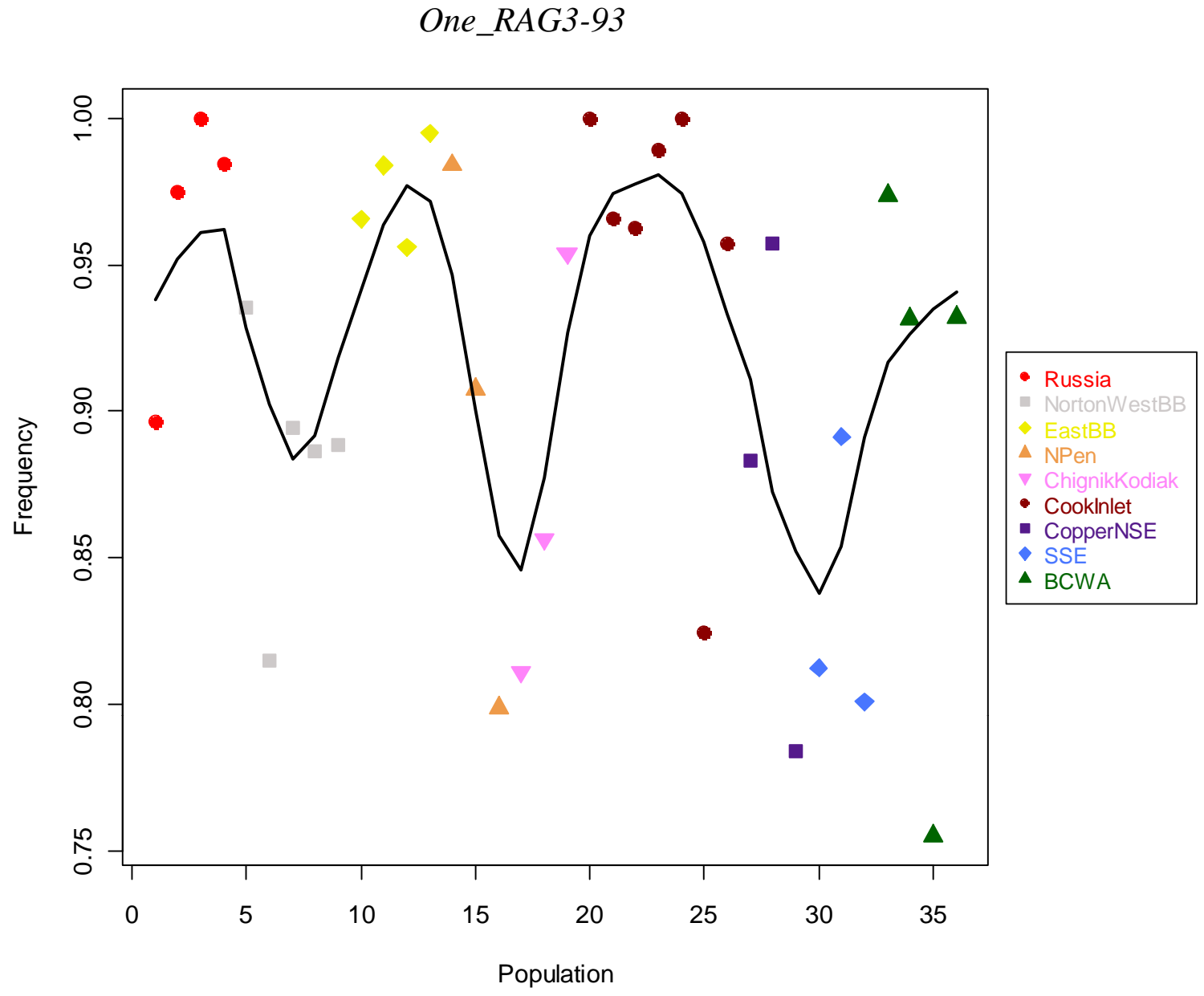


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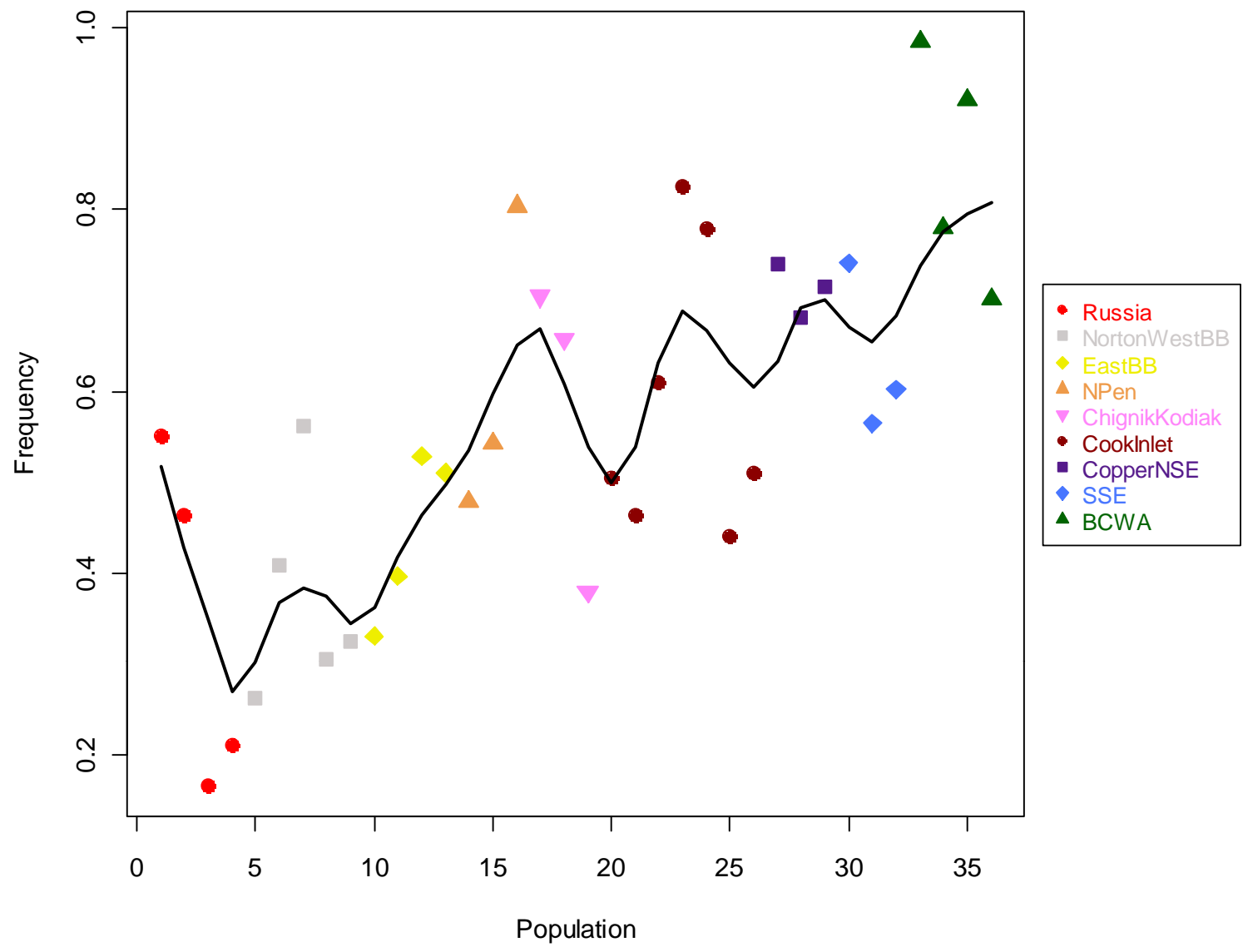


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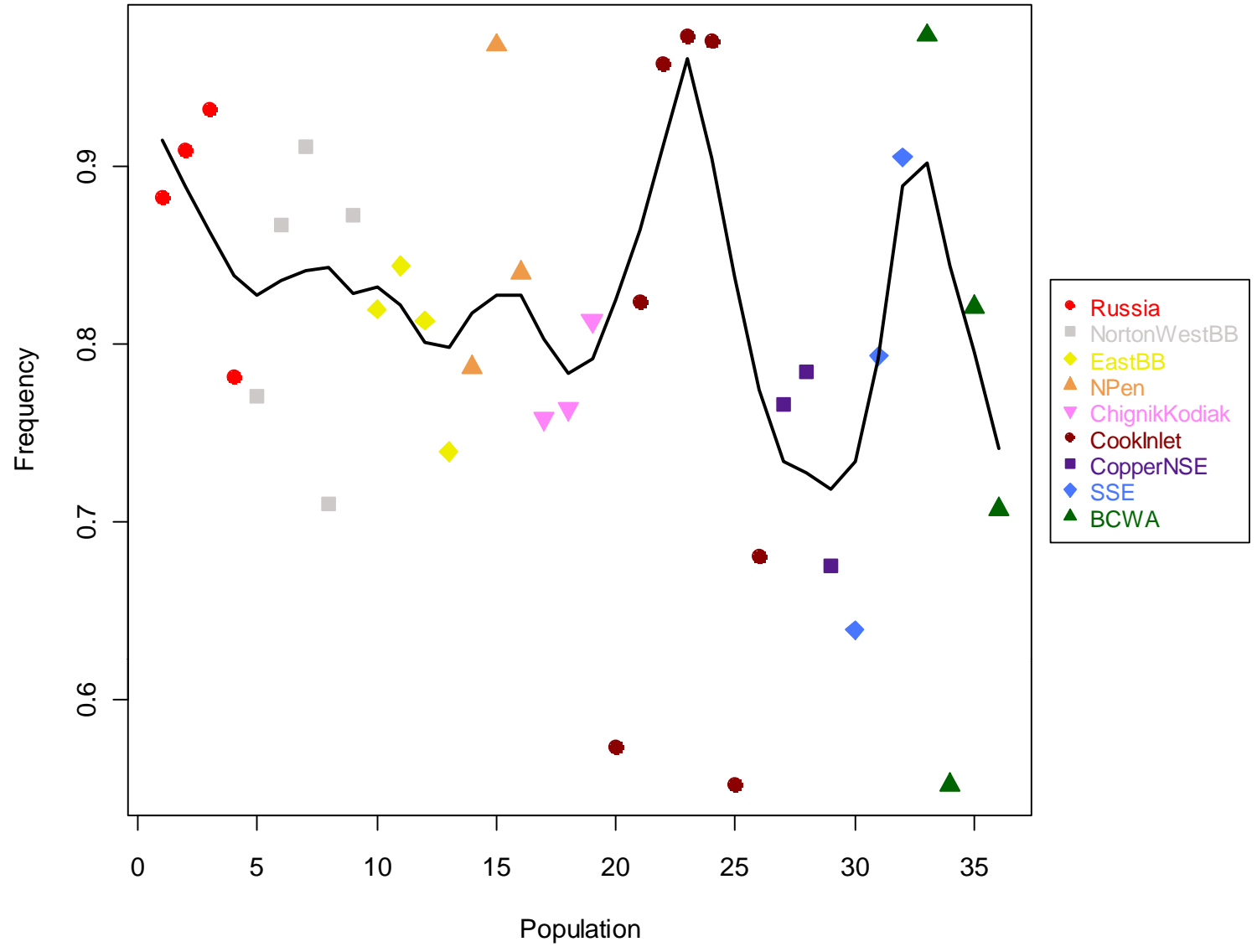


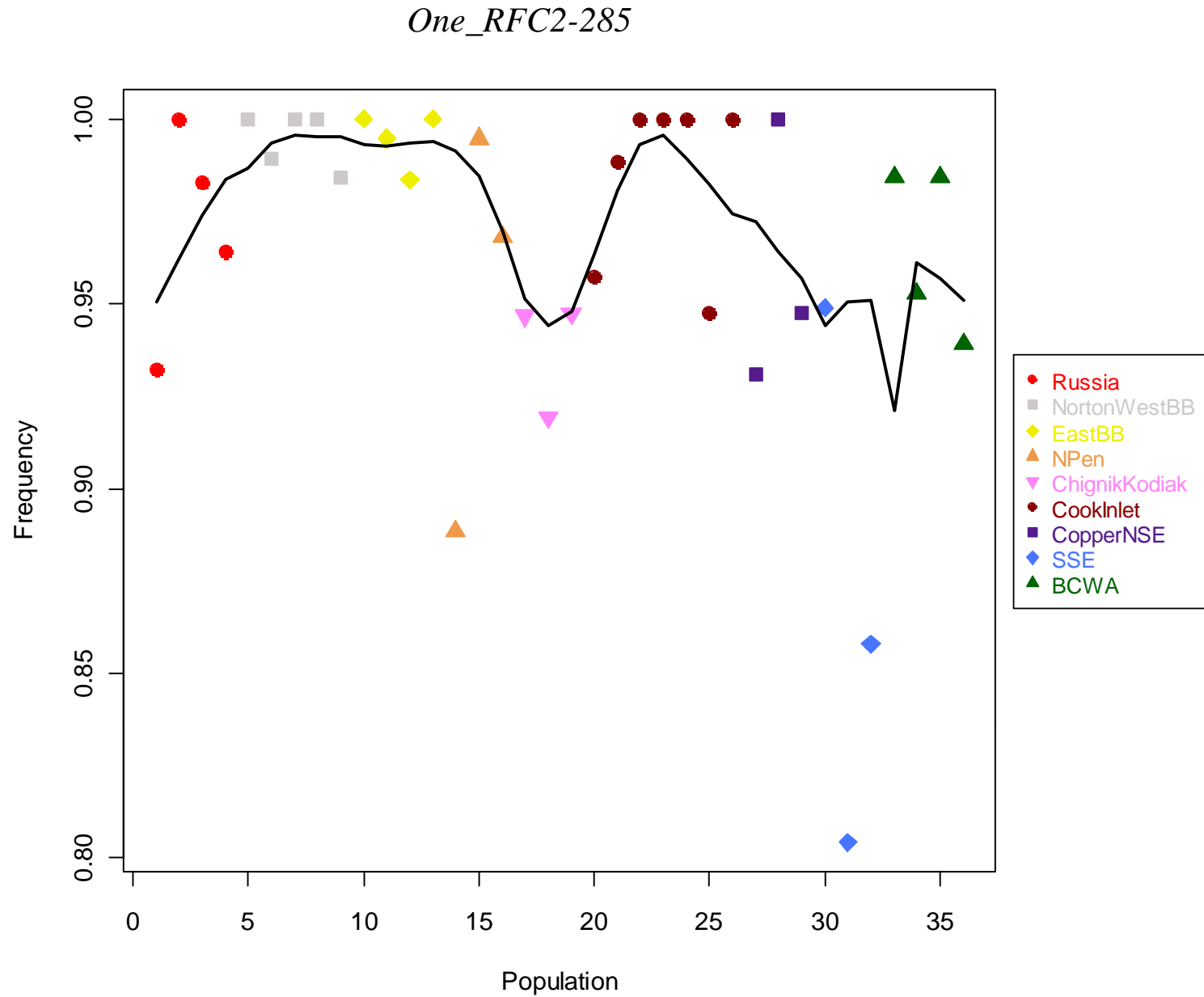


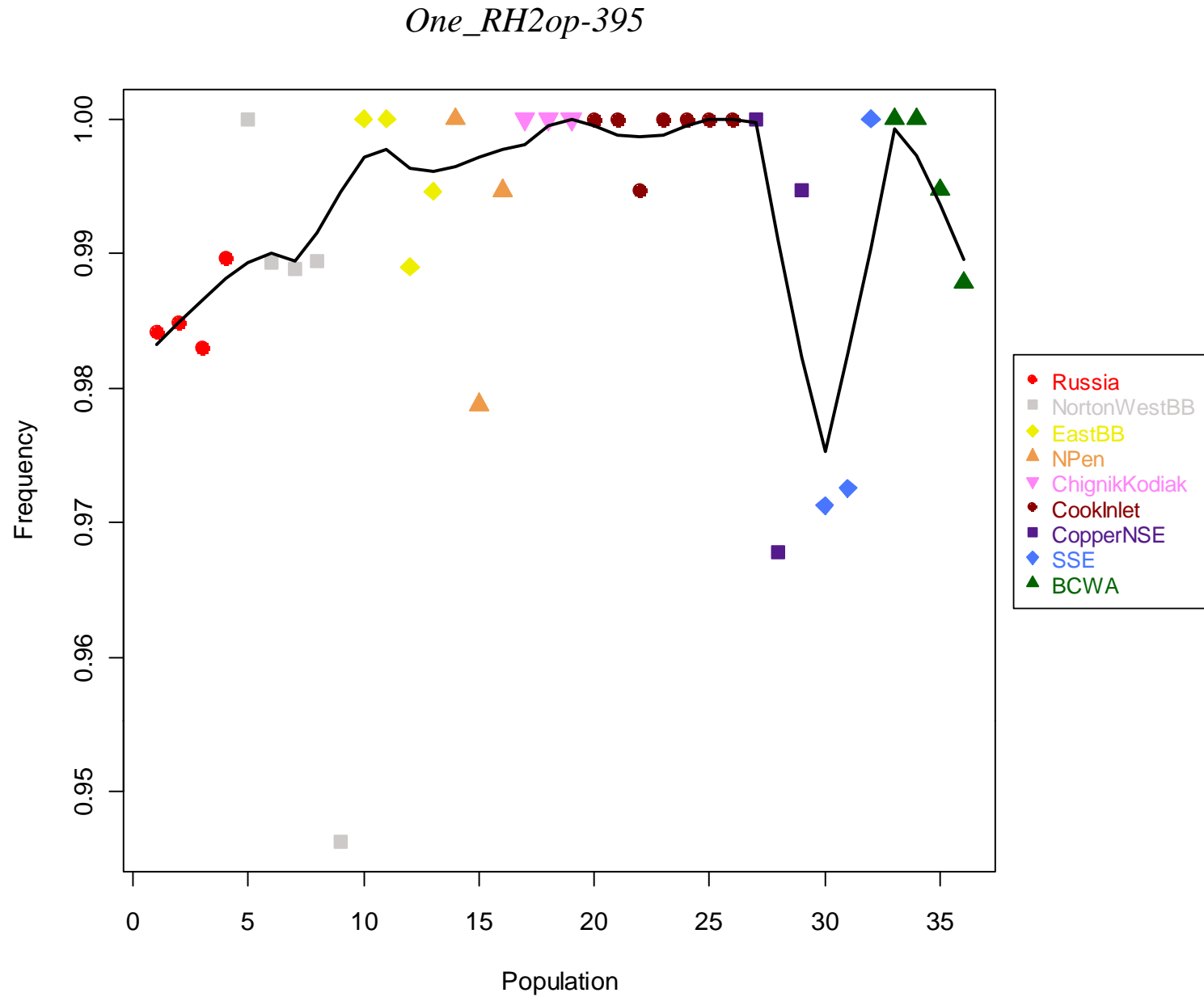
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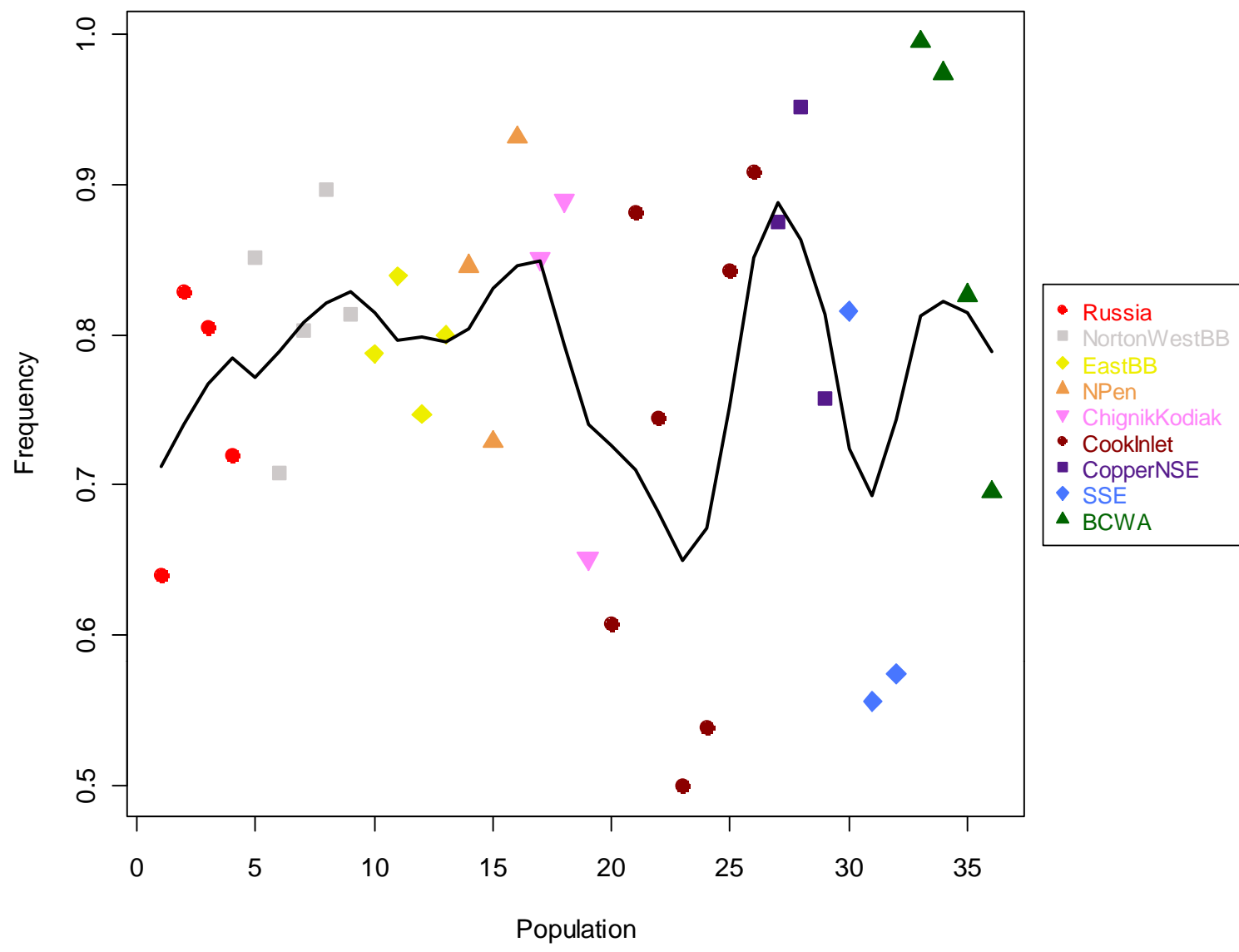
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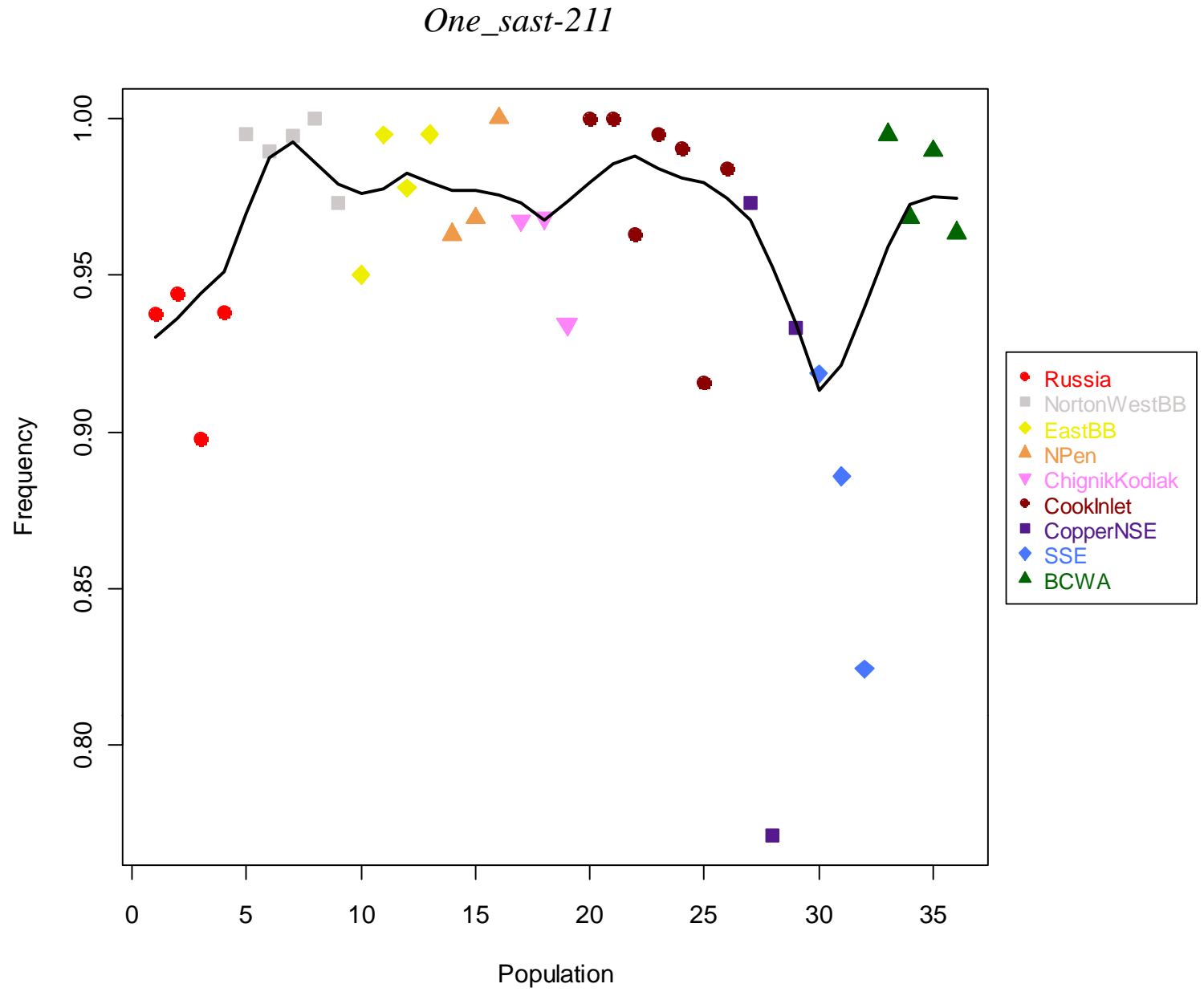


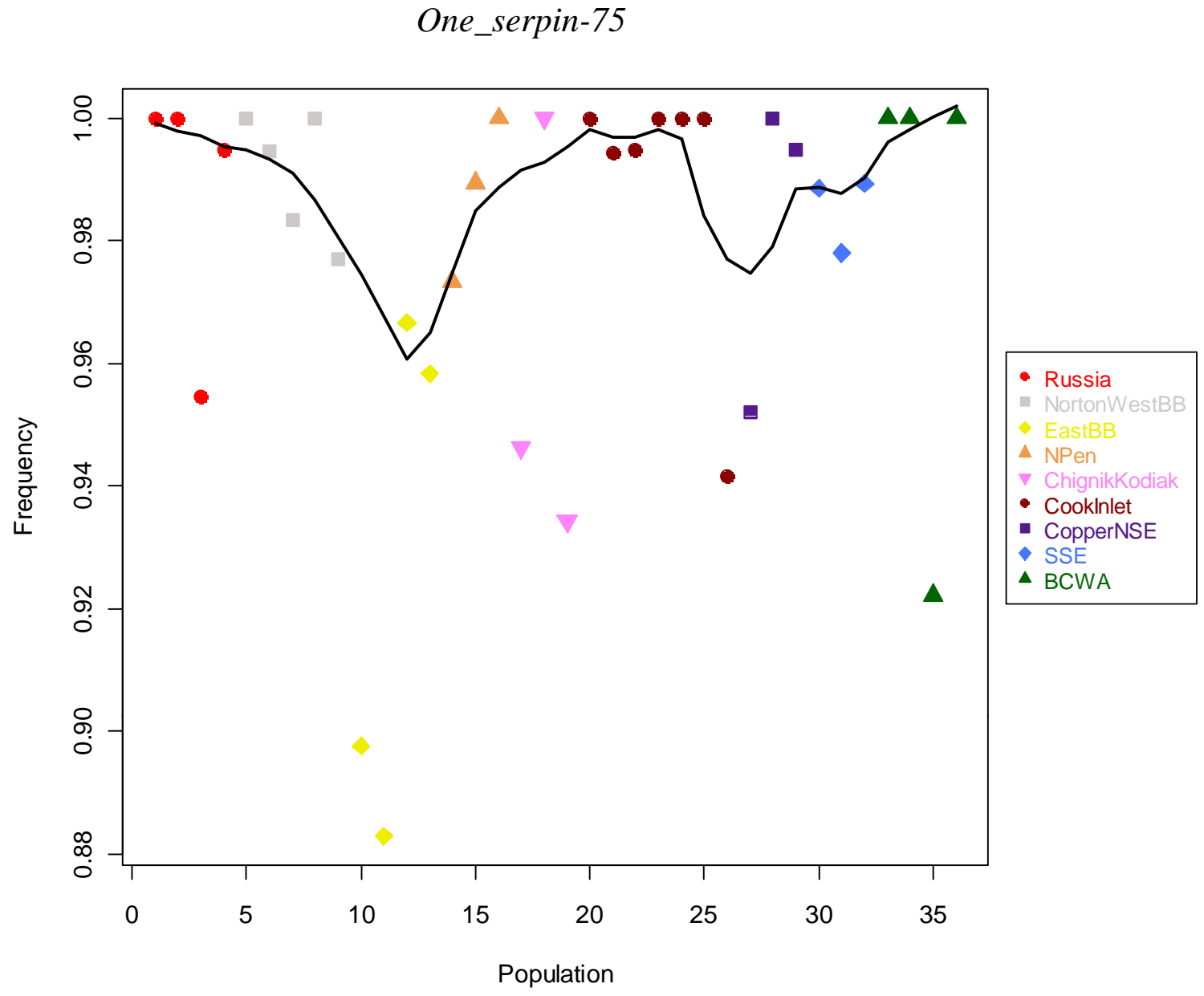




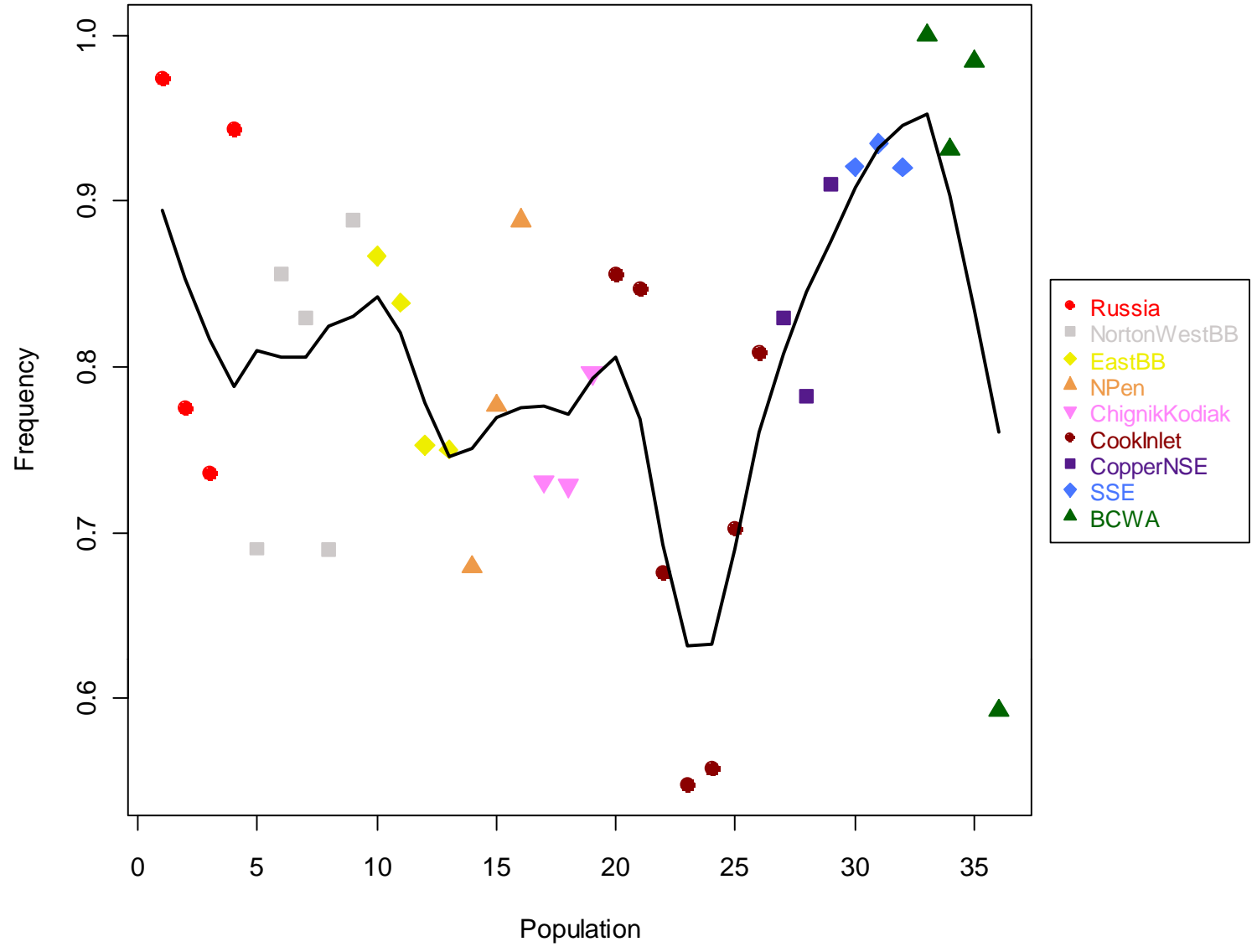
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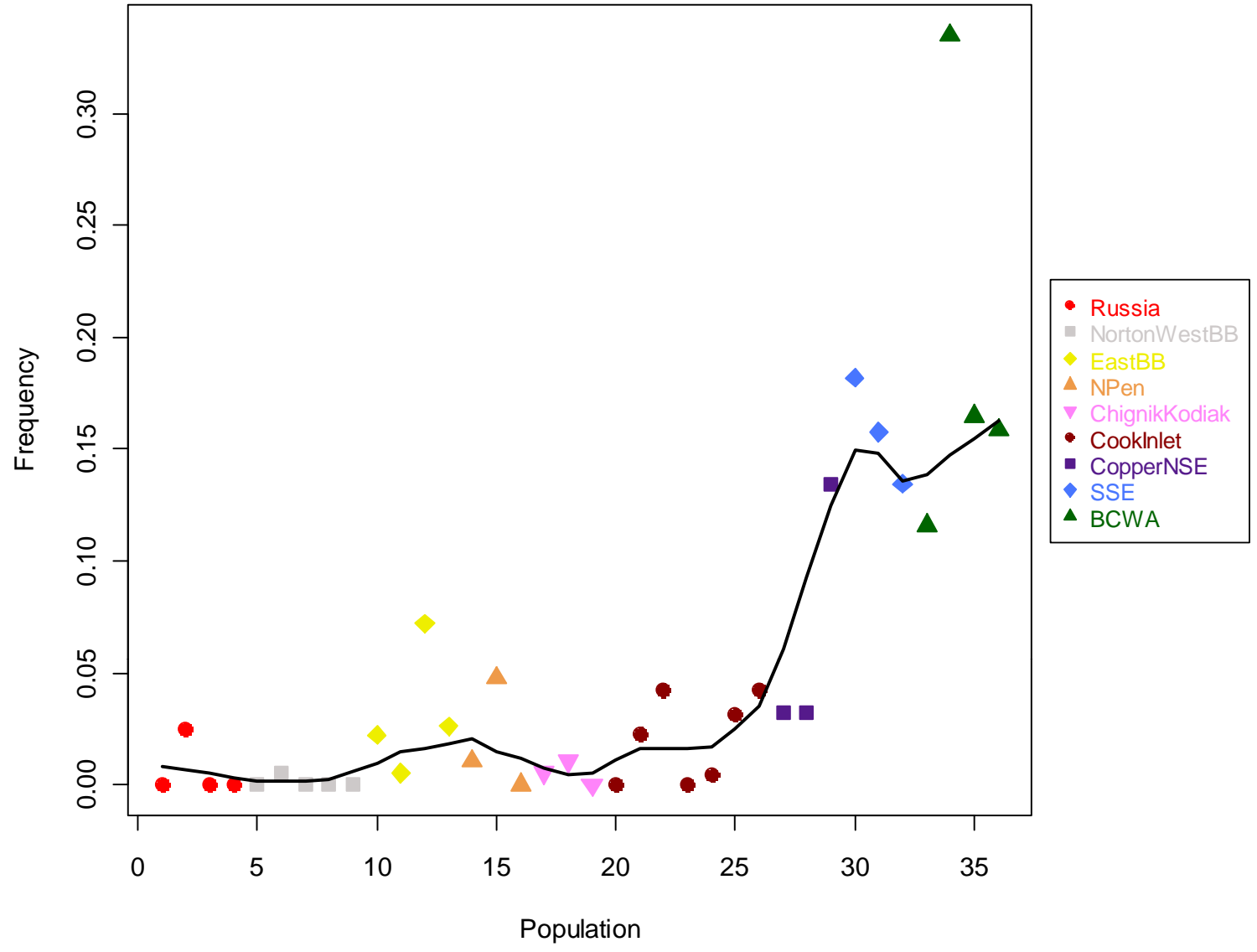




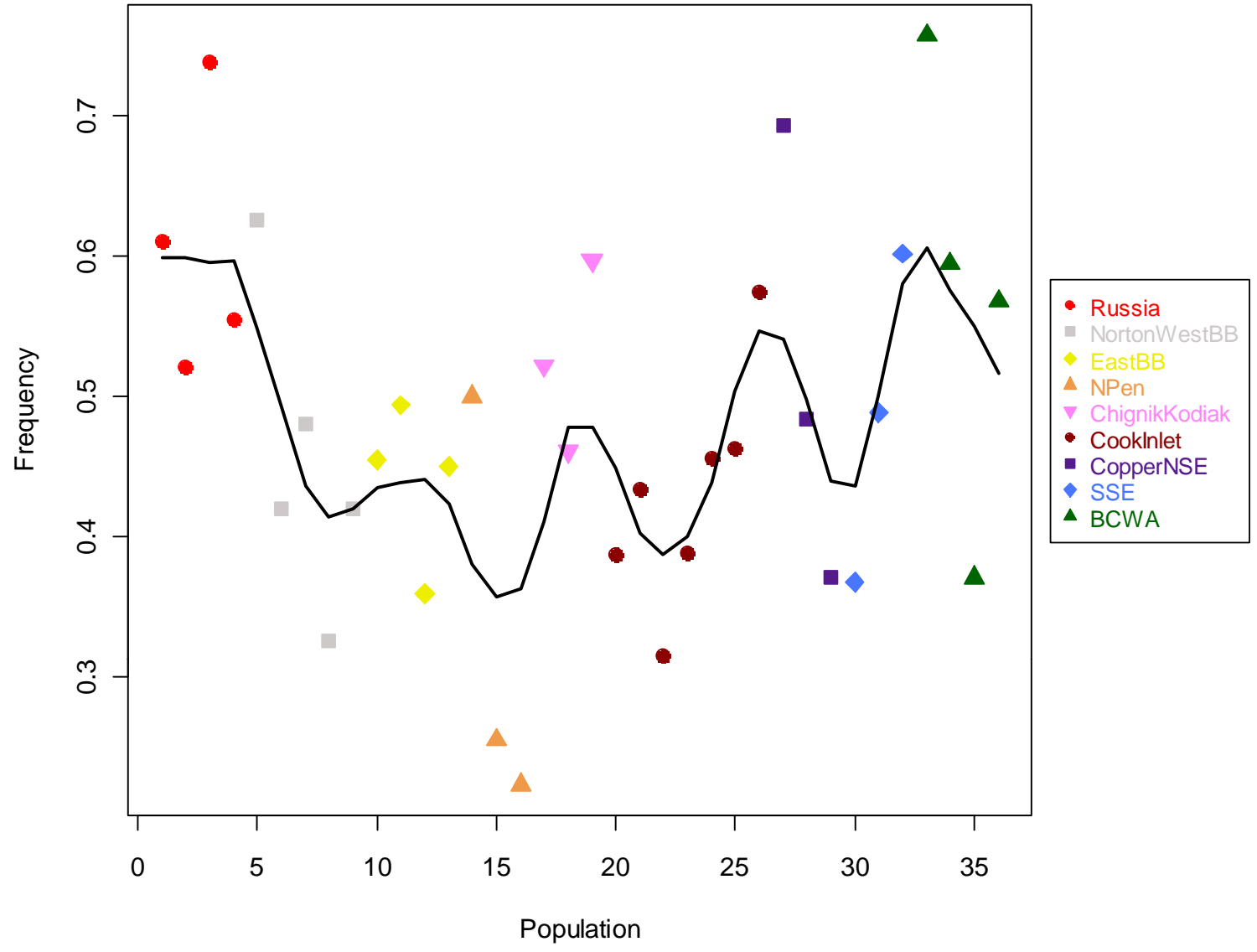
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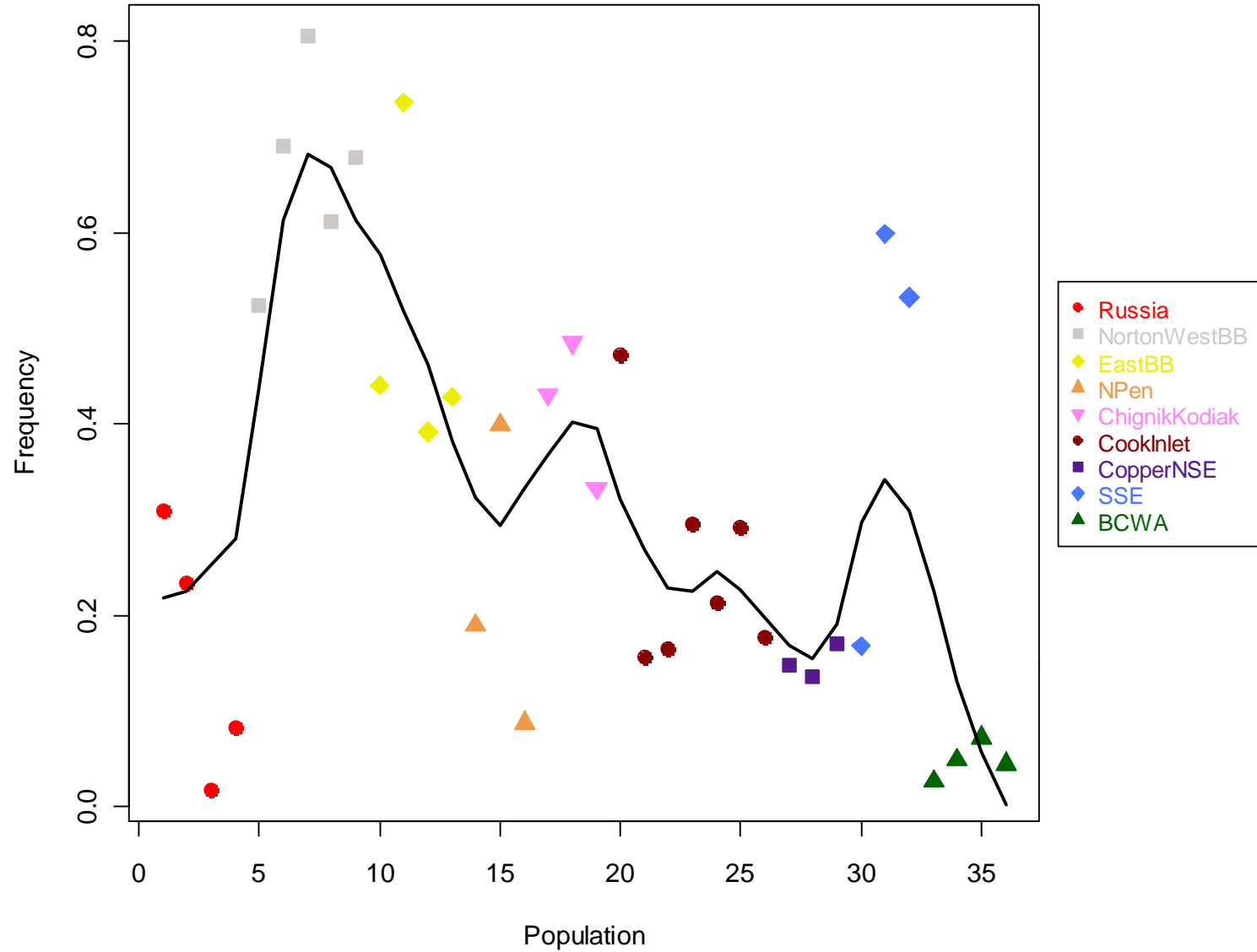
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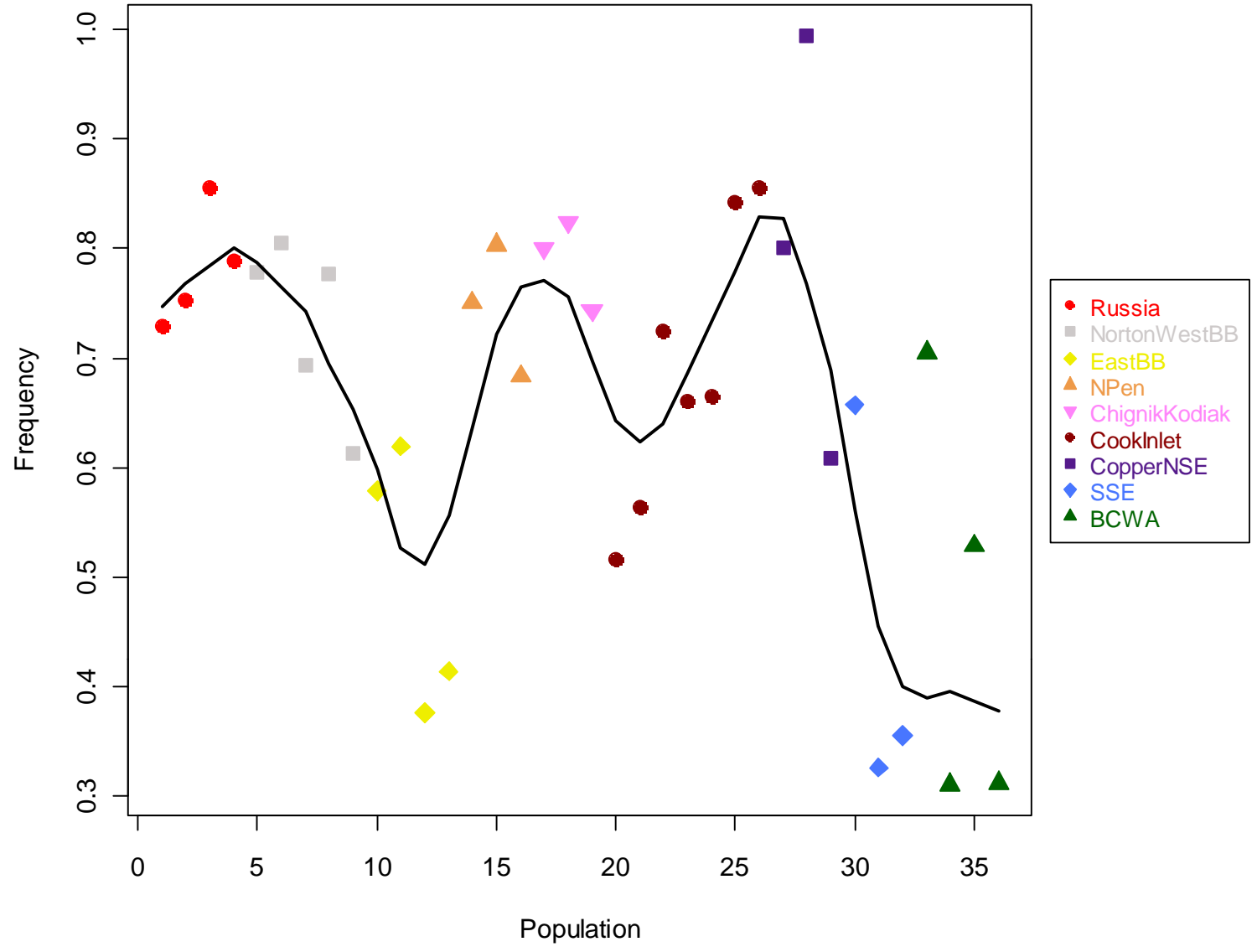
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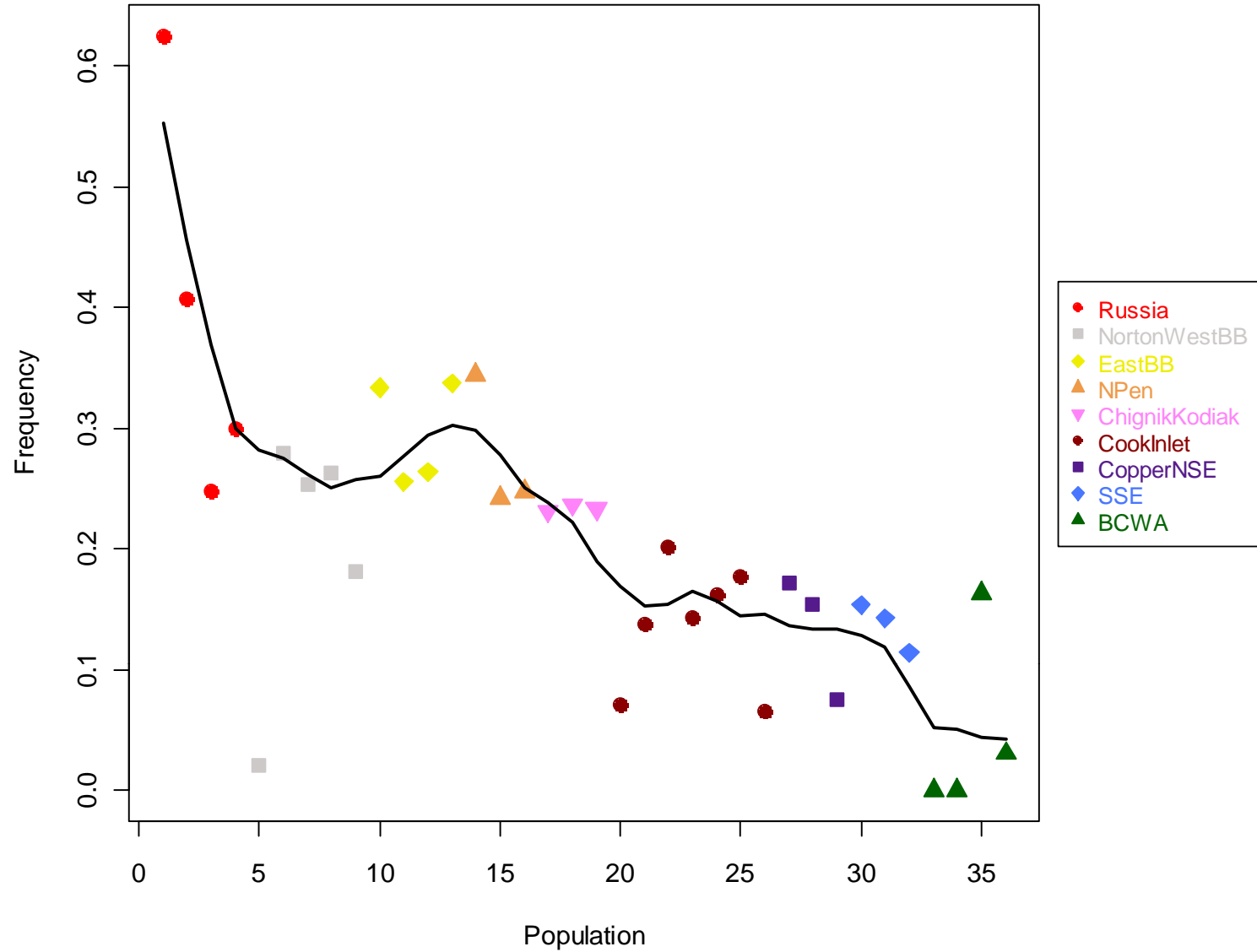
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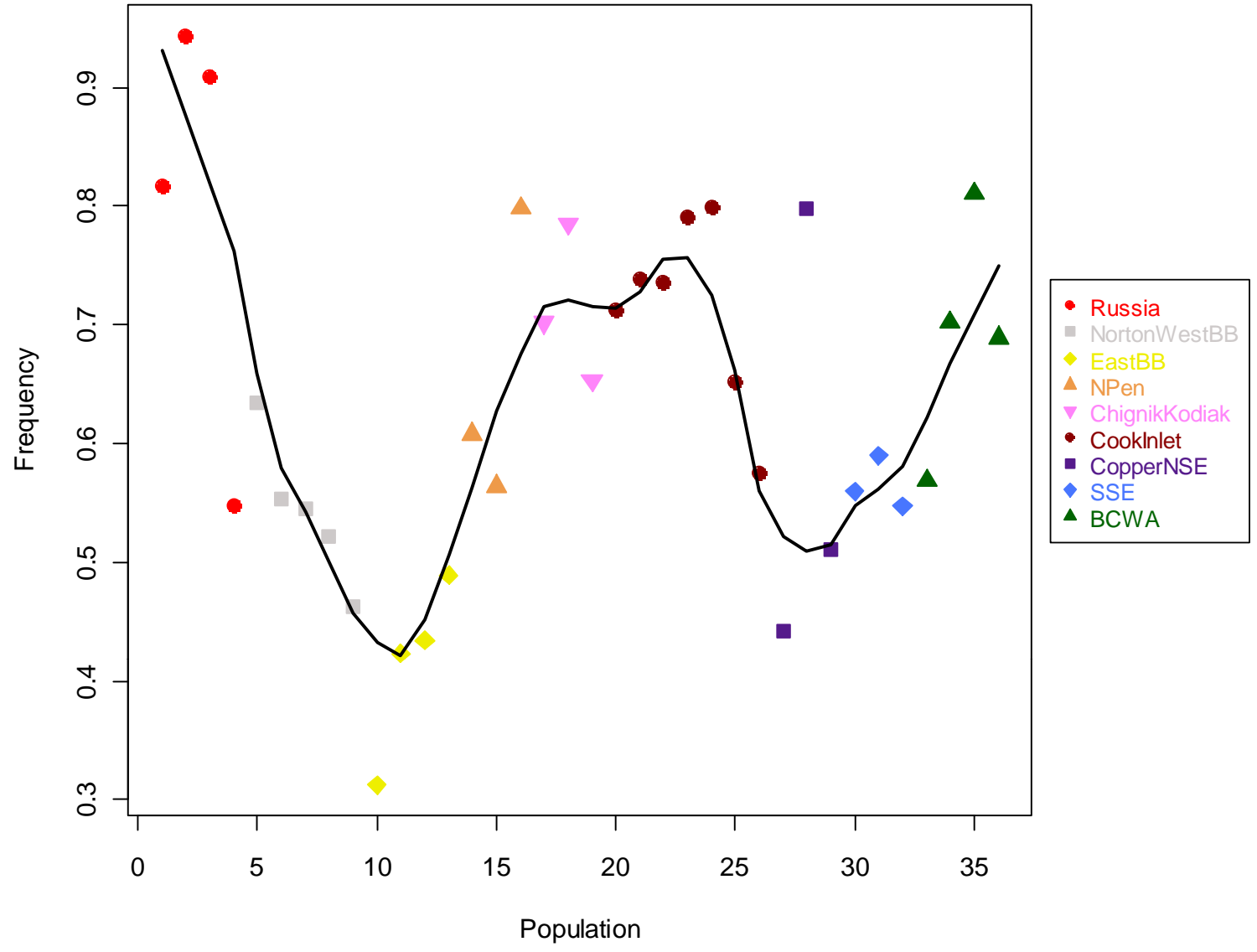
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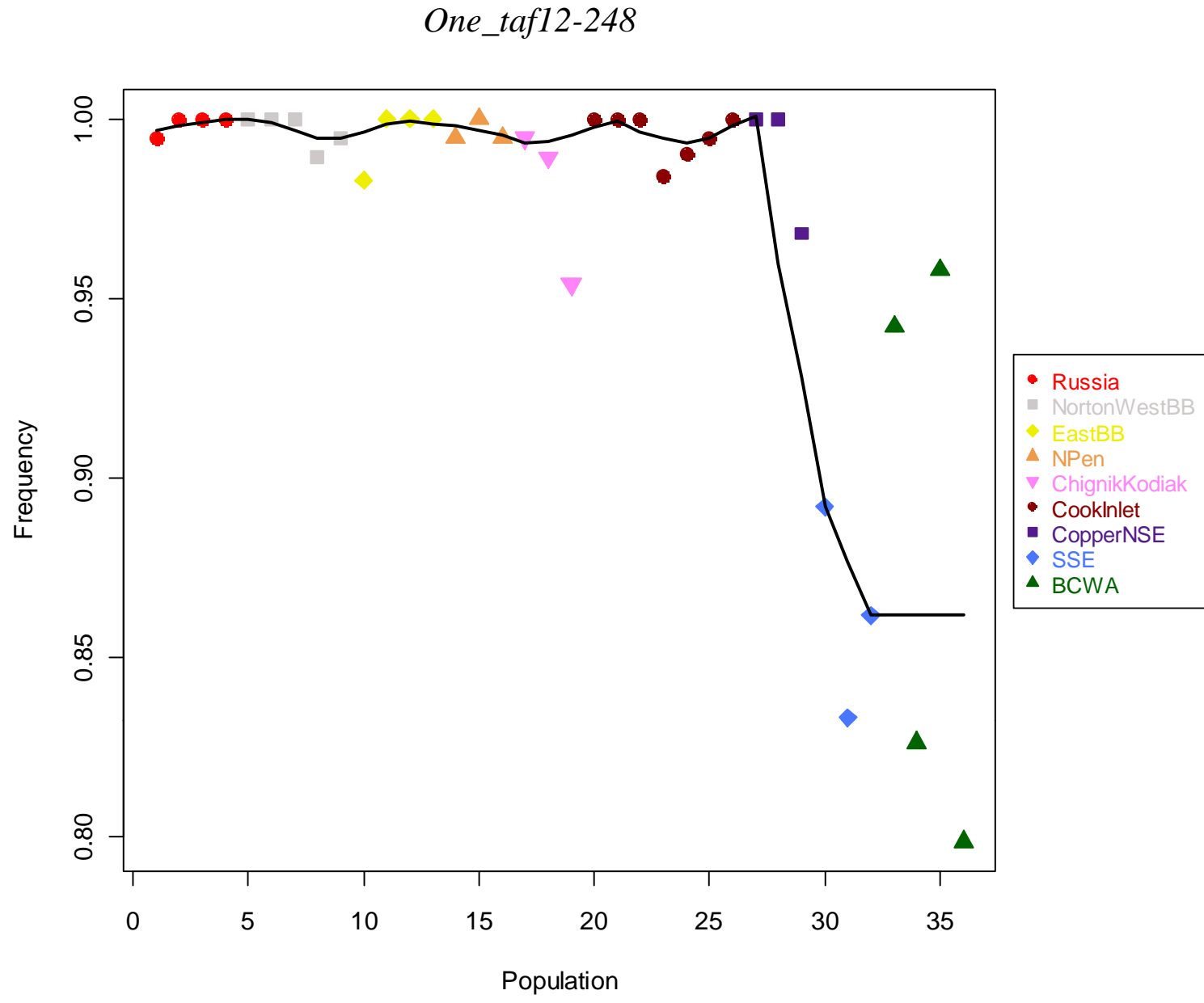


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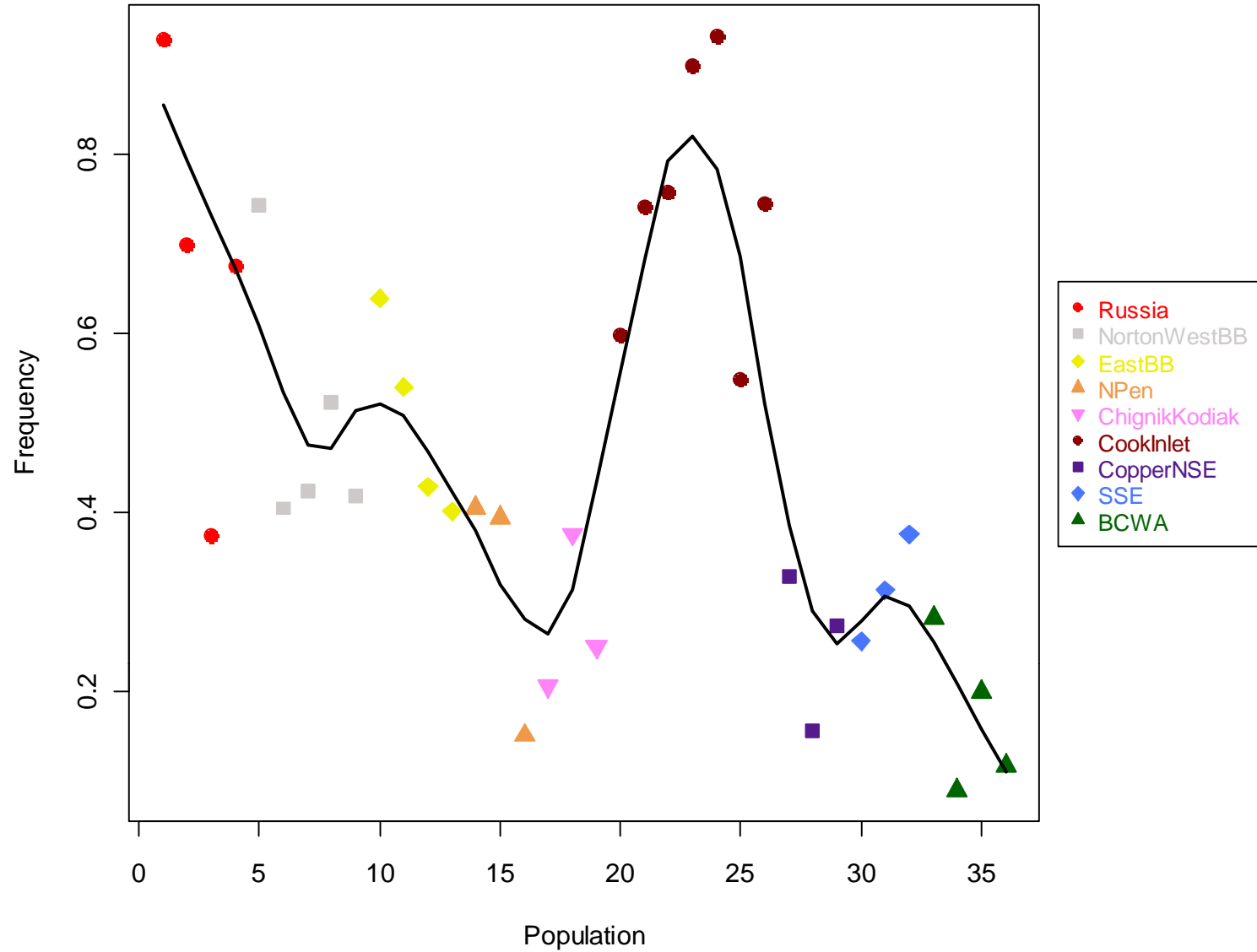


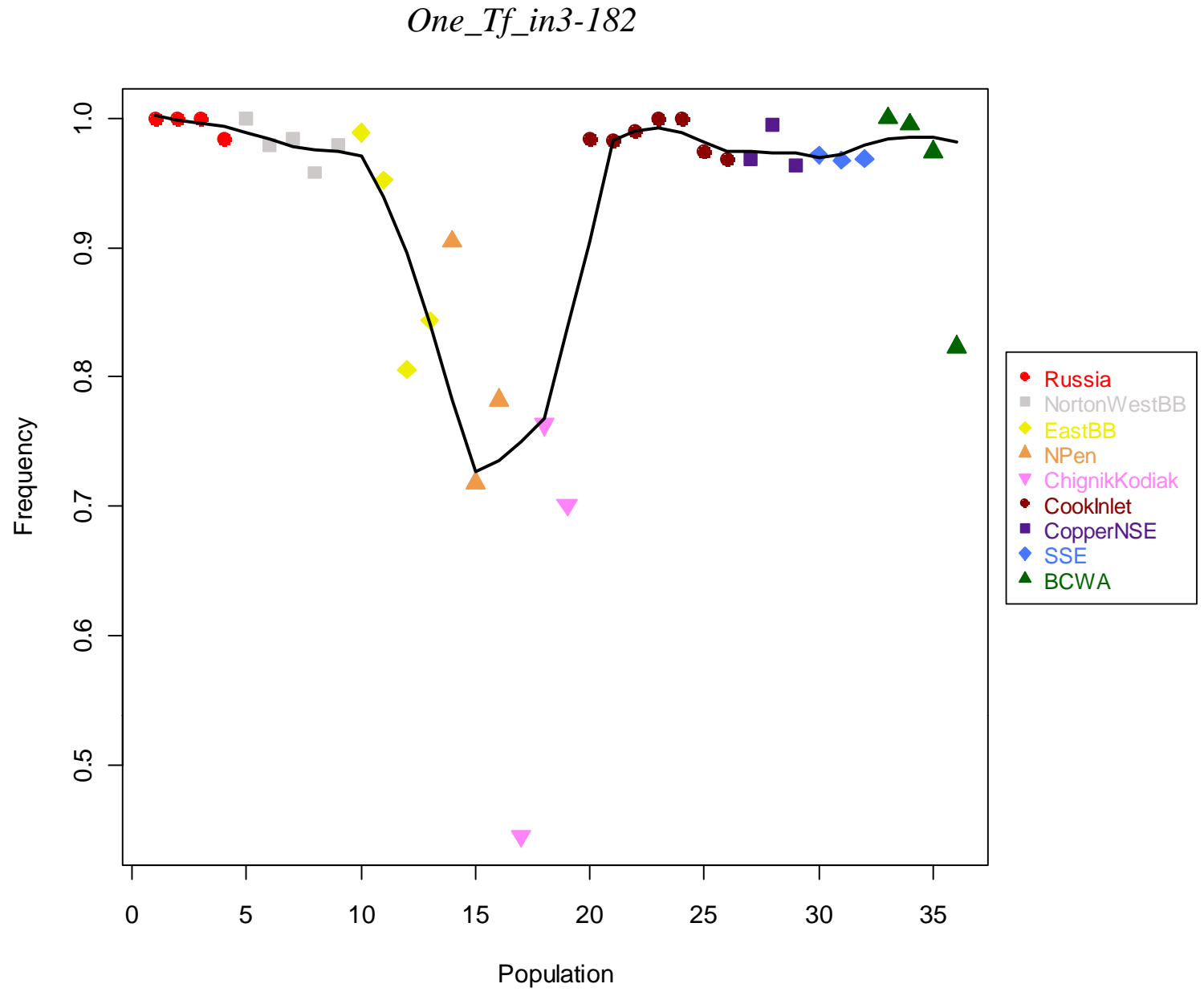
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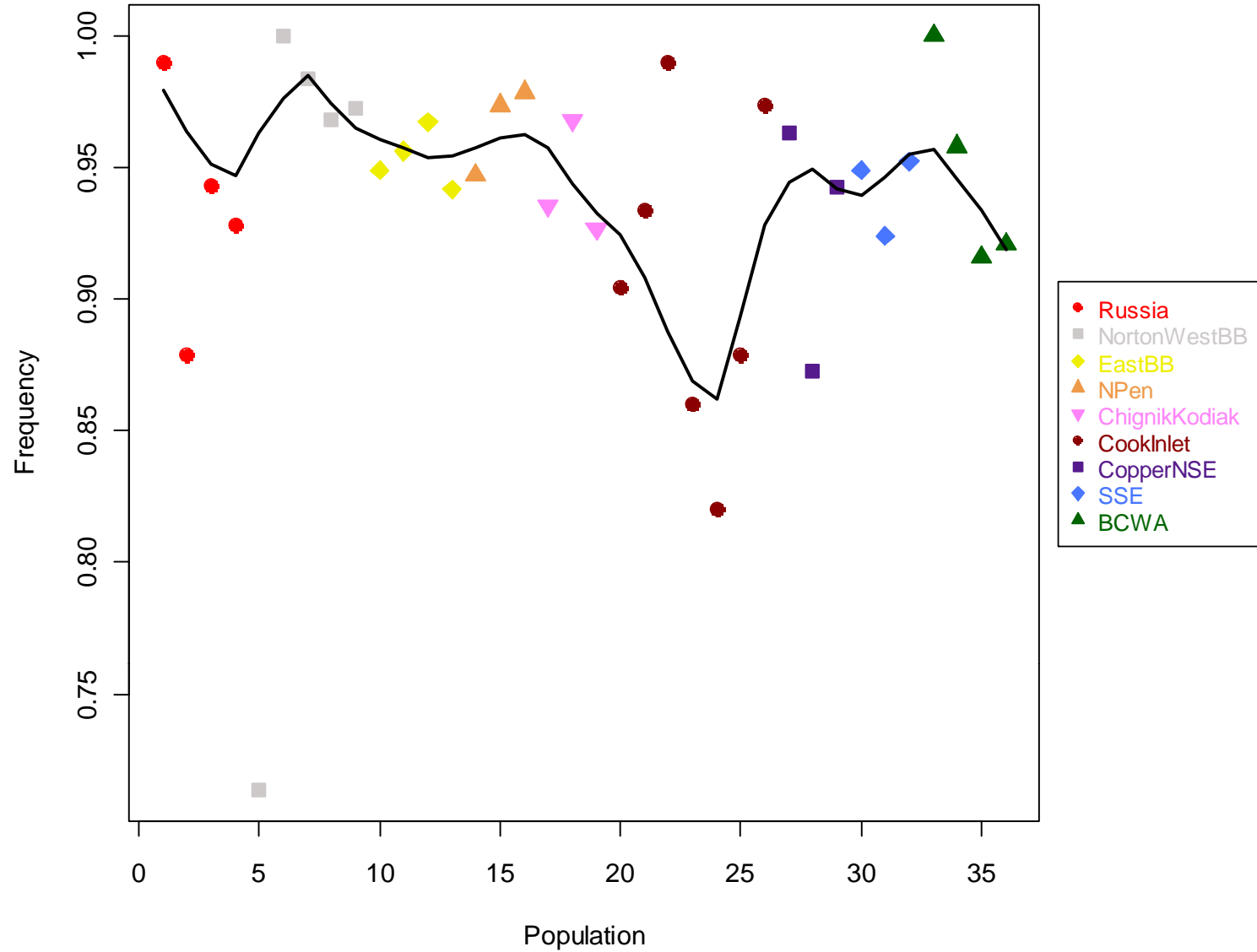


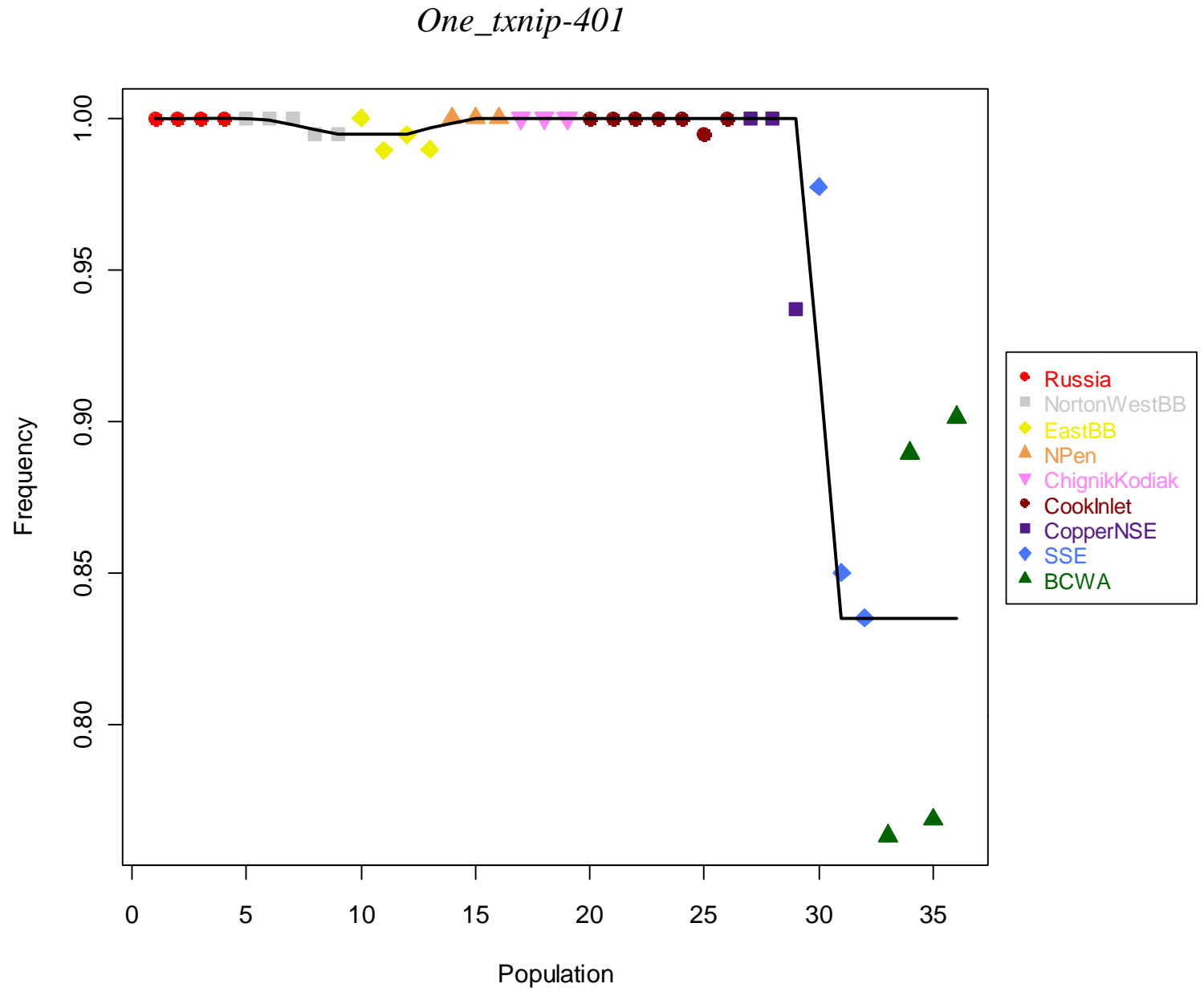
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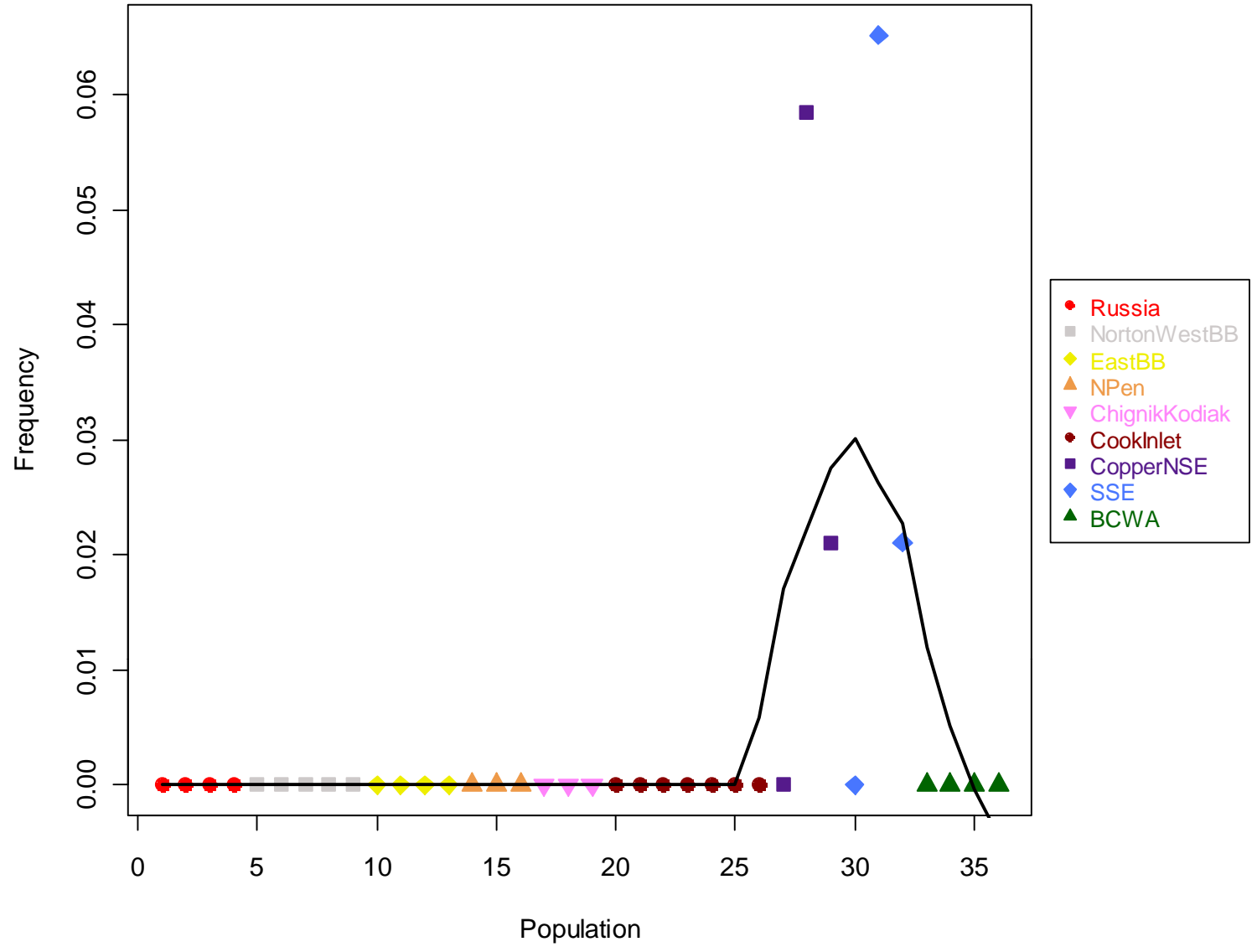


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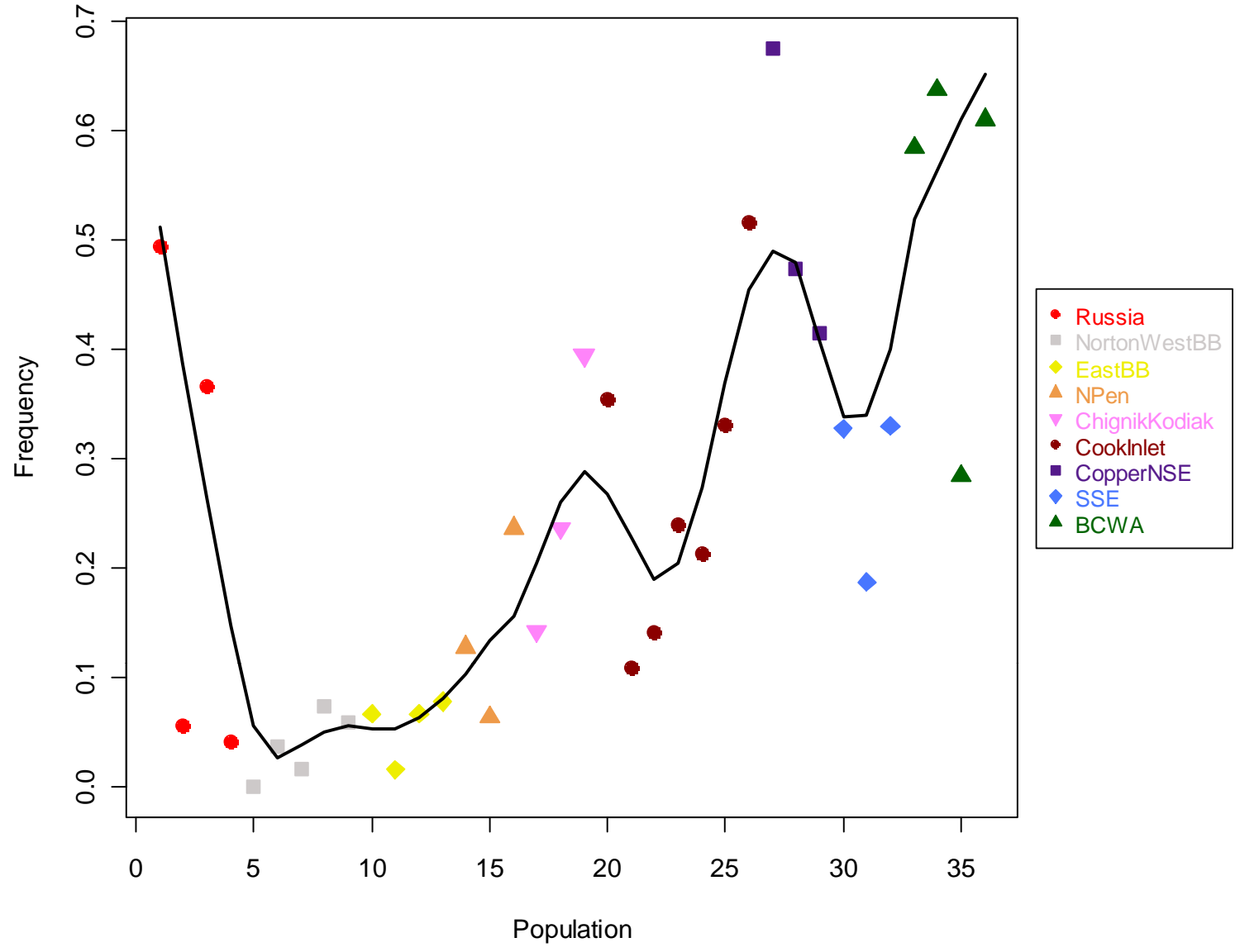




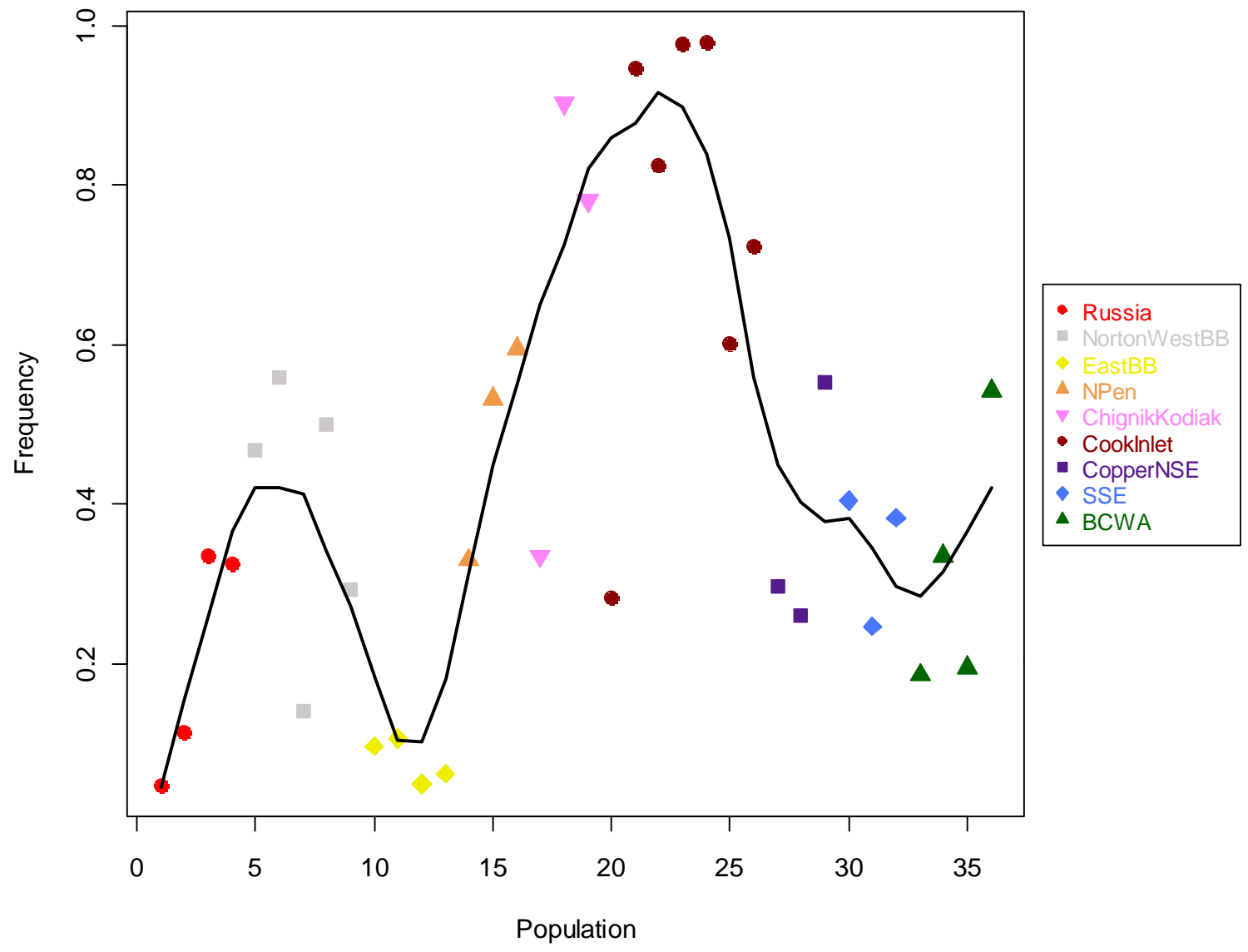
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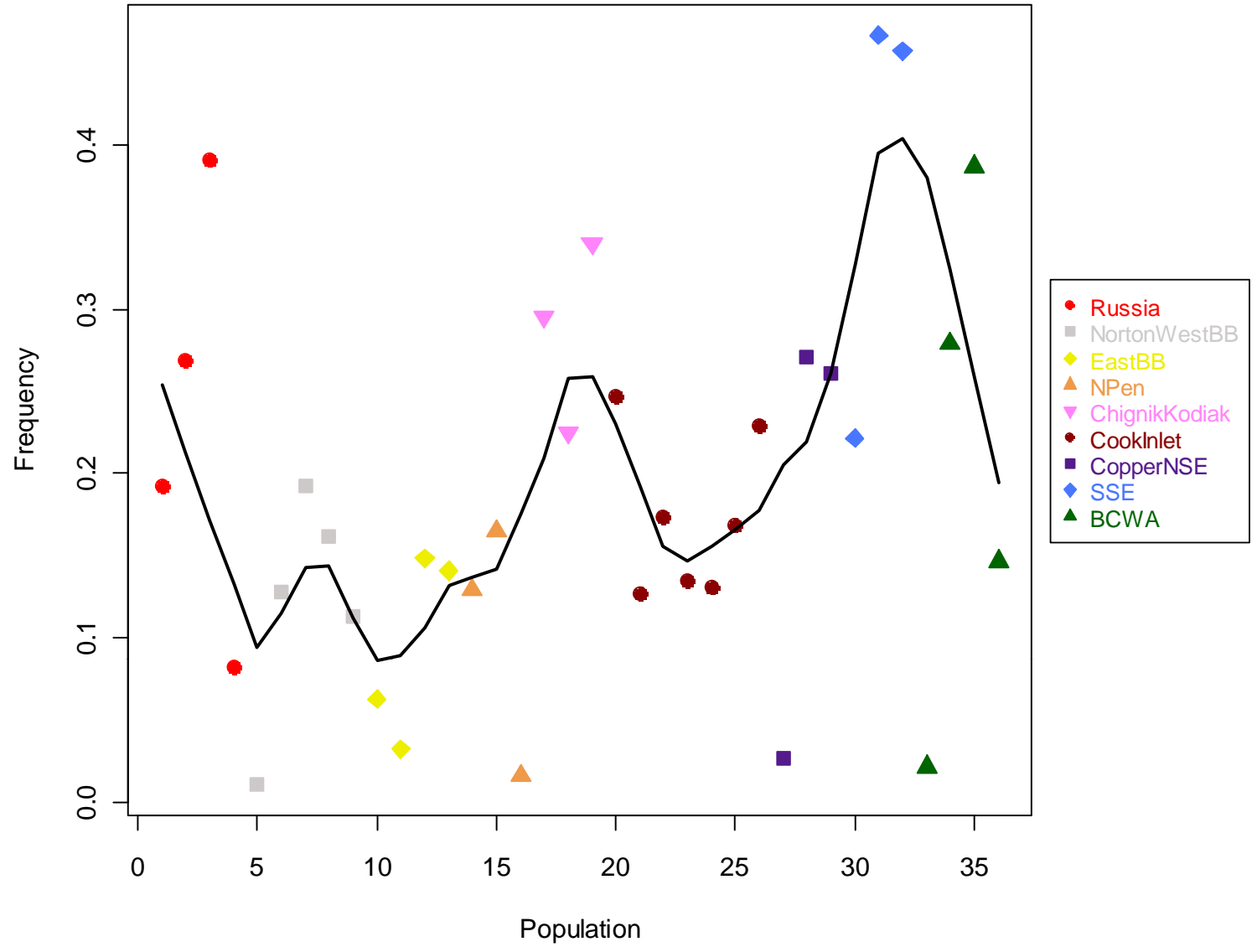
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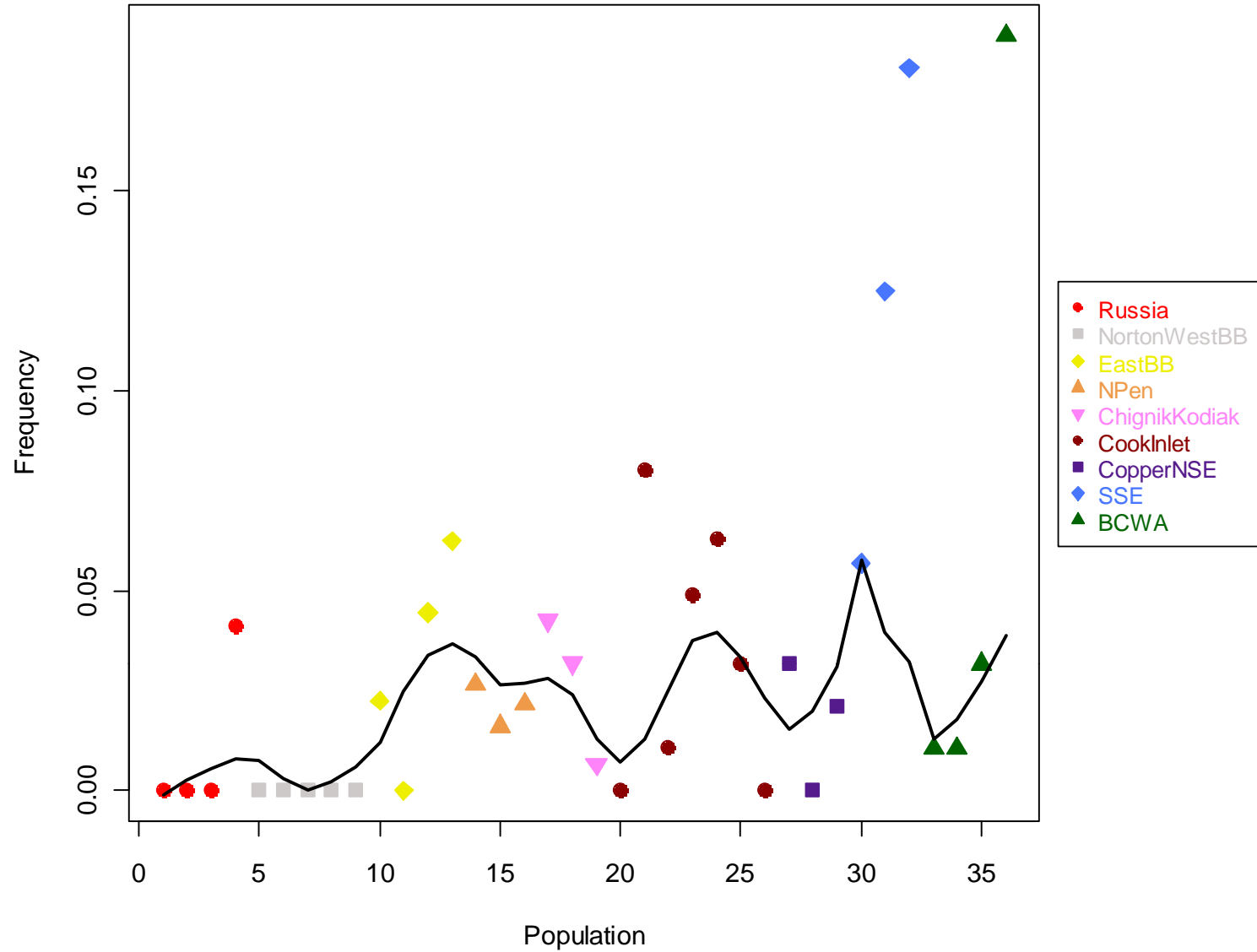
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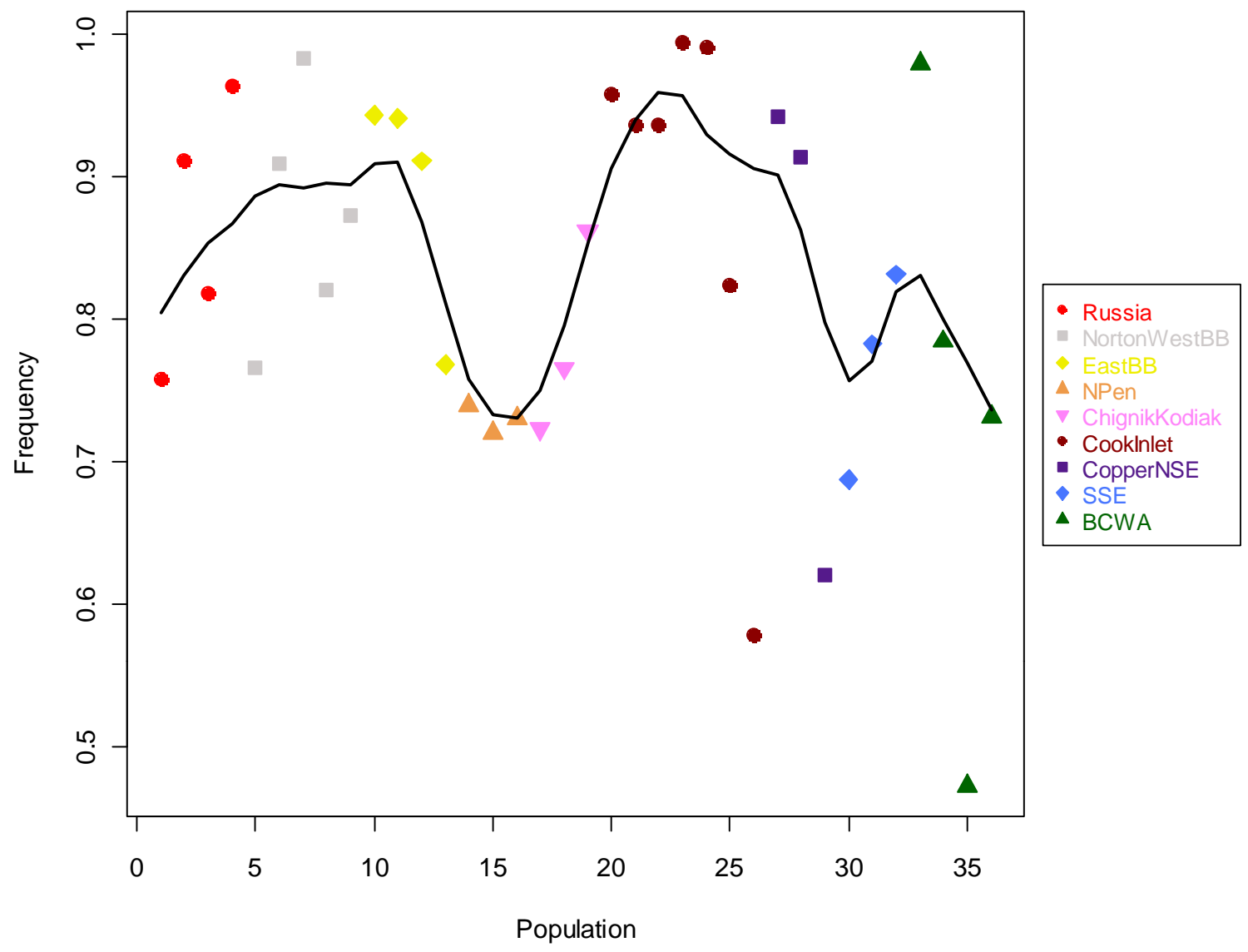
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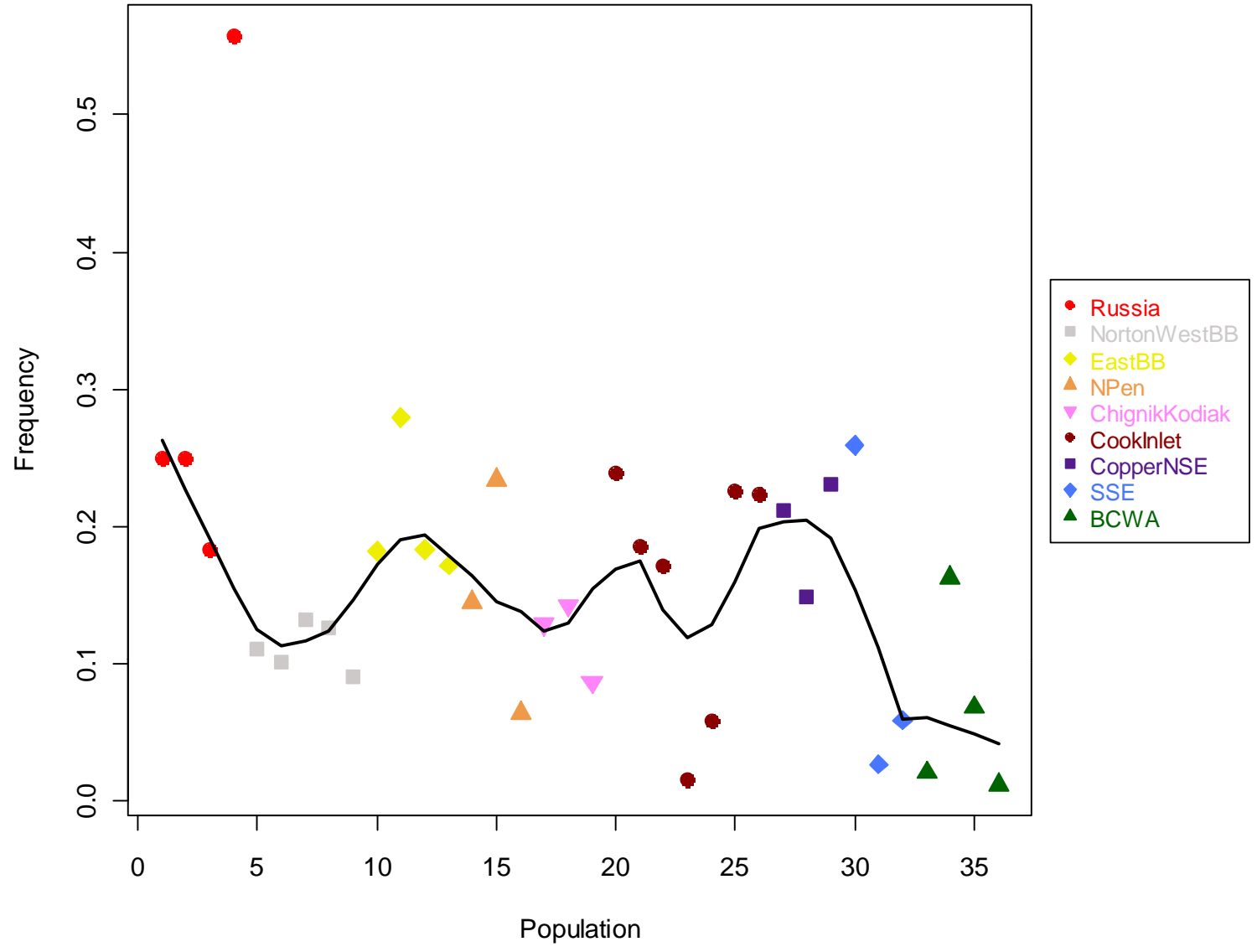
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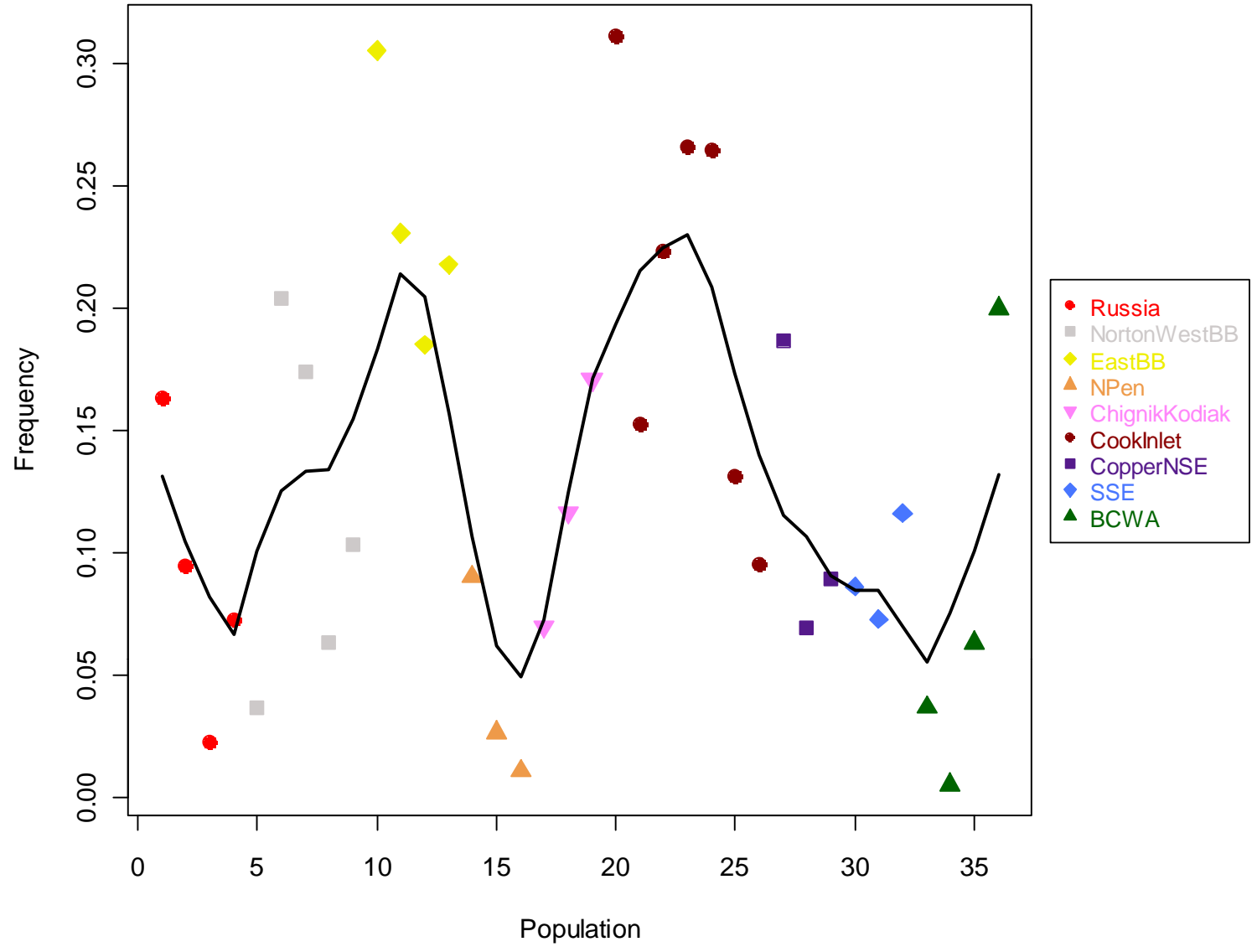
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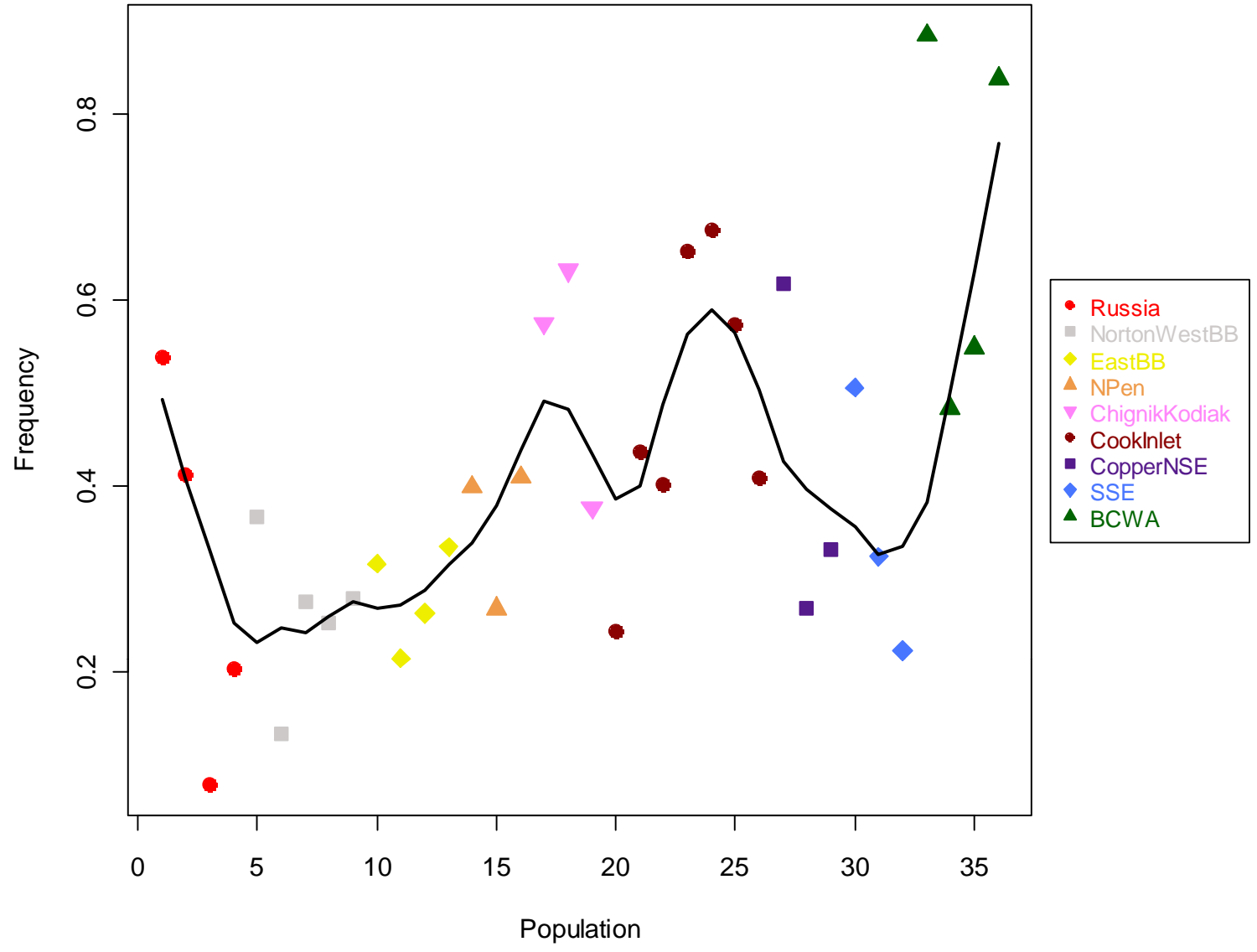
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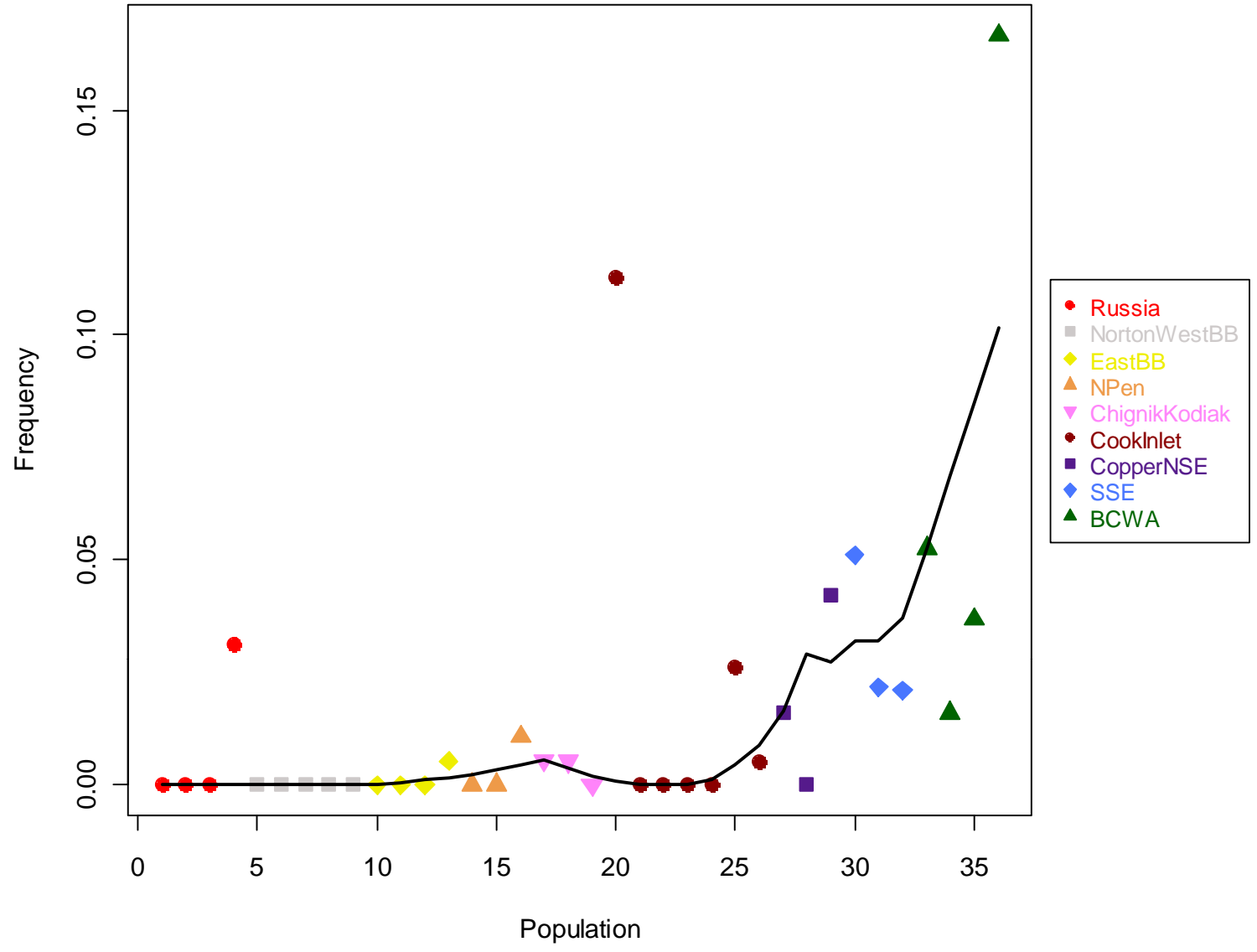
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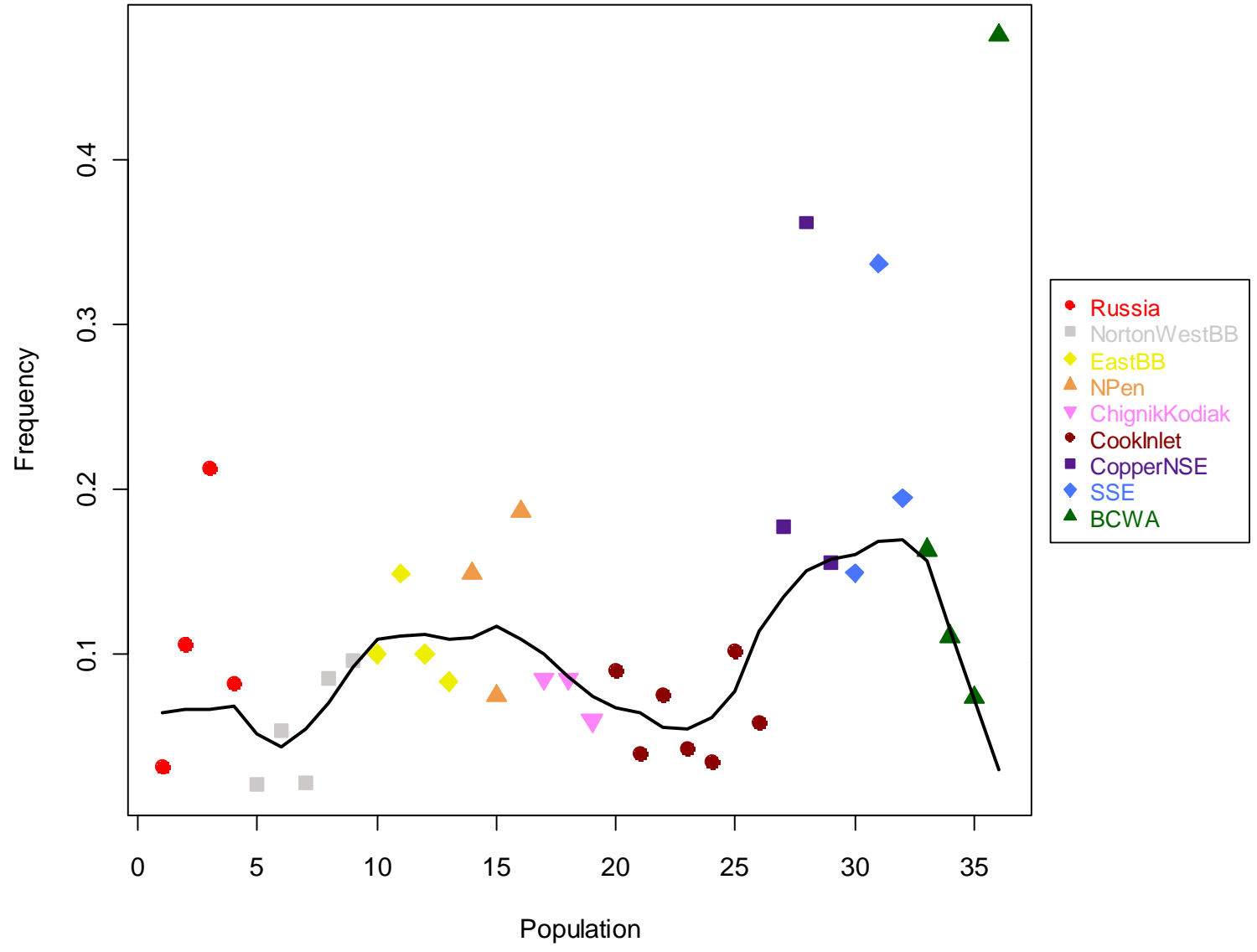
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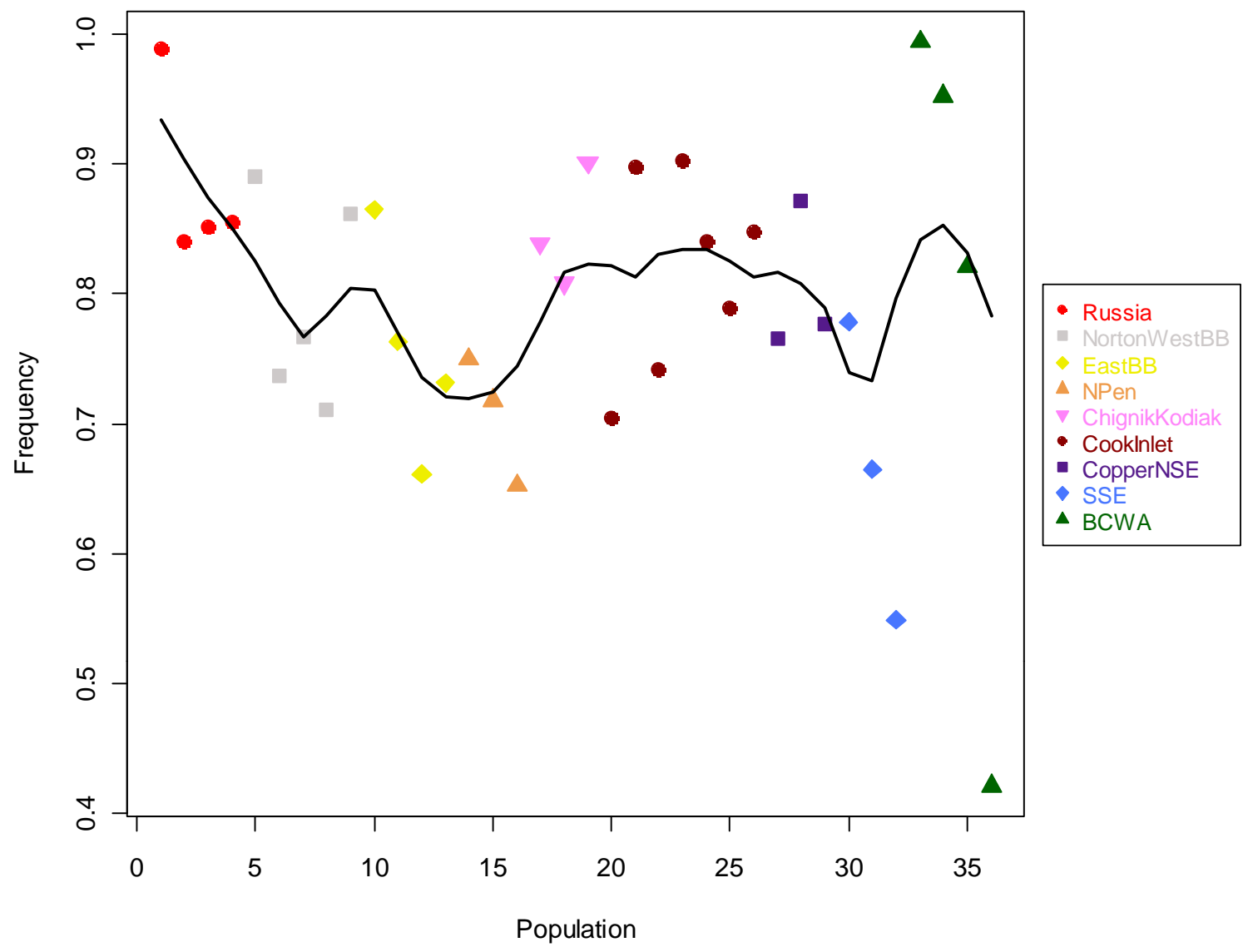
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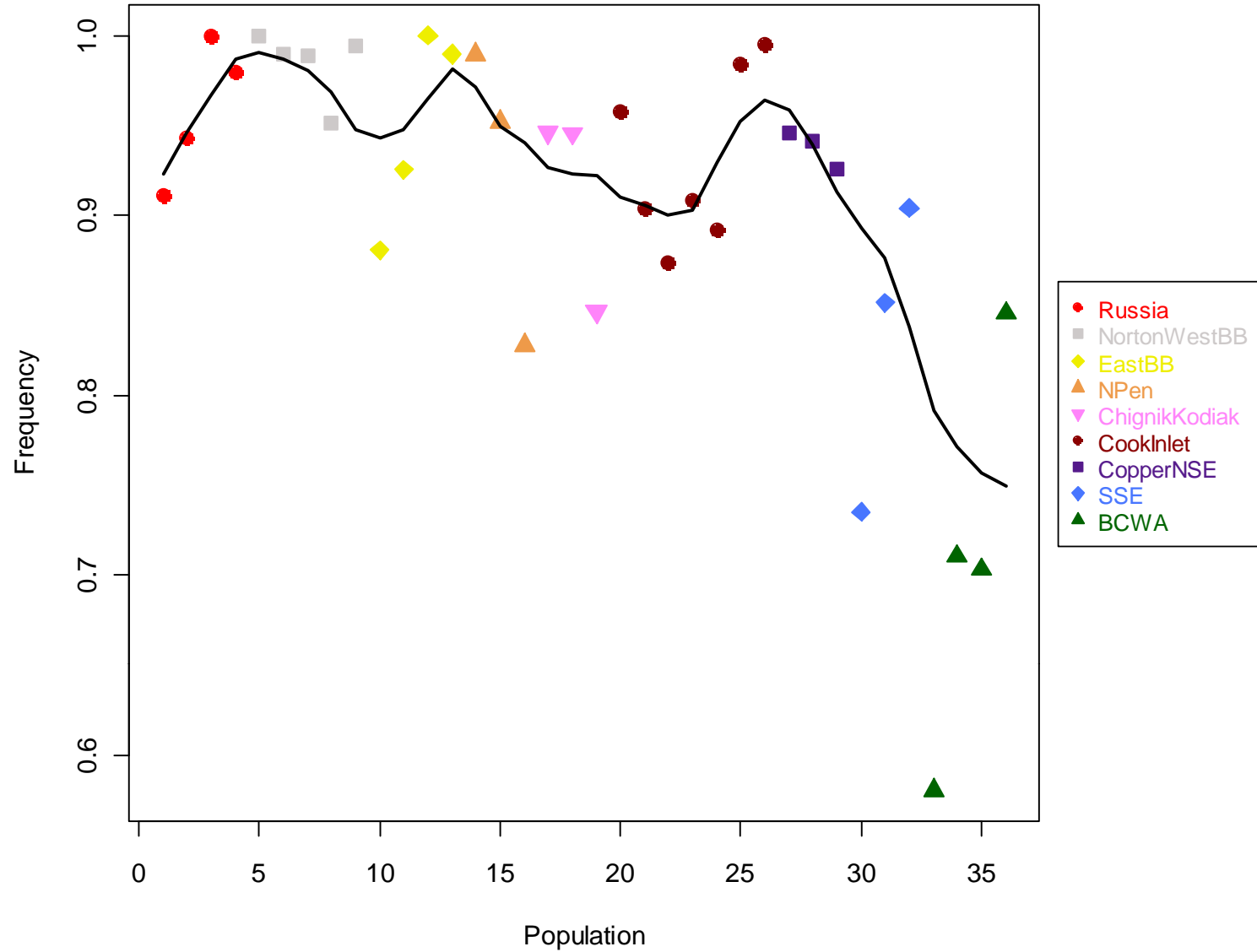
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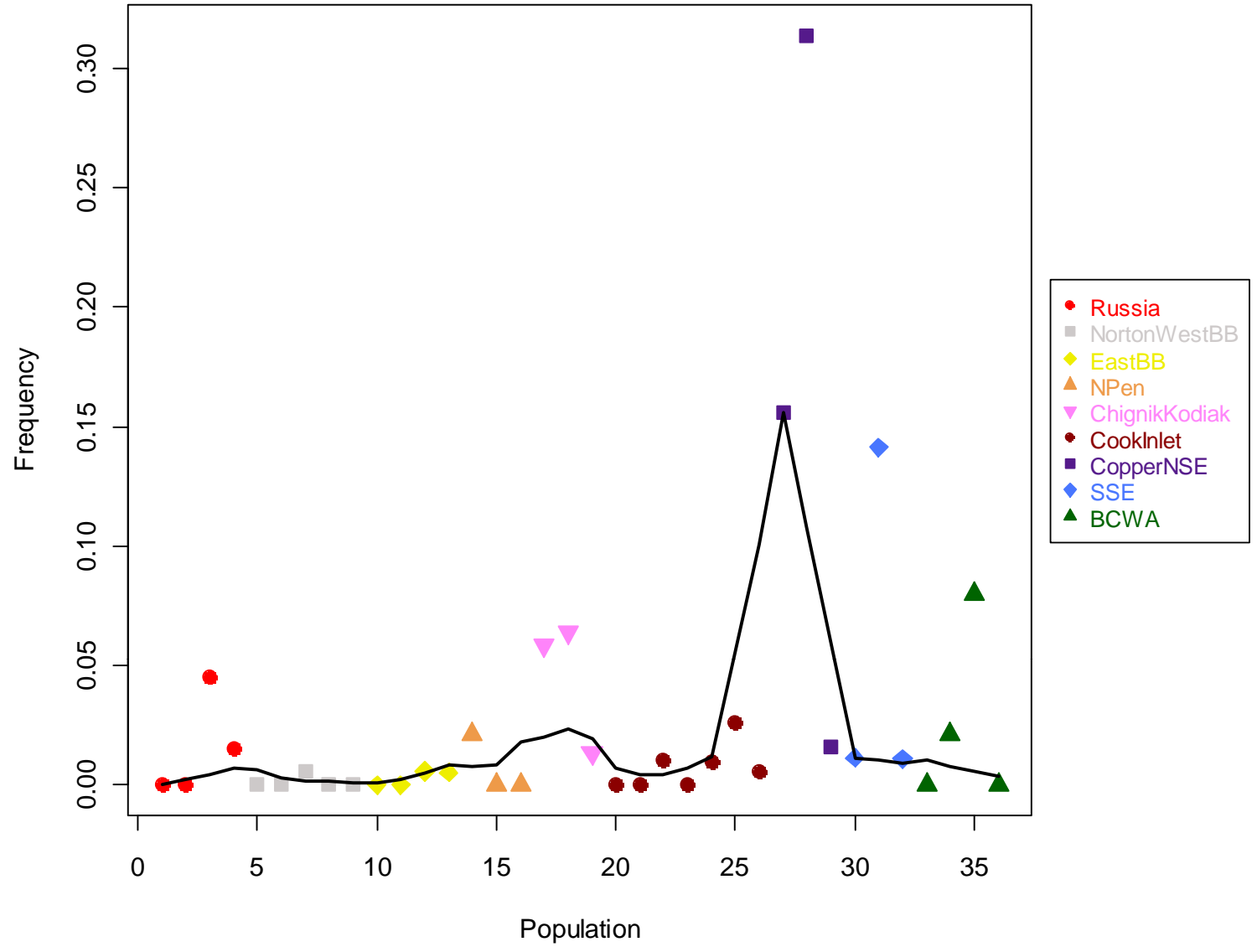
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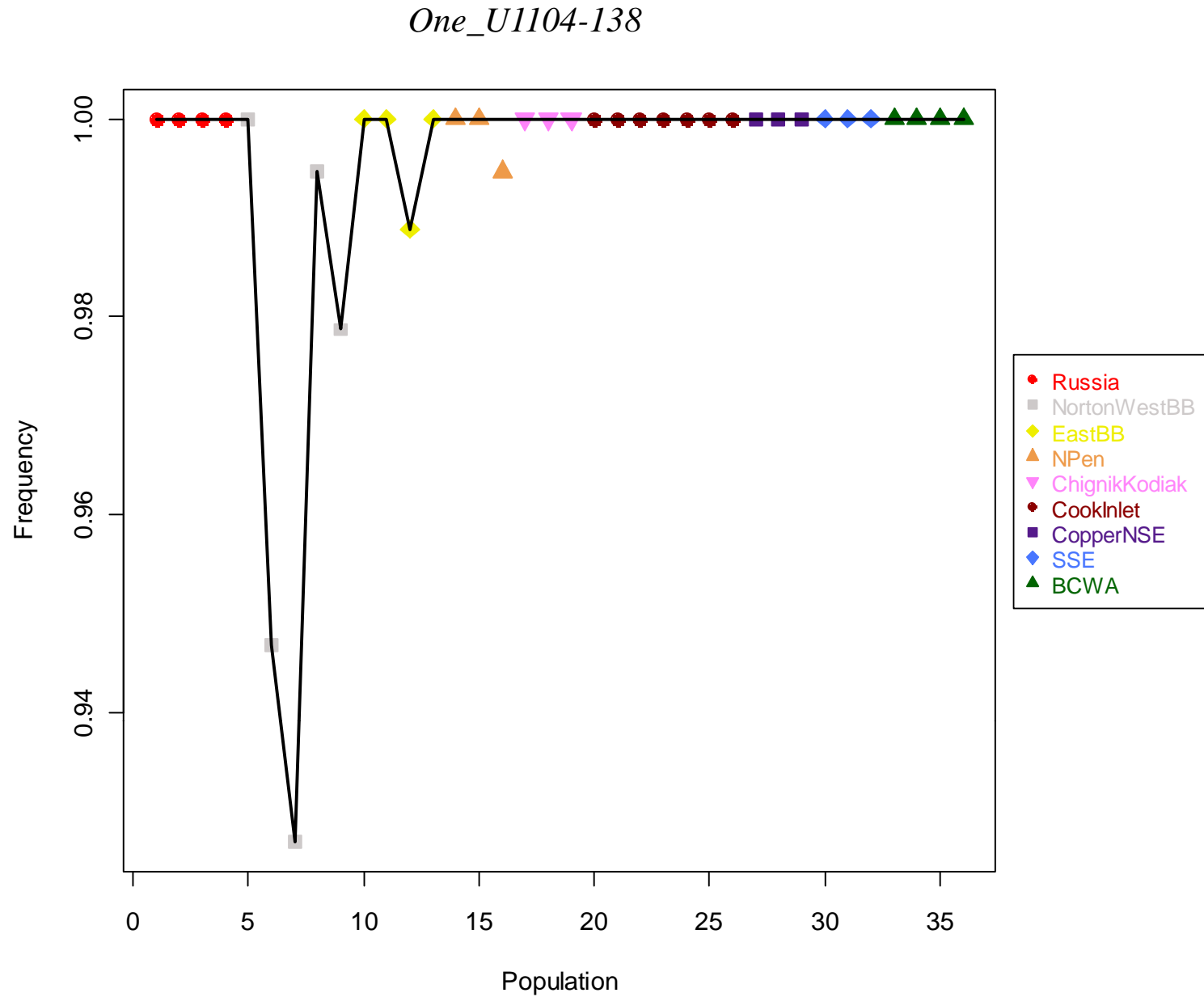


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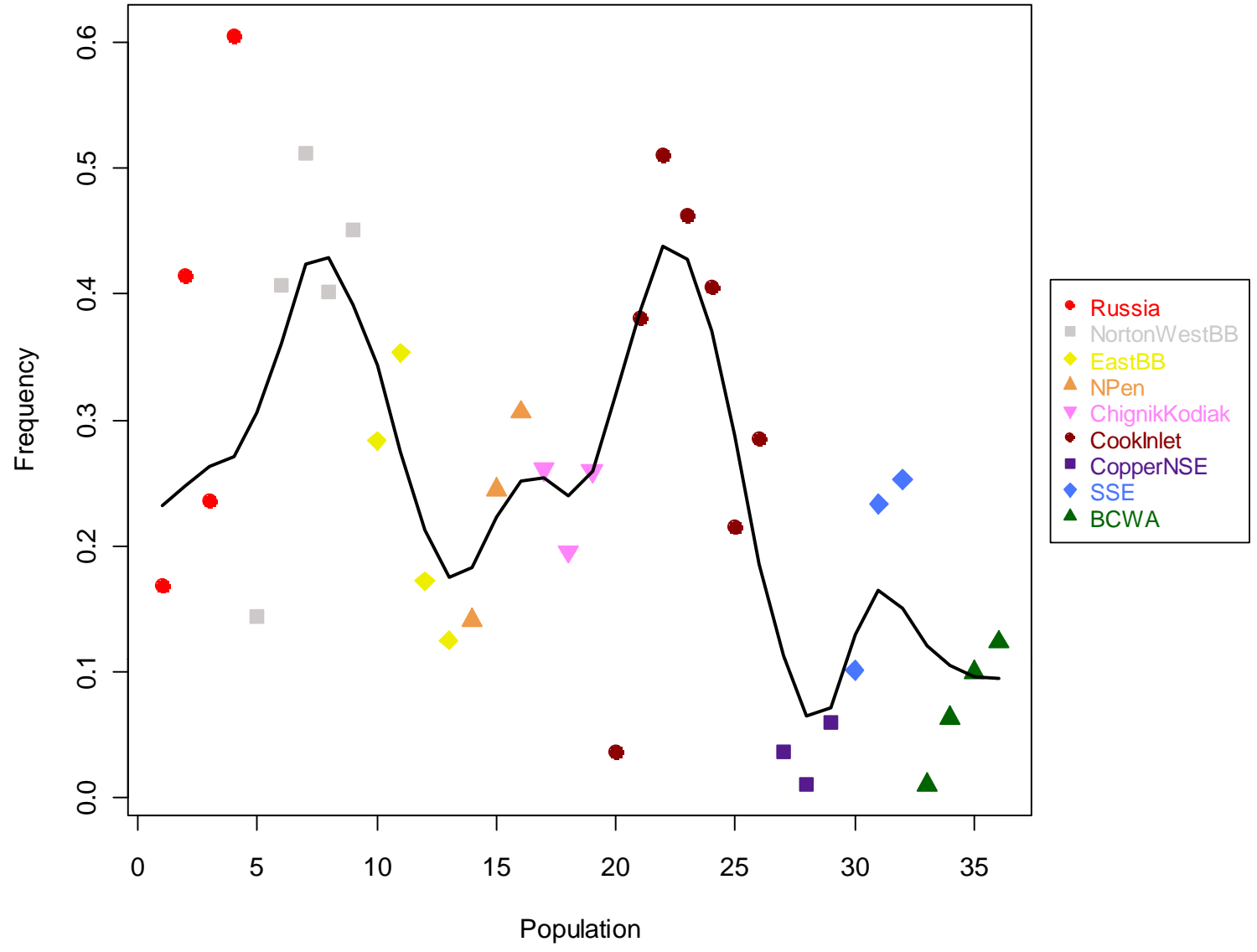


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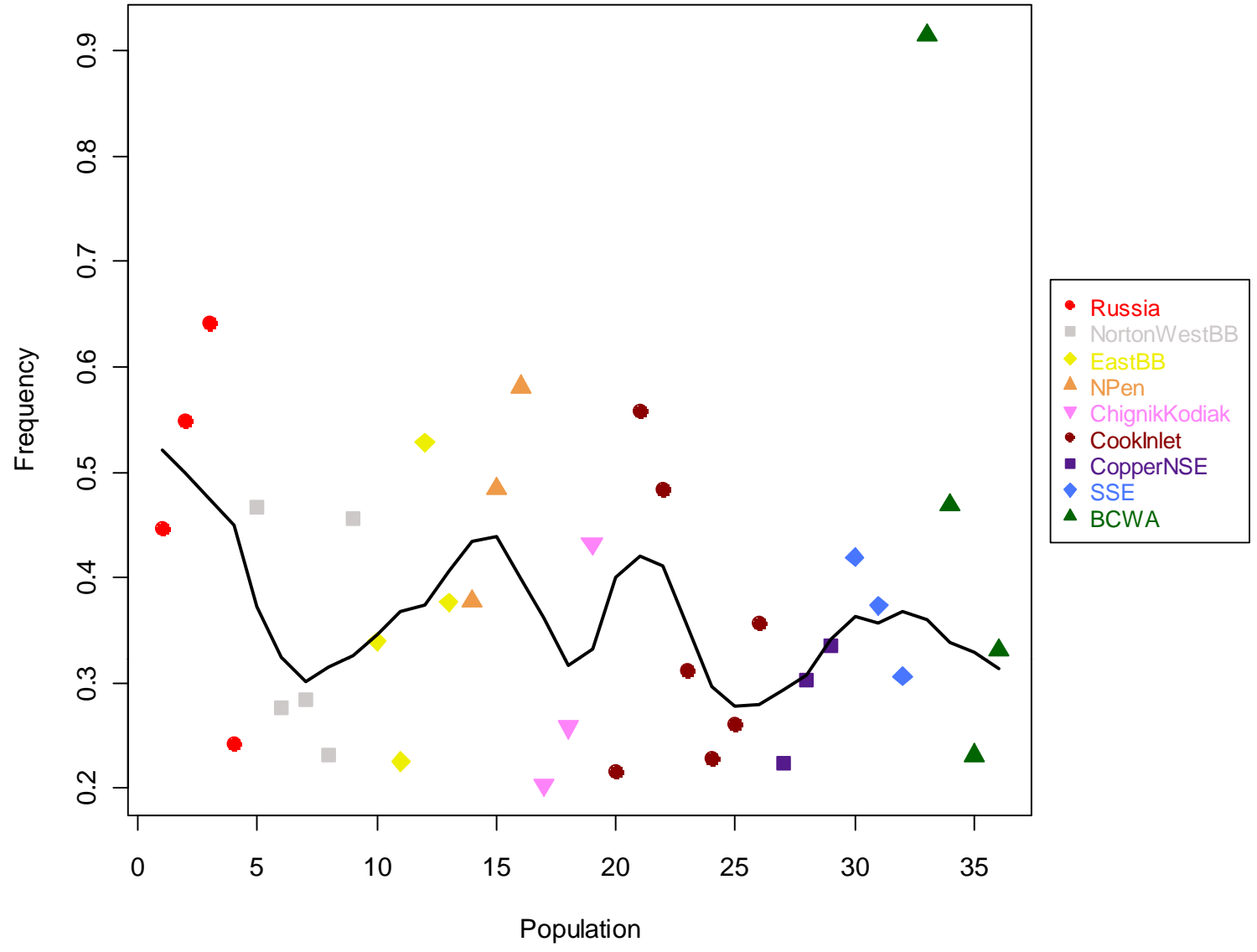




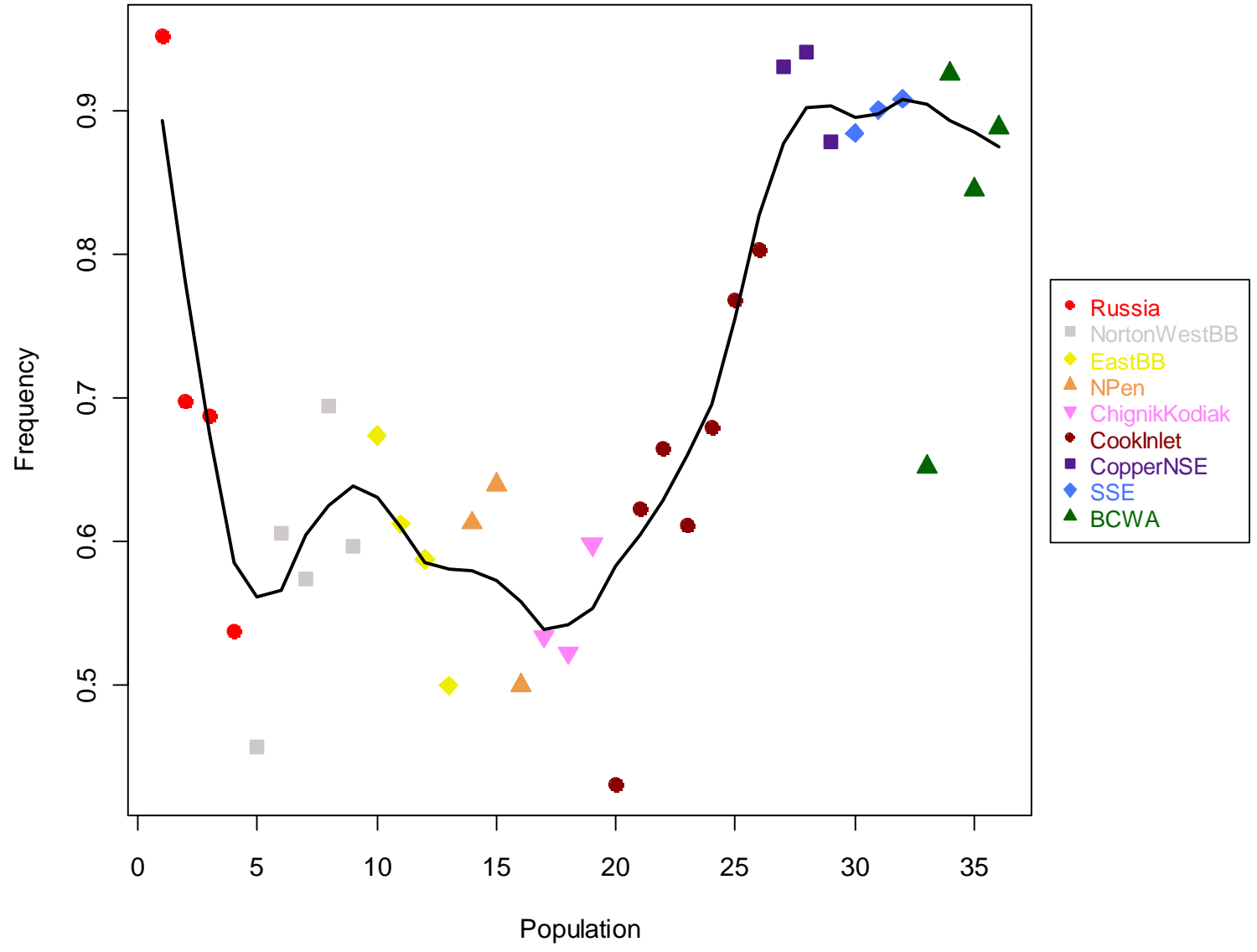
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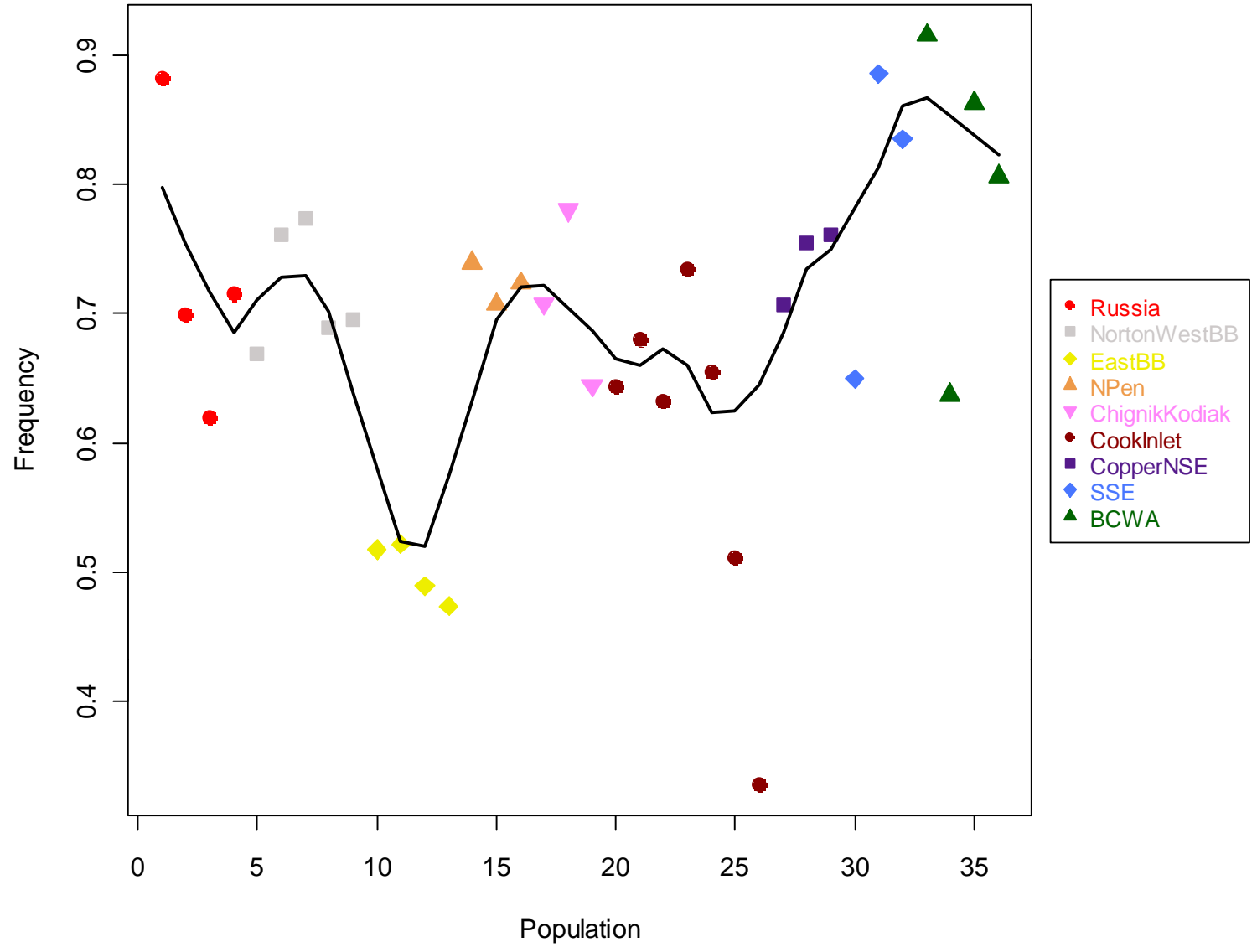
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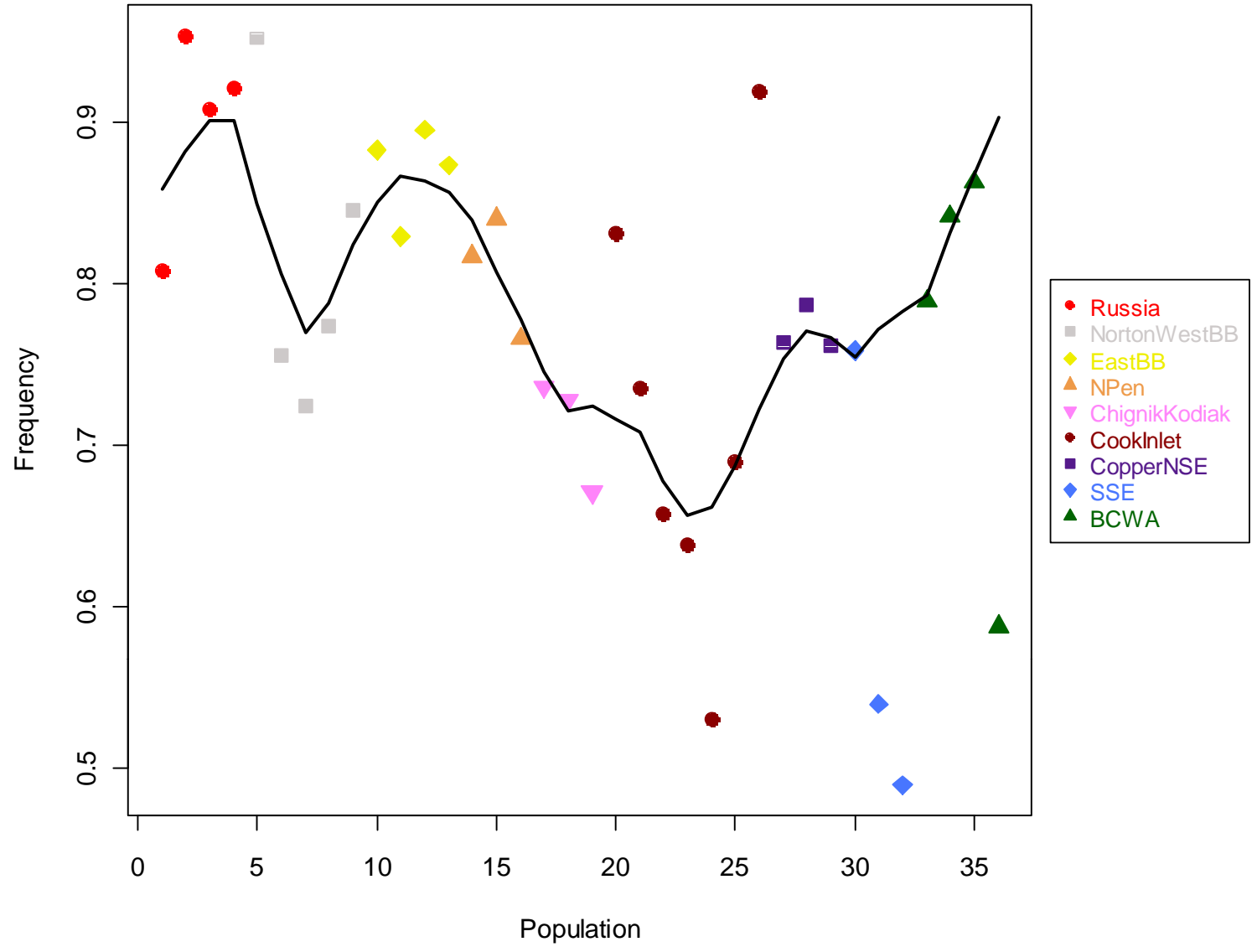
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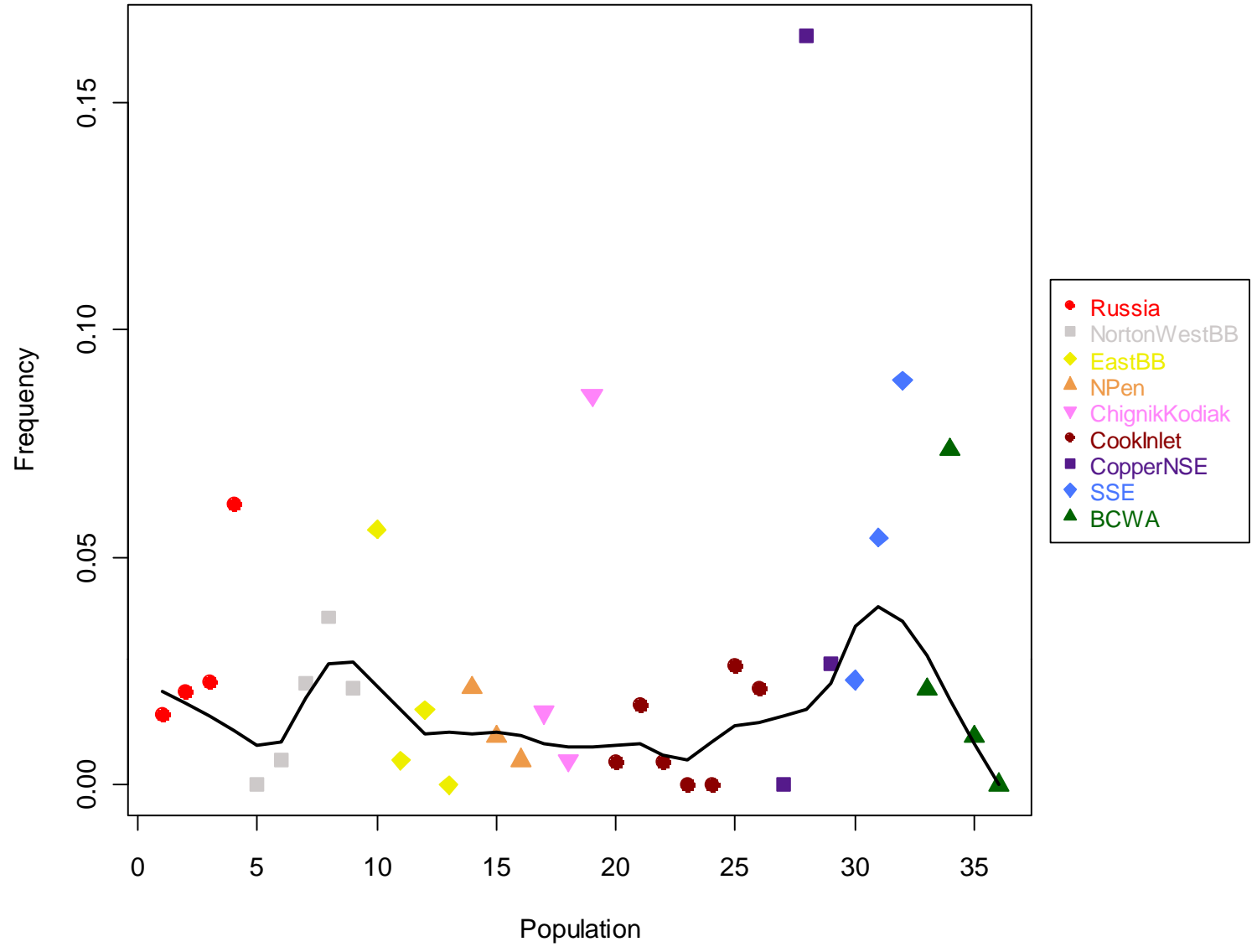
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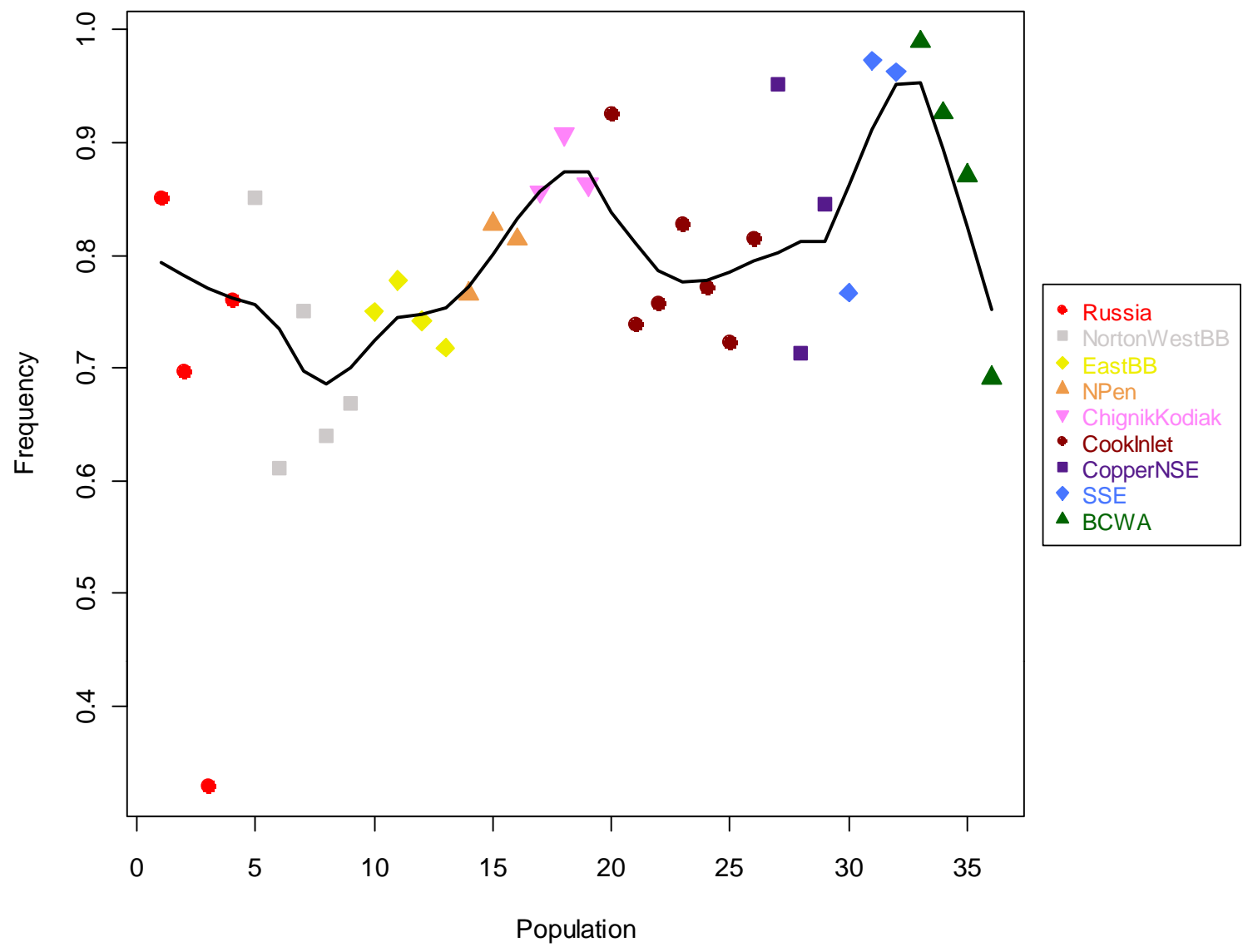
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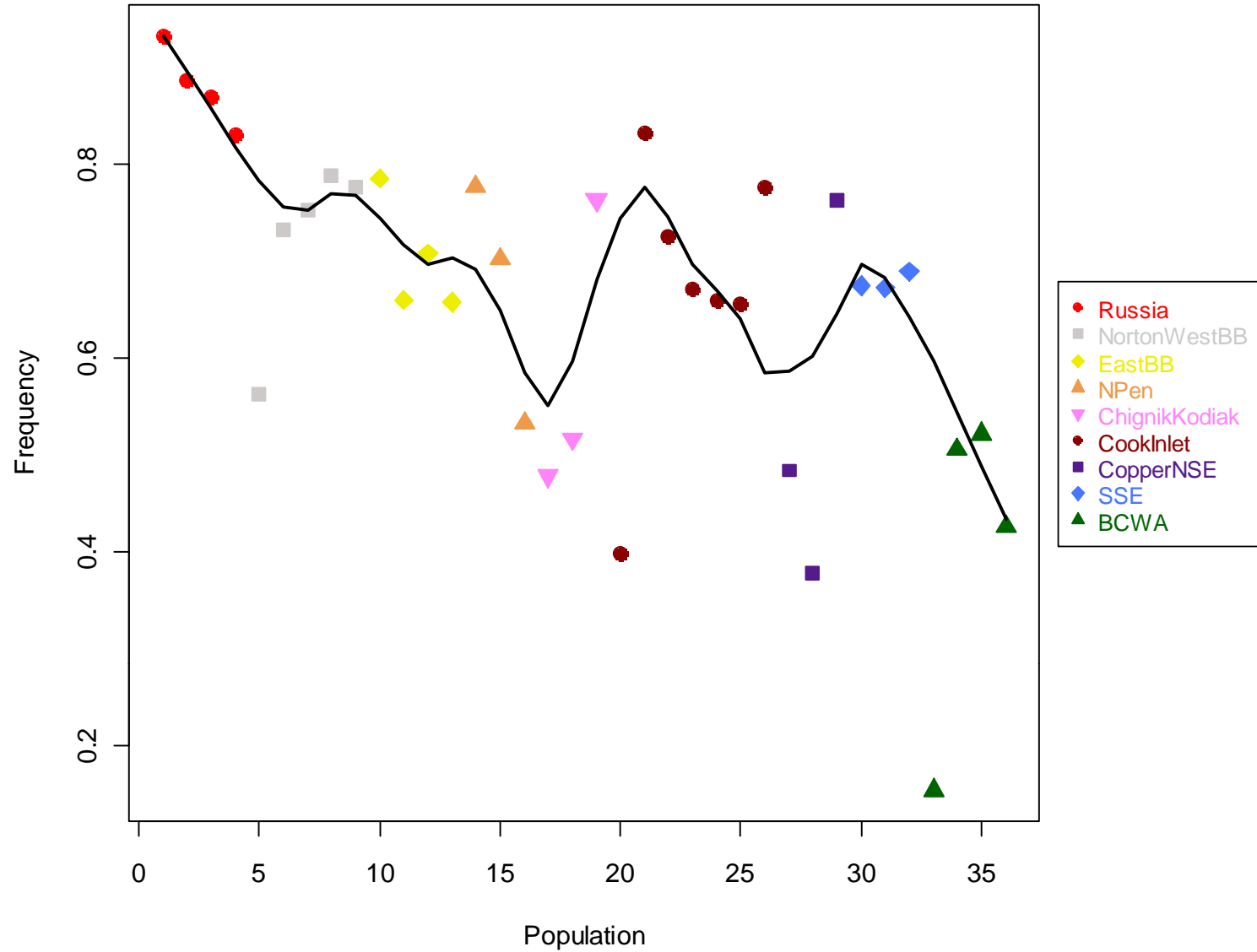
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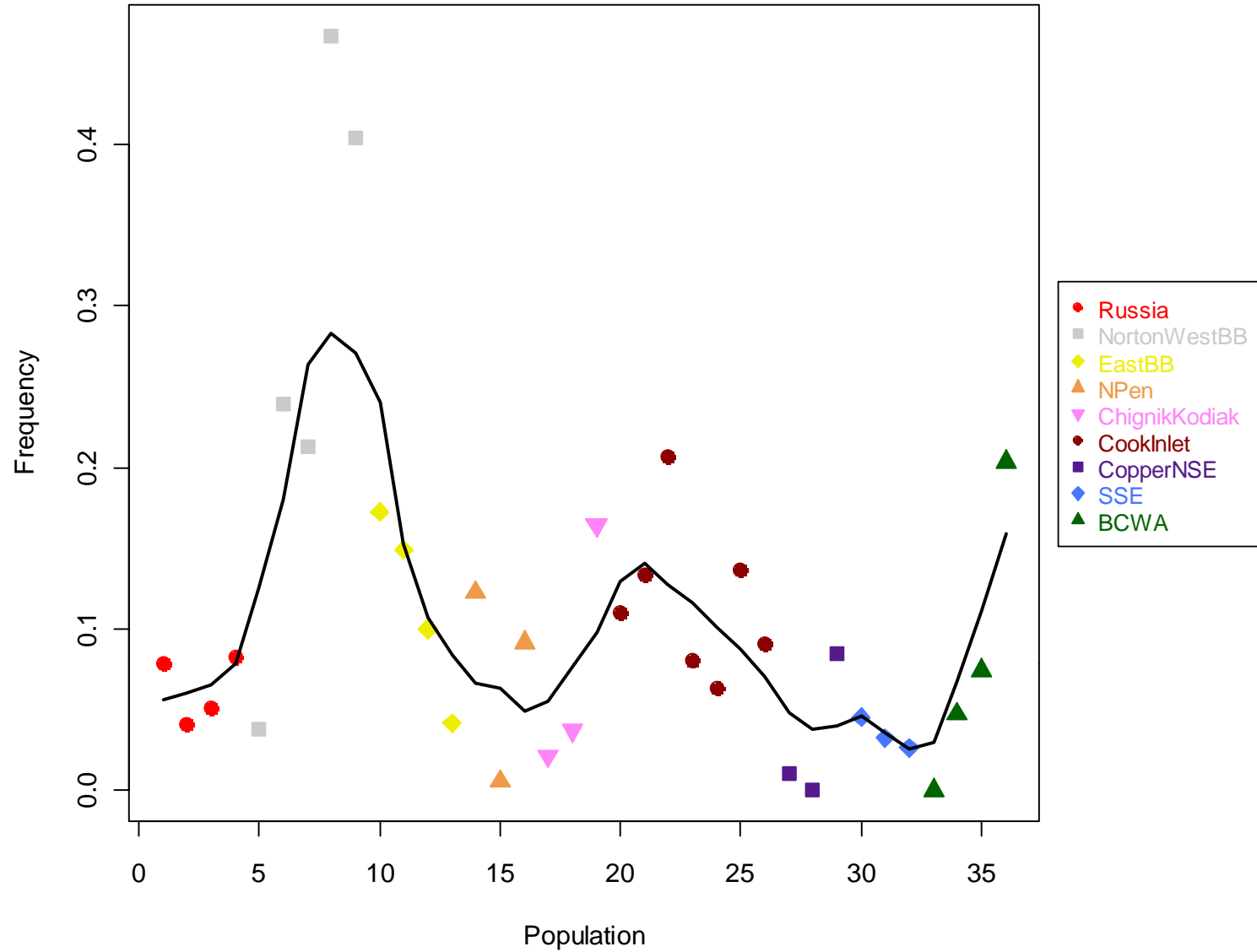
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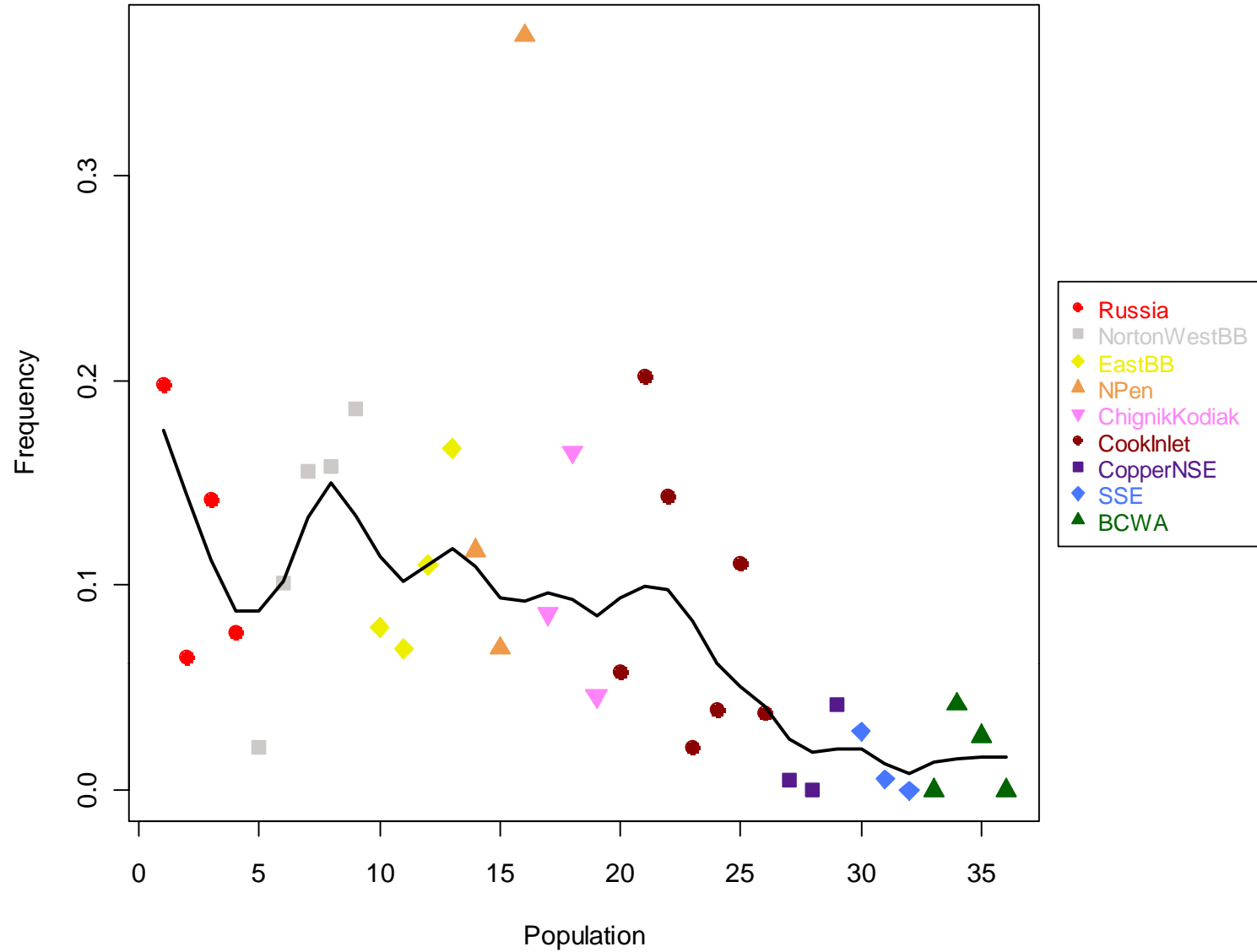
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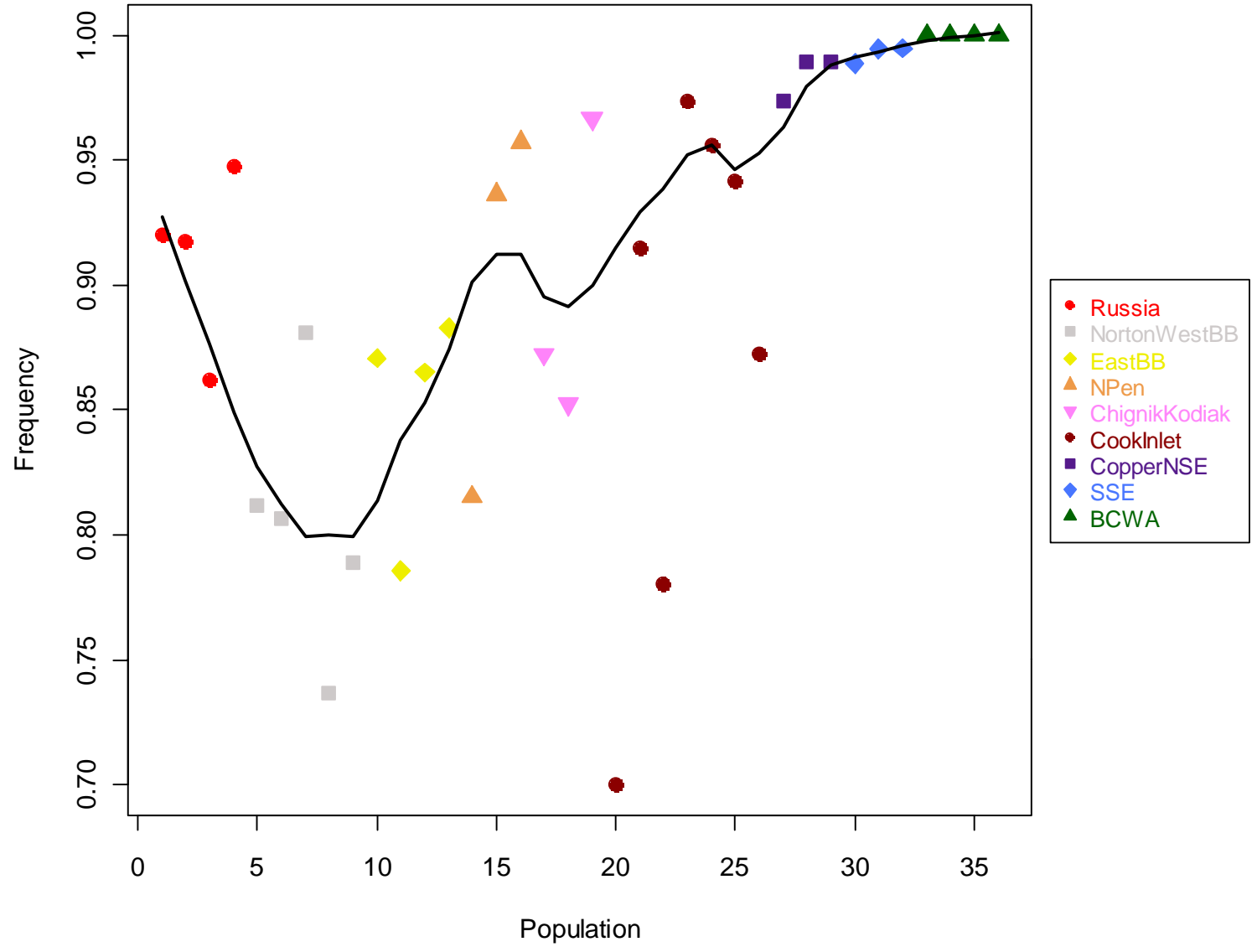
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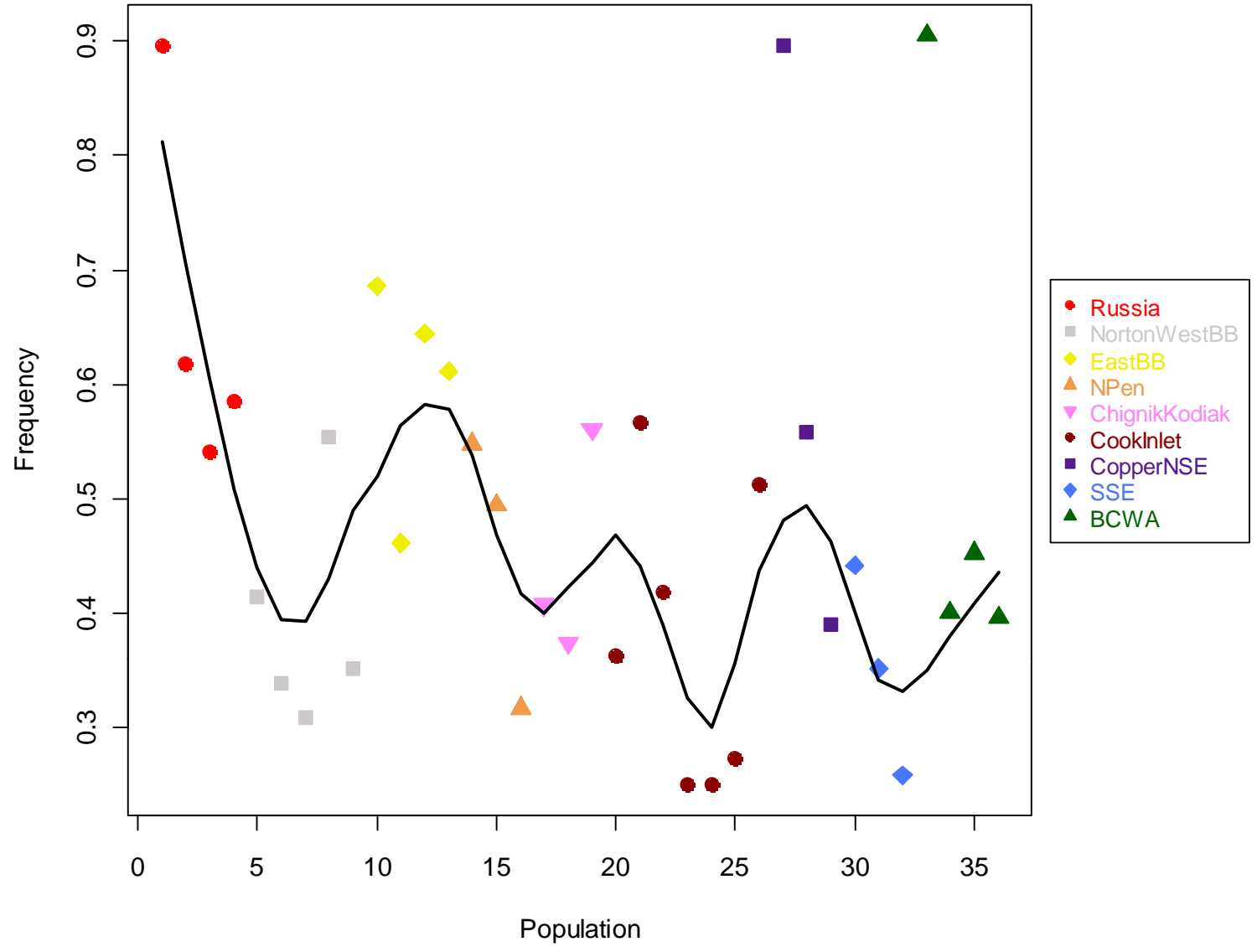
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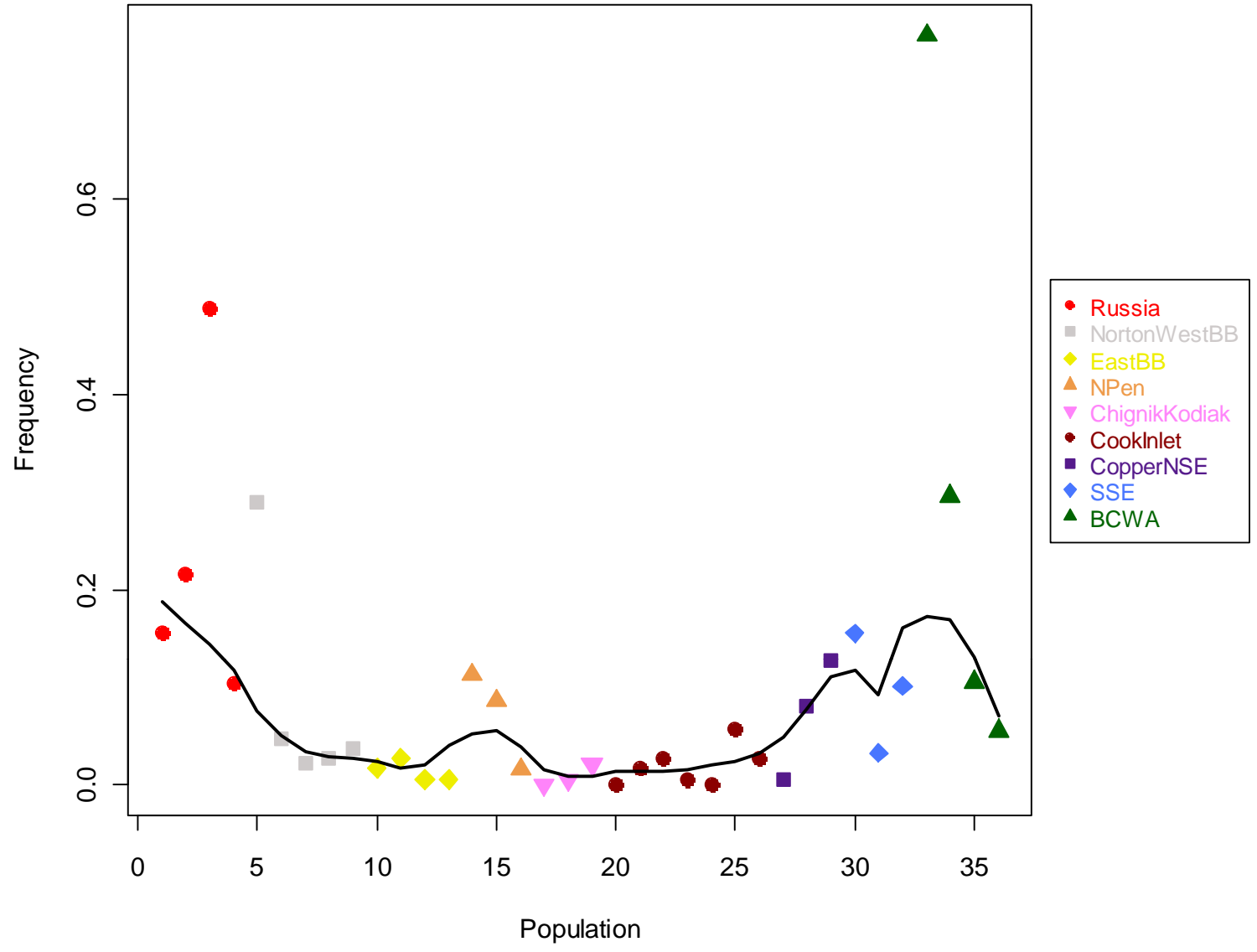
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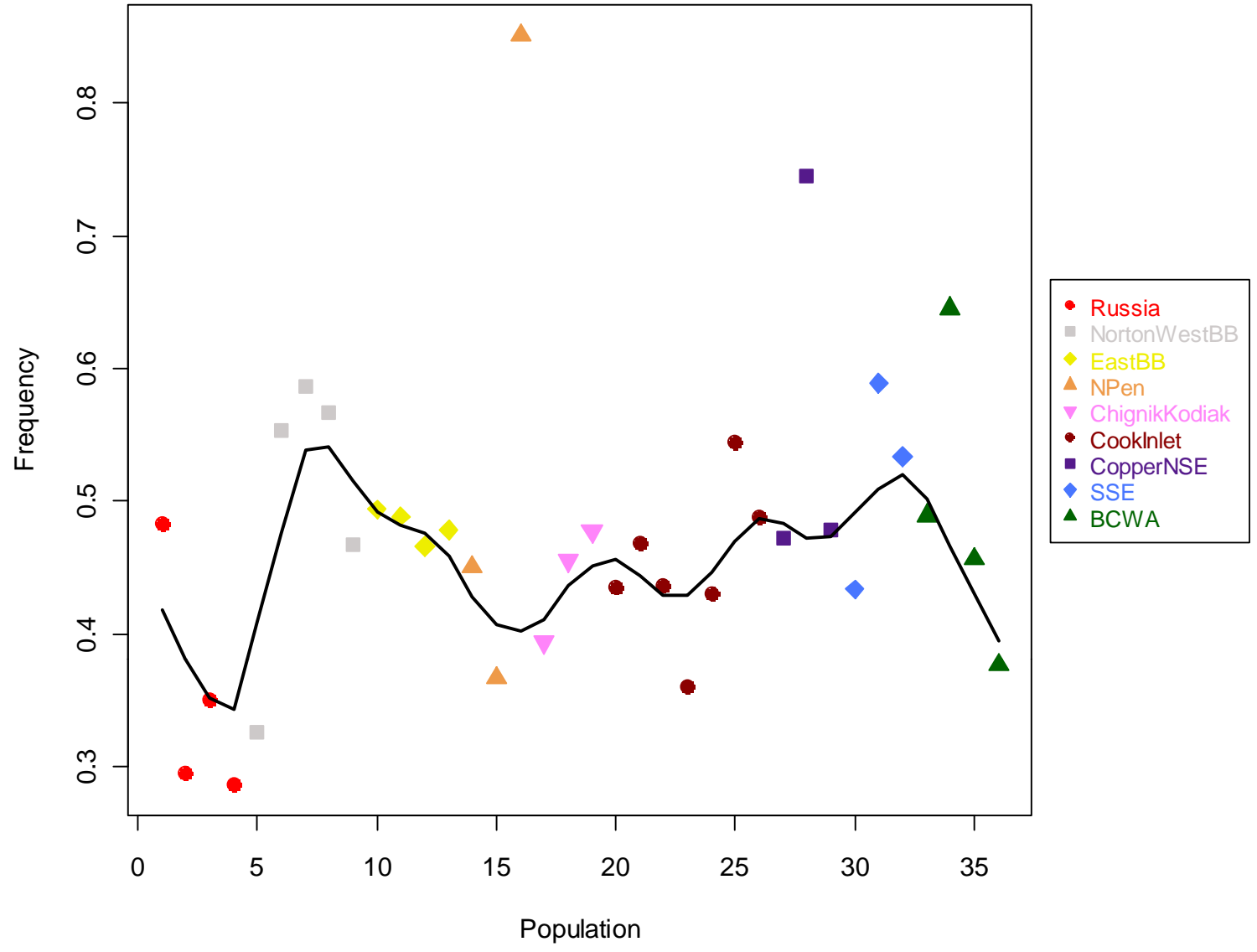
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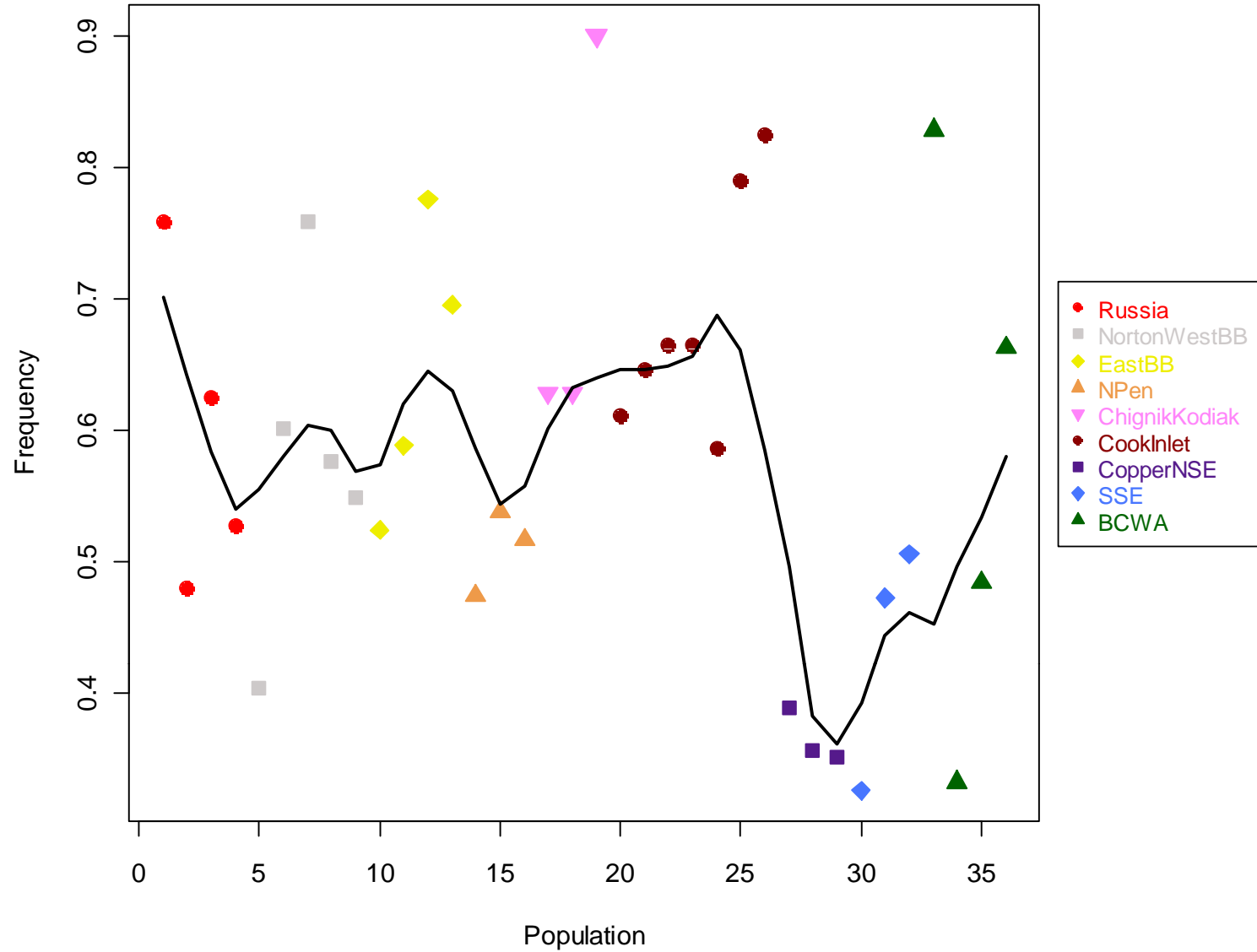
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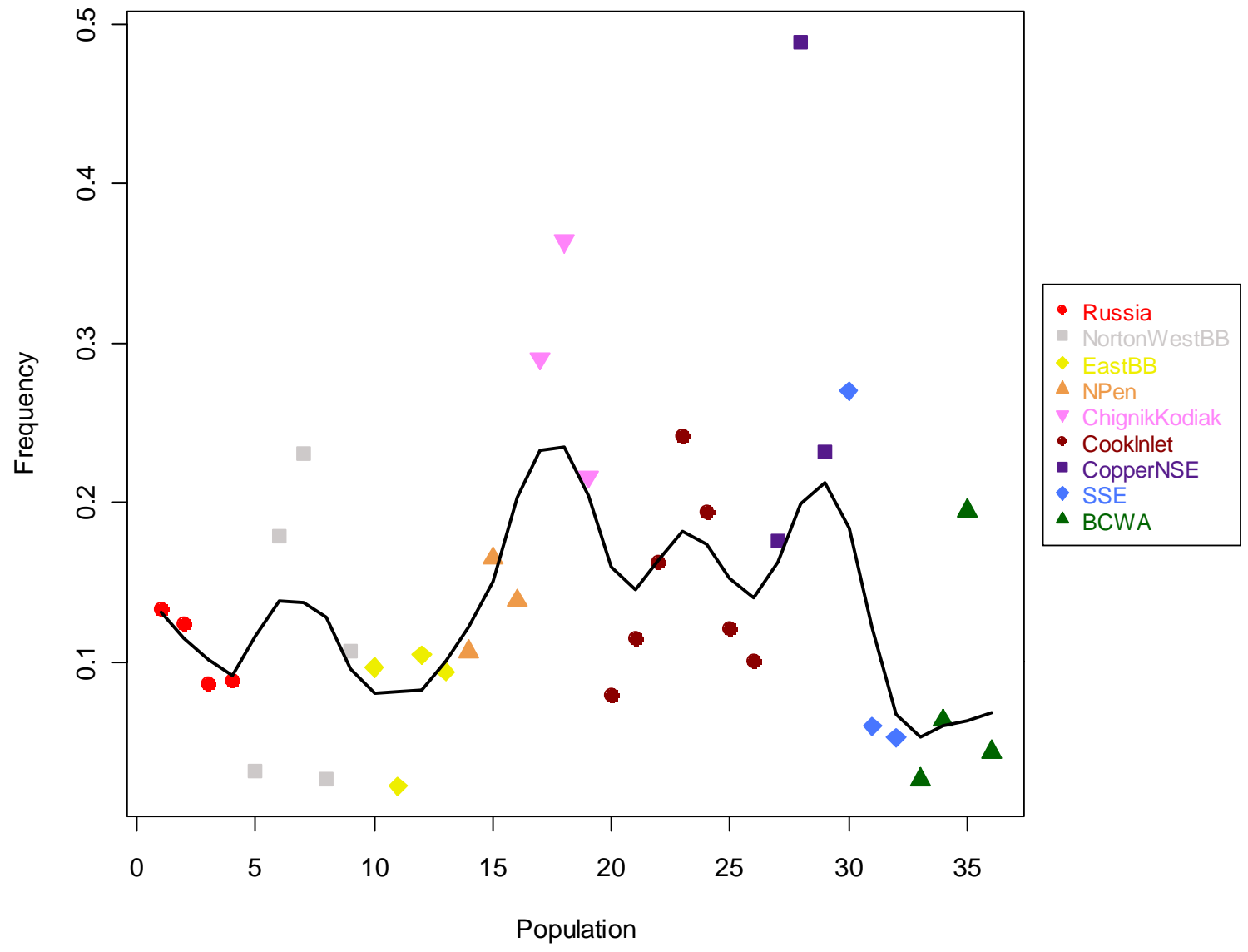
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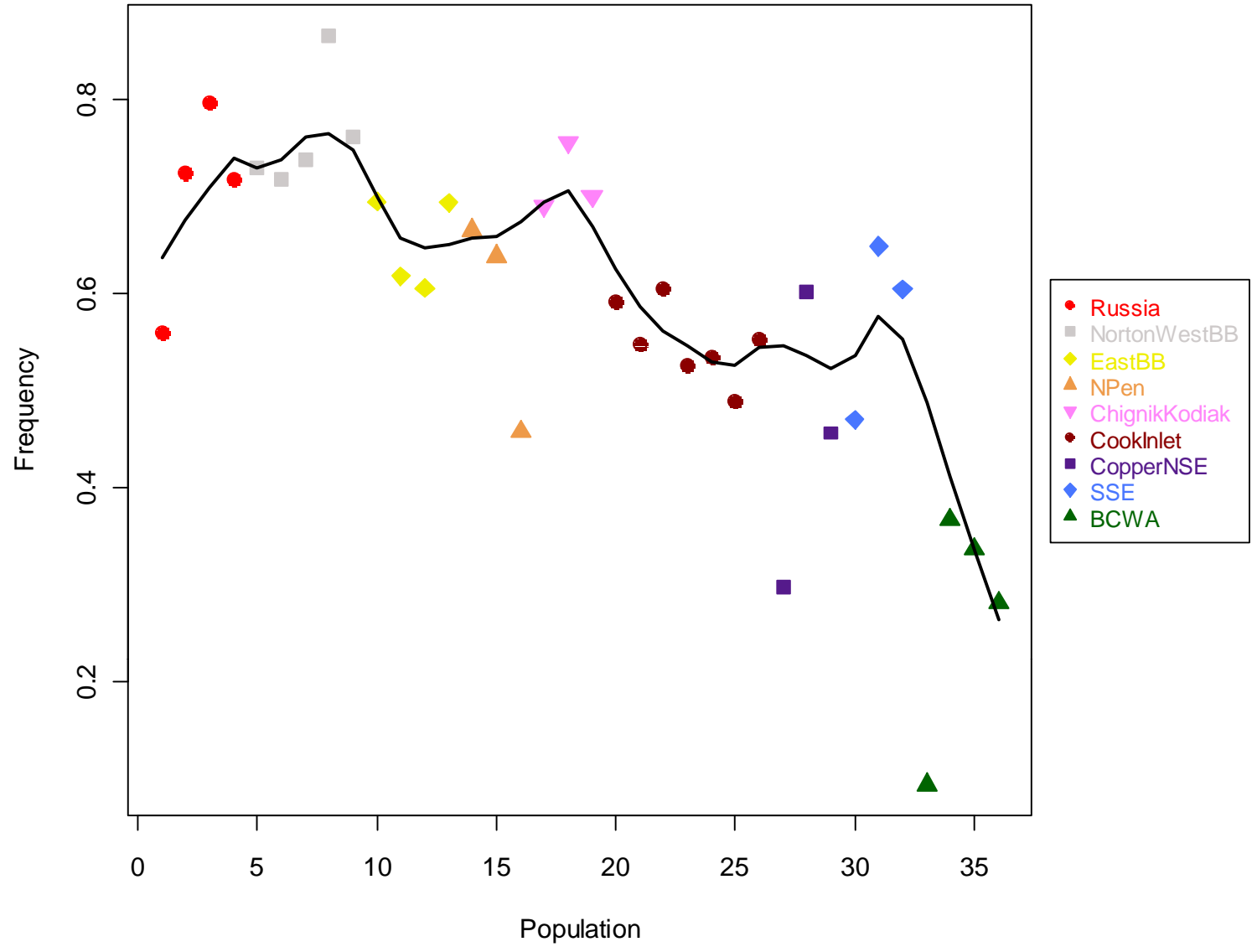
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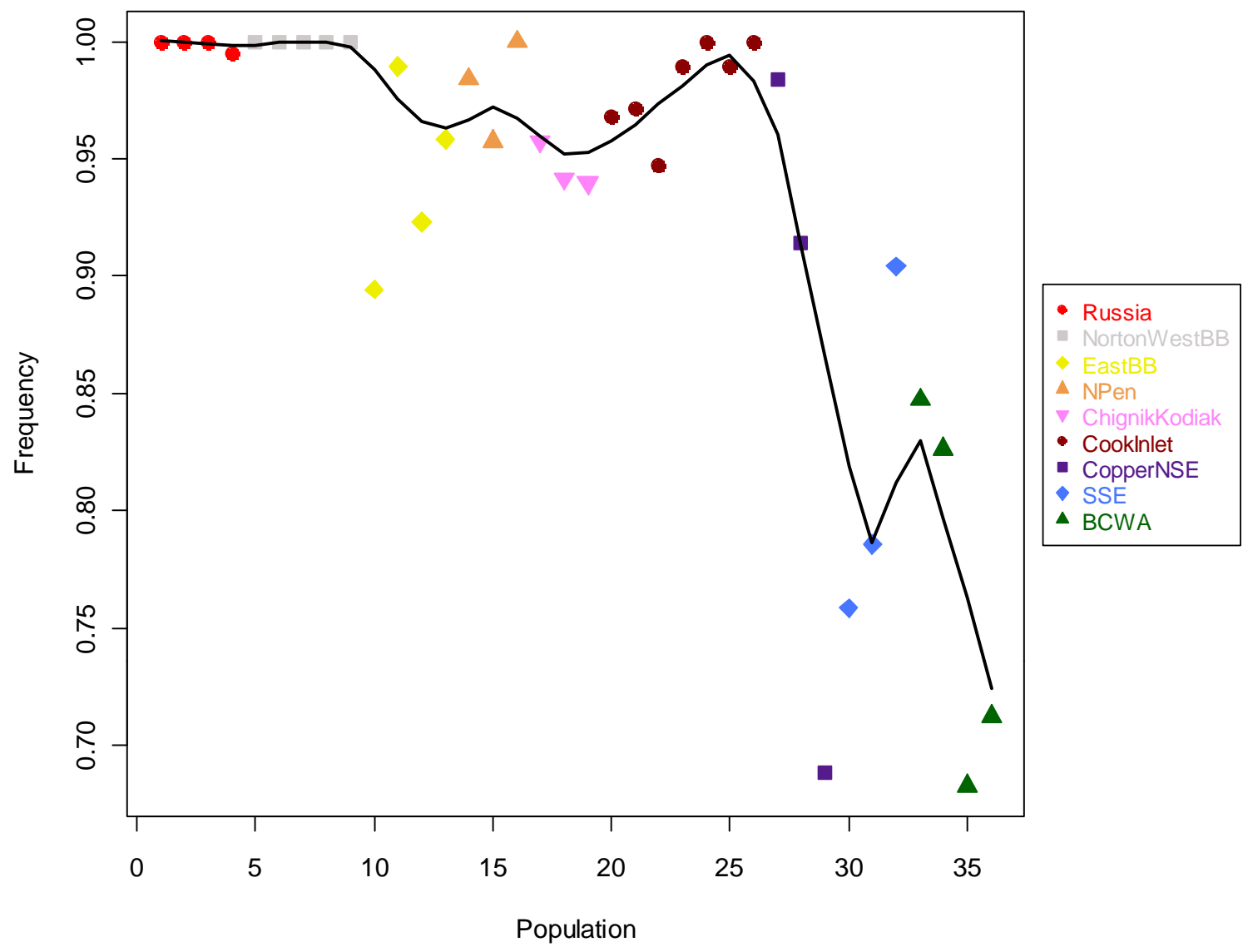
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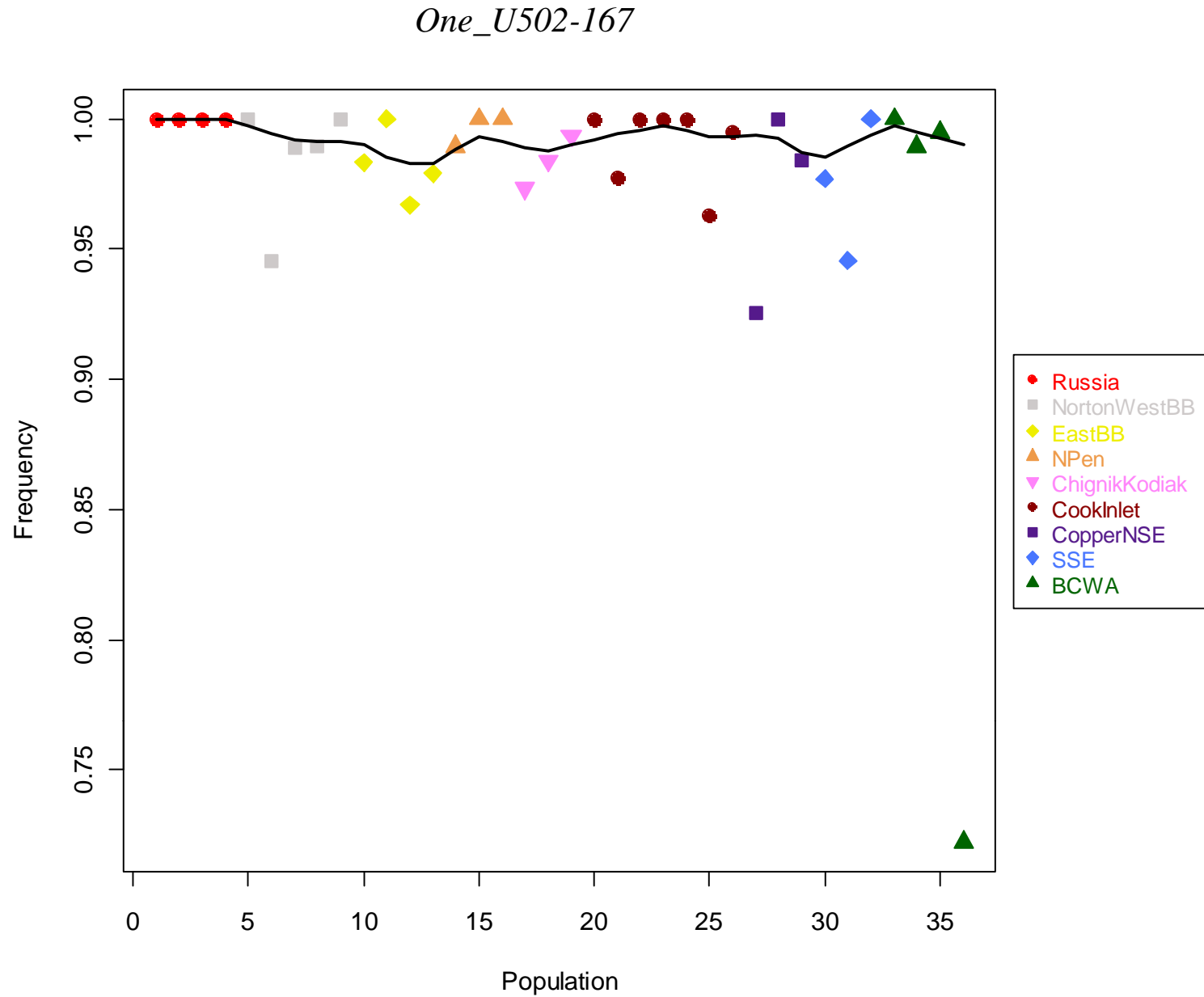


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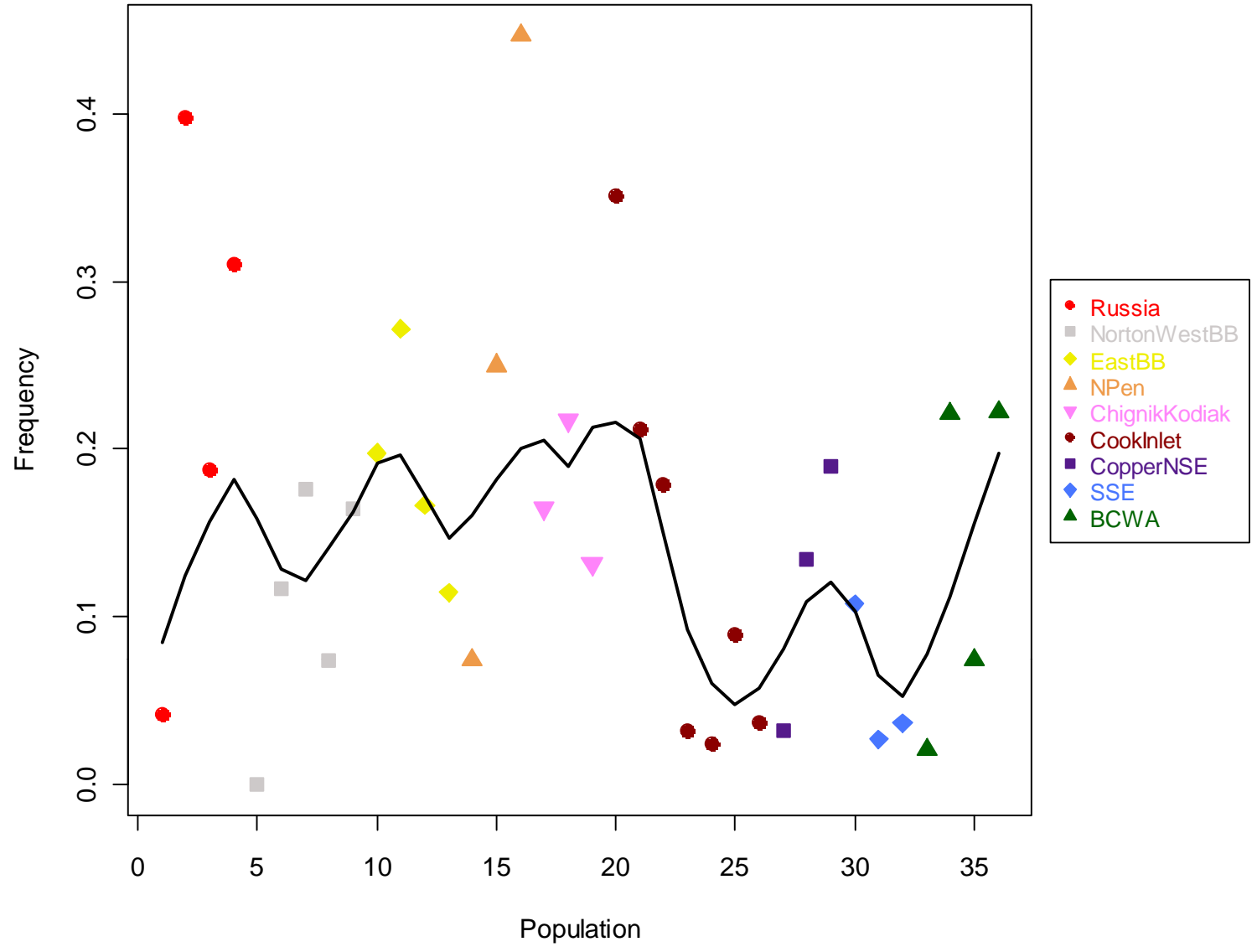


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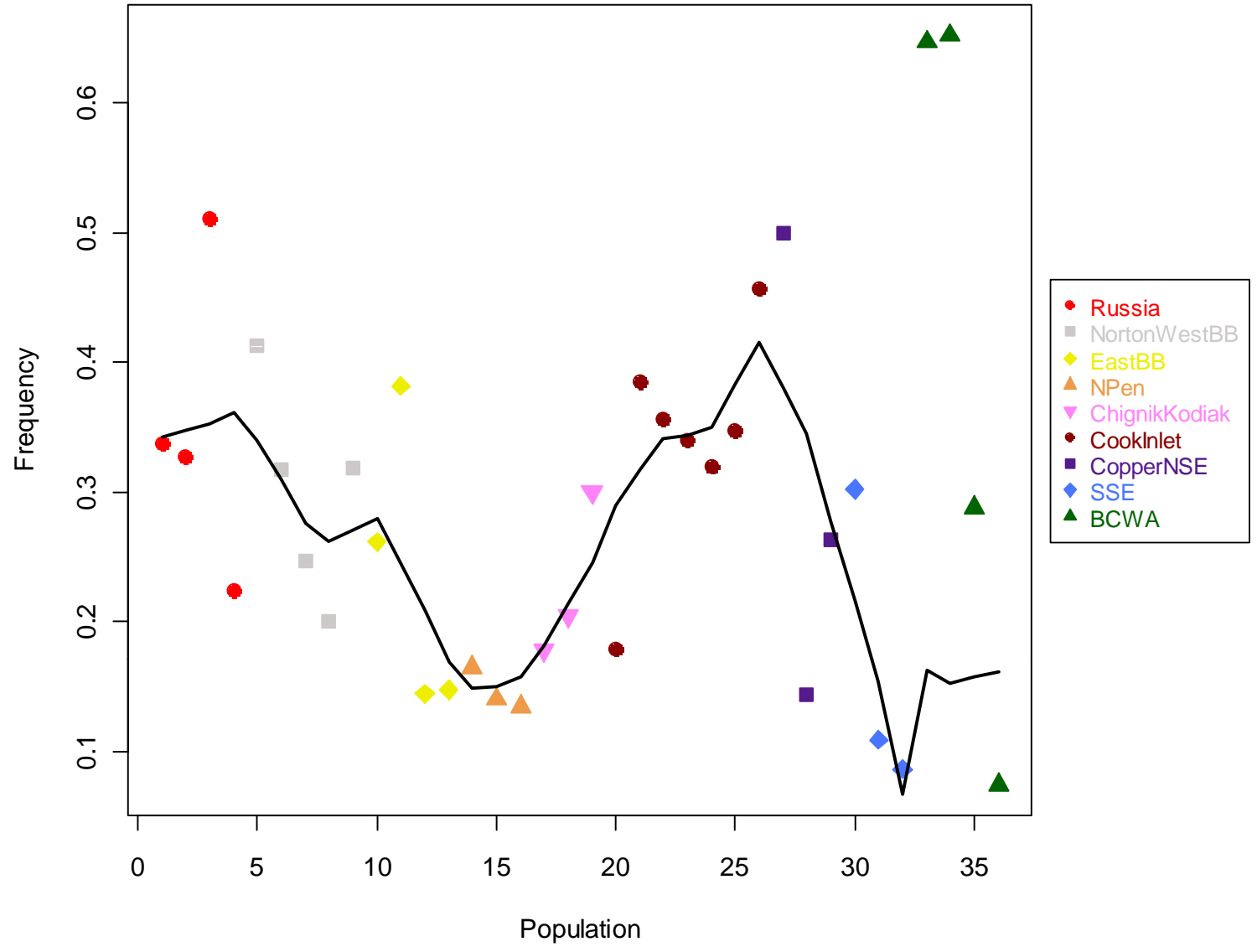




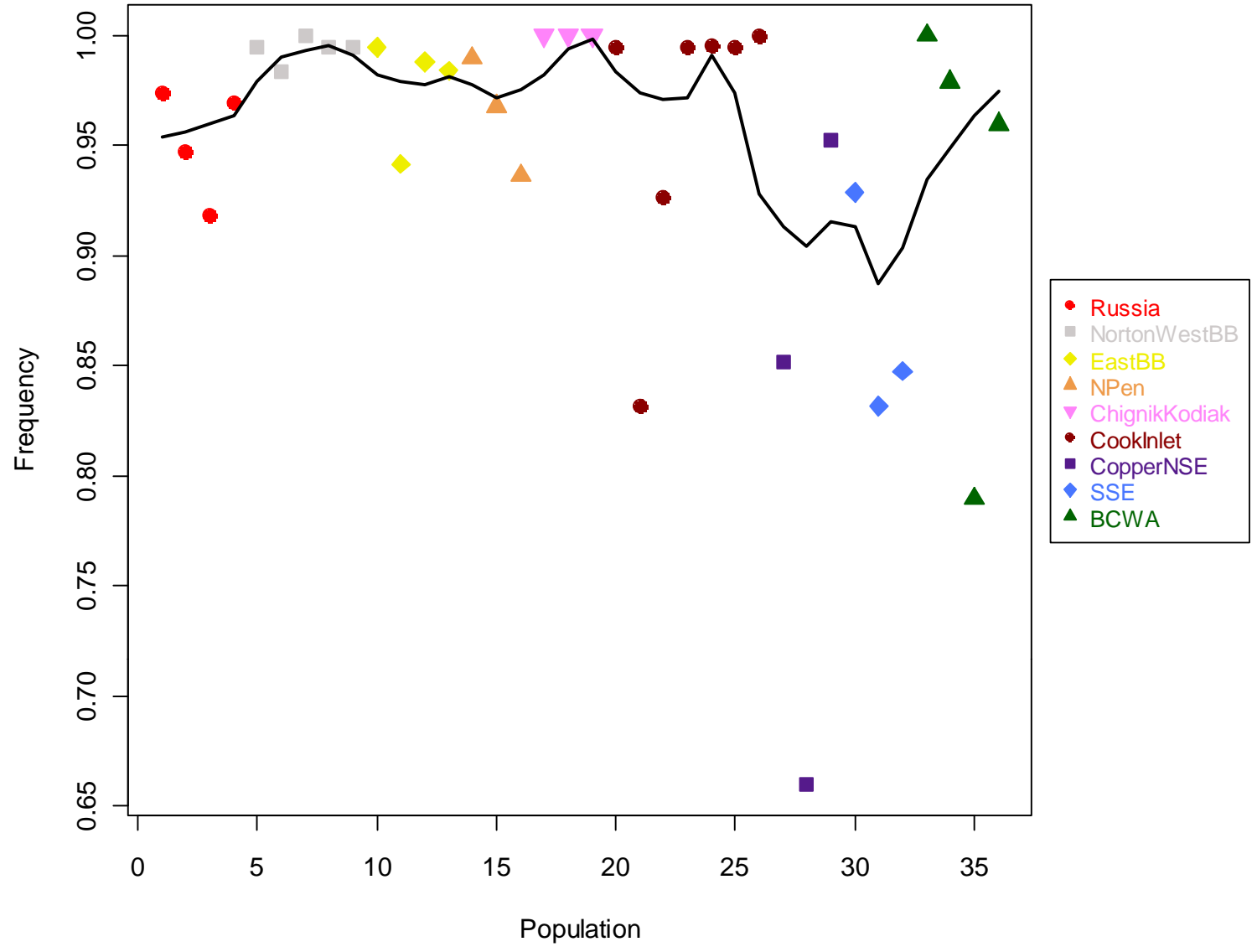
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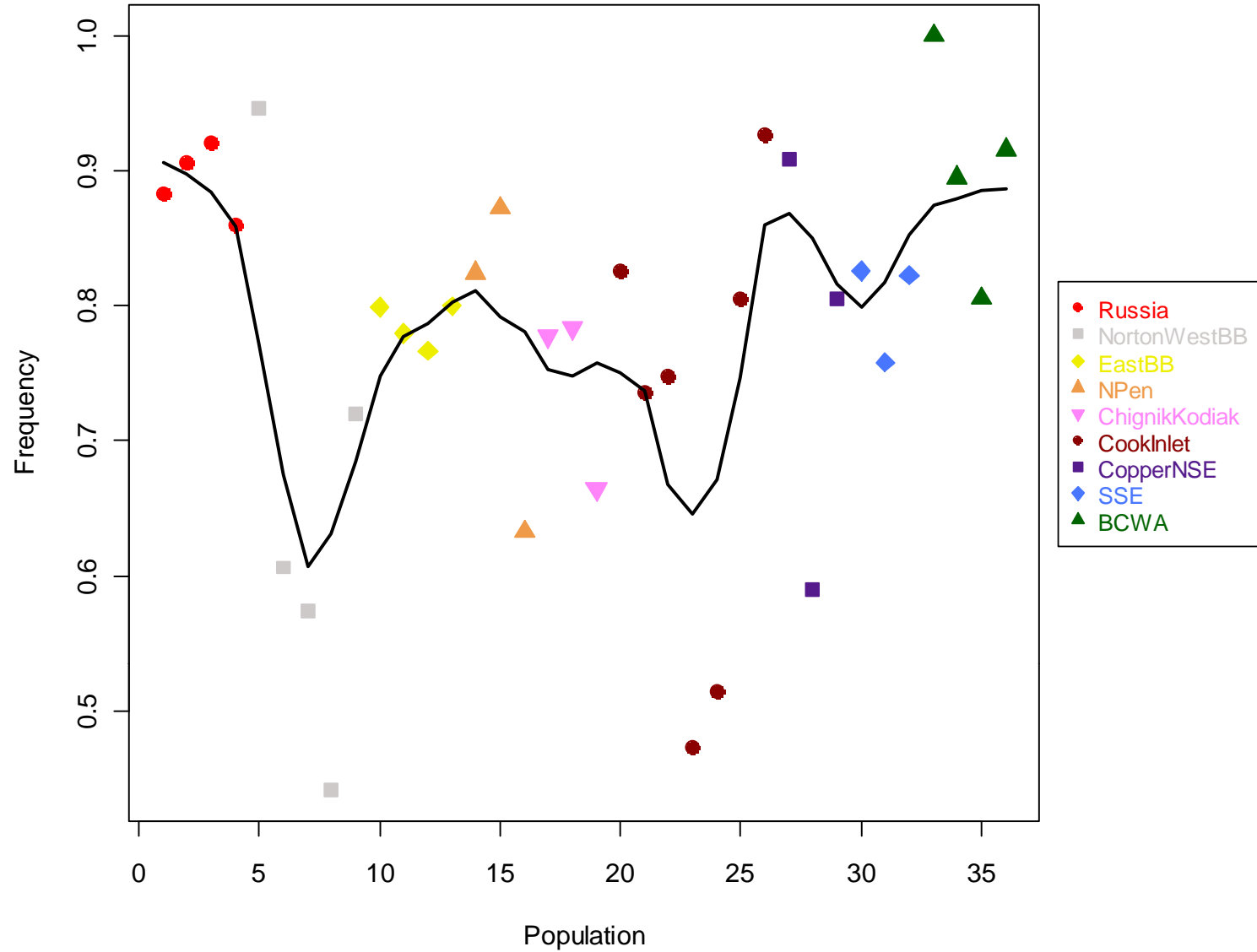
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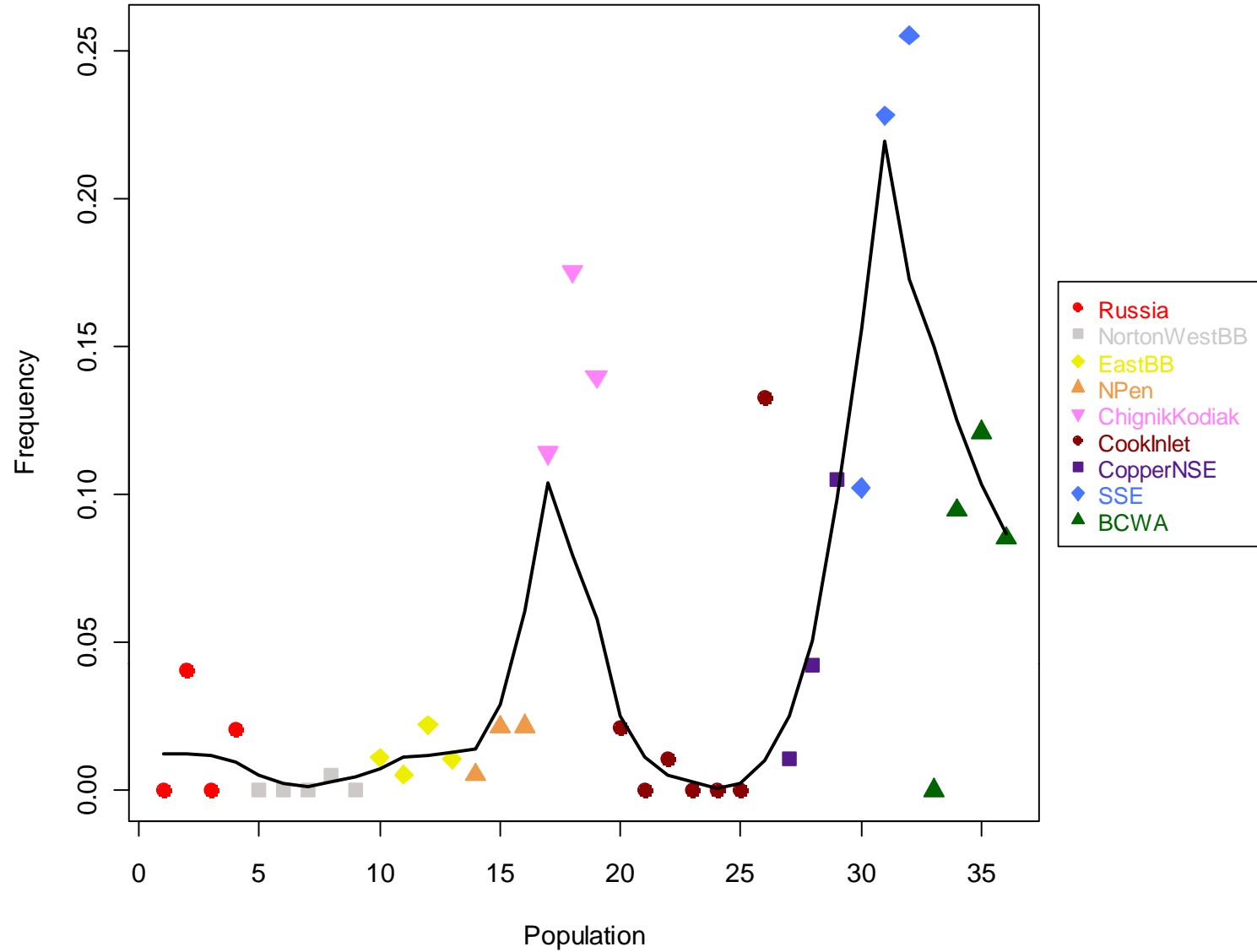
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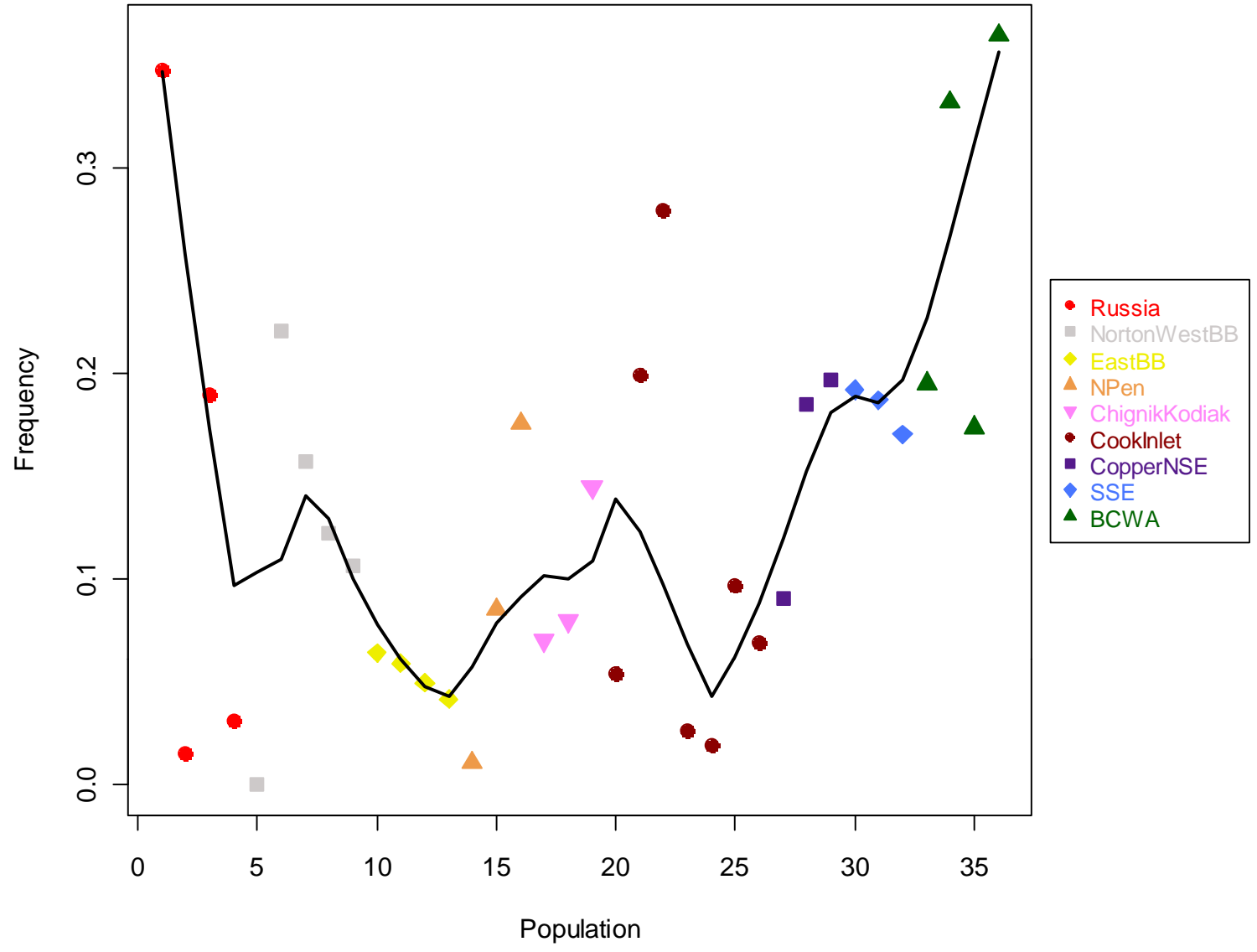
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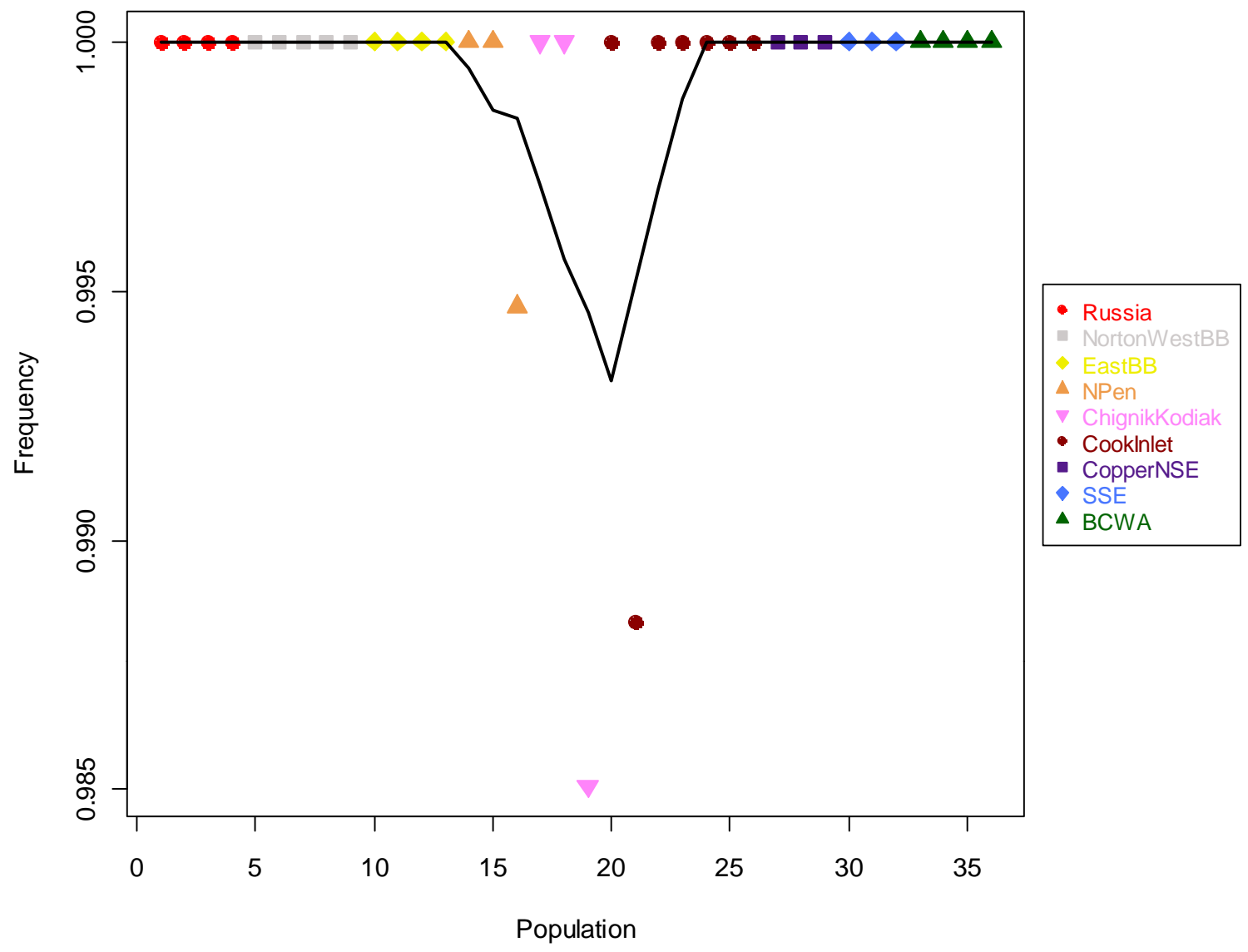
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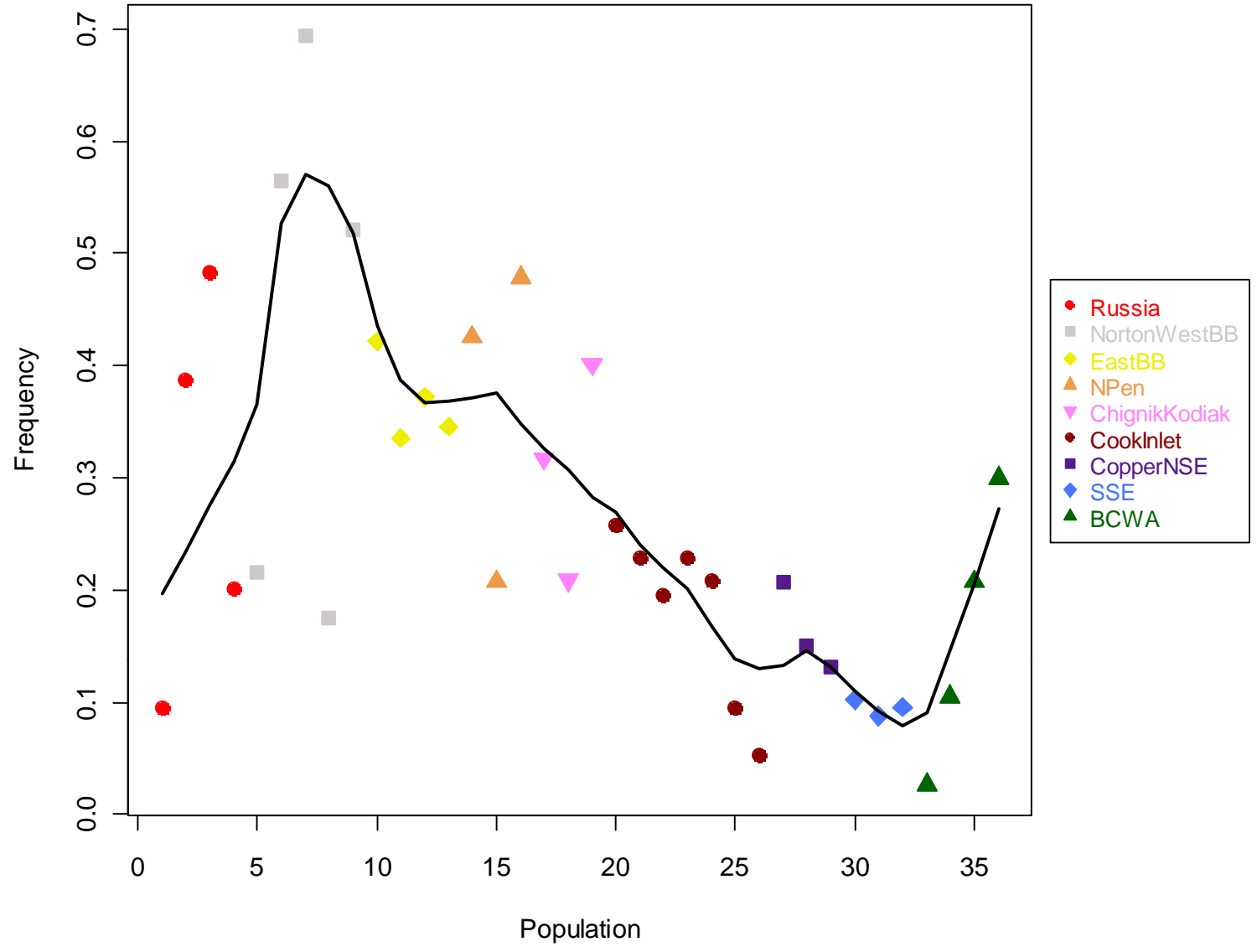
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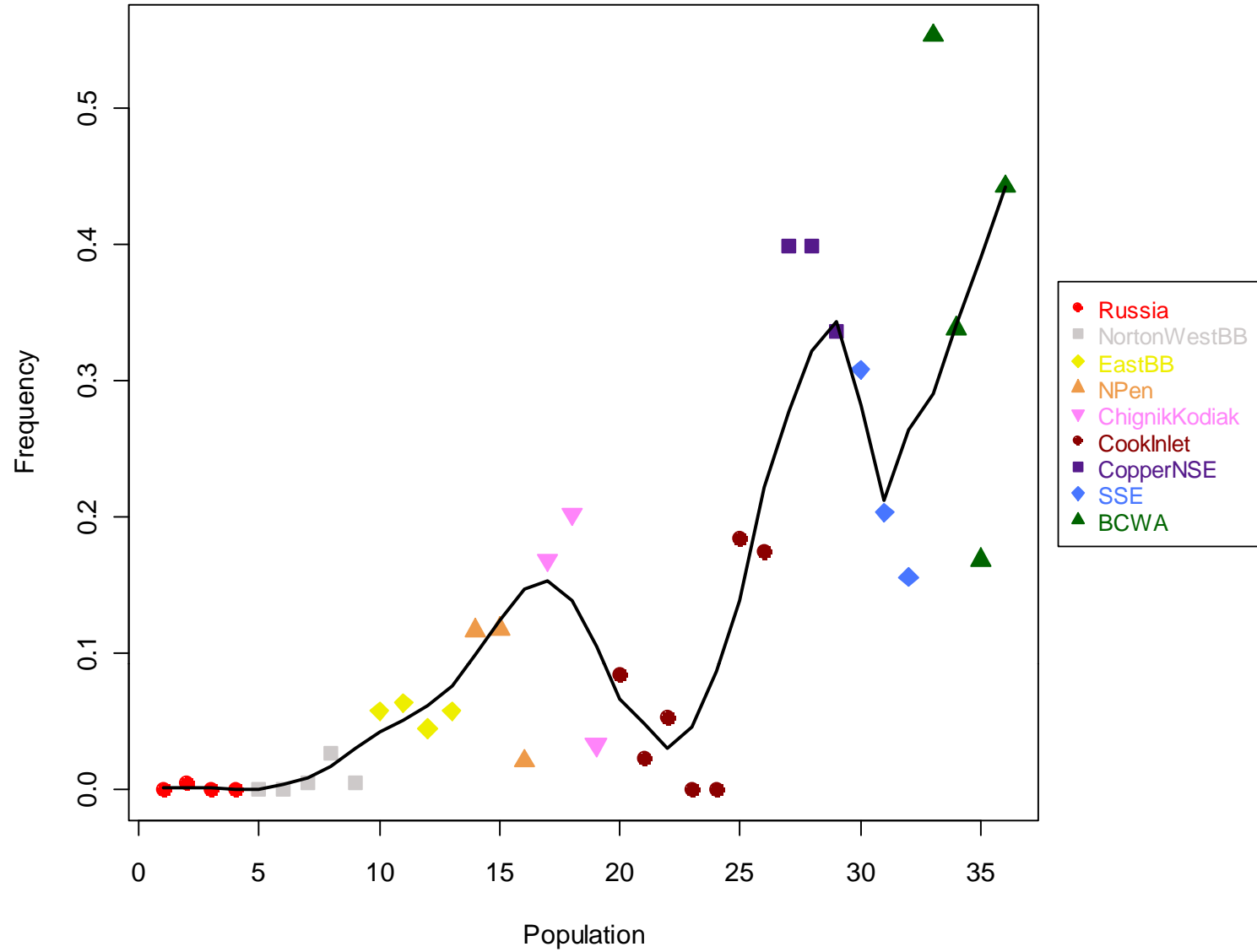
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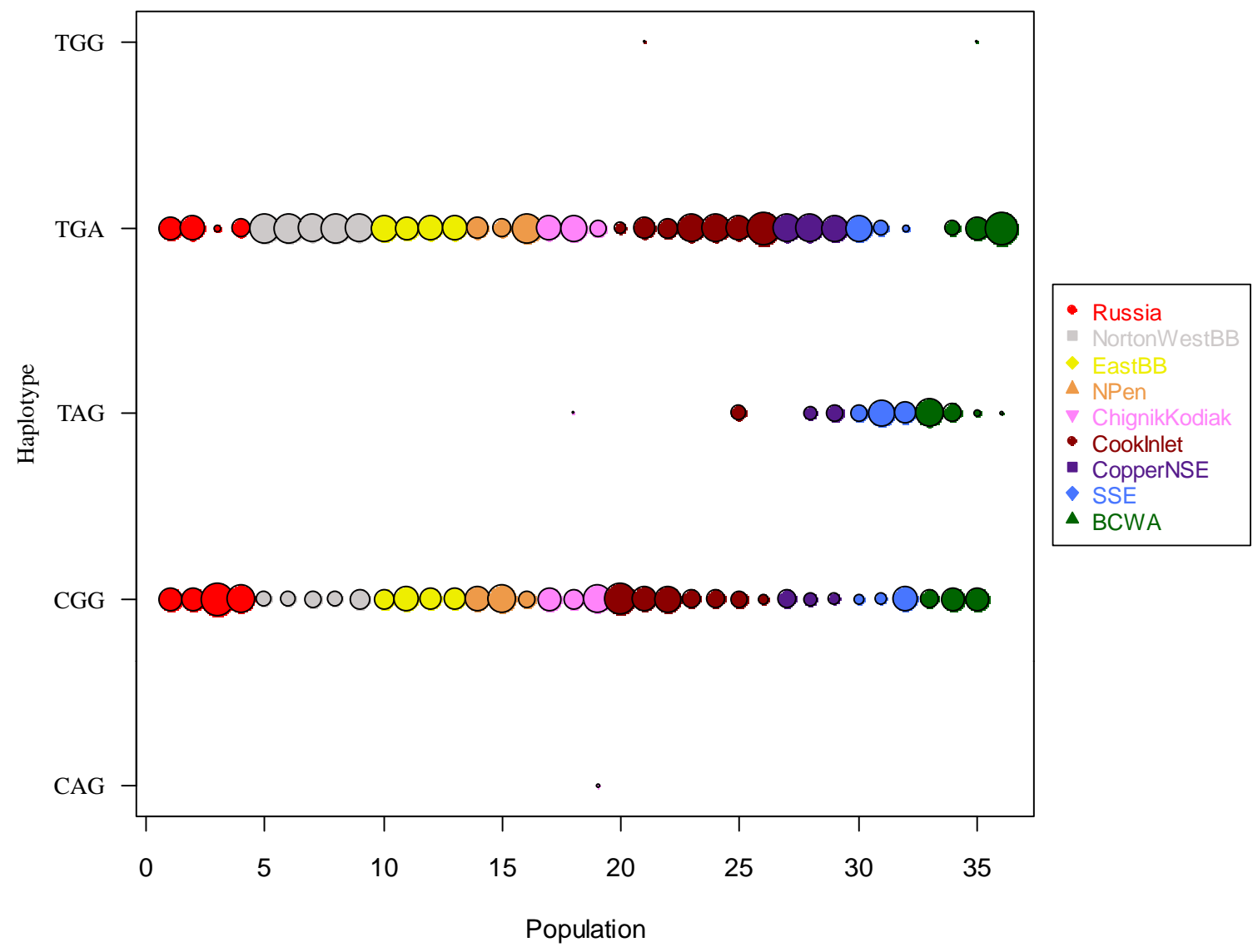
One_ZNF-61



One_Zp3b-49



One_CO1_Cytb17_26



One_MHC2-190_251

