

$$\operatorname{proj}\lim_{i\in I} A_i = \varprojlim_{i\in I} A_i$$

Inline: $\operatorname{proj}\lim_{i\in I} A_i = \varprojlim_{i\in I} A_i$, the arrow stays under the limit while the expression moves to the side.

$$\operatorname{inj}\lim_{i\in I} A_i = \varinjlim_{i\in I} A_i$$

$$\liminf_{n\rightarrow\infty} a_n = \varliminf_{n\rightarrow\infty} a_n$$

$\operatorname{varlimsup}$ (lim with an overline) is omitted: Glu stretches the overline to the right width but does not yet place it tight above its base.