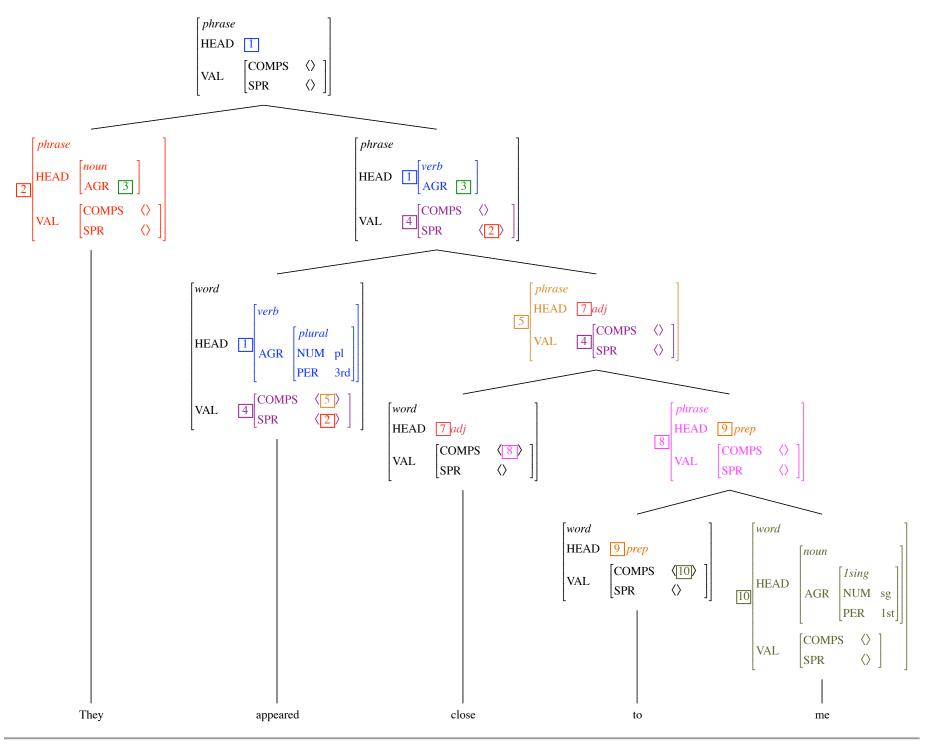# Example Phrase Structure Tree with AVM Nodes

This example demonstrates the functionality of the SVG Tree Drawer. What follows is the phrase structure tree of "They appeared close to me." **You must have Firefox 3+ to view this tree properly,** because only this browser currently supports both MathML and SVG. If you don't have Firefox 3+, see this page printed to PDF. Note that the boxed numbers aren't completely refined due to a bug in Firefox which will be fixed in 3.6.

[Turn Colors Off]   Click on a node whose children don't have even heights and they will extend down to be the same level.

$$
\begin{bmatrix}
\textit{phrase} \\
\text{HEAD} \quad \boxed{1} \\
\text{VAL} \quad \begin{bmatrix} \text{COMPS} & \langle\rangle \\ \text{SPR} & \langle\rangle \end{bmatrix}
\end{bmatrix}
$$

Left branch:
$$
\boxed{2}\begin{bmatrix}
\textit{phrase} \\
\text{HEAD} \quad \begin{bmatrix} \textit{noun} \\ \text{AGR} \quad \boxed{3} \end{bmatrix} \\
\text{VAL} \quad \begin{bmatrix} \text{COMPS} & \langle\rangle \\ \text{SPR} & \langle\rangle \end{bmatrix}
\end{bmatrix}
$$

Right branch:
$$
\begin{bmatrix}
\textit{phrase} \\
\text{HEAD} \quad \boxed{1}\begin{bmatrix} \textit{verb} \\ \text{AGR} \quad \boxed{3} \end{bmatrix} \\
\text{VAL} \quad \boxed{4}\begin{bmatrix} \text{COMPS} & \langle\rangle \\ \text{SPR} & \langle\boxed{2}\rangle \end{bmatrix}
\end{bmatrix}
$$

$$
\begin{bmatrix}
\textit{word} \\
\text{HEAD} \quad \boxed{1}\begin{bmatrix} \textit{verb} \\ \text{AGR} \quad \begin{bmatrix} \textit{plural} \\ \text{NUM} \quad \text{pl} \\ \text{PER} \quad \text{3rd} \end{bmatrix} \end{bmatrix} \\
\text{VAL} \quad \boxed{4}\begin{bmatrix} \text{COMPS} & \langle\boxed{5}\rangle \\ \text{SPR} & \langle\boxed{2}\rangle \end{bmatrix}
\end{bmatrix}
$$

$$
\boxed{5}\begin{bmatrix}
\textit{phrase} \\
\text{HEAD} \quad \boxed{7}\textit{adj} \\
\text{VAL} \quad \boxed{4}\begin{bmatrix} \text{COMPS} & \langle\rangle \\ \text{SPR} & \langle\rangle \end{bmatrix}
\end{bmatrix}
$$

$$
\begin{bmatrix}
\textit{word} \\
\text{HEAD} \quad \boxed{7}\textit{adj} \\
\text{VAL} \quad \begin{bmatrix} \text{COMPS} & \langle\boxed{8}\rangle \\ \text{SPR} & \langle\rangle \end{bmatrix}
\end{bmatrix}
$$

$$
\boxed{8}\begin{bmatrix}
\textit{phrase} \\
\text{HEAD} \quad \boxed{9}\textit{prep} \\
\text{VAL} \quad \begin{bmatrix} \text{COMPS} & \langle\rangle \\ \text{SPR} & \langle\rangle \end{bmatrix}
\end{bmatrix}
$$

$$
\begin{bmatrix}
\textit{word} \\
\text{HEAD} \quad \boxed{9}\textit{prep} \\
\text{VAL} \quad \begin{bmatrix} \text{COMPS} & \langle\boxed{10}\rangle \\ \text{SPR} & \langle\rangle \end{bmatrix}
\end{bmatrix}
$$

$$
\boxed{10}\begin{bmatrix}
\textit{word} \\
\text{HEAD} \quad \begin{bmatrix} \textit{noun} \\ \text{AGR} \quad \begin{bmatrix} \textit{1sing} \\ \text{NUM} \quad \text{sg} \\ \text{PER} \quad \text{1st} \end{bmatrix} \end{bmatrix} \\
\text{VAL} \quad \begin{bmatrix} \text{COMPS} & \langle\rangle \\ \text{SPR} & \langle\rangle \end{bmatrix}
\end{bmatrix}
$$

They   appeared   close   to   me

Weston Ruter
2009-11-04