

**List the phonetic environments
in which the sounds appear**

**Do the sounds
occur in the same
environment?**

Yes

**The sounds are in
overlapping
distribution**

**No prediction
is possible**

**Do the words
have the same meaning?**

Yes

**The sounds are
in free variation**

NO

**The sounds are in
complementary
distribution**

**Prediction
is possible**

**The sounds are
allophones of the
same phoneme**

NO

**The words form a
(near) minimal pair
= contrastive
distribution**

**The sounds are
allophones of different
phonemes**

📌 Mokilese

Mokilese is an Austronesian language of the Malayo-Polynesian family, spoken in Micronesia. Examine the distribution of the voiced and voiceless vowel pairs: [i, i̥] and [u, u̥] (voiceless vowels have a circle under the phonetic vowel symbol). For each pair, determine whether they are allophones of different phonemes or allophones of the same phoneme. Provide evidence for your answer. If they are allophones of one phoneme, state the contexts in which each sound occurs and decide which sound is the basic sound. Can any generalizations be made? (*Hint*: Refer to natural classes.)

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|-----------------------|------------------|--------------------|-----------------------|
| a. [pɨsan] | 'full of leaves' | g. [uduk] | 'flesh' |
| b. [dupɨkda] | 'bought' | h. [kaskas] | 'to throw' |
| c. [pɨko] | 'basket' | i. [poki] | 'to strike something' |
| d. [kɨsa] | 'we two' | j. [pil] | 'water' |
| e. [sɨpwo] | 'firewood' | k. [apid] | 'outrigger support' |
| f. [kamwəkɨti] | 'to move' | l. [ludzuk] | 'to tackle' |