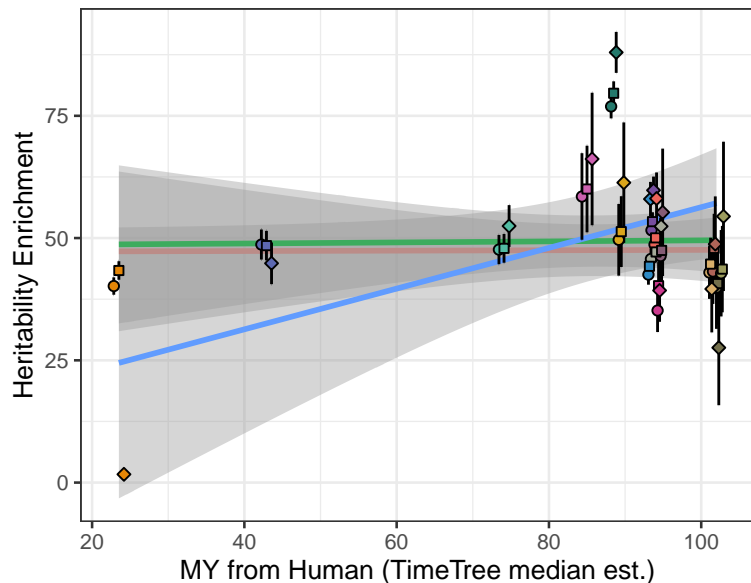
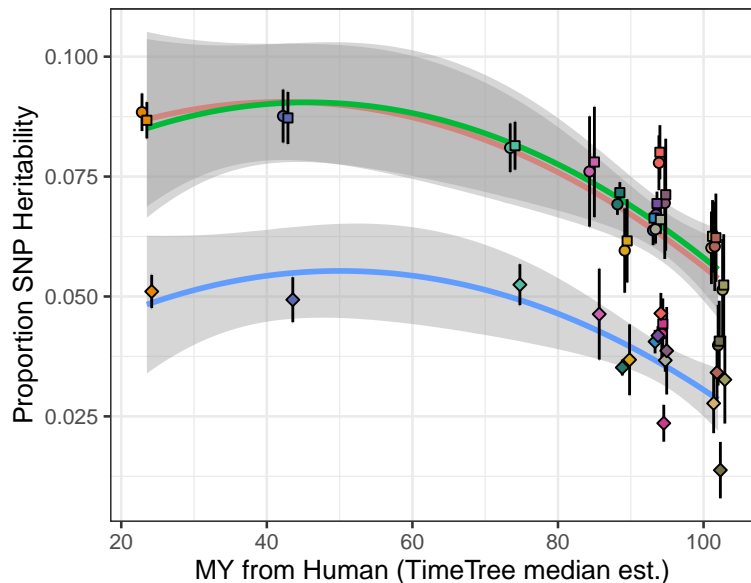


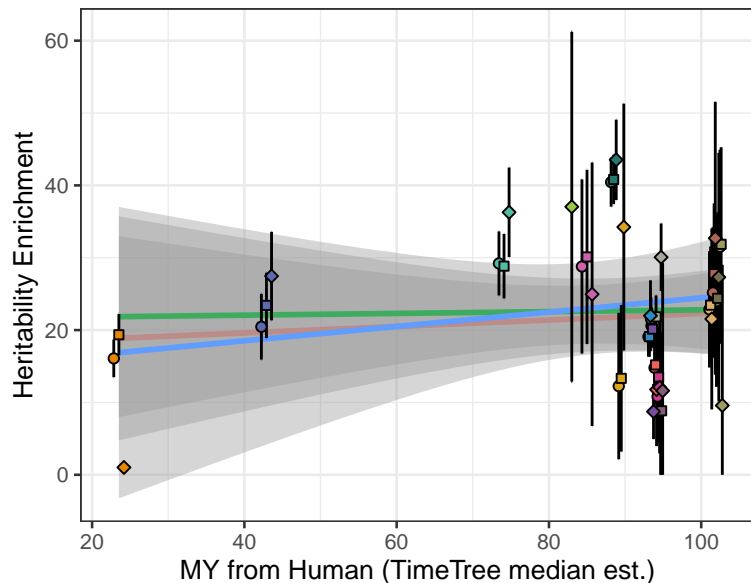
INT\_Pvalb, Cross-Psych\_E



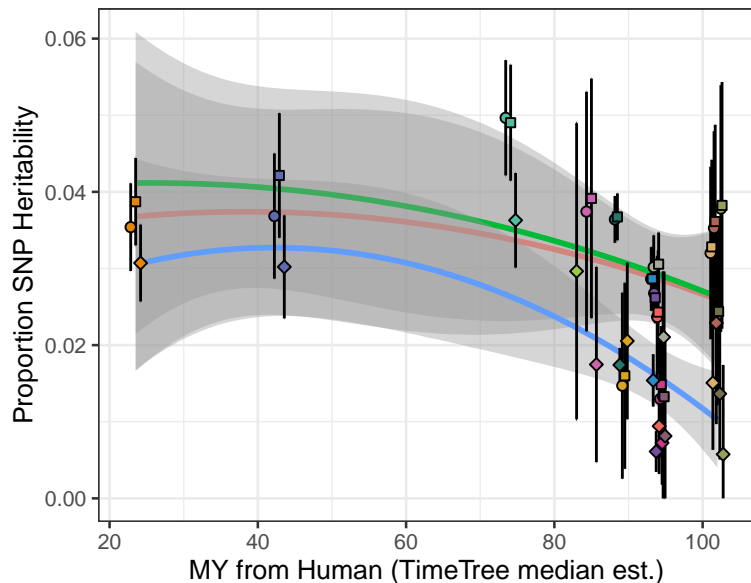
INT\_Pvalb, Cross-Psych\_E



INT\_Pvalb, ADHD\_E



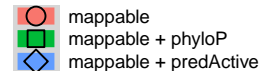
INT\_Pvalb, ADHD\_E



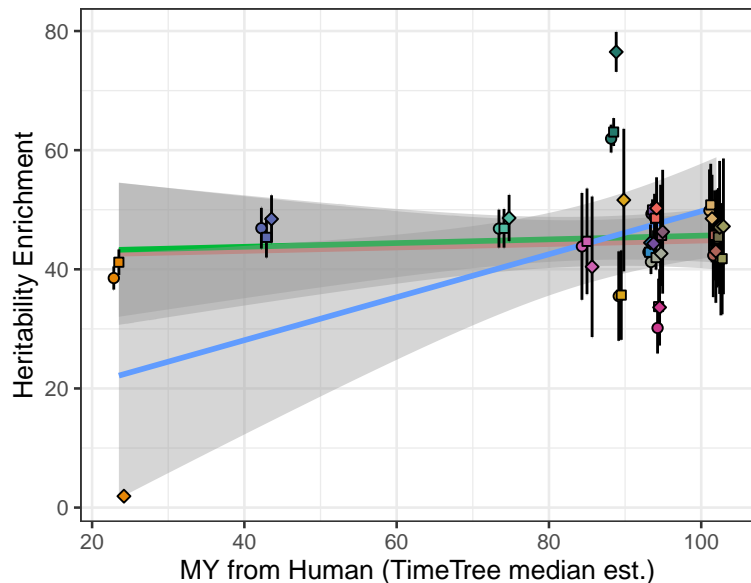
Order



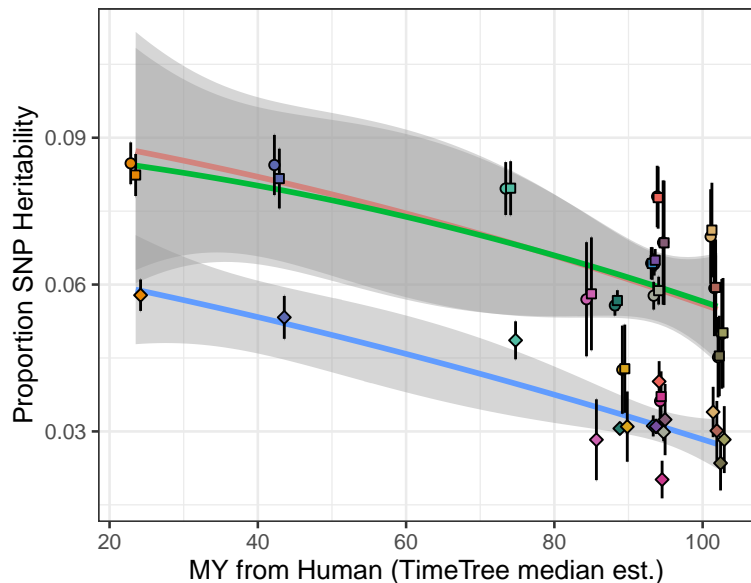
plotGroup



INT\_Pvalb, Bipolar\_E



INT\_Pvalb, Bipolar\_E



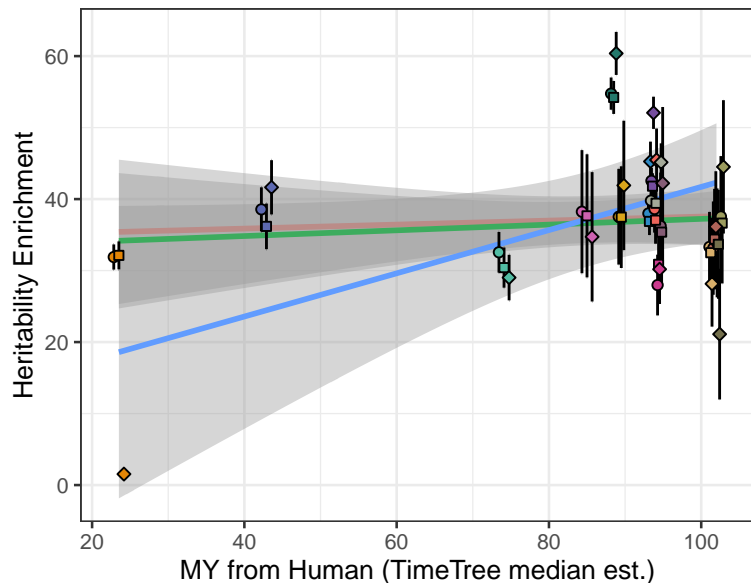
plotGroup

- mappable
- mappable + phyloP
- ◇ mappable + predActive

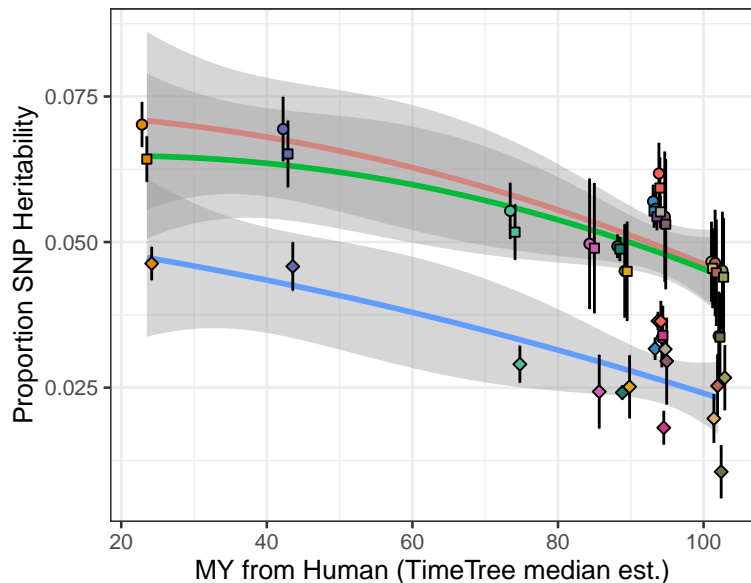
Order

- |   |  |   |   |   |   |
|---|--|---|---|---|---|
| <span style="color: orange;">○</span> Primates_OW     | <span style="color: pink;">○</span> Scandentia   | <span style="color: lightblue;">○</span> Carnivora    | <span style="color: magenta;">○</span> Eulipotyphla | <span style="color: gold;">○</span> Pilosa            | <span style="color: olive;">○</span> Hyracoidea |
| <span style="color: blue;">○</span> Primates_NW       | <span style="color: teal;">○</span> Rodentia     | <span style="color: purple;">○</span> Cetartiodactyla | <span style="color: grey;">○</span> Chiroptera      | <span style="color: brown;">○</span> Cingulata        |   |
| <span style="color: lightgreen;">○</span> Primates_ST | <span style="color: yellow;">○</span> Lagomorpha | <span style="color: red;">○</span> Perissodactyla     | <span style="color: darkgrey;">○</span> Pholidota   | <span style="color: darkbrown;">○</span> Afrosoricida |   |

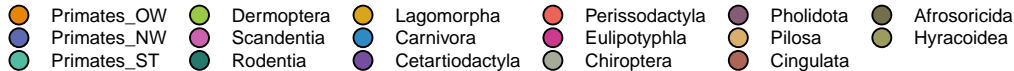
INT\_Pvalb, Depression\_E



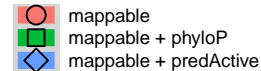
INT\_Pvalb, Depression\_E



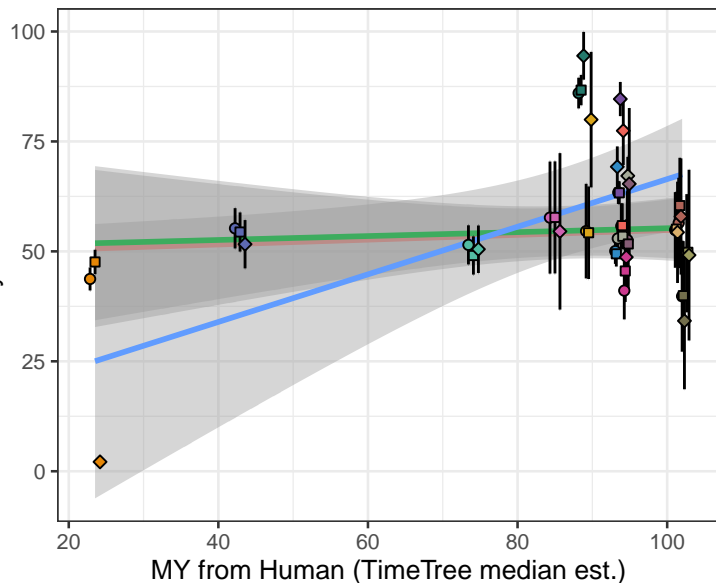
Order



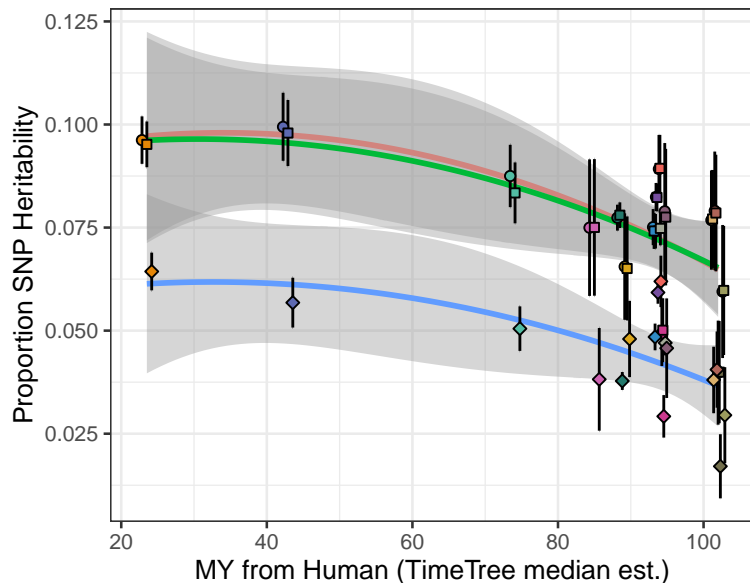
plotGroup



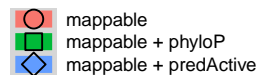
INT\_Pvalb, MDD\_E



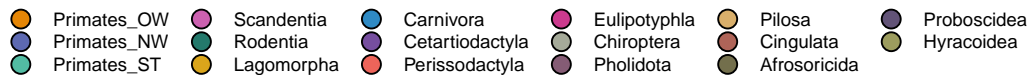
INT\_Pvalb, MDD\_E



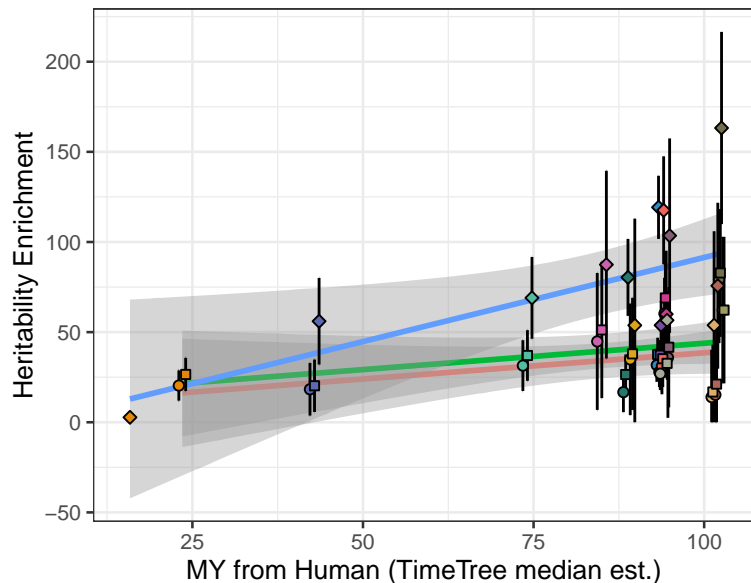
plotGroup



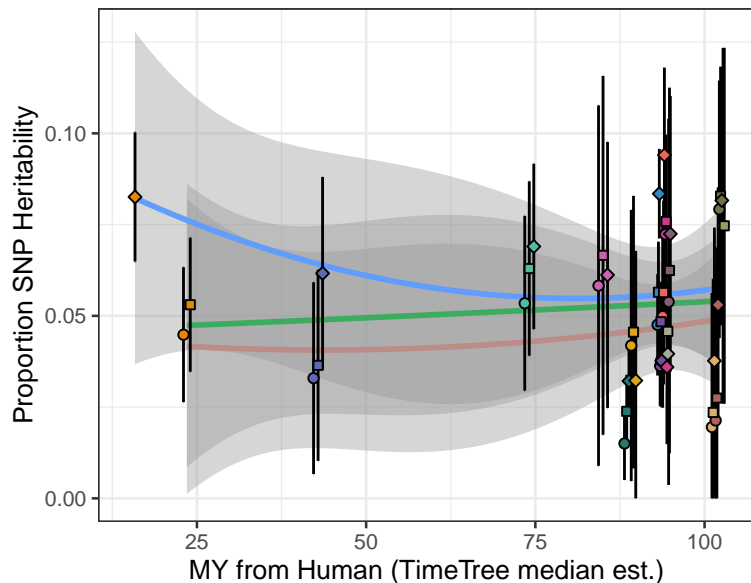
Order



INT\_Pvalb, OCD\_E



INT\_Pvalb, OCD\_E



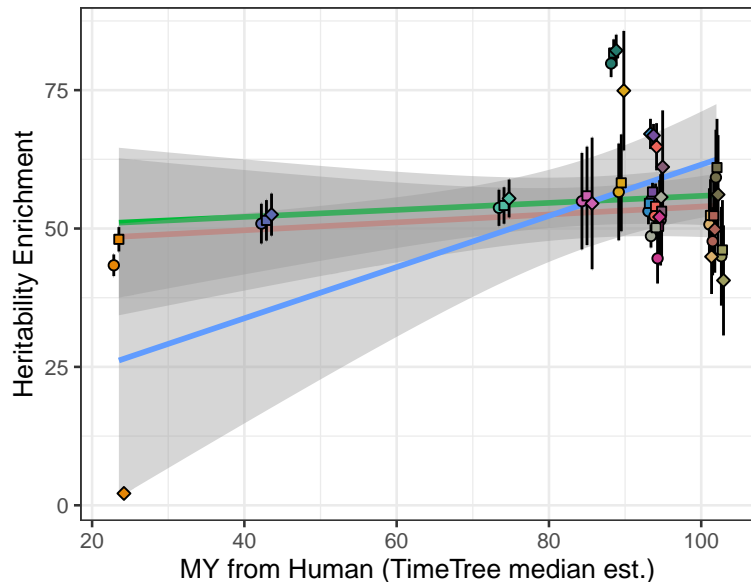
plotGroup

- mappable
- mappable + phyloP
- ◆ mappable + predActive

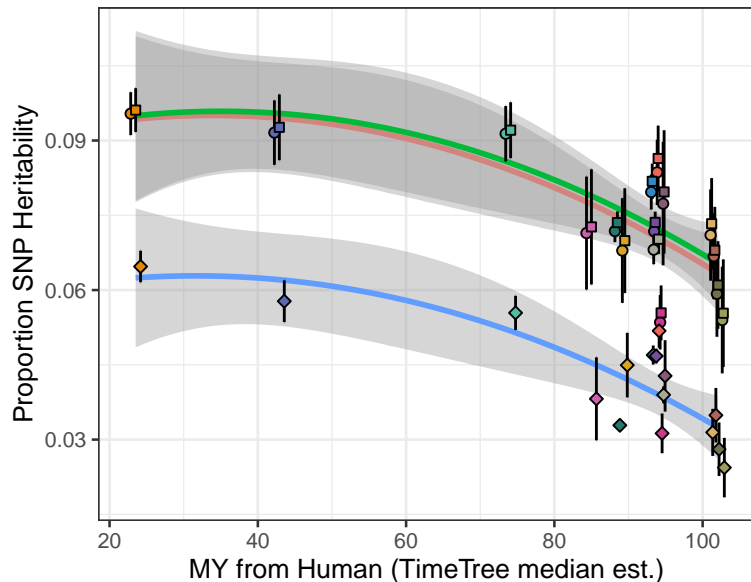
Order

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| <span style="color: orange;">○</span> Primates_OW   | <span style="color: magenta;">○</span> Scandentia | <span style="color: lightblue;">○</span> Carnivora    | <span style="color: pink;">○</span> Eulipotyphla    | <span style="color: gold;">○</span> Pilosa            | <span style="color: olive;">○</span> Hyracoidea |
| <span style="color: darkblue;">○</span> Primates_NW | <span style="color: darkgreen;">○</span> Rodentia | <span style="color: purple;">○</span> Cetartiodactyla | <span style="color: grey;">○</span> Chiroptera      | <span style="color: brown;">○</span> Cingulata        |   |
| <span style="color: teal;">○</span> Primates_ST     | <span style="color: yellow;">○</span> Lagomorpha  | <span style="color: red;">○</span> Perissodactyla     | <span style="color: darkpurple;">○</span> Pholidota | <span style="color: darkbrown;">○</span> Afrosoricida |   |

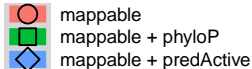
INT\_Pvalb, Schizophrenia\_E



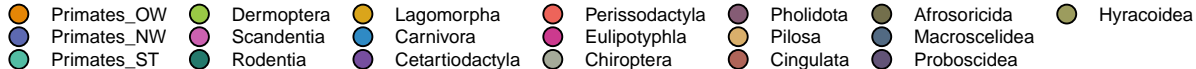
INT\_Pvalb, Schizophrenia\_E



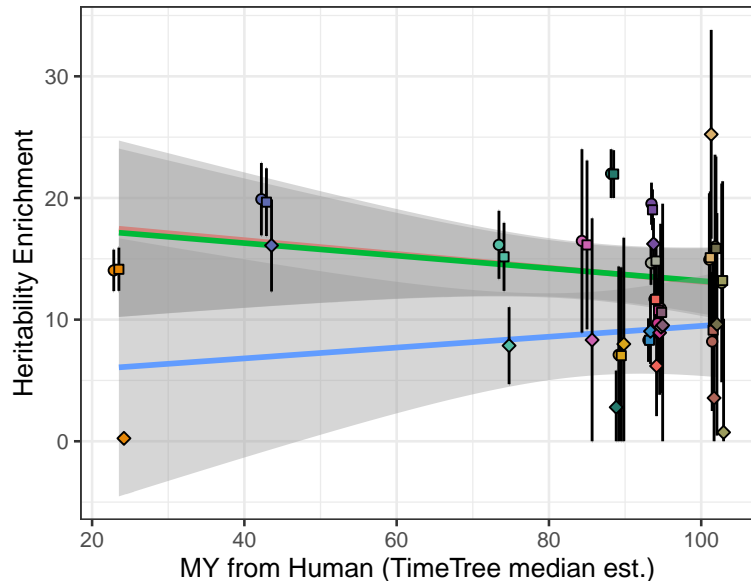
plotGroup



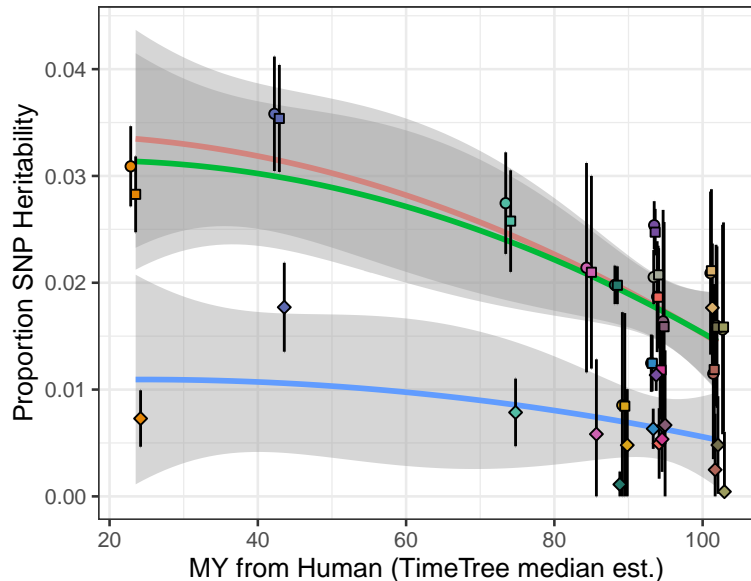
Order



INT\_Pvalb, DrinksPerWeek\_E



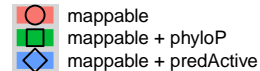
INT\_Pvalb, DrinksPerWeek\_E



Order

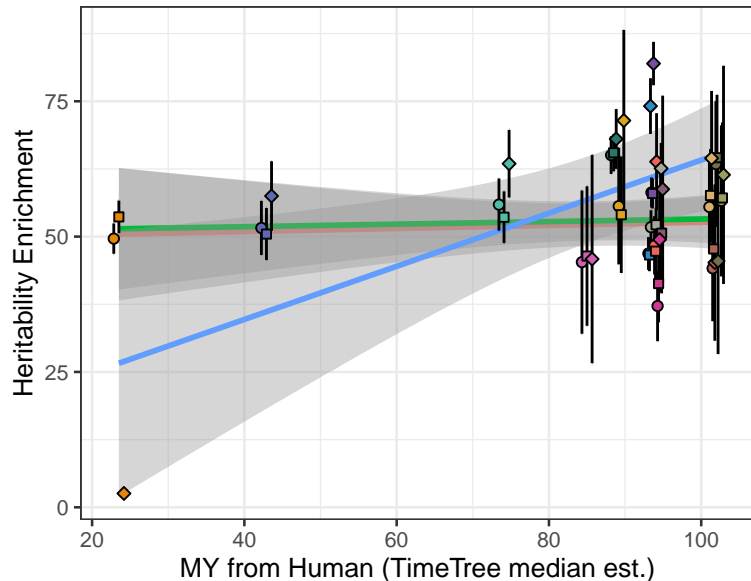


plotGroup

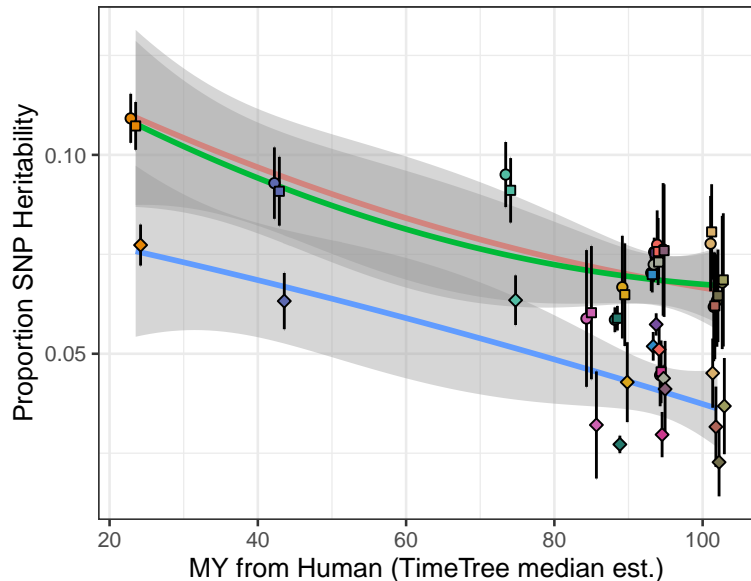




INT\_Pvalb, CannabisUse\_E



INT\_Pvalb, CannabisUse\_E



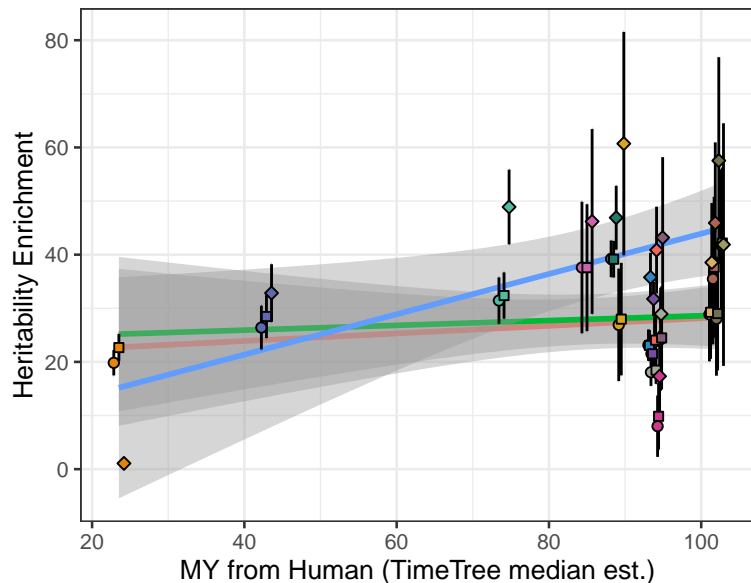
plotGroup

- mappable
- mappable + phyloP
- mappable + predActive

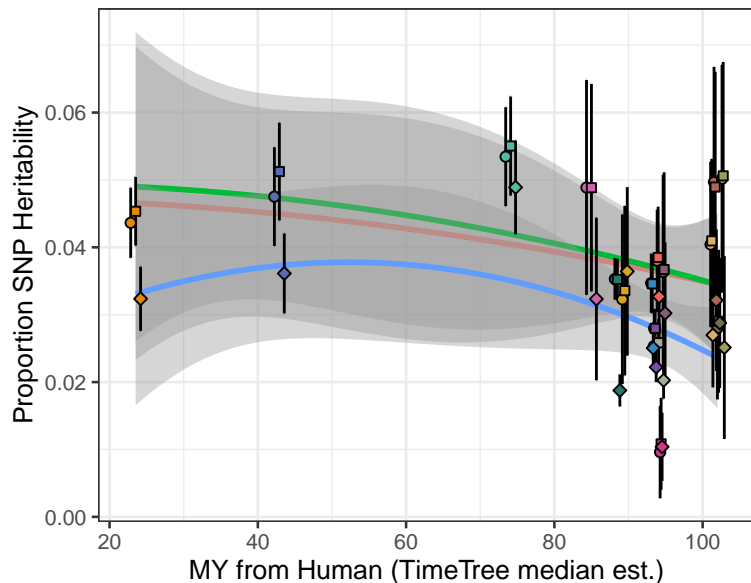
Order

- |   |   |   |   |  |   |
|---|---|---|---|--|---|
| <span style="color: orange;">●</span> Primates_OW | <span style="color: magenta;">●</span> Scandentia | <span style="color: teal;">●</span> Carnivora         | <span style="color: magenta;">●</span> Eulipotyphla | <span style="color: orange;">●</span> Pilosa               | <span style="color: purple;">●</span> Proboscidea |
| <span style="color: blue;">●</span> Primates_NW   | <span style="color: teal;">●</span> Rodentia      | <span style="color: purple;">●</span> Cetartiodactyla | <span style="color: grey;">●</span> Chiroptera      | <span style="color: brown;">●</span> Cingulata             | <span style="color: olive;">●</span> Hyracoidea   |
| <span style="color: teal;">●</span> Primates_ST   | <span style="color: orange;">●</span> Lagomorpha  | <span style="color: red;">●</span> Perissodactyla     | <span style="color: purple;">●</span> Pholidota     | <span style="color: darkolivegreen;">●</span> Afrosoricida |   |

INT\_Pvalb, SmokCigPerDay\_E



INT\_Pvalb, SmokCigPerDay\_E



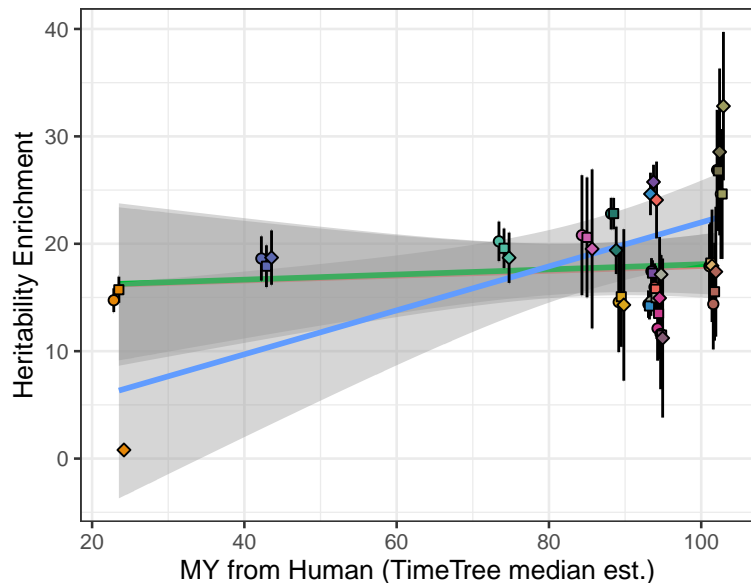
plotGroup

- mappable
- mappable + phyloP
- ◆ mappable + predActive

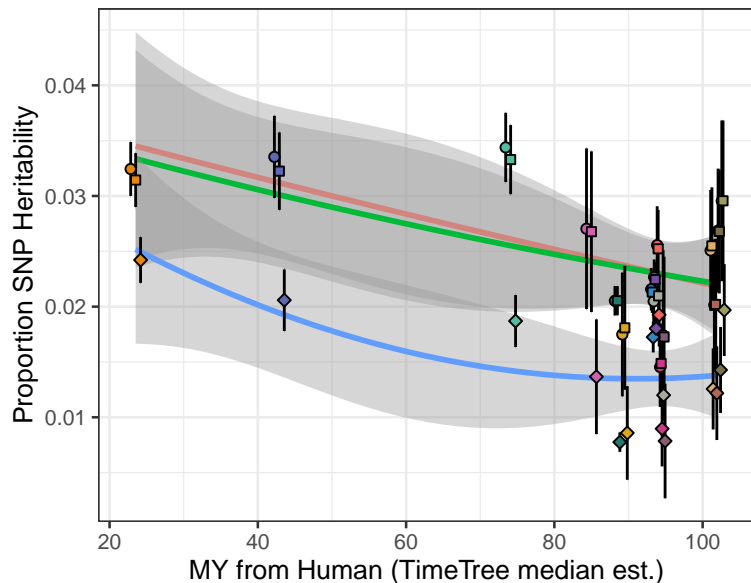
Order

- |   |   |   |   |  |  |
|---|---|---|---|--|--|
| <span style="color: orange;">●</span> Primates_OW | <span style="color: magenta;">●</span> Scandentia | <span style="color: lightblue;">●</span> Carnivora    | <span style="color: magenta;">●</span> Eulipotyphla | <span style="color: gold;">●</span> Pilosa                 | <span style="color: darkgreen;">●</span> Sirenia |
| <span style="color: blue;">●</span> Primates_NW   | <span style="color: darkgreen;">●</span> Rodentia | <span style="color: purple;">●</span> Cetartiodactyla | <span style="color: gray;">●</span> Chiroptera      | <span style="color: brown;">●</span> Cingulata             | <span style="color: olive;">●</span> Hyracoidea  |
| <span style="color: teal;">●</span> Primates_ST   | <span style="color: yellow;">●</span> Lagomorpha  | <span style="color: red;">●</span> Perissodactyla     | <span style="color: purple;">●</span> Pholidota     | <span style="color: darkolivegreen;">●</span> Afrosoricida |  |

INT\_Pvalb, SmokInitiation\_E



INT\_Pvalb, SmokInitiation\_E



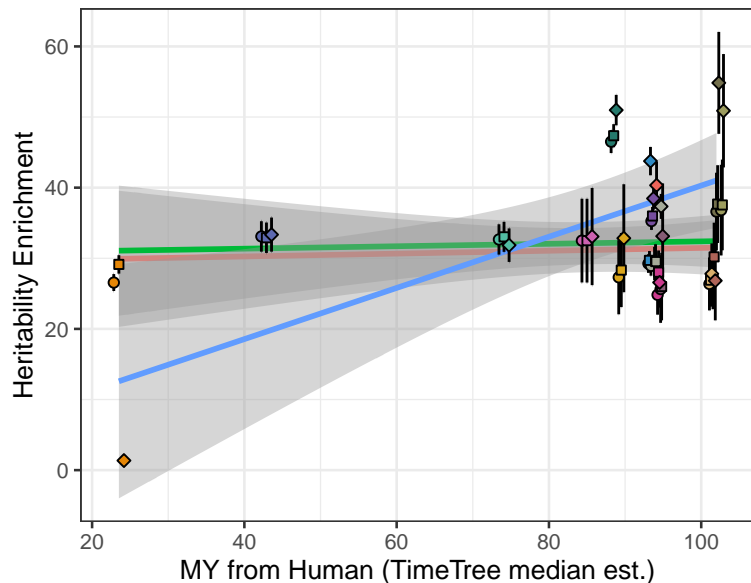
plotGroup

- mappable
- mappable + phyloP
- mappable + predActive

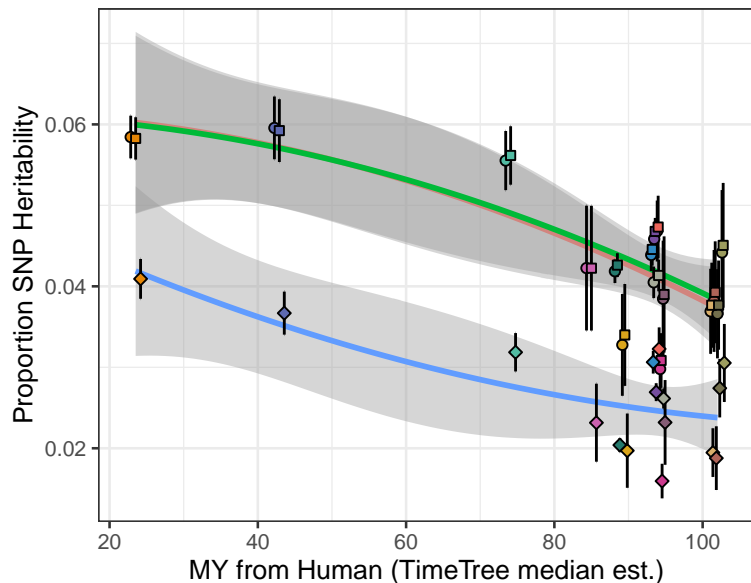
Order

- |   |   |   |   |  |   |
|---|---|---|---|--|---|
| <span style="color: orange;">●</span> Primates_OW | <span style="color: magenta;">●</span> Scandentia | <span style="color: teal;">●</span> Carnivora         | <span style="color: magenta;">●</span> Eulipotyphla | <span style="color: gold;">●</span> Pilosa           | <span style="color: olive;">●</span> Hyracoidea |
| <span style="color: blue;">●</span> Primates_NW   | <span style="color: teal;">●</span> Rodentia      | <span style="color: purple;">●</span> Cetartiodactyla | <span style="color: gray;">●</span> Chiroptera      | <span style="color: brown;">●</span> Cingulata       |   |
| <span style="color: teal;">●</span> Primates_ST   | <span style="color: yellow;">●</span> Lagomorpha  | <span style="color: red;">●</span> Perissodactyla     | <span style="color: purple;">●</span> Pholidota     | <span style="color: darkgray;">●</span> Afrosoricida |   |

INT\_Pvalb, EduAttain\_E



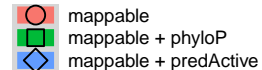
INT\_Pvalb, EduAttain\_E



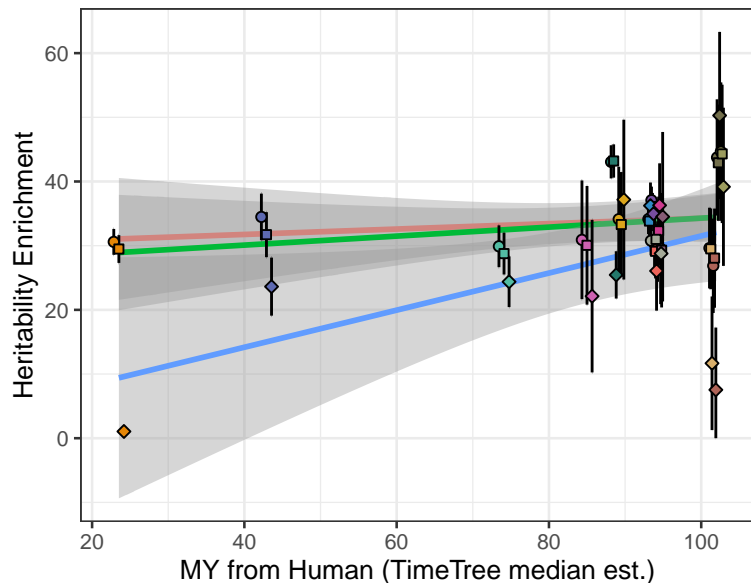
Order



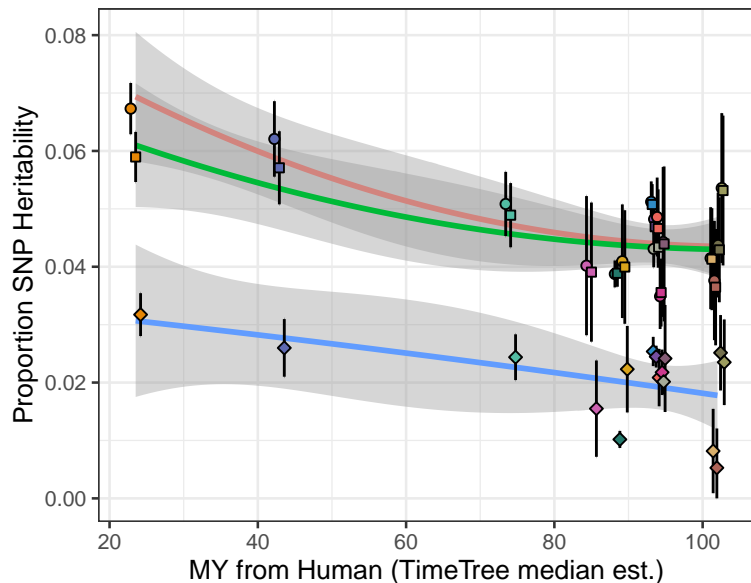
plotGroup



INT\_Pvalb, Income\_E



INT\_Pvalb, Income\_E



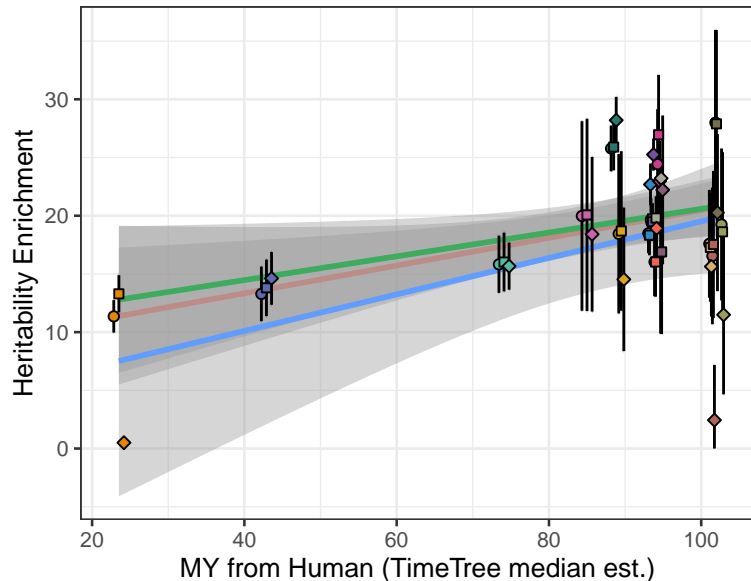
plotGroup

- mappable
- mappable + phyloP
- ◇ mappable + predActive

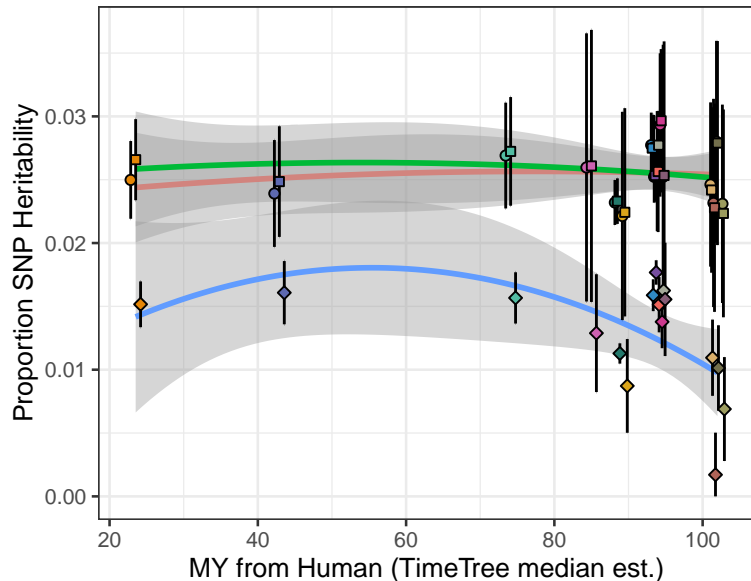
Order

- |   |   |   |   |  |   |
|---|---|---|---|--|---|
| <span style="color: orange;">○</span> Primates_OW | <span style="color: magenta;">○</span> Scandentia | <span style="color: lightblue;">○</span> Carnivora    | <span style="color: magenta;">○</span> Eulipotyphla | <span style="color: gold;">○</span> Pilosa                 | <span style="color: olive;">○</span> Hyracoidea |
| <span style="color: blue;">○</span> Primates_NW   | <span style="color: teal;">○</span> Rodentia      | <span style="color: purple;">○</span> Cetartiodactyla | <span style="color: grey;">○</span> Chiroptera      | <span style="color: brown;">○</span> Cingulata             |   |
| <span style="color: teal;">○</span> Primates_ST   | <span style="color: yellow;">○</span> Lagomorpha  | <span style="color: red;">○</span> Perissodactyla     | <span style="color: darkgrey;">○</span> Pholidota   | <span style="color: darkolivegreen;">○</span> Afrosoricida |   |

INT\_Pvalb, BMI\_E



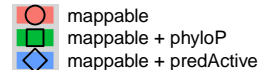
INT\_Pvalb, BMI\_E



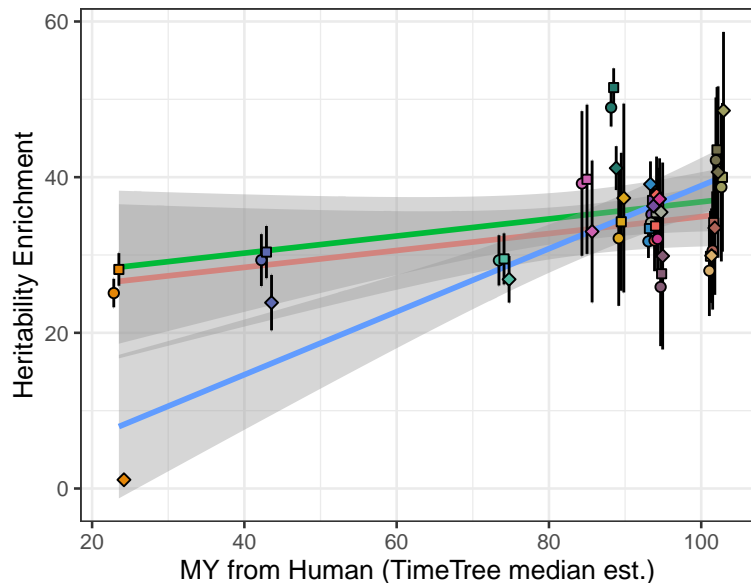
Order



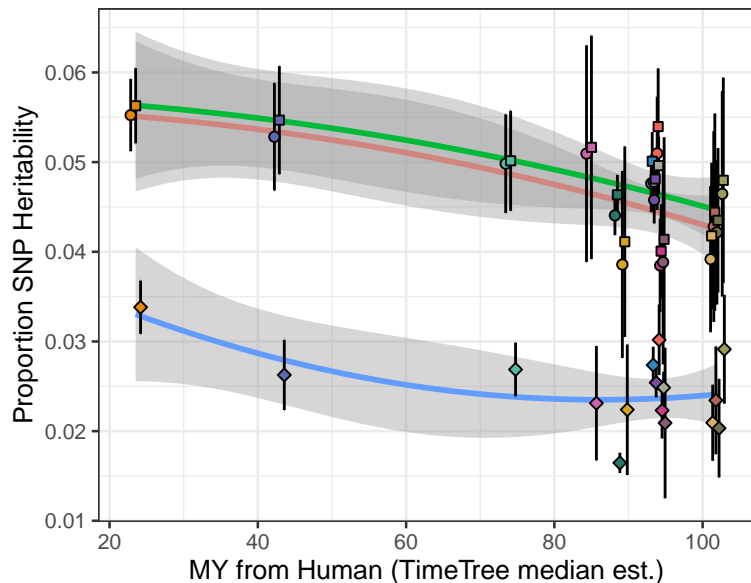
plotGroup



INT\_Pvalb, Neuroticsim\_E



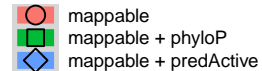
INT\_Pvalb, Neuroticsim\_E



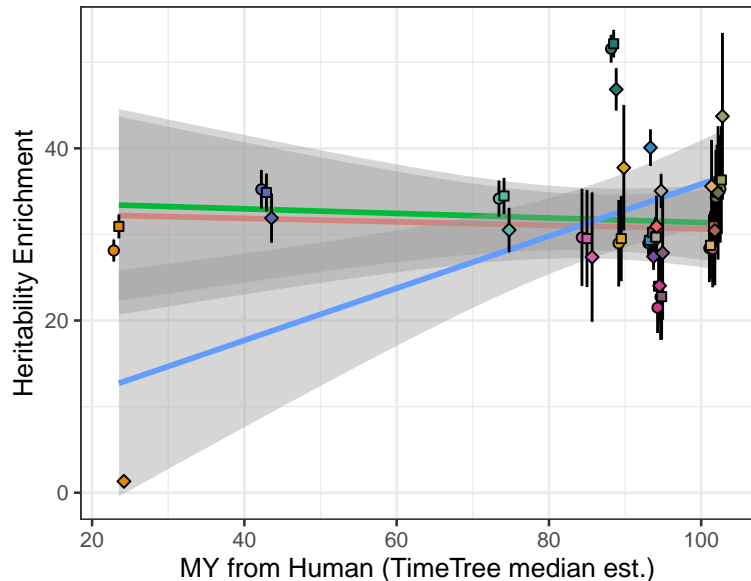
Order



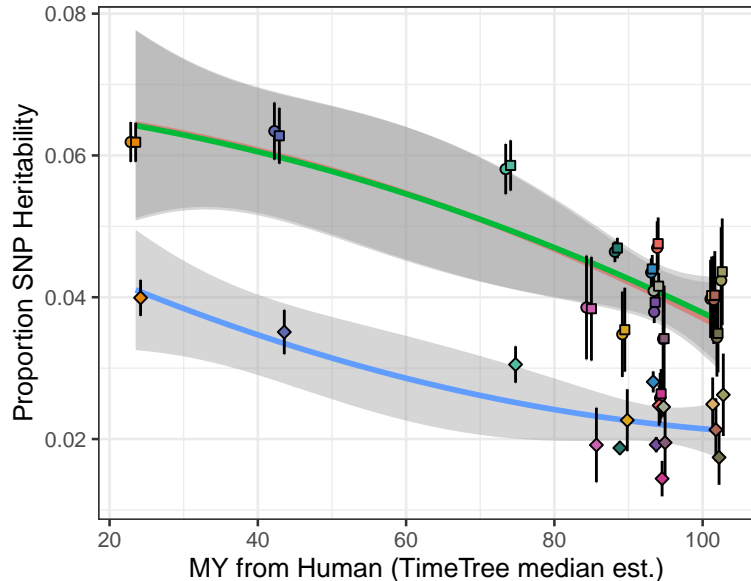
plotGroup



INT\_Pvalb, Intelligence\_E



INT\_Pvalb, Intelligence\_E



Order



Primates\_OW



Scandentia



Carnivora



Eulipotyphla



Pilosa



Sirenia



Primates\_NW



Rodentia



Cetartiodactyla



Chiroptera



Cingulata



Hyracoidea



Primates\_ST



Lagomorpha



Perissodactyla



Pholidota



Afrosoricida



Tubulidentata

plotGroup



mappable



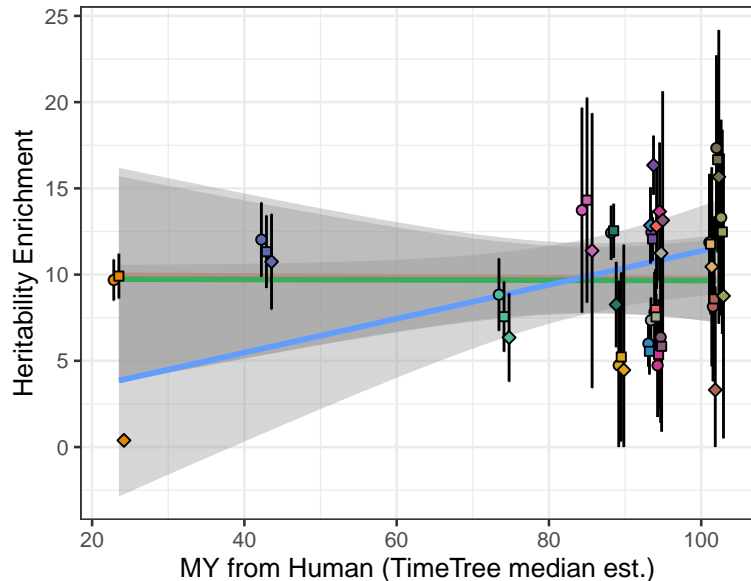
mappable + phyloP



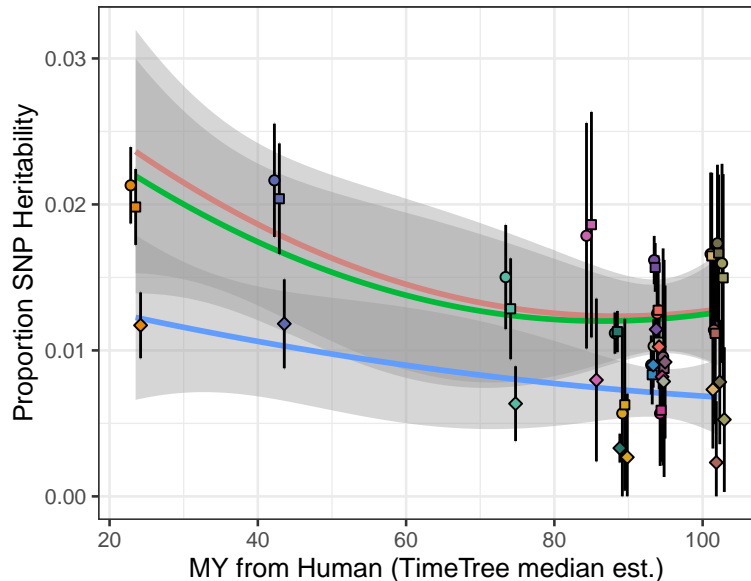
mappable + predActive



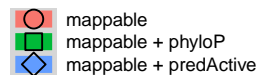
INT\_Pvalb, RiskyBehavior\_E



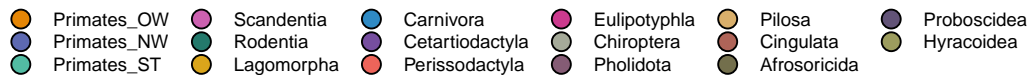
INT\_Pvalb, RiskyBehavior\_E



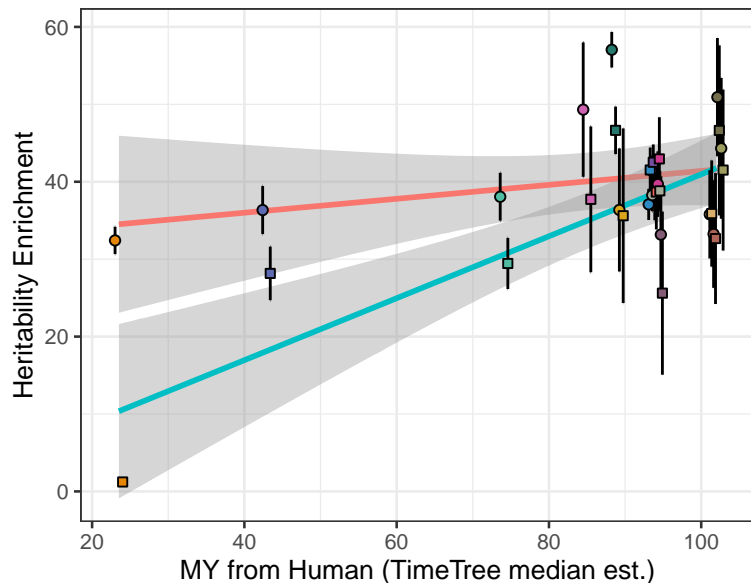
plotGroup



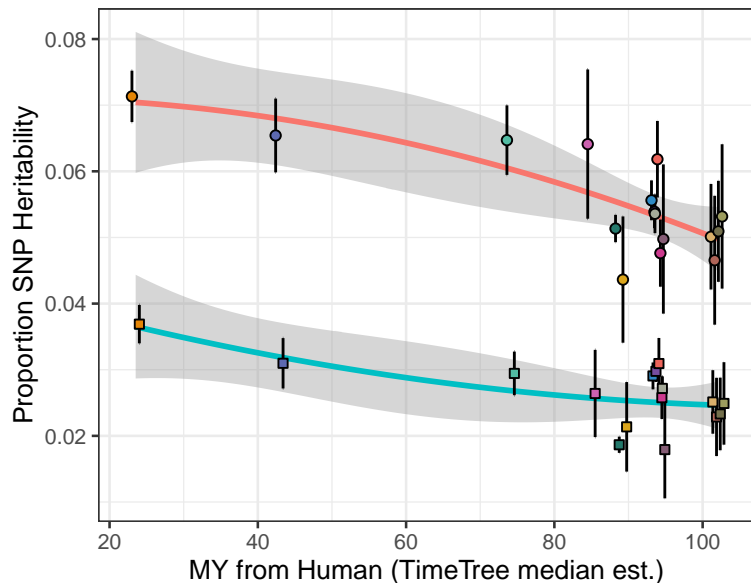
Order



INT\_Pvalb, Worry\_E



INT\_Pvalb, Worry\_E



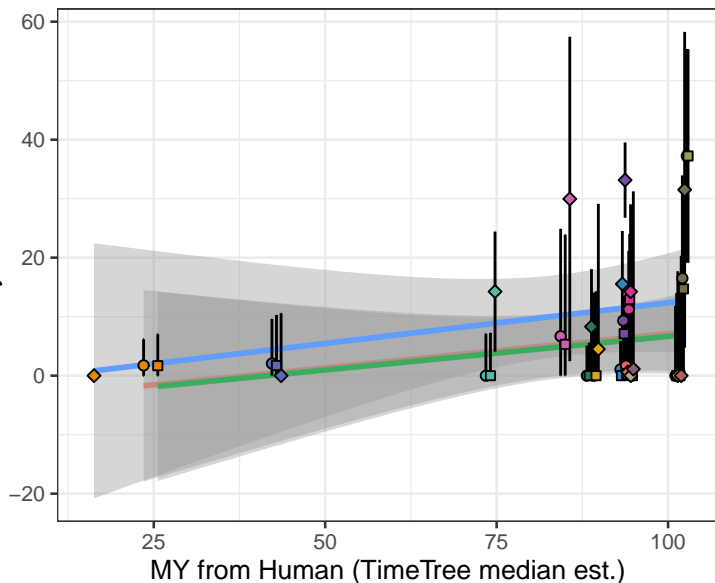
plotGroup

- mappable
- mappable + predActive

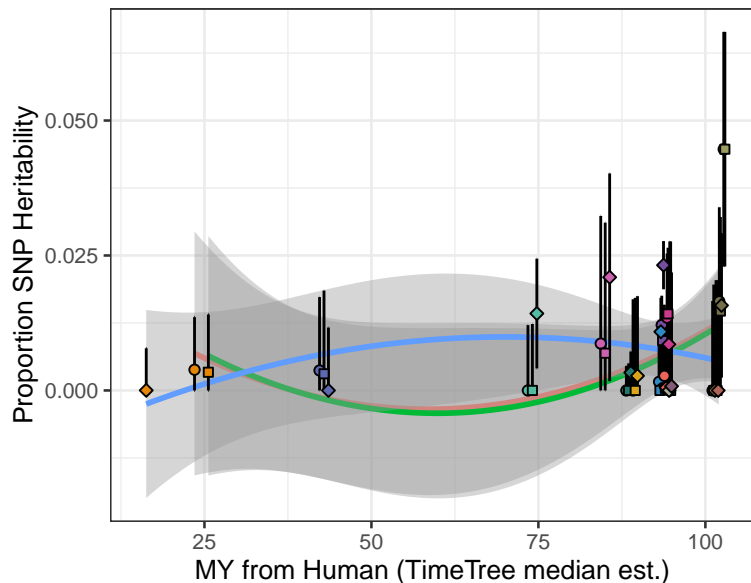
Order

- |   |   |   |   |  |   |
|---|---|---|---|--|---|
| <span style="color: orange;">●</span> Primates_OW | <span style="color: magenta;">●</span> Scandentia | <span style="color: blue;">●</span> Carnivora         | <span style="color: magenta;">●</span> Eulipotyphla | <span style="color: gold;">●</span> Pilosa                 | <span style="color: olive;">●</span> Hyracoidea |
| <span style="color: purple;">●</span> Primates_NW | <span style="color: darkgreen;">●</span> Rodentia | <span style="color: purple;">●</span> Cetartiodactyla | <span style="color: gray;">●</span> Chiroptera      | <span style="color: brown;">●</span> Cingulata             |   |
| <span style="color: teal;">●</span> Primates_ST   | <span style="color: yellow;">●</span> Lagomorpha  | <span style="color: red;">●</span> Perissodactyla     | <span style="color: darkgray;">●</span> Pholidota   | <span style="color: darkolivegreen;">●</span> Afrosoricida |   |

INT\_Pvalb, ChronicPain\_E



INT\_Pvalb, ChronicPain\_E



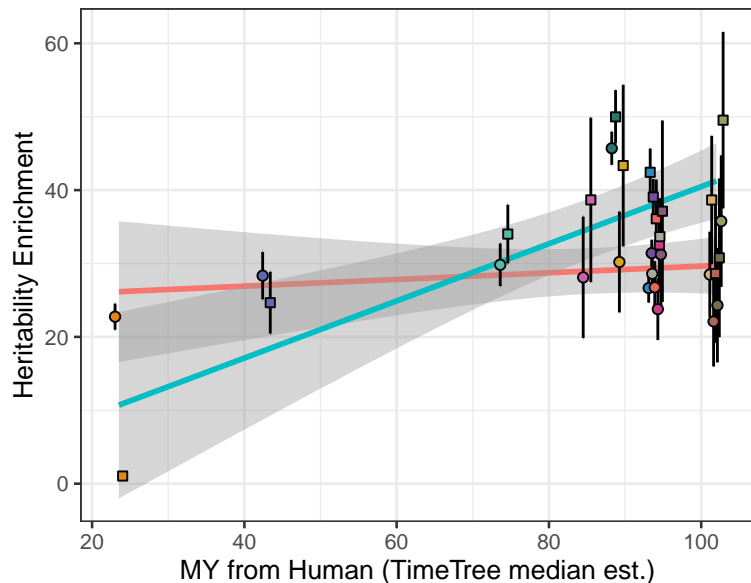
plotGroup

- mappable
- mappable + phyloP
- ◇ mappable + predActive

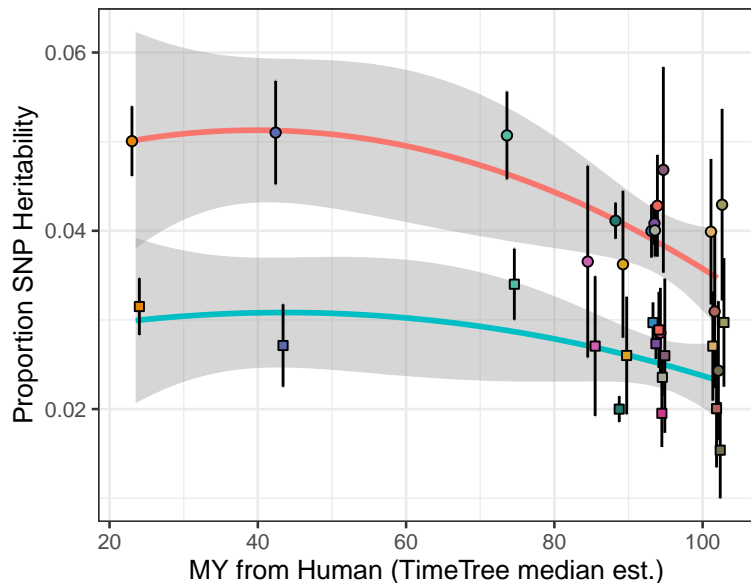
Order

- |   |   |   |   |  |  |
|---|---|---|---|--|--|
| <span style="color: orange;">○</span> Primates_OW   | <span style="color: magenta;">○</span> Scandentia | <span style="color: lightblue;">○</span> Carnivora    | <span style="color: magenta;">○</span> Eulipotyphla | <span style="color: gold;">○</span> Pilosa                 | <span style="color: darkgreen;">○</span> Sirenia |
| <span style="color: darkblue;">○</span> Primates_NW | <span style="color: darkgreen;">○</span> Rodentia | <span style="color: purple;">○</span> Cetartiodactyla | <span style="color: gray;">○</span> Chiroptera      | <span style="color: brown;">○</span> Cingulata             | <span style="color: olive;">○</span> Hyracoidea  |
| <span style="color: teal;">○</span> Primates_ST     | <span style="color: yellow;">○</span> Lagomorpha  | <span style="color: red;">○</span> Perissodactyla     | <span style="color: darkpurple;">○</span> Pholidota | <span style="color: darkolivegreen;">○</span> Afrosoricida |  |

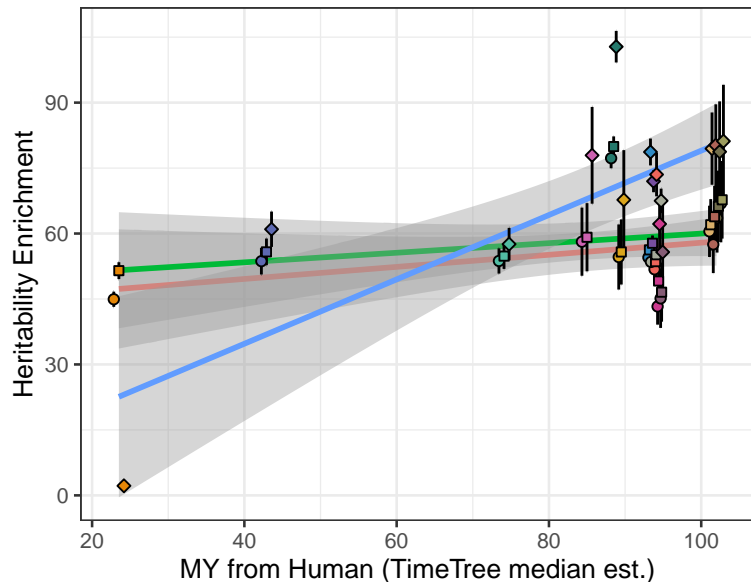
INT\_Pvalb, DaySleepiness\_E



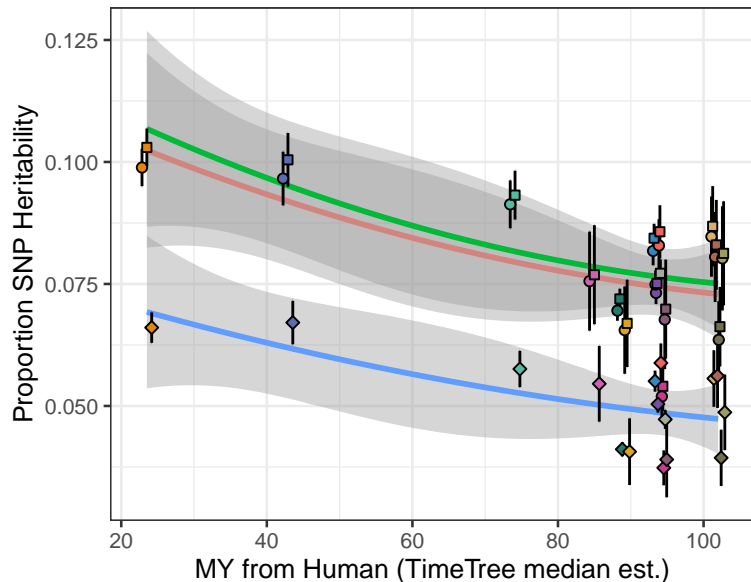
INT\_Pvalb, DaySleepiness\_E



INT\_Pvalb, Gettingup\_E



INT\_Pvalb, Gettingup\_E



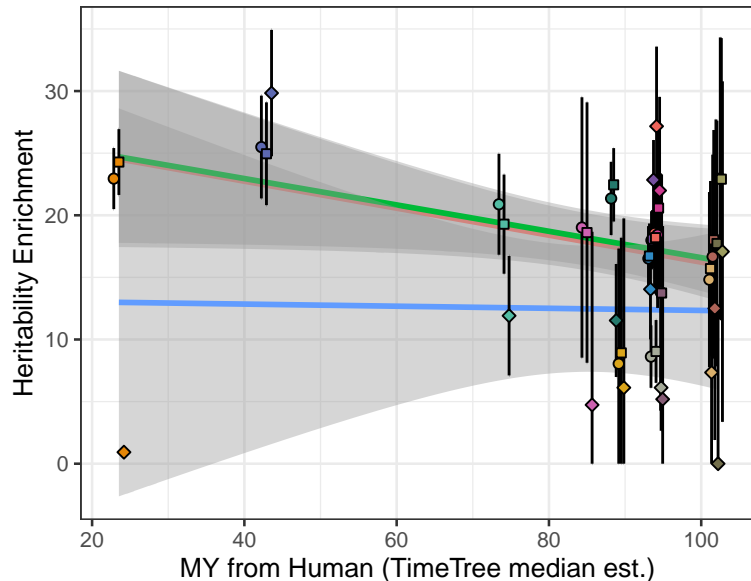
plotGroup

- mappable
- mappable + phyloP
- mappable + predActive

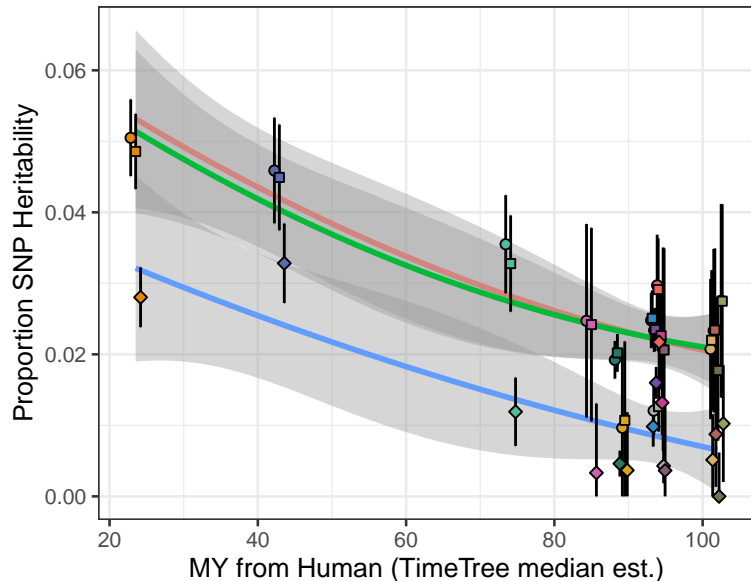
Order

- |   |  |   |   |   |   |
|---|--|---|---|---|---|
| <span style="color: orange;">●</span> Primates_OW     | <span style="color: pink;">●</span> Scandentia   | <span style="color: lightblue;">●</span> Carnivora      | <span style="color: magenta;">●</span> Eulipotyphla | <span style="color: gold;">●</span> Pilosa            | <span style="color: olive;">●</span> Hyracoidea |
| <span style="color: purple;">●</span> Primates_NW     | <span style="color: teal;">●</span> Rodentia     | <span style="color: darkblue;">●</span> Cetartiodactyla | <span style="color: gray;">●</span> Chiroptera      | <span style="color: brown;">●</span> Cingulata        |   |
| <span style="color: lightgreen;">●</span> Primates_ST | <span style="color: yellow;">●</span> Lagomorpha | <span style="color: red;">●</span> Perissodactyla       | <span style="color: darkgray;">●</span> Pholidota   | <span style="color: darkbrown;">●</span> Afrosoricida |   |

INT\_Pvalb, Insomnia\_E



INT\_Pvalb, Insomnia\_E



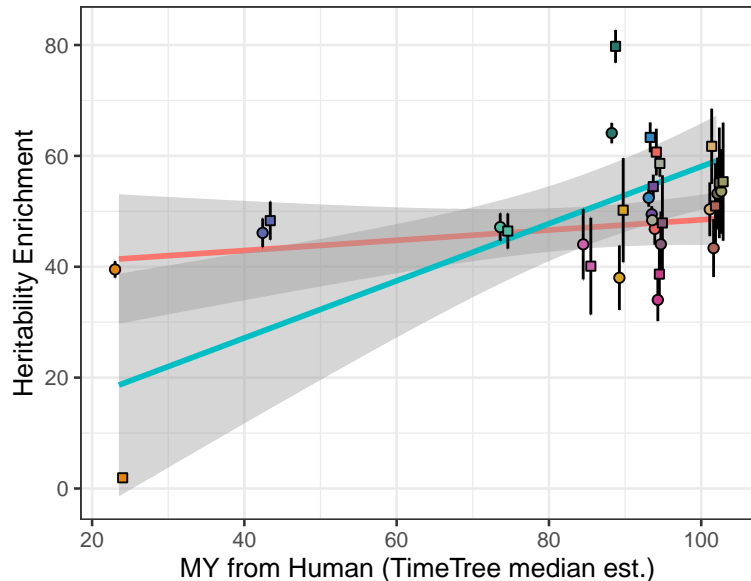
Order

- |             |            |                 |              |
|-------------|------------|-----------------|--------------|
| Primates_OW | Scandentia | Carnivora       | Eulipotyphla |
| Primates_NW | Rodentia   | Cetartiodactyla | Chiroptera   |
| Primates_ST | Lagomorpha | Perissodactyla  | Pholidota    |

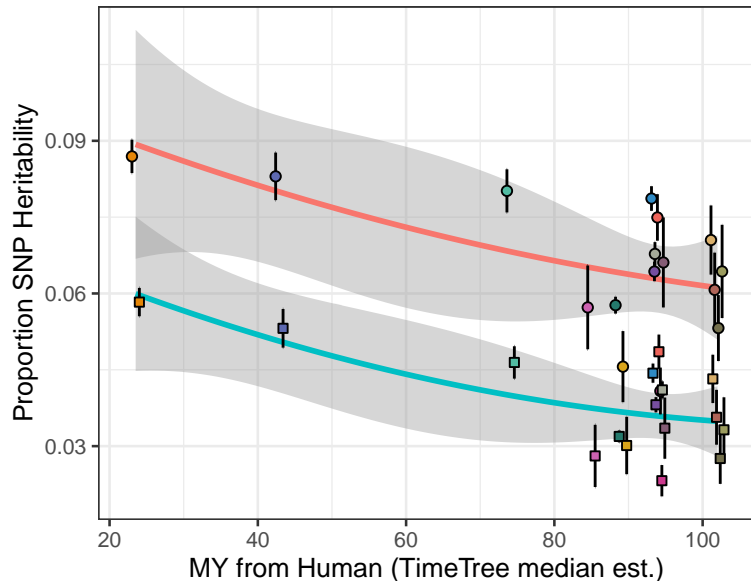
plotGroup

- |              |               |                       |
|--------------|---------------|-----------------------|
| Pilosa       | Sirenia       | mappable              |
| Cingulata    | Hyracoidea    | mappable + phyloP     |
| Afrosoricida | Tubulidentata | mappable + predActive |

INT\_Pvalb, Morningness\_E



INT\_Pvalb, Morningness\_E



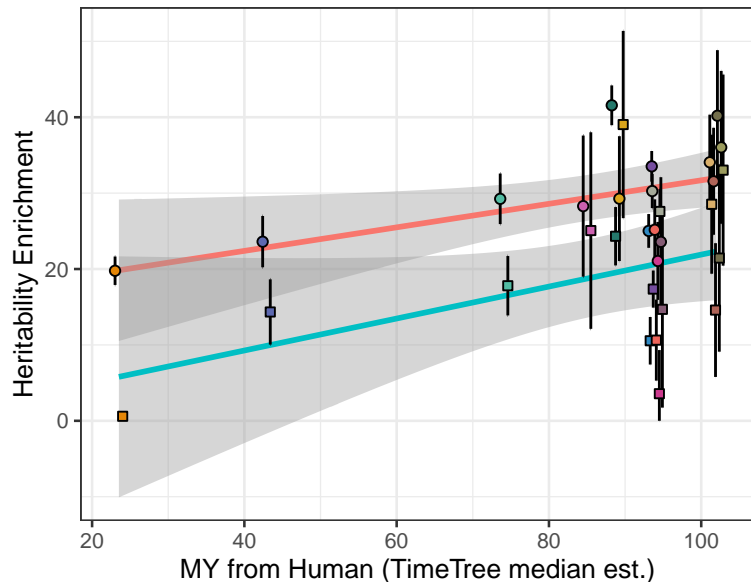
plotGroup

- mappable
- mappable + predActive

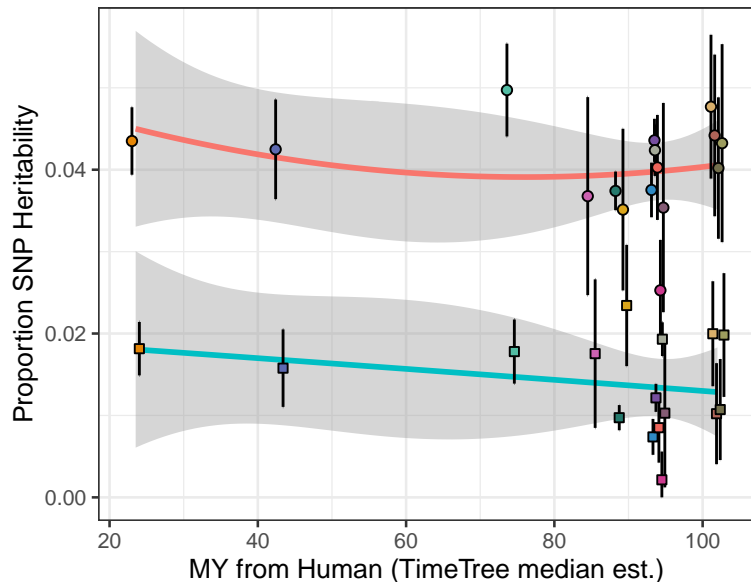
Order

- |   |   |   |   |  |   |
|---|---|---|---|--|---|
| <span style="color: orange;">●</span> Primates_OW | <span style="color: magenta;">●</span> Scandentia | <span style="color: blue;">●</span> Carnivora         | <span style="color: magenta;">●</span> Eulipotyphla | <span style="color: gold;">●</span> Pilosa                 | <span style="color: olive;">●</span> Hyracoidea |
| <span style="color: blue;">●</span> Primates_NW   | <span style="color: teal;">●</span> Rodentia      | <span style="color: purple;">●</span> Cetartiodactyla | <span style="color: gray;">●</span> Chiroptera      | <span style="color: brown;">●</span> Cingulata             |   |
| <span style="color: teal;">●</span> Primates_ST   | <span style="color: yellow;">●</span> Lagomorpha  | <span style="color: red;">●</span> Perissodactyla     | <span style="color: darkgray;">●</span> Pholidota   | <span style="color: darkolivegreen;">●</span> Afrosoricida |   |

INT\_Pvalb, SleepDurShort\_E



INT\_Pvalb, SleepDurShort\_E



plotGroup

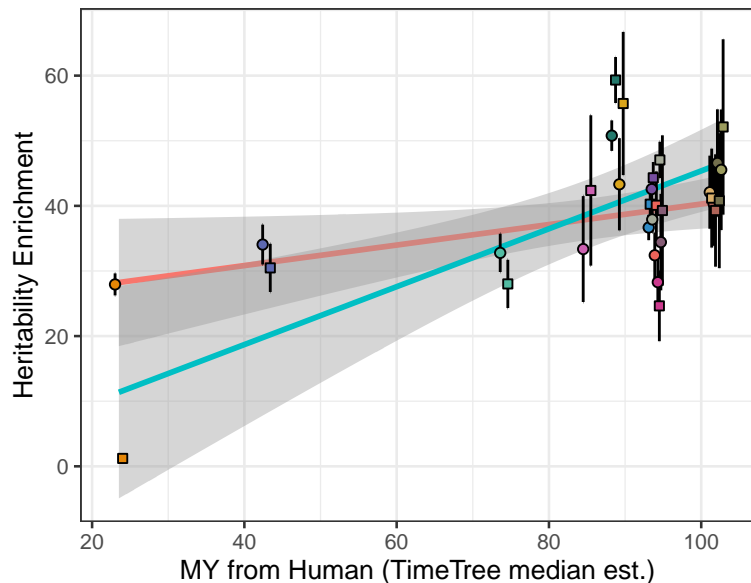
- mappable
- ◻ mappable + predActive

Order

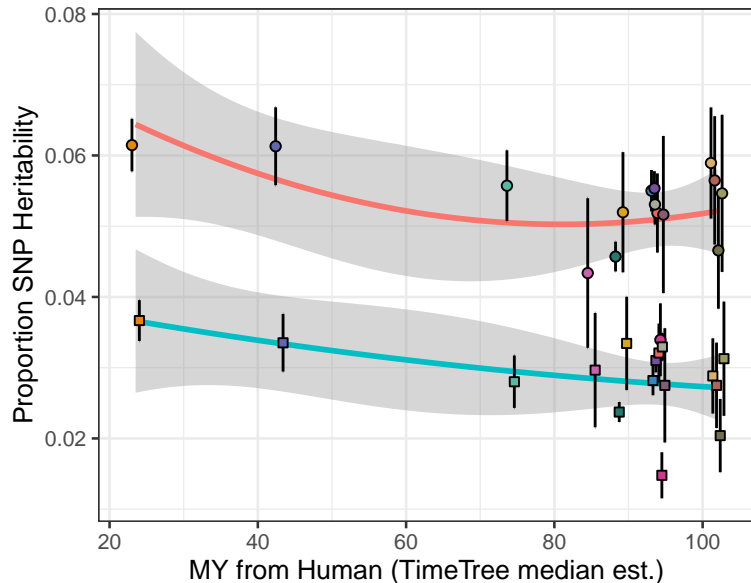
- |   |   |   |   |  |   |
|---|---|---|---|--|---|
| <span style="color: orange;">○</span> Primates_OW | <span style="color: magenta;">○</span> Scandentia | <span style="color: blue;">○</span> Carnivora           | <span style="color: pink;">○</span> Eulipotyphla    | <span style="color: gold;">○</span> Pilosa                 | <span style="color: olive;">○</span> Hyracoidea |
| <span style="color: purple;">○</span> Primates_NW | <span style="color: darkgreen;">○</span> Rodentia | <span style="color: darkblue;">○</span> Cetartiodactyla | <span style="color: grey;">○</span> Chiroptera      | <span style="color: brown;">○</span> Cingulata             |   |
| <span style="color: teal;">○</span> Primates_ST   | <span style="color: yellow;">○</span> Lagomorpha  | <span style="color: red;">○</span> Perissodactyla       | <span style="color: darkpurple;">○</span> Pholidota | <span style="color: darkolivegreen;">○</span> Afrosoricida |   |



INT\_Pvalb, SleepDurTot\_E



INT\_Pvalb, SleepDurTot\_E



plotGroup

- mappable
- mappable + predActive

Order

- |   |   |   |   |  |   |
|---|---|---|---|--|---|
| <span style="color: orange;">●</span> Primates_OW | <span style="color: magenta;">●</span> Scandentia | <span style="color: blue;">●</span> Carnivora           | <span style="color: pink;">●</span> Eulipotyphla  | <span style="color: gold;">●</span> Pilosa                 | <span style="color: olive;">●</span> Hyracoidea |
| <span style="color: purple;">●</span> Primates_NW | <span style="color: darkgreen;">●</span> Rodentia | <span style="color: darkblue;">●</span> Cetartiodactyla | <span style="color: grey;">●</span> Chiroptera    | <span style="color: brown;">●</span> Cingulata             |   |
| <span style="color: teal;">●</span> Primates_ST   | <span style="color: yellow;">●</span> Lagomorpha  | <span style="color: red;">●</span> Perissodactyla       | <span style="color: darkgrey;">●</span> Pholidota | <span style="color: darkolivegreen;">●</span> Afrosoricida |   |