Kolmogorov-Smirnov tests and histograms for testing if contribution of results with higher RI changed the valve length distribution significantly



Slide: 54S-800m.2002-03.Cup2a.400µl.63x.ori, max. RI = 2

KS test whole population (n=569) vs. RI<=0 (n=281): p = 0.001 below 0.05 KS test whole population (n=569) vs. RI<=1 (n=491): p = 0.981



Slide: 54S-800m.2002-03.Cup3b.100μl.63x.ori, max. RI = 2KS test whole population (n=525) vs. RI<=0 (n=267): p = 0.005</td>KS test whole population (n=525) vs. RI<=1 (n=442): p = 0.76</td>





Slide: 54S-800m.2002-03.Cup5.400µl.63x.ori, max. RI = 2 KS test whole population (n=455) vs. RI<=0 (n=217): p = 0.089 KS test whole population (n=455) vs. RI<=1 (n=382): p = 0.954</pre>



Slide: 54S-800m.2002-03.Cup06.0.5ml.2.63x.ori, max. RI = 2 KS test whole population (n=1630) vs. RI<=0 (n=433): p = 0.039 KS test whole population (n=1630) vs. RI<=1 (n=1105): p = 0.769</pre>



Slide: 54S-800m.2002-03.Cup7.100μl.63x.ori, max. RI = 2 KS test whole population (n=574) vs. RI<=0 (n=243): p = 0.473 KS test whole population (n=574) vs. RI<=1 (n=467): p = 1







Slide: 54S-800m.2002-03.Cup9.100μl.run3.63x.ori, max. RI = 2 KS test whole population (n=1010) vs. RI<=0 (n=441): p = 0.004 below 0.05 KS test whole population (n=1010) vs. RI<=1 (n=826): p = 0.653



Slide: 54S-800m.2002-03.Cup10.400µl.63x.ori, max. RI = 2

KS test whole population (n=907) vs. RI<=0 (n=393): p = 0.003 be KS test whole population (n=907) vs. RI<=1 (n=765): p = 0.697



Slide: 54S-800m.2002-03.Cup11.1000µl.2.63x.ori, max. RI = 3 KS test whole population (n=223) vs. RI<=0 (n=69): p = 0.256 KS test whole population (n=223) vs. RI<=1 (n=148): p = 0.956 KS test whole population (n=223) vs. RI<=2 (n=193): p = 1RI = 0 RI = 1 RI = 2 **RI = 3** 3 ŝ ŝ 9 2 2 2 Counts Counts Counts Counts ŝ s. 0 0 20 40 60 80 Valve length (µm) RI <= 0 RI <= 1 RI <= 2 RI <= 3 6 4 ç ç 8 8 8 8 Counts Counts 20 Counts 20 Counts 9 9 10 9 20 40 60 80 Valve length (µm) 2<mark>0 40 60 8</mark>0 Valve length (µm) 20 40 60 80 Valve length (µm) 20 40 60 80 Valve length (µm)

below 0.05



Slide: 54S-800m.2002-03.Cup12.1000µl.63x.ori, max. RI = 3







Slide: 54S-800m.2002-03.Cup14.2000µl.63x.ori, max. RI = 2

KS test whole population (n=420) vs. RI<=0 (n=141): p = 0.018KS test whole population (n=420) vs. RI<=1 (n=311): p = 1

below 0.05









Slide: 54S-800m.2002-03.Cup18.500µl.63x.ori, max. RI = 2 KS test whole population (n=592) vs. RI<=0 (n=238): p = 0.006 KS test whole population (n=592) vs. RI<=1 (n=513): p = 0.989



Slide: 54S-800m.2002-03.Cup19.1ml.newSlide.63x.ori, max. RI = 2 KS test whole population (n=955) vs. RI<=0 (n=273): p = 0 below 0.05 KS test whole population (n=955) vs. RI<=1 (n=677): p = 0.35



Slide: 54S-800m.2002-03.Cup20.500μl.63x.ori, max. RI = 2KS test whole population (n=811) vs. RI<=0 (n=402): p = 0.001</td>KS test whole population (n=811) vs. RI<=1 (n=734): p = 1</td>









Slide: 54S-800m.2003-04.Cup04.1ml.63x.ori, max. RI = 2 KS test whole population (n=600) vs. RI<=0 (n=118): p = 0.011 bel KS test whole population (n=600) vs. RI<=1 (n=370): p = 0.27



below 0.05



Slide: 54S-800m.2003-04.Cup06.1ml.63x.ori, max. RI = 3





Slide: 54S-800m.2003-04.Cup08.0.2ml.63x.ori, max. RI = 2 KS test whole population (n=1360) vs. RI<=0 (n=528): p = 0 below 0.05 KS test whole population (n=1360) vs. RI<=1 (n=1091): p = 0.436</pre>







Slide: 54S-800m.2003-04.Cup10.0.5ml.63x.ori, max. RI = 2 below 0.05





Slide: 54S-800m.2003-04.Cup12.1ml.63x.ori, max. RI = 2 KS test whole population (n=689) vs. RI<=0 (n=181): p = 0.067 KS test whole population (n=689) vs. RI<=1 (n=489): p = 0.744</pre>







Slide: 54S-800m.2003-04.Cup14.1ml.63x.ori, max. RI = 5





Slide: 54S-800m.2003-04.Cup16.4ml.63x.ori, max. RI = 2KS test whole population (n=473) vs. RI<=0 (n=144): p = 0.011</td>KS test whole population (n=473) vs. RI<=1 (n=343): p = 0.978</td>







Slide: 54S-800m.2003-04.Cup18.1ml.63x.ori, max. RI = 2 KS test whole population (n=998) vs. RI<=0 (n=231): p = 0.065 KS test whole population (n=998) vs. RI<=1 (n=653): p = 0.808







Slide: 54S-800m.2003-04.Cup20.4ml.63x.ori, max. RI = 3 KS test whole population (n=460) vs. RI<=0 (n=68): p = 0.31KS test whole population (n=460) vs. RI<=1 (n=203): p = 0.926KS test whole population (n=460) vs. RI<=2 (n=322): p = 1RI = 0 RI = 1 RI = 2 8 8 <u>ہ</u> 8 8 8 8 8 25 25 25 22 Counts 15 20 Counts 15 20 Counts 15 20 Counts 15 20 9 9 10 9 ω 0 0 0 20 40 60 80 Valve length (µm) RI <= 0 RI <= 1 RI <= 2 <= 3 9 8 8 8 8 8 g 8 8 8 8 8 Counts Counts Counts Counts ₽ 유 9 ₽ 8 8 2 8 -n-0 0 20 40 60 80 Valve length (µm) 20 40 60 80 Valve length (µm) 20 40 60 80 Valve length (µm) 20 40 60 80 Valve length (µm)

