|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | pi3k | p53 | metastasis | notch | hypoxia | cell\_cycle |
| (Intercept) | 0.10 \*\*\* | 0.12 \*\*\* | 0.10 \*\*\* | 0.04 | 0.06 \*\* | 0.12 \*\*\* |
|  | (0.01) | (0.01) | (0.02) | (0.02) | (0.02) | (0.03) |
| cell\_cycle | 0.01 \*\*\* | -0.00 | -0.01 | 0.01 \* | -0.00 |  |
|  | (0.00) | (0.00) | (0.01) | (0.00) | (0.01) |  |
| metastasis | 0.01 | -0.00 |  | 0.03 \*\*\* | 0.02 \* | -0.01 |
|  | (0.00) | (0.01) |  | (0.00) | (0.01) | (0.01) |
| hypoxia | 0.00 | 0.01 | 0.02 \* | -0.01 |  | -0.02 |
|  | (0.00) | (0.00) | (0.01) | (0.01) |  | (0.01) |
| notch | -0.01 | -0.00 | 0.04 \*\*\* |  | -0.01 | 0.02 \* |
|  | (0.00) | (0.01) | (0.01) |  | (0.01) | (0.01) |
| p53 | 0.00 |  | 0.00 | -0.00 | 0.00 | 0.00 |
|  | (0.00) |  | (0.01) | (0.00) | (0.00) | (0.01) |
| age\_at\_index | -0.00 | -0.00 | 0.00 | -0.00 | 0.01 | 0.01 |
|  | (0.00) | (0.00) | (0.01) | (0.00) | (0.00) | (0.01) |
| ethnicity | 0.01 | -0.01 | -0.05 \* | 0.04 \* | 0.02 | -0.04 |
|  | (0.01) | (0.01) | (0.02) | (0.01) | (0.01) | (0.02) |
| gender | 0.01 | -0.02 \* | 0.00 | -0.01 | 0.01 | -0.01 |
|  | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.02) |
| raceblack or african american | 0.00 | 0.02 | 0.02 | -0.02 | -0.00 | 0.00 |
|  | (0.02) | (0.02) | (0.03) | (0.02) | (0.02) | (0.04) |
| racewhite | 0.01 | -0.01 | -0.01 | 0.00 | 0.02 | -0.02 |
|  | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.02) |
| ajcc\_pathologic\_nN1 | 0.02 | -0.02 | -0.01 | 0.01 | 0.01 | -0.02 |
|  | (0.01) | (0.01) | (0.02) | (0.02) | (0.02) | (0.03) |
| ajcc\_pathologic\_nNX | -0.01 | 0.01 | 0.01 | -0.01 | -0.02 | 0.01 |
|  | (0.01) | (0.01) | (0.02) | (0.02) | (0.01) | (0.02) |
| prior\_malignancy | 0.01 |  | -0.02 | 0.01 | 0.01 | 0.03 |
|  | (0.01) |  | (0.02) | (0.02) | (0.02) | (0.03) |
| pi3k |  | 0.00 | 0.01 | -0.01 | -0.00 | 0.03 \*\*\* |
|  |  | (0.00) | (0.01) | (0.00) | (0.00) | (0.01) |
| ajcc\_pathologic\_mM1 |  | -0.02 | -0.09 \* | 0.06 \* | 0.04 |  |
|  |  | (0.01) | (0.03) | (0.02) | (0.02) |  |
| ajcc\_pathologic\_mMX |  | -0.01 | -0.00 | -0.00 | 0.02 |  |
|  |  | (0.01) | (0.02) | (0.01) | (0.01) |  |
| treatment\_or\_therapy |  |  | -0.01 | 0.01 | 0.01 |  |
|  |  |  | (0.02) | (0.01) | (0.01) |  |
| N\_obs | 35 | 35 | 32 | 32 | 32 | 35 |
| adj.R2 | 0.42 | 0.16 | 0.78 | 0.80 | 0.56 | 0.46 |
| All continuous predictors are mean-centered and scaled by 1 standard deviation. \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. |