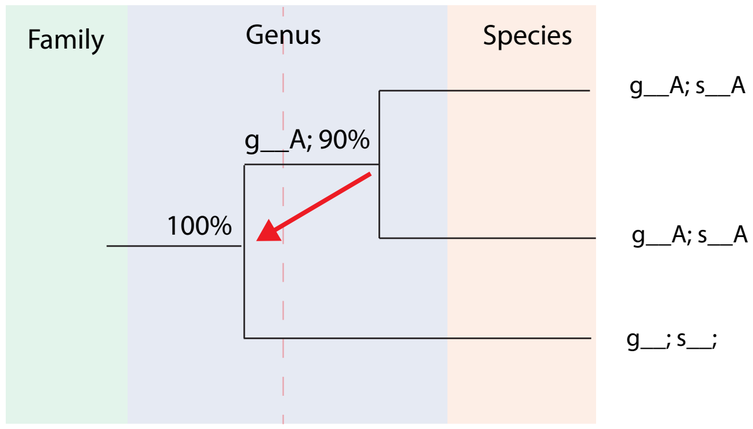
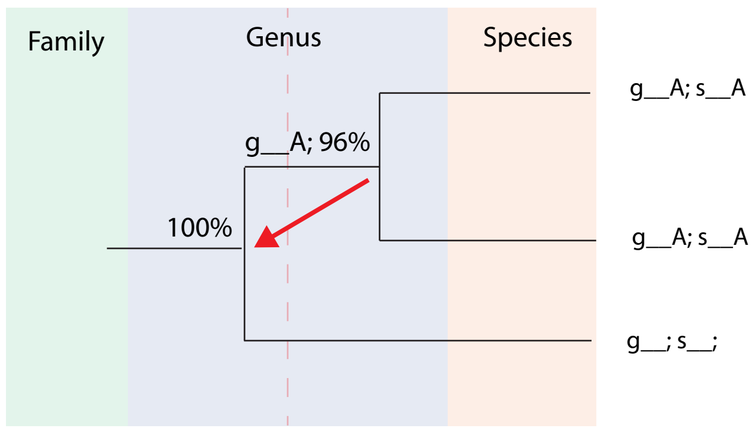
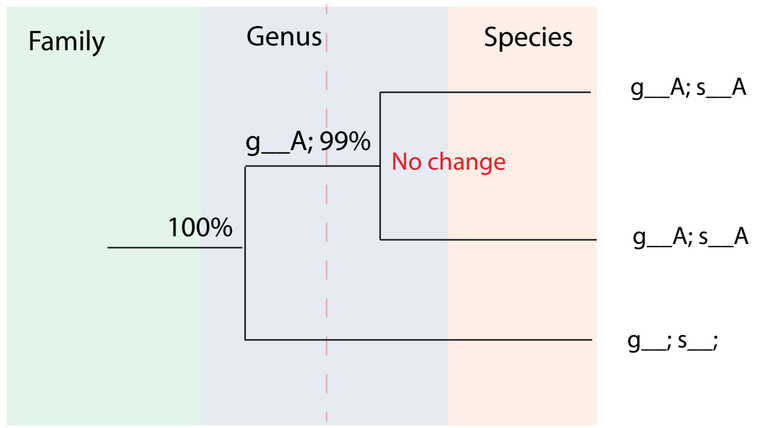
Case 1:
- Bootstrap unsupported
- Parent node within RED range
- No conflicting taxa by promotion
- Parent node closer to median RED



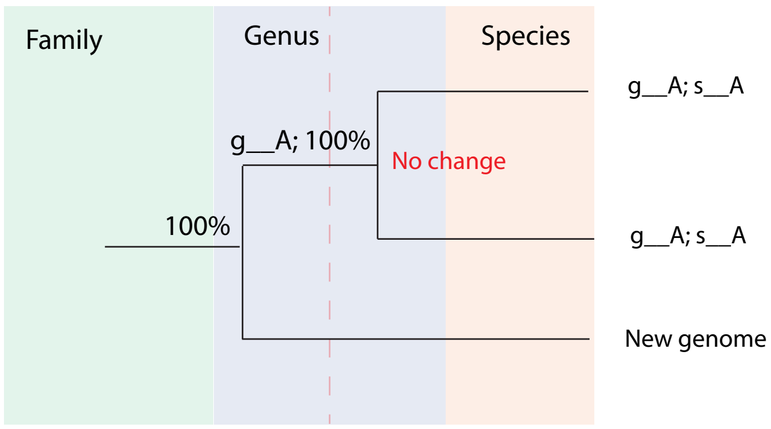
Case 2:
- Bootstrap supported
- Parent node within RED range
- No conflicting taxa by promotion
- Parent bootstrap is better
- Parent node is closer to median RED



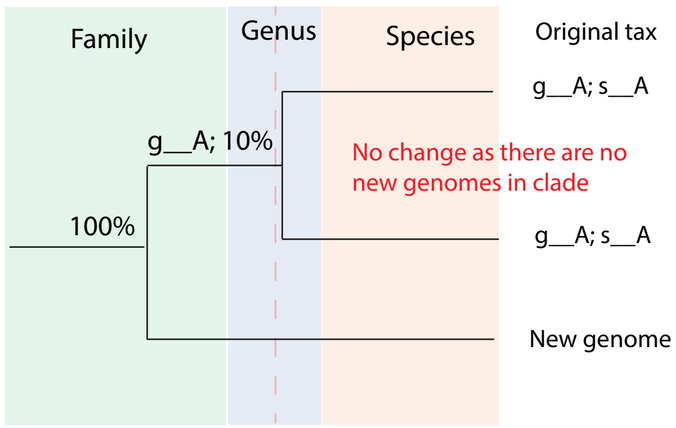
Case 2:
- Bootstrap supported
- Parent node within RED range
- No conflicting taxa by promotion
- Parent bootstrap is better
- Parent node is futher to median RED



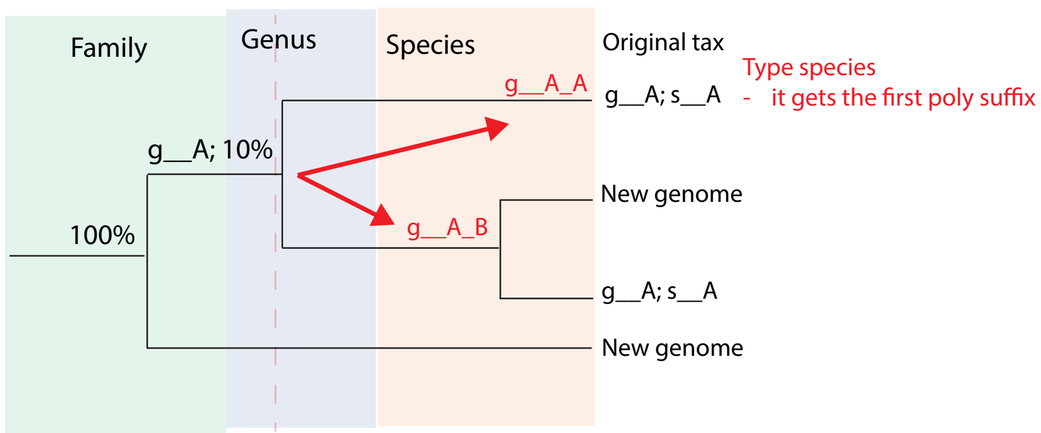
- Case 3:
- Bootstrap well supported
- Parent node within RED range
- No conflicting taxa by promotion
- Parent bootstrap is equal
- Parent node is further to median RED



Case 4:
- Bootstrap not supported
- Parent node outside RED range
- No conflicting taxa by promotion
- Parent bootstrap is better
- Parent node is further to median RED



Case 5:
- Bootstrap not supported
- Parent node outside RED range
- No conflicting taxa by promotion
- Parent bootstrap is better
- Parent node is further to median RED



In this case the end user effectively doesn't care
probably just warn this

Case 6:
- Bootstrap not supported
- Parent node inside RED range
- Conflicting taxa by promotion (g__B)
- Parent bootstrap is better
- Parent node is closer to median RED