

Language	MATLAB/Octave	Python	R
max in each column	<code>max(a)</code>	<code>a.max(0)</code> or <code>amax(a [,axis=0])</code>	<code>apply(a,2,max)</code>
max in each row	<code>max(a')</code>	<code>a.max(1)</code> or <code>amax(a, axis=1)</code>	<code>apply(a,1,max)</code>
max in array	<code>max(max(a))</code>	<code>a.max()</code> or	<code>max(a)</code>
return indices, i	<code>[v i] = max(a)</code>		<code>i <- apply(a,1,which.max)</code>
pairwise max	<code>max(b,c)</code> <code>cummax(a)</code>	<code>maximum(b,c)</code>	<code>pmax(b,c)</code> <code>apply(a,2,cummax)</code>
max-to-min range		<code>a.ptp(); a.ptp(0)</code>	