Mariana Trench Bathymetry: Histograms of Depth Distribution Profile Nr.01 Profile Nr.o2 Profile Nr.o3 Profile Nr.04 0.03% 0.03% 0.04% 0.03% Density 0.02% Density 0.03% 0.02% Density 0.02% Density 0.02% 0.01% 0.01% 0.01% 0.01% 0.00% 0.00% 0.00% 0.00% -8000 -6000 -4000 -4000 _8000 -6000 -4000 -6000 -4000 -2000 -8000 Depths, m Depths, m Depths, m Depths, m Profile Nr.o6 Profile Nr.07 Profile Nr.o8 Profile Nr.o5 0.06% 0.05% 0.04% 0.04% 0.04% Density 0.04% O.02% Density 0.03% 0.02% 0.03% 0.02% 0.02% 0.01% 0.01% 0.01% 0.00% 0.00% 0.00% 0.00% -6000 _4000 -8000 -6000 -4000 -2000 -6000 -4000 -2000 _6000_5000_4000_3000_2000_1000 -2000 Depths, m Depths, m Depths, m Depths, m Profile Nr.09 Profile Nr.10 Profile Nr.11 Profile Nr.12 0.04% 0.03% 0.03% 0.04% 0.03% Density 0.02% Density 0.02% 0.02% 0.02% 0.01% 0.01% 0.01% 0.00% 0.00% 0.00% 0.00% _4000 $_{-7000600050004000300020001000}$ ₋₄₀₀₀ -4000 -8000 Depths, m Depths, m Depths, m Depths, m Profile Nr.13 Profile Nr.15 Profile Nr.14 Profile Nr.16 0.03% 1000-km length profiles 0.04% 0.03% 0.03% 0.03% Density 0.02% Density 0.03% 0.02% Density 0.02% 0.02% 0.01% 0.01% 0.01% 0.01% 0.00% 0.00% 0.00% 0.00% ₋₄₀00 -6000 -2000 -8000 -6000 -4000 -8000 -6000 -4000 -2000 -2000 -6000 -4000 -2000 Depths, m Depths, m Depths, m Depths, m Profile Nr.17 Profile Nr.18 Profile Nr.19 Profile Nr.20 0.04% 0.04% Density 0.02% 0.03% 0.03% O.03% 0.02% 0.02% Density 0.02% 0.01% 0.01% 0.01% 0.01% 0.00% 0.00% 0.00% 0.00% 000 _4000 Depths, m -4000 ₋₂₀₀₀ _8000 _6000 -2000 -8000 -6000 -4000 -2000 -8000 -6000 -4000 -2000 -8000 -6000 Depths, m Depths, m Depths, m Profile Nr.21 Profile Nr.22 Profile Nr.23 Profile Nr.24 0.05% 0.03% 0.04% 0.04% 0.03% 0.03% Density 0.02% 0.03% 0.02% 0.02% 0.02% 0.01% 0.01% 0.01% 0.01% 0.00% 0.00% 0.00% 0.00% _10000_8000_6000_4000_2000 10000 ₋₈₀₀₀ _6000_5000_4000_3000_2000_1000 -4000 -2000 -6000 -4000 -2000 6000 Depths, m Depths, m Depths, m Depths, m Profile Nr.25 0.04% 0.03% 0.02%

0.01%

Depths, m

Figure arranged using R, ggpubr