1295 FHK

This question boils down to determine the distribution of the total score when four die one thrown. All those who attempted the ML-based problem - Essercise II 4 - in the course handout should find it straightforward. A hack approach is to evoluate the generating function (120+121+127+127+127+121-121-121) to do this ...

111111 111117 11111 11111

11111 123 45654321

1 23 4 56 5 4 3 2 1 12345654321

123 45654321

12345654321

12745654321

13610152125272725211510631

136101521252172521151063]

1 3 6 10 15 21 25 27 27 25 21 15 10 6 3

13661152125272725211510631

136101521252125211510671 13 6 10 15 21 25 27 27 21 21 15 10 6 3 7

1 4 10 20 35 56 80 lef 125 146 146 140 125 104 80 56 35 20 10 4 1 4 P(AGEL = t) # 1296

45678910 11 12 13 14 15 16 17 18 19 20 21 22 23 24 6- 6

P(>20 mals overall) = 35+20+10+4+1 = 70 % 185 [12 maks]

Reduce should to 16 when --

← [5 meks] $P(7, 16) = \frac{125 + 104 + 80 + 56 + 15 + 20 + 10 + 4 + 1)}{1296} = \frac{435}{1296}$ ← [Imark]

Note 437 : 5

with comentional assessment good condidates tend to perform well on all four papers - their four seems one not independent. It is now more remarable to essure 20 os the threshold but one should expect