page 1 of 11 LME 1 LME 4 East Bering Sea Pacific Ocean Gulf of California Pacific Ocean Depth (m) Classification: Shallow Dominant Dip Test: 0.0085 P-value = 0 Skew: 1.57 Mean: 80.8 m Classification: Multimodal Dip Test: 0.013 P-value = 0 Skew: 1.53 Mean: 81.65 m Depth (m) Area (km²) Area (km²) Depth (m) Depth (m) LME 2 LME 5 Gulf of Alaska **Gulf of Mexico** Pacific Ocean Atlantic Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.025 P-value = 0 Classification: Shallow Dominant Dip Test: 0.0099 P-value = 0 Skew: 0.8 Mean: 127.9 m Skew: 1.92 Mean: 55.35 m Area  $(\mathrm{km}^2)$ Area (km²) Depth (m) Depth (m) LME 3 LME 6 California Current Pacific Ocean Southeast U.S. Continental Shelf Atlantic Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.015 P-value = 0 Classification: Shallow Dominant Dip Test: 0.0055 P-value = 0 Skew: 1.54 Mean: 96.29 m Skew: 2.81 Mean: 34.4 m Area  $(\mathrm{km}^2)$ Area (km²) Depth (m) Depth (m)

page 2 of 11 LME 7 **LME 10** Northeast U.S. Continental Shelf Insular Pacific-Hawaiian Pacific Ocean Atlantic Ocean Depth (m) Depth (m) Classification: Shallow Dominant Classification: Shallow Dominant Dip Test: 0.0086 P-value = 0 Skew: 1.01 Dip Test: 0.0075 P-value = 0 Skew: 1.87 Mean: 88.23 m Mean: 130.58 m Area (km²) Area (km²) Depth (m) Depth (m) LME 8 **LME 11** Scotian Shelf Pacific Central-American Coastal Atlantic Ocean Pacific Ocean Depth (m) Depth (m) Classification: Shallow Dominant Dip Test: 0.0066 P-value = 0 Classification: Multimodal Dip Test: 0.026 P-value = 0 Skew: 1.43 Mean: 138.7 m Skew: 2.35 Mean: 84.44 m Area  $(\mathrm{km}^2)$ Area (km²) Depth (m) Depth (m) LME 9 **LME 12** Caribbean Sea
Atlantic Ocean
Classification: Multimodal
Dip Test: 0.058 P-value = 0 Labrador - Newfoundland Atlantic Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.01 P-value = 0 Skew: 0.73 Skew: 2.55 Mean: 183.04 m Mean: 51.49 m Area  $(\mathrm{km}^2)$ Area (km²) Depth (m) Depth (m)

page 3 of 11 **LME 13 LME 16 Humboldt Current** East Brazil Shelf Pacific Ocean Atlantic Ocean Depth (m) Depth (m) Classification: Shallow Dominant Classification: Multimodal Dip Test: 0.015 P-value = 0 Skew: 5.12 Dip Test: 0.0066 P-value = 0 Skew: 1.52 Mean: 105.95 m Mean: 60.17 m Area  $(\mathrm{km}^2)$ Area (km<sup>2</sup>) Depth (m) Depth (m) LME 14 **LME 17** Patagonian Shelf Atlantic Ocean North Brazil Shelf Atlantic Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.018 P-value = 0 Classification: Multimodal Dip Test: 0.019 P-value = 0 Skew: 0.92 Mean: 95.78 m Skew: 3.55 Mean: 46.74 m Area (km²) Area (km²) Depth (m) Depth (m) **LME 15 LME 18** South Brazil Shelf Canadian Eastern Arctic - West Greenland Atlantic Ocean Atlantic Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.012 P-value = 0 Classification: Mid Dominant Dip Test: 0.0084 P-value = 0 Skew: 0.94 Mean: 86.43 m Skew: 0.82 Mean: 242.94 m Area  $(km^2)$ Area (km²) Depth (m) Depth (m)

page 4 of 11 **LME 19 LME 22** Greenland Sea Atlantic Ocean North Sea Atlantic Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.014 P-value = 0 Skew: 0.53 Mean: 257.51 m Classification: Multimodal
Dip Test: 0.011 P-value = 0
Skew: 2.22 Mean: 91.68 m Area (km²) Area (km²) Depth (m) Depth (m) **LME 20 LME 23** Baltic Sea Atlantic Ocean **Barents Sea** Atlantic Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.011 P-value = 0 Classification: Shallow Dominant Dip Test: 0.0078 P-value = 0 Skew: 0.12 Mean: 196.21 m Skew: 1.12 Mean: 55.33 m Area (km²) Area (km²) Depth (m) Depth (m) **LME 21** LME 24 Norwegian Sea Atlantic Ocean Classification: Multimodal Dip Test: 0.026 P-value = 0 Celtic-Biscay Shelf Atlantic Ocean Depth (m) Depth (m) Classification: Shallow Dominant Dip Test: 0.0066 P-value = 0 Skew: -0.41 Mean: 255.28 m Skew: 2.7 Mean: 109.07 m Area  $(\mathrm{km}^2)$ Area (km²) Depth (m) Depth (m)

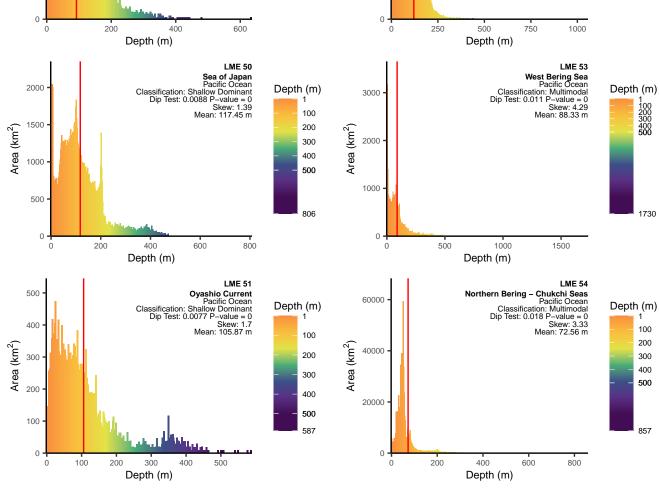
page 5 of 11 **LME 25 LME 28** Iberian Coastal Atlantic Ocean **Guinea Current** Atlantic Ocean Depth (m) Depth (m) Classification: Shallow Dominant Dip Test: 0.0087 P-value = 0 Skew: 2.99 Classification: Multimodal
Dip Test: 0.022 P-value = 0
Skew: 4.34 Mean: 93.27 m Mean: 53.91 m Area (km²) Area (km²) Depth (m) Depth (m) **LME 26 LME 29** Benguela Current
Atlantic Ocean
Classification: Mid Dominant
Dip Test: 0.0029 P-value = 0 Mediterranean Sea Atlantic Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.01 P-value = 0 Skew: 1.23 Mean: 88.28 m Skew: 0.51 Mean: 181.37 m Area  $(\mathrm{km}^2)$ Area  $(\mathrm{km}^2)$ Depth (m) Depth (m) **LME 27** LME 30 Canary Current
Atlantic Ocean
Classification: Multimodal
Dip Test: 0.022 P-value = 0 Agulhas Current Indian Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.02 P-value = 0 Skew: 2.25 Mean: 80.98 m Skew: 5.74 Mean: 76.38 m Area  $(\mathrm{km}^2)$ Area (km²) Depth (m) Depth (m)

page 6 of 11 **LME 31** LME 34 Somali Coastal Current Indian Ocean Bay of Bengal Indian Ocean Depth (m) Depth (m) Classification: Multimodal
Dip Test: 0.012 P-value = 0
Skew: 2.09 Classification: Multimodal
Dip Test: 0.012 P-value = 0
Skew: 3.28 10000 100 1000 Mean: 64.25 m Mean: 55.33 m 100 Area (km²) Area (km²) 200 200 300 400 300 5000 500 500 400 500 563 0 0 100 200 300 400 500 0 200 400 600 800 Depth (m) Depth (m) 10000 **LME 32** LME 35 Arabian Sea **Gulf of Thailand** Pacific Ocean Indian Ocean Depth (m) Depth (m) Classification: Shallow Dominant Dip Test: 0.0081 P-value = 0 on: Multimodal 57 P-value = 0 Classifi 30000 Dip Test: 7500 Skew: 4.33 Skew: -0.35 Mean: 36.48 m Mean: 61.1 m Area (km²) Area (km²) 20000 5000 10000 2500 1766 0 1000 500 1500 20 40 0 0 60 Depth (m) Depth (m) **LME 33 LME 36** 10000 Red Sea Indian Ocean South China Sea Pacific Ocean 60000 Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.011 P-value = 0 Classification: Multimodal Dip Test: 0.014 P-value = 0 Skew: 2.73 Mean: 57.46 m Skew: 3.75 Mean: 61.84 m 100 7500 Area  $(\mathrm{km}^2)$ Area (km²) 200 40000 300 5000 400 500 20000 2500 704 1981 0 0 200 400 600 0 500 1000 1500 Depth (m) Depth (m)

page 7 of 11 **LME 37** LME 40 Sulu-Celebes Sea Northeast Australian Shelf Pacific Ocean Pacific Ocean Depth (m) 20000 Depth (m) Classification: Multimodal
Dip Test: 0.016 P-value = 0
Skew: 4.74 Classification: Multimodal Dip Test: 0.034 P-value = 0 60000 Skew: 1.7 100 Mean: 74.67 m Mean: 35.21 m 100 Area (km²) 200 15000 Area (km²) 200 300 40000 300 400 10000 500 400 500 20000 5000 685 200 400 600 250 500 750 Depth (m) Depth (m) LME 38 LME 41 Indonesian Sea East Central Australian Shelf Indian Ocean Pacific Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.011 P-value = 0 Classification: Multimodal Dip Test: 0.018 P-value = 0 15000 Skew: 3.64 Mean: 53.28 m 100 Skew: 1.3 Mean: 71.17 m 2000 200 Area  $(km^2)$ 300 Area (km²) 100 400 500 10000 200 1000 5000 300 1412 365 500 1000 100 200 300 Depth (m) Depth (m) **LME 39 LME 42** North Australian Shelf Pacific Ocean Southeast Australian Shelf Pacific Ocean 50000 Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.019 P-value = 0 Classification: Multimodal Dip Test: 0.013 P-value = 0 4000 Skew: 1.02 Skew: 1.52 Mean: 46.22 m Mean: 64.61 m 40000 100 Area (km²) Area (km²) 3000 30000 200 100 2000 300 20000 400 1000 10000 204 488 0 0 0 50 100 150 200 0 100 200 300 400 Depth (m) Depth (m)

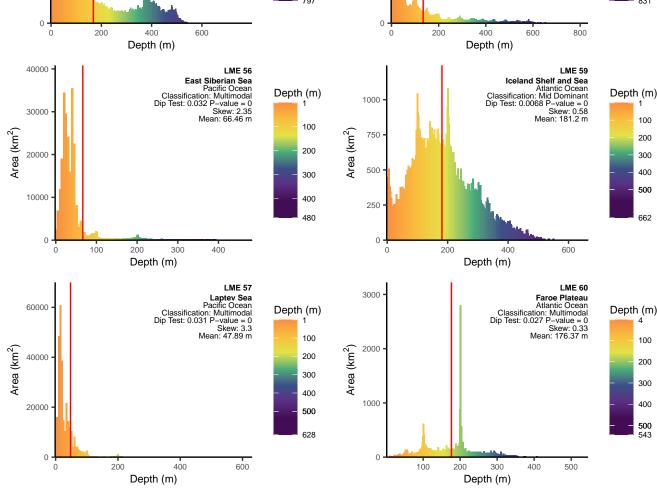
page 8 of 11 **LME 43 LME 46** South West Australian Shelf **New Zealand Shelf** Indian Ocean Pacific Ocean Depth (m) Classification: Mid Dominant Dip Test: 0.0097 P-value = 0 Skew: 0.99 Depth (m) Classification: Multimodal Dip Test: 0.01 P-value = 0 Skew: 1.07 Mean: 59.66 m Mean: 101.5 m Area (km²) Area (km²) Depth (m) Depth (m) LME 44 **LME 47** East China Sea Pacific Ocean West Central Australian Shelf Indian Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.022 P-value = 0 Classification: Multimodal Dip Test: 0.023 P-value = 0 Skew: 0.97 Mean: 74.77 m Skew: 0.99 Mean: 88.75 m Area (km²) Area (km²) Depth (m) Depth (m) **LME 45** LME 48 Northwest Australian Shelf Indian Ocean Yellow Sea Pacific Ocean Depth (m) Depth (m) Classification: Multimodal Dip Test: 0.017 P-value = 0 Classification: Multimodal Dip Test: 0.072 P-value = 0 Skew: 1.21 Skew: 0.15 Mean: 78.6 m Mean: 37.05 m Area (km²) Area (km²) Depth (m) Depth (m)

page 9 of 11 **LME 49** 12500 **LME 52 Kuroshio Current** Sea of Okhotsk Pacific Ocean Pacific Ocean Depth (m) Depth (m) Classification: Multimodal
Dip Test: 0.019 P-value = 0
Skew: 1.42 Classification: Shallow Dominant 900 Dip Test: 0.0053 P-value = 0 Skew: 1.17 10000 100 Mean: 92.1 m Mean: 120.28 m 100 200 Area (km²) Area (km²) 300 7500 200 400 500 300 5000 400 300 500 2500 634 1055 0 0 200 400 600 0 250 500 750 1000 Depth (m) Depth (m) **LME 50 LME 53** West Bering Sea Pacific Ocean Sea of Japan Pacific Ocean 2000 Depth (m) Depth (m) Classification: Shallow Dominant Dip Test: 0.0088 P-value = 0 Classification: Multimodal Dip Test: 0.011 P-value = 0 3000 100 200 300 400 **500** Skew: 1.39 Mean: 117.45 m Skew: 4.29 100 Mean: 88.33 m Area  $(\mathrm{km}^2)$ 1500 200 Area (km²) 2000 300 400 1000 500 1000 500 806 1730 0 -0 200 400 600 800 500 1000 1500 0 0 Depth (m) Depth (m) **LME 51 LME 54** 500 Oyashio Current Pacific Ocean Northern Bering - Chukchi Seas Pacific Ocean 60000 Depth (m) Depth (m) Classification: Shallow Dominant Dip Test: 0.0077 P-value = 0 Classification: Multimodal Dip Test: 0.018 P-value = 0



**LME 55 LME 58** 25000 **Beaufort Sea** Kara Sea Atlantic Ocean Pacific Ocean Depth (m) Depth (m) Classification: Multimodal
Dip Test: 0.014 P-value = 0
Skew: 0.74 Classification: Multimodal
Dip Test: 0.014 P-value = 0
Skew: 1.66 6000 20000 100 100 Mean: 168.24 m Mean: 134.32 m Area  $(km^2)$ 200 200 Area (km²) 15000 300 300 4000 400 400 500 500 10000 2000 5000 797 0 0 0 200 400 600 0 200 400 600 800 Depth (m) Depth (m) 40000 -**LME 56 LME 59** East Siberian Sea
Pacific Ocean
Classification: Multimodal
Dip Test: 0.032 P-value = 0
Skew: 2.35 Iceland Shelf and Sea Atlantic Ocean Depth (m) Depth (m) 1000 30000

page 10 of 11



page 11 of 11 **LME 62 LME 66** Black Sea Atlantic Ocean Canadian High Arctic – North Greenland Atlantic Ocean Depth (m) Depth (m) Classification: Mid Dominant Dip Test: 0.0054 P-value = 0 Skew: 0.49 Classification: Multimodal Dip Test: 0.029 P-value = 0 Skew: 2.48 Mean: 46.02 m Mean: 268.89 m Area (km²) Area  $(\mathrm{km}^2)$ Depth (m) Depth (m) LME 63 Hudson Bay Complex Atlantic Ocean Depth (m) Classification: Multimodal Dip Test: 0.022 P-value = 0 Skew: 1.98 Mean: 115.96 m 

