Bayesian Prediction of Status of Genera in Depth Acanthastrea Acropora Astrea Astreopora Cyphastrea 1.00 -1.00 1.00 1.00 -1.00 -0.75 0.75 0.75 0.75 0.75 0.50 0.50 0.50 0.50 0.50 0.25 0.25 0.25 0.25 0.25 0.00 -0.00 -0.00 0.00 0.00 60 90 20 90 20 20 60 60 90 20 60 90 40 60 6 40 6 40 20 6 40 6 6 40 Fungia Echinophyllia Gardineroseris Herpolitha Leptastrea 1.00 -1.00 -1.00 1.00 1.00 -0.75 0.75 0.75 0.75 0.75 0.50 0.50 0.50 0.50 0.50 0.25 0.25 0.25 0.25 0.25 0.00 0.00 0.00 0.00 60 40 60 90 40 40 40 Leptoseris Lobophyllia Montipora Napopora Pachyseris 1.00 -1.00 -1.00 1.00 -1.00 -Status 0.75 0.75 0.75 0.75 0.75 Probability 0.75 Healthy 0.50 0.50 0.50 Pale 0.50 Bleached 0.25 0.25 0.25 0.25 0.25 Dead 0.00 -0.00 0.00 0.00 0.00 60 90 20 60 90 20 90 60 90 20 60 20 60 90 6 40 40 20 40 6 40 40 6 6 6 Pocillopora Porites Pavona Pleuractis Psammocora 1.00 1.00 1.00 -1.00 -1.00 -0.75 0.75 0.75 0.75 0.75 0.50 0.50 0.50 0.50 0.50 0.25 0.25 0.25 0.25 0.25 0.00 0.00 0.00 0.00 0.00 60 20 40 90 20 40 60 6 20 60 90 20 60 90 40 6 6 40 6 40 6 20 Sandalolitha Undetermined 1.00 1.00 0.75 0.75 0.50 0.50 0.25 0.25 0.00

Depth (m)

20

40

60

90

20

60

40