Genesis of Greek

Notes

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PIE voiced aspirated stops become PG voiceless aspirated stops.

$$\overset{\text{G}^{\text{(w)h}}}{\begin{bmatrix} +\ \text{cons} \\ -\ \text{cont} \\ +\ \text{s.g.} \\ +\ \text{voi} \end{bmatrix}} \rightarrow \overset{\text{C}^{\text{(w)h}}}{\begin{bmatrix} -\ \text{voi} \end{bmatrix}}$$

```
inventory <- c("dʰugh₂ter-", "srobʰ'eyoh₂", "h₂'ǵrom")
inventory <- gsub("(d)(ʰ|ʷʰ|ʰʷ)", "t\\2", inventory, perl = T)
inventory <- gsub("(b)(ʰ|ʷʰ|ʰʷ)", "p\\2", inventory, perl = T)
inventory <- gsub("(g)(ʰ|ʷʰ|ʰʷ)", "k\\2", inventory, perl = T)
```

PIE *s becomes PG *h at the beginning of a word or intervocalically

$$*\text{s} \rightarrow *\text{h} \ / \ \left\{ \begin{array}{l} \#\_\text{V} \\ \text{V}\_\text{V} \end{array} \right.$$

PIE intervocalic *y is elided.

```
inventory <- c("dʰugh₂ter-", "srobʰ'eyoh₂", "h₂éǵrom")
inventory <- gsub("(d)(ʰ|ʷʰ|ʰʷ)", "t\\2", inventory, perl = T)
inventory <- gsub("(b)(ʰ|ʷʰ|ʰʷ)", "p\\2", inventory, perl = T)
inventory <- gsub("(g)(ʰ|ʷʰ|ʰʷ)", "k\\2", inventory, perl = T)
```

$$*\text{y} \rightarrow \emptyset \ / \ \text{V}\_\text{V}$$

Word initial shenanigans concerning PIE *y that have no solid explanation

$$*\text{s} \rightarrow *\text{h} \ / \ \begin{cases} \#\_\text{V} \\ \text{V}\_\text{V} \end{cases}$$

PIE 2ord final *m becomes PG *n

```
inventory <- gsub("m$", "n", inventory, perl = T)
```

$$\overset{*\text{m}}{\begin{bmatrix} +\ \text{cons} \\ -\ \text{son} \\ +\ \text{lab} \\ -\ \text{cor} \\ +\ \text{nas} \end{bmatrix}} \rightarrow \overset{*\text{n}}{\begin{bmatrix} -\ \text{lab} \\ +\ \text{cor} \end{bmatrix}} \ / \ \_\#$$