*Date of study*

January 2019- February 2021

*Date of Public Archiving:*

February 2021 (once accepted for publication)

*Last modified*:

January 11th 2020

**Update 30 Nov 2023: Lizzie here, I am moving this to `NotCompleted\_butArchived’ folder as Darwin left his PhD.**

*Goal*

To understand and predict Winegrape pathogen host jumping, host ranges and virulence

*Contributors*

Darwin Sodhi [dsodhi@mail.ubc.ca](mailto:dsodhi@mail.ubc.ca)

Jonathan Davies [j.davies@ubc.ca](mailto:j.davies@ubc.ca)

Lizzie Wolkovich [wolkovic@mail.ubc.ca](mailto:wolkovic@mail.ubc.ca)

Andy Gougherty [a.gougherty@gmail.com](mailto:a.gougherty@gmail.com)

*General Files*

| **File** | **Where** | **What** |
| --- | --- | --- |
| Winegrape.txt | [Github](https://github.com/DarwinSodhi/Wine-Grape-Disease/blob/master/Winegrape.txt) | Descriptions of questions/hypothese and analyses we want to run |

*Data and Code*

**Github** <https://github.com/DarwinSodhi/Wine-Grape-Disease>

**Knb**

| **File** | **Where** | **What** |
| --- | --- | --- |
| [Wine\_grape\_disease.xlsx](https://github.com/DarwinSodhi/Wine-Grape-Disease/blob/master/data/Wine_grape_disease.xlsx) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | Data collected on winegrape pathogens |
| [Botryosphaeriaceae](https://github.com/DarwinSodhi/Wine-Grape-Disease/tree/master/data/Botryosphaeriaceae)  [Fungal](https://github.com/DarwinSodhi/Wine-Grape-Disease/tree/master/data/Fungal)  [Pests](https://github.com/DarwinSodhi/Wine-Grape-Disease/tree/master/data/Pests)  [nematode](https://github.com/DarwinSodhi/Wine-Grape-Disease/tree/master/data/nematode) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | Raw data on synonyms of Botryoshaeriaceae, fungal, pest and nematode species |
| [Pathogensandhosts.csv](https://github.com/DarwinSodhi/Wine-Grape-Disease/blob/master/data/pathogensandhosts.csv) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | List of pathogens and agricultural hosts they are found on |
| [agricultural\_species.csv](https://github.com/DarwinSodhi/Wine-Grape-Disease/blob/master/data/agricultural_species.csv) | Github repo:<https://github.com/DarwinSodhi/Wine-Grape-Disease> | Full list of all agricultural species on earth |
| [MNTD\_MPDcomparison.xlsx](https://github.com/DarwinSodhi/Wine-Grape-Disease/blob/master/data/MNTD_MPDcomparison.xlsx) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | Comparing MPD and MNTD based on the different analyses |
| [analysis](https://github.com/DarwinSodhi/Wine-Grape-Disease/tree/master/analysis) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | All analyses conducted in the first wine grape paper |
| [Zanne\_et\_al\_2013](https://github.com/DarwinSodhi/Wine-Grape-Disease/tree/master/Zanne_et_al_2013) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | Phylogenetic tree used for all analyses |
| [figures](https://github.com/DarwinSodhi/Wine-Grape-Disease/tree/master/figures) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | All figures in winegrape paper |
| [winegrapepathogens.txt](https://github.com/DarwinSodhi/Wine-Grape-Disease/blob/master/Winegrape.txt) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | Text document containing all winegrape pathogens and their host ranges taken from CABI |
| [allGrapepests.csv](https://github.com/DarwinSodhi/Wine-Grape-Disease/blob/master/data/allGrapePests.csv) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | CSV file of nicely formatted winegrape pathogens and their entire host range |
| [yieldLoss.csv](https://github.com/DarwinSodhi/Wine-Grape-Disease/blob/master/data/yieldLoss.csv) | Github repo: <https://github.com/DarwinSodhi/Wine-Grape-Disease> | CSV file of all virulence data for all pathogens scraped from CABI |