

Table 1: Parameters of the distribution of fitness effects for harmful mutations obtained by analysis of the uSFS

Divergence <sup>1</sup>	Full DFE <sup>2</sup>	$\beta$ <sup>3</sup>	$\hat{\gamma}_d$ <sup>4</sup>
+	+	0.203 [0.190 - 0.231]	-865 [-1120 - -561]
+	-	0.135 [0.127 - 0.140]	-6860 [-10100 - -4850]
-	+	0.217 [0.190 - 0.270]	-755 [-110000 - -483]
-	-	0.175 [0.166 - 0.184]	-1550 [-2100 - -1180]
+	+	0.199 [0.184 - 0.212]	-974 [-1390 - -744]
+	-	0.132 [0.125 - 0.142]	-8480 [-13200 - -5030]
-	+	0.199 [0.187 - 0.226]	-9831 [-1330 - -676]
-	-	0.176 [0.168 - 0.183]	-1620 [-2040 - -1230]
+	+	0.199 [0.179 - 0.210]	-979 [-1680 - -740]
+	-	0.136 [0.130 - 0.144]	-7260 [-11100 - -4930]
-	+	0.199 [0.187 - 0.215]	-944 [-1350 - -739]
-	-	0.186 [0.177 - 0.195]	-1220 [-1640 - -986]
+	+	0.195 [0.175 - 0.210]	-952 [-1780 - -661]
+	-	0.137 [0.129 - 0.144]	-5980 [-9350 - -4140]
-	+	0.193 [0.184 - 0.271]	-953 [-1270 - -637]
-	-	0.189 [0.182 - 0.199]	-1040 [-1310 - -790]
+	+	0.197 [0.174 - 0.210]	-1040 [-2060 - -748]
+	-	0.136 [0.130 - 0.144]	-7470 [-10700 - -5100]
-	+	0.207 [0.187 - 0.353]	-927 [-1320 - -498]
-	-	0.190 [0.183 - 0.199]	-1160 [-1470 - -917]
+	+	0.209 [0.192 - 0.224]	-745 [-1180 - -558]
+	-	0.148 [0.141 - 0.156]	-4010 [-5910 - -2810]
-	+	0.210 [0.199 - 0.229]	-727 [-939 - -541]
-	-	0.202 [0.193 - 0.212]	-840 [-1040 - -660]
+	+	0.210 [0.181 - 0.218]	-798 [-1500 - -592]
+	-	0.148 [0.139 - 0.157]	-3890 [-6000 - -2720]
-	+	0.205 [0.193 - 0.236]	-804 [-1020 - -543]
-	-	0.198 [0.189 - 0.209]	-889 [-1130 - -693]