Supplementary Table S1: Baseline characteristics and relation to recurrence

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variables | Cohort  | No recurrence (%) | Recurrence (%) | P values |
| Number of patients | 189 | 66 (34.9) | 123 (65.1) |  |
|  |  |  |  |  |
|  Age (yr) | 62.8 |  |  | 0.674 |
|  <60 | 65  | 20 (30,8) | 45 (69.2) |  |
|  60-70 | 69  | 25 (36.2) | 44 (63.8) |  |
|  >70 | 55  | 21 (38.2) | 34 (61.8) |  |
|  |  |  |  |  |
| Smoking exposure |  |  |  | 0.001 |
|  Non-smokers | 30  | 19 (63.3) | 11 (36.6) |  |
|  1-20 c/d | 75  | 26 (34.7) | 49 (65.3) |  |
|  >20 c/d | 84  | 21 (25.0) | 63 (75.0) |  |
|  |  |  |  |  |
| Smoking exposure |  |  |  | 0.008 |
|  Non-smokers | 30  | 19 (63.3) | 11 (36.6) |  |
|  Previous smokers | 67  | 20 (29.9) | 47 (70.1) |  |
|  Current smokers | 92  | 27 (29.3) | 65 (70.7) |  |
|  |  |  |  |  |
| Stage |  |  |  | 0.161 |
|  pTa | 146  | 55 (37.7) | 91 (62.3) |  |
|  pT1 | 43  | 11 (25.6) | 32 (74.4) |  |
|  |  |  |  |  |
| Grade |  |  |  | 0.073 |
|  1 | 59 | 26 (44.1) | 33 (55.9) |  |
|  2 | 110  | 37 (33.6) | 73 (66.4) |  |
|  3 | 20  | 3 (15.0) | 17 (85.0) |  |
|  |  |  |  |  |
| *UGT1A1* |  |  |  | 0.091 |
|  *UGT1A1\*1/\*1* | 98  | 34 (34.7) | 64 (65.3) |  |
|  *UGT1A1\*1/\*28* | 73  | 28 (38.4) | 45 (61.6) |  |
|  *UGT1A1\*28/\*28* | 14  | 2 (14.3) | 12 (85.7) |  |
|  |  |  |  |  |
| *GSTM 1* |  |  |  | 0.0005 |
|  + / + | 9  | 8 (88.9) | 1 (11.1) |  |
|  + / - | 65  | 20 (30.8) | 45 (69.2) |  |
|  - / - | 106  | 34 (32.1) | 72 (67.9) |  |
|  |  |  |  |  |

c/d : cigarettes/day