**S1 Table.** Comparison of all radiomic features between mutant and wild-type *KRAS*

| Imaging feature | Wild-type *KRAS* (n=35) | Mutant *KRAS* (n=25) | p-value |
|---|---|---|---|
| **Histogram features (n=4)** | | | |
| Skewness | 0.078±0.469 | 0.198±0.359 | 0.285 |
| Kurtosis | 0.832±1.595 | 0.616±0.874 | 0.542 |
| Mean | 1,092.846±231.406 | 1,163.344±224.194 | 0.243 |
| SD | 148.893±42.538 | 174.986±95.052 | 0.156 |
| **Gradient features (n=4)** | | | |
| Gmean | 2.707±0.609 | 2.827±0.716 | 0.488 |
| G_SD | 3.404±1.917 | 4.478±3.113 | 0.104 |
| Gskewness | 1.593±0.692 | 2.038±0.942 | 0.039 |
| Gkurtosis | 5.258±4.124 | 8.741±8.041 | 0.055 |
| **GLCM features (n=5)** | | | |
| GLCM_contrast | 1.562±3.952 | 0.755±0.984 | 0.254 |
| GLCM_correlation | 0.787±0.093 | 0.819±0.068 | 0.155 |
| GLCM_ASM | 0.988±0.013 | 0.984±0.023 | 0.384 |
| GLCM_homogeneity | 0.996±0.004 | 0.995±0.008 | 0.385 |
| GLCM_entropy | 0.065±0.064 | 0.086±0.119 | 0.386 |
| **GLRLM features (n=7)** | | | |
| GLRLM_SRE | 0.552±0.169 | 0.569±0.146 | 0.687 |
| GLRLM_LRE | 167,501.79±100,561.96 | 153,687.77±121,006.49 | 0.632 |
| GLRLM_GLN | 399.562±133.869 | 345.623±100.536 | 0.095 |
| GLRLM_RP | 0.006±0.006 | 0.008±0.009 | 0.399 |
| GLRLM_RLN | 1,702.82±2502.03 | 1,427.44±1548.37 | 0.628 |
| GLRLM_LGRE | 0.379±0.186 | 0.356±0.162 | 0.622 |
| GLRLM_HGRE | 1,065.06±272.45 | 1,090.01±258.64 | 0.722 |
| **LoG filtered features (n=4 for each filter size(1-6))** | | | |
| mean_ssf_1 | −1.556±1.456 | −1.15±0.93 | 0.225 |
| SD_ssf_1 | 9.388±2.079 | 10.097±2.683 | 0.253 |
| skewness_ssf_1 | −0.332±0.385 | −0.304±0.394 | 0.782 |
| kurtosis_ssf_1 | 1.026±1.227 | 1.446±1.088 | 0.176 |
| mean_ssf_2 | −20.063±14.942 | −14.958±11 | 0.153 |
| SD_ssf_2 | 44.399±10.827 | 53.515±15.978 | 0.011 |
| skewness_ssf_2 | −0.493±0.558 | −0.416±0.48 | 0.58 |
| kurtosis_ssf_2 | 1.286±1.401 | 1.261±1.114 | 0.94 |
| mean_ssf_3 | −73.191±51.699 | −54.097±46.988 | 0.149 |
| SD_ssf_3 | 114.555±29.296 | 139.806±44.187 | 0.01 |
| skewness_ssf_3 | −0.371±0.609 | −0.281±0.471 | 0.537 |
| kurtosis_ssf_3 | 0.924±1.4 | 0.761±1.208 | 0.64 |
| mean_ssf_4 | −171.74±123.252 | −127.445±126.587 | 0.18 |
| SD_ssf_4 | 224.779±62.198 | 267.121±89.752 | 0.035 |
| skewness_ssf_4 | −0.173±0.646 | −0.133±0.461 | 0.792 |
| kurtosis_ssf_4 | 0.66±1.191 | 0.521±1.011 | 0.638 |
| mean_ssf_5 | −321.508±237.642 | −242.051±265.888 | 0.229 |
| SD_ssf_5 | 375.37±107.725 | 433.321±149.94 | 0.086 |
| skewness_ssf_5 | −0.032±0.6 | −0.003±0.595 | 0.857 |
| kurtosis_ssf_5 | 0.381±0.99 | 0.595±1.177 | 0.447 |
| mean_ssf_6 | −524.855±397.935 | −403.777±476.573 | 0.289 |
| SD_ssf_6 | 562.128±164.18 | 645.346±214.396 | 0.094 |
| skewness_ssf_6 | 0.074±0.552 | 0.098±0.689 | 0.884 |
| kurtosis_ssf_6 | 0.243±0.953 | 0.502±1.251 | 0.365 |

Values are presented as the mean±standard deviation.