

# Infer\_ST\_DV Command

## Description

Infers the species tree from gene trees using Democratic Vote. The gene trees must be specified in the [Rich Newick Format](#). The generated output trees will also be generated in the rich newick format. All the gene trees which have the highest frequency are returned.

## Usage

```
infer_ST_DV (gene_tree_ident1 [, gene_tree_ident2...]) [resultOutputFile]
```

<i>gene_tree_ident1</i> [, <i>gene_tree_ident2</i> ...]	Comma delimited list of gene tree identifiers. See <a href="#">details</a> .	mandatory
<i>resultOutputFile</i>	Optional file destination for command output.	optional

## Examples

```
#NEXUS

BEGIN NETWORKS;

Network g1 = (((a,b),c),d),e);
Network g2 = (((a,b),c),d),e);
Network g3 = (((a,b),c),d),e);
Network g4 = ((a,b),((c,e),d));
Network g5 = ((a,c),((b,e),d));
Network g6 = (((a,b),c),d),e);
Network g7 = ((a,b),((c,e),d));
END;

BEGIN PHYLONET;

Infer_ST_DV (g1, g2, g3, g4, g5, g6, g7);

END;
```

## See Also

- [List of PhyloNet Commands](#)