

**A**

| Study or Subgroup      | RAS-mutated |           | RAS-wild type |            | Weight        | Odds Ratio<br>M-H, Random, 95% CI |
|------------------------|-------------|-----------|---------------|------------|---------------|-----------------------------------|
|                        | Events      | Total     | Events        | Total      |               |                                   |
| Ciampi/2013/Italy      | 5           | 19        | 31            | 89         | 37.8%         | 0.67 [0.22, 2.03]                 |
| Goutas/2008/Greece     | 5           | 18        | 6             | 26         | 24.6%         | 1.28 [0.32, 5.08]                 |
| Lyra/2014/Portugal     | 1           | 6         | 25            | 56         | 9.5%          | 0.25 [0.03, 2.26]                 |
| Moura/2011/Portugal    | 5           | 17        | 5             | 8          | 14.8%         | 0.25 [0.04, 1.47]                 |
| Nascimento/2016/Brazil | 3           | 4         | 2             | 2          | 3.6%          | 0.47 [0.01, 16.89]                |
| Simbolo/2014/Italy     | 2           | 4         | 7             | 16         | 9.7%          | 1.29 [0.14, 11.54]                |
| <b>Total (95% CI)</b>  |             | <b>68</b> |               | <b>197</b> | <b>100.0%</b> | <b>0.65 [0.33, 1.28]</b>          |

Total events

21

76

Heterogeneity:  $\tau^2 = 0.00$ ;  $\text{Chi}^2 = 3.19$ ,  $\text{df} = 5$  ( $P = 0.67$ );  $I^2 = 0\%$ Test for overall effect:  $Z = 1.24$  ( $P = 0.21$ )