$$
\begin{aligned}
\mathbf{M}_u^f &= \lambda G.\, \{\langle \mathsf{T}, g\rangle \mid \langle \mathsf{T}, g\rangle \in G \wedge \neg\exists \langle \mathsf{T}, g'\rangle \in G.\, f\,(g\,u)\,(g'\,u)\} \\
\text{larger} &= \lambda x y.\, \text{size}\, x < \text{size}\, y \\
\text{est}_u &= \lambda f.\, \mathbf{M}_u^f \\
\text{largest}_u &= \text{est}_u\, \text{larger} = \mathbf{M}_u^{\text{sz}} = \lambda G.\, \{\langle \mathsf{T}, g\rangle \mid \langle \mathsf{T}, g\rangle \in G \wedge \neg\exists \langle \mathsf{T}, g'\rangle \in G.\, \text{size}\,(g\,u) < \text{size}\,(g'\,u)\} \\
\text{the}_u &= \lambda \mathbf{M} c k g \colon |G'_u| = 1.\, G',\ \text{where } G' = \mathbf{M} \bigcup \{k\,x\,g' \mid x \in \mathcal{D}_e,\ \langle \mathsf{T}, g'\rangle \in c\,x\,g^{u \mapsto x}\}
\end{aligned}
$$