Mariana Trench Bathymetry: Histograms of Depth Distribution 2 Profile Nr.o1 Profile Nr.o2 3 Profile Nr.o3 Profile Nr.o4 -4000 -2000 Depths, m -6000 -4000 -2000 Depths, m -4000 Depths, m -4000 Depths, m 5 Profile Nr.o5 6 Profile Nr.o6 Profile Nr.o7 8 Profile Nr.o8 -6000 -5000 -4000 -3000 -2000 -1000 Depths, m -4000 Depths, m -4000 Depths, m -4000 Depths, m 9 Profile Nr.o9 Profile Nr.10 Profile Nr.11 **12** Profile Nr.12 10 11 -7000 -6000 -5000 -4000 -3000 -2000 -1000 Depths, m % -8000 -6000 -8000 -6000 -6000 -4000 Depths, m -4000 Depths, m -4000 Depths, m 13 Profile Nr.13 14 Profile Nr.14 15 Profile Nr.15 16 Profile Nr.16 Figure arranged using R, ggpubr -4000 -2000 Depths, m **17** Profile Nr.18 19 Profile Nr.19 20 Profile Nr.20 Profile Nr.17 18 21 Profile Nr.21 **22** Profile Nr.22 23 Profile Nr.23 Profile Nr.24 24 0.03% -10000 -8000 -6000 -4000 Depths, m 25 Profile Nr.25

