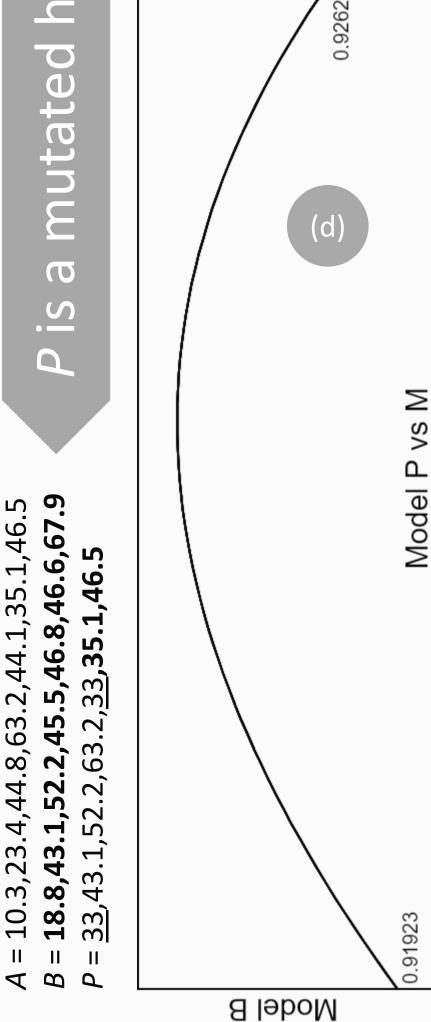


mutated σ <u>S</u> 0



Model A

Experimental predictions using the spectral forecast model

Experimental predictions using the spectral forecast model. (a) Signal P is a copy of signal A. Thus, a successive comparison between signal M and signal P shows a list of similarity scores that start from a lower value (0.91930) and end up to approximately 1 (0.99998). Since the similarity score values start from a value lower than 1 and end up as ~ 1, as expected, this trend shows that P is A. (b) This time signal P is a copy of signal B. Thus, a successive comparison between signal M and signal P shows similarity scores that start from 1 and end up to a lower value (0.92152). Since the similarity score values start from the maximum value of 1 and end up to a value lower than 1, this trend shows that P is B. (c) Signal P represents a combination between signal A and signal B. Namely, the first half of signal P is represented by the first half of signal A and the second half of signal P is represented by the second half of signal B. Thus, signal P is a hybrid. The panel indicates, as expected, a maximum similarity with an M signal located somewhere between the two signals A and B. This successive comparison between signal M and signal P indicates that signal P tends over time to signal A. (d) Signal P represents again a combination between signal A and signal B, however, two mutations are added to signal P. The chart shows an equilibrium in the sense that signal P does not tend to signal A, nor to signal B. In this case the interpretation may indicate a tipping point, namely an uncertainty about the evolution of signal P.