Multilevel pattern analysis

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Association function: IndVal.g

Significance level (alpha): 0.05

Total number of species: 55

Selected number of species: 14

Number of species associated to 1 group: 7

Number of species associated to 2 groups: 6

Number of species associated to 3 groups: 1

List of species associated to each combination:

**Associated with One Group:**

**Group Shallow Reef TRNP #sps. 1**

stat p.value

Serranidae\_Aethaloperca\_rogaa 0.748 0.001 \*\*\*

**Group Deep Reef TRNP #sps. 1**

stat p.value

Serranidae\_Epinephelus\_maculatus 0.59 0.002 \*\*

**Group Shallow Reef CAGAYANCILLO #sps. 1**

stat p.value

Lutjanidae\_Lutjanus\_decussatus 0.493 0.025 \*

**Group Deep Reef CAGAYANCILLO #sps. 4**

stat p.value

Serranidae\_Gracila\_albomarginata 0.574 0.009 \*\*

Carangidae\_Caranx\_sexfasciatus 0.498 0.010 \*\*

Lethrinidae\_Gymnocranius\_griseus 0.408 0.026 \*

Carangidae\_Elagatis\_bipinnulata 0.405 0.028 \*

**Associated with Two Groups:**

**Group Deep Reef TRNP+Shallow Reef TRNP #sps. 2**

**stat p.value**

Lethrinidae\_Lethrinus\_olivaceus 0.573 0.007 \*\*

Lethrinidae\_Lethrinus\_erythracanthus 0.509 0.042 \*

**Group Shallow Reef CAGAYANCILLO+Shallow Reef TRNP #sps. 1**

**stat p.value**

Serranidae\_Cephalopholis\_argus 0.606 0.004 \*\*

**Group Deep Reef CAGAYANCILLO+Deep Reef TRNP #sps. 3**

**stat p.value**

Serranidae\_Variola\_louti 0.549 0.007 \*\*

Serranidae\_Cephalopholis\_polleni 0.539 0.008 \*\*

Carangidae\_Carangoides\_oblongus 0.523 0.018 \*

**Associated with 3 Groups:**

**Group Deep Reef CAGAYANCILLO+Deep Reef TRNP+Shallow Reef TRNP #sps. 1**

**stat p.value**

Lutjanidae\_Lutjanus\_bohar 0.719 0.041 \*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1