## Sheet1
| Model | Coefficients from summary of minimum adequate models: | Estimate | Standard error | z value | p |
| --- | --- | --- | --- | --- | --- |
| NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN |
| GLM with sickness behaviour score as the response variable and age and medical condition as the explanatories | Intercept | 3.144695 | NaN | NaN | NaN |
| NaN | age | -0.005920 | 0.000831 | -7.1280 | p<0.0001 |
| NaN | Existing medical condition | -0.049691 | 0.009570 | -5.1920 | p<0.0001 |
| GLM with existing medical condition as the response variable with age and breed as the explanatories | Intercept (medical condition) | -2.443204 | NaN | NaN | NaN |
| NaN | age | 0.151036 | 0.008929 | 16.9100 | p<0.0001 |
| NaN | Breed (pedigree) | 0.242626 | 0.113386 | 2.1400 | P<0.05 |
| GLM with house soiling score as the response variable and age, existing medical and breed as the explanatories | Intercept | 2.666762 | NaN | NaN | NaN |
| NaN | Age | -0.003872 | 0.000985 | -3.9300 | p<0.0001 |
| GLMM with sickness behaviour score as the response variable, age and exisitng medical as covariates and outdoor access as the explanatory | Intercept | 3.082977 | NaN | NaN | NaN |
| NaN | indoors | -0.020531 | 0.010361 | -1.9810 | p<0.05 |
| NaN | restricted outdoor access | -0.019714 | 0.009049 | -2.2130 | p<0.05 |
| GLM with outdoor access type (indoors or unrestricted) as the response variable and breed as the explanatory | Intercept | 0.330450 | NaN | NaN | NaN |
| NaN | Breed (pedigree) | -1.295530 | 0.136310 | -9.5040 | p<0.0001 |
| GLM with outdoor access type (indoors or restricted) as the response variable and breed as the explanatory | Intercept | 0.692310 | NaN | NaN | NaN |
| NaN | Breed (pedigree) | -0.679400 | 0.105470 | -6.4420 | p<0.0001 |
| GLM with outdoor access type (restricted or unrestricted) as the response variable and breed as the explanatory | Intercept | -0.361850 | NaN | NaN | NaN |
| NaN | Breed (pedigree) | -0.616130 | 0.132990 | -4.6330 | p<0.0001 |
| GLM with weight category (under or overweight) as the response variable and outdoor access as the explanatory | Intercept | -0.039220 | NaN | NaN | NaN |
| NaN | Breed (pedigree) | 1.188920 | 0.217970 | 5.4540 | p<0.0001 |
| GLMM with presence of exisitng medical condition as the response variable with age included as a covariate and owner personality traits as the explanatories | Intercept | -1.354858 | NaN | NaN | NaN |
| NaN | Neuroticism score | 0.026745 | 0.006716 | 3.9820 | p<0.0001 |
| GLMM with sickness behaviour score the response variable and cat's age, outdoor access type and presence of an exisiting medical condition included as covariates and owner personality traits included as the explanatories | Intercept | 3.069261 | NaN | NaN | NaN |
| NaN | Neuroticism score | -0.008359 | 0.003813 | -2.6920 | P<0.01 |
| GLMM with weight category (Overweight or normal weight) with breed included as a covariate and owner personality traits included as the explanatories | Intercept | -1.241214 | NaN | NaN | NaN |
| NaN | Neuroticism score | 0.021760 | 0.007691 | 2.8290 | p<0.01 |
| NaN | Agreeableness score | -0.030289 | 0.009199 | -3.2930 | p<0.001 |
| GLMM with weight category (Underweight or normal weight) with breed included as a covariate and owner personality traits included as the explanatories | Intercept | -1.560710 | NaN | NaN | NaN |
| NaN | Agreeableness score | -0.049260 | 0.013170 | -3.7410 | p<0.001 |
| NaN | Extroversion score | 0.032900 | 0.015580 | 2.1120 | P<0.05 |
| GLM with 'Gregariousness' PC score as the response variable and breed as the explanatory | Intercept | 3.617179 | NaN | NaN | NaN |
| NaN | Breed (pedigree) | 0.083565 | 0.007413 | 11.2700 | p<0.0001 |
| GLM with 'Aggressiveness' PC score as the response variable and breed as the explanatory | Intercept | 2.445700 | NaN | NaN | NaN |
| NaN | Breed (pedigree) | -0.116710 | 0.014470 | -8.0670 | p<0.0001 |
| GLM with 'Aloof/avoidant' PC score as the response variable and breed as the explanatory | Intercept | 2.738367 | NaN | NaN | NaN |
| NaN | Breed (pedigree) | -0.094670 | 0.012383 | -7.6450 | p<0.0001 |
| GLM with 'Anxious/fearful' PC score as the response variable and breed as the explanatory | Intercept | 2.786537 | NaN | NaN | NaN |
| NaN | Breed (pedigree) | -0.091226 | 0.012070 | -7.5580 | p<0.0001 |
| GLMM with 'Gregariousness' PC score as the response variable and breed as a covariate and owner personality traits included as the explanatories | Intercept | 3.656484 | NaN | NaN | NaN |
| NaN | Extroversion score | 0.007659 | 0.003354 | 2.2830 | p<0.00001 |
| NaN | Conscientiousness score | 0.016844 | 0.003268 | 5.1540 | p<0.00001 |
| NaN | Openness score | 0.015439 | 0.003030 | 5.0950 | p<0.00001 |
| GLMM with 'Aggressiveness' PC score as the response variable and breed as a covariate and owner personality traits included as the explanatories | Intercept | 2.389903 | NaN | NaN | NaN |
| NaN | Neuroticism score | 0.013543 | 0.005949 | 2.2770 | P<0.05 |
| NaN | Agreeable score | -0.020032 | 0.005714 | -3.5060 | p<0.0001 |
| NaN | Conscientiousness score | -0.015585 | 0.005786 | -2.6930 | p<0.001 |
| NaN | Openness score | -0.011445 | 0.005451 | -2.1000 | p<0.05 |
| GLMM with 'Aloof/avoidant' PC score as the response variable and breed as a covariate and owner personality traits included as the explanatories | Intercept | 2.693024 | NaN | NaN | NaN |
| NaN | Agreeable score | -0.021835 | 0.004787 | -4.5610 | p<0.0001 |
| NaN | Conscientiousness score | -0.024301 | 0.004800 | -5.0620 | p<0.0001 |
| NaN | Openness score | -0.019515 | 0.004648 | -4.1990 | p<0.0001 |
| GLMM with 'Anxious/fearful' PC score as the response variable and breed as a covariate and owner personality traits included as the explanatories | Intercept | 2.743505 | NaN | NaN | NaN |
| NaN | Neuroticism score | 0.015588 | 0.004788 | 3.2560 | p<0.01 |
| NaN | Conscientiousness score | -0.014041 | 0.004759 | -2.9510 | p<0.01 |
| GLM with behaviour problem as the response variable and owner personality traits included as the explanatories | Intercept | -1.797149 | NaN | NaN | NaN |
| NaN | Neuroticism score | 0.016064 | 0.006741 | 2.3830 | p<0.05 |
| GLM with number of cats owned as the response variable and owner personality traits included as the explanatories | Intercept | 0.569651 | NaN | NaN | NaN |
| NaN | Neuroticism score | -0.007481 | 0.002691 | -2.7800 | p<0.01 |
| NaN | Agreeable score | -0.007343 | 0.002992 | -2.4540 | p<0.05 |
| NaN | Conscientiousness score | 0.017272 | 0.004617 | 3.7410 | p<0.001 |
| NaN | Openness score | 0.007313 | 0.002739 | 2.6700 | p<0.01 |
| NaN | Extroversion score | -0.025880 | 0.003796 | -6.8170 | p<0.0001 |
| GLM with breed (pedigree or non-pedigree)as the response variable and owner personality traits included as the explanatories | Intercept | -0.757941 | NaN | NaN | NaN |
| NaN | Neuroticism score | -0.033612 | 0.007055 | -4.7640 | p<0.0001 |
| GLMM with outdoor access (unrestricted or strictly indoors) as the response variable, breed a covariate and owner personality traits included as the explanatories | Intercept | -0.180968 | NaN | NaN | NaN |
| NaN | Neuroticism score | 0.053809 | 0.008482 | -2.8710 | p<0.001 |
| NaN | Openness score | -0.024351 | 0.009004 | -2.7830 | p<0.001 |
| NaN | Extroversion score | -0.025059 | 0.012116 | 4.4418 | p<0.0001 |
| GLMM with outdoor access (unrestricted or restricted) as the response variable, breed as a covariate and owner personality traits as the explanatories | Intercept | 0.568681 | NaN | NaN | NaN |
| NaN | Neuroticism score | -0.022206 | 0.006935 | -3.2020 | p<0.05 |
| NaN | Agreeable score | -0.020193 | 0.008331 | -2.4240 | p<0.05 |
| GLMM with outdoor access (restricted or strictly indoors) as the response variable and breed a covariate and owner personality traits as the explanatories | Intercept | -0.878070 | NaN | NaN | NaN |
| NaN | Extroversion score | 0.048260 | 0.009070 | 5.3210 | p<0.0001 |
| GLM with owner satisfaction as the response variable and and owner personality traits as the explanatories | Intercept | 2.575930 | NaN | NaN | NaN |
| NaN | Agreeable score | 0.002053 | 0.000870 | 2.3590 | p<0.05 |