Multilevel Pattern Analysis

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Association function: IndVal.g

Significance level (alpha): 0.05

Total number of species: 59

Selected number of species: 15

Number of species associated to 1 group: 8

Number of species associated to 2 groups: 5

Number of species associated to 3 groups: 2

List of species associated to each combination:

**Group: Deep Reef Cagayancillo (4 species)**

Stat P Value

Serranidae\_Gracila\_albomarginata 0.574 0.008 \*\*

Carangidae\_Caranx\_sexfasciatus 0.498 0.006 \*\*

Lethrinidae\_Gymnocranius\_griseus 0.408 0.030 \*

Carangidae\_Elagatis\_bipinnulata 0.405 0.030 \*

**Group: Deep Reef TRNP (2 species)**

Stat P Value

Serranidae\_Epinephelus\_maculatus 0.590 0.003 \*\*

Galeomorphii\_Galeocerdo\_cuvier 0.397 0.032 \*

**Group: Shallow Reef Cagayancillo (1 species)**

Stat P Value

Lutjanidae\_Lutjanus\_decussatus 0.493 0.016 \*

**Group: Shallow Reef TRNP (1 species)**

Stat P Value

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

**Group: Deep Reef Cagayancillo + Deep Reef TRNP (3 species)**

Stat P Value

Serranidae\_Variola\_louti 0.549 0.012 \*

Serranidae\_Cephalopholis\_polleni 0.539 0.006 \*\*

Carangidae\_Carangoides\_oblongus 0.523 0.022 \*

**Group: Deep Reef TRNP + Shallow Reef TRNP (1 species)**

Stat P Value

Lethrinidae\_Lethrinus\_olivaceus 0.573 0.011 \*

**Group: Shallow Reef Cagayancillo + Shallow Reef TRNP (1 species)**

Stat P Value

Serranidae\_Cephalopholis\_argus 0.606 0.005 \*\*

**Group Deep Reef Cagayancillo + Deep Reef TRNP + Shallow Reef TRNP (2 species)**

Stat P Value

Galeomorphii\_Carcharhinus\_amblyrhynchos 0.615 0.006 \*\*

Galeomorphii\_Triaenodon\_obesus 0.583 0.018 \*

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