

Table S3. Comparisons between the mean scores given to each breeding criteria trait by Irish beekeepers. Values below the diagonal are p-values resulting from pairwise t-tests. Values above the diagonal indicate the differences in mean scores between each pairing. The mean score given to brood health is significantly higher than that of all other traits.

Trait	Honey Production	Gentleness	Low Swarming Behaviour	Brood Health	Varroa Resistance	Calmness on Comb	Pure Race	Genetic Diversity
Honey Production	-	-0.477	-0.05	-1.067	-0.544	-0.18	-0.12	-0.195
Gentleness	3.117E-08	-	0.427	-0.59	-0.067	0.297	0.357	0.282
Low Swarming Behaviour	0.5727	4.686E-07	-	-1.017	-0.494	-0.13	-0.07	-0.145
Brood Health	2.2E-16	2.2E-16	2.2E-16	-	0.523	0.887	0.947	0.872
Varroa Resistance	6.316E-10	0.4169	1.15E-08	8.99E-14	-	0.364	0.424	0.349
Calmness on Comb	0.04156	0.00047	0.1342	2.2E-16	2.70E-05	-	0.06	-0.015
Pure Race	0.2392	0.00033	0.4845	2.2E-16	2.26E-05	0.5543	-	-0.075
Genetic Diversity	0.04045	0.002	0.1223	2.2E-16	0.00017	0.8807	0.488	-