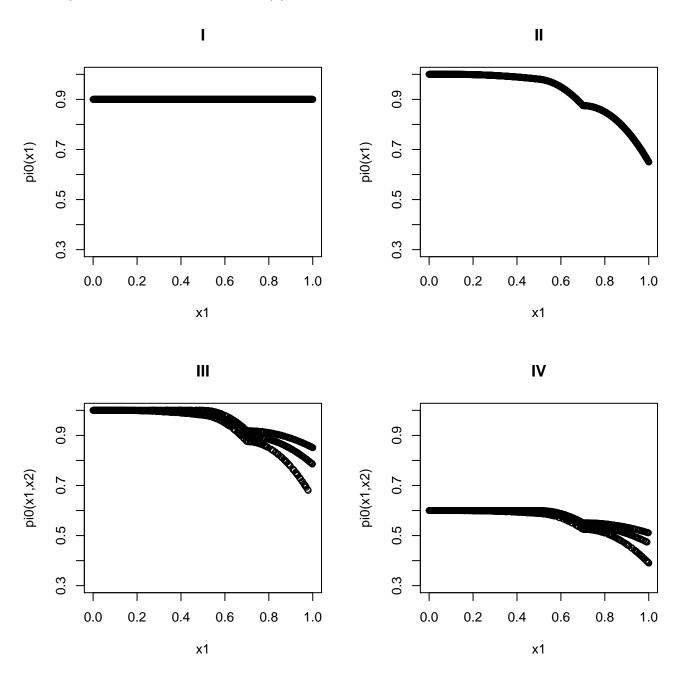
## Simulations, independence

Consider 10,000 tests in each simulation, 200 simulations per scenario, nominal FDR = 5%. The following 4 functions are considered for  $\pi_0(x)$ :



Estimated false discovery rates (FDR) and true positive rates (TPR) percentages. BL = Boca-Leek. W.S. = well-separated null and alternative, P.S. = poorly separated null and alternative. For III and IV, a dummy variable was used for  $x_2$ , along with linear or spline terms for  $x_1$ . Used reviewer's definition of "well-separated" and "poorly-separated." Used both the theoretical and empirical nulls for the Scott method. For the t-test, considered 2 groups of 6 (so 2x6 = 10 df) and used the t-statistics instead of the z-statistics for the Scott method. Extended "well-separated" and "poorly-separated" definition to chisquared test, generating means fom the absolute value of a normal distribution with mean 9, respectively 1. For the chisquared test, 1 df corresponds to a 2x2 table, 4 df to a 3x3 table. Used the z-values obtained from back-transforming the p-values for the Scott method in this case.

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						FDR					TPR		
Beta(1,20)	$\pi_0(x)$	Dist. under $H_1$	Reg. model	BL	Scott T		Storey	BH	BL	Scott T		Storey	BH
II		Beta(1,20)	Linear	3.7	90.0	90.0	3.7	3.6	0.0	100.0	100.0	0.0	0.0
Hi	II	Beta(1,20)	Linear	3.1	92.6	92.6	3.1	3.0	0.0	100.0	100.0	0.0	0.0
Hi	II	Beta(1,20)	Spline	3.1	92.6	92.6	3.1	3.0	0.0	100.0	100.0	0.0	0.0
IV   Beta(1,20)   Linear   5.0   56.9   4.8   2.5   1.2   100.0   0.5   0.0     IV   Beta(1,20)   Spline   5.0   56.9   5.9   5.0   4.8   2.5   2.0   100.0   0.5   0.0     I   Norm (W.S.)   Linear   5.0   5.0   5.9   5.0   4.5   50.6   50.6   52.1   50.7   49.6     II   Norm (W.S.)   Linear   4.9   5.2   5.3   4.9   4.6   48.4   63.9   62.9   47.3   46.6     II   Norm (W.S.)   Spline   4.9   5.2   5.3   4.9   4.6   48.8   64.0   63.0   47.3   46.6     III   Norm (W.S.)   Spline   4.9   5.2   5.5   4.9   4.7   44.2   60.2   59.3   43.5   43.0     III   Norm (W.S.)   Spline   4.9   5.2   5.4   4.9   4.7   44.4   60.6   59.7   43.5   43.0     IV   Norm (W.S.)   Spline   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     IV   Norm (W.S.)   Spline   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     IV   Norm (W.S.)   Linear   5.2   21.7   20.8   5.1   4.7   44.1   55.3   53.2   14.1   12.6     III   T (W.S.)   Linear   4.6   20.0   19.9   4.9   4.5   11.5   65.7   65.4   10.2   9.2     III   T (W.S.)   Spline   4.8   24.8   26.9   5.2   5.2   5.2   6.8   62.5   63.7   6.0   5.5      IV   T (W.S.)   Spline   4.8   24.8   26.9   5.2   5.2   5.0   62.6   63.9   6.0   5.5      IV   T (W.S.)   Spline   4.8   24.8   26.9   5.2   5.2   5.0   60.6   63.9   6.0   5.5      IV   T (W.S.)   Spline   4.8   9.3   1.2   4.8   2.9   51.8   72.8   28.5   51.6   40.2      IV   T (W.S.)   Spline   4.8   9.3   1.2   4.8   2.9   51.9   72.9   28.6   51.6   40.2      IV   T (W.S.)   Linear   5.0   90.0   90.0   5.0   4.5   50.7   100.0   100.0   47.2   46.4      III   Chisq 1 df (W.S.)   Linear   5.0   94.9   94.9   5.0   4.8   44.2   100.0   100.0   47.2   46.4      III   Chisq 1 df (W.S.)   Linear   5.0   94.9   94.9   5.0   4.8   44.2   100.0   100.0   43.2   42.7      IV   Chisq 1 df (W.S.)   Linear   5.0   94.9   94.9   5.0   4.8   44.0   100.0   100.0   47.2   46.4      III   Chisq 4 df (W.S.)   Linear   5.0   94.9   94.9   5.0   4.8   44.2   100.0   100.0   27.1   26.5      III   Chisq 4 df (W.S.	III	Beta(1,20)	Linear	4.0	94.9	94.9	3.5	3.5	0.0	100.0	100.0	0.0	0.0
Norm (W.S.)   Linear   Linea	III	Beta(1,20)	Spline	4.5	94.9	94.9	3.5	3.5	0.0	100.0	100.0	0.0	0.0
Norm (W.S.)   Linear   5.0   5.0   5.9   5.0   4.5   50.6   50.6   52.1   50.7   49.6	IV	Beta(1,20)	Linear	4.4	56.9		4.8	2.5	1.2	100.0		0.5	0.0
II	IV	Beta(1,20)	Spline	5.0	56.9		4.8	2.5	2.0	100.0		0.5	0.0
II	I	Norm (W.S.)	Linear	5.0	5.0	5.9	5.0	4.5	50.6	50.6	52.1	50.7	49.6
III   Norm (W.S.)   Linear   4.9   5.2   5.5   4.9   4.7   44.2   60.2   59.3   43.5   43.0     III   Norm (W.S.)   Spline   4.9   5.2   5.4   4.9   4.7   44.4   60.6   59.7   43.5   43.0     IV   Norm (W.S.)   Linear   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     IV   Norm (W.S.)   Spline   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     IV   Norm (W.S.)   Spline   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     IV   T (W.S.)   Linear   4.6   20.0   19.9   4.9   4.5   11.5   65.7   65.4   10.2   9.2     III   T (W.S.)   Spline   4.5   20.2   20.1   4.9   4.5   11.5   65.7   65.4   10.2   9.2     III   T (W.S.)   Spline   4.5   20.2   20.1   4.9   4.5   12.0   65.7   65.4   10.2   9.2     III   T (W.S.)   Spline   4.8   24.8   26.9   5.2   5.2   5.2   6.8   62.5   63.7   60.0   5.5     IV   T (W.S.)   Spline   4.8   24.8   26.9   5.2   5.2   5.2   5.2   6.8   62.5   63.7   60.0   5.5     IV   T (W.S.)   Spline   4.8   9.3   1.2   4.8   2.9   51.8   72.8   28.5   51.6   40.2     IV   T (W.S.)   Spline   4.8   9.3   1.2   4.8   2.9   51.9   72.9   28.6   51.6   40.2    IV   T (W.S.)   Linear   5.0   90.0   90.0   5.0   4.5   50.7   100.0   100.0   50.6   49.6    III   Chisq 1 df (W.S.)   Linear   5.0   94.9   94.9   5.0   4.6   48.6   100.0   100.0   47.2   46.4    III   Chisq 1 df (W.S.)   Spline   4.8   92.6   92.6   5.0   4.6   48.6   100.0   100.0   47.2   46.4    III   Chisq 1 df (W.S.)   Spline   5.0   94.9   94.9   5.0   4.8   44.0   100.0   100.0   43.2   42.7    IV   Chisq 1 df (W.S.)   Spline   5.0   94.9   94.9   5.0   4.8   44.2   100.0   100.0   47.2   46.4    III   Chisq 1 df (W.S.)   Spline   5.0   94.9   94.9   5.0   4.8   44.2   100.0   100.0   27.1   26.5    II   Chisq 4 df (W.S.)   Spline   5.2   94.9   94.9   5.2   5.0   24.4   100.0   100.0   27.1   26.5    III   Chisq 4 df (W.S.)   Spline   5.2   94.9   94.9   5.2   5.0   24.4   100.0   100.0   23.6   23.2    IV   Chisq 4 df (W.S.)   Linear   5.2   94.9   94.9   5.2   5.0   24.4	II	Norm (W.S.)	Linear	4.9	5.2	5.3	4.9	4.6	48.4	63.9	62.9	47.3	46.6
III   Norm (W.S.)   Spline   4.9   5.2   5.4   4.9   4.7   44.4   60.6   59.7   43.5   43.0     IV   Norm (W.S.)   Linear   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     IV   Norm (W.S.)   Spline   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     IV   Norm (W.S.)   Spline   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     IV   T (W.S.)   Linear   5.2   21.7   20.8   5.1   4.7   14.1   55.3   53.2   14.1   12.6     II   T (W.S.)   Linear   4.6   20.0   19.9   4.9   4.5   11.5   65.7   65.4   10.2   9.2     III   T (W.S.)   Spline   4.5   20.2   20.1   4.9   4.5   12.0   65.7   65.4   10.2   9.2     III   T (W.S.)   Linear   4.9   24.7   26.8   5.2   5.2   6.8   62.5   63.7   6.0   5.5     III   T (W.S.)   Spline   4.8   24.8   26.9   5.2   5.2   7.0   62.6   63.9   6.0   5.5     IV   T (W.S.)   Linear   4.8   9.3   1.2   4.8   2.9   51.8   72.8   28.5   51.6   40.2     IV   T (W.S.)   Spline   4.8   9.3   1.2   4.8   2.9   51.9   72.9   28.6   51.6   40.2     IV   T (W.S.)   Linear   5.0   90.0   90.0   5.0   4.5   50.7   100.0   100.0   50.6   49.6     II   Chisq 1 df (W.S.)   Linear   4.9   92.6   92.6   5.0   4.6   48.2   100.0   100.0   47.2   46.4     III   Chisq 1 df (W.S.)   Spline   4.8   92.6   92.6   5.0   4.6   48.6   100.0   100.0   47.2   46.4     III   Chisq 1 df (W.S.)   Linear   5.0   94.9   94.9   5.0   4.8   44.0   100.0   100.0   43.2   42.7     IV   Chisq 1 df (W.S.)   Spline   5.0   94.9   94.9   5.0   4.8   44.2   100.0   100.0   43.2   42.7     IV   Chisq 1 df (W.S.)   Linear   4.8   56.9   4.8   2.8   71.1   100.0   71.0   65.2      IV   Chisq 4 df (W.S.)   Linear   4.9   92.6   92.6   5.0   4.7   28.0   100.0   100.0   27.1   26.5      II   Chisq 4 df (W.S.)   Linear   5.2   94.9   94.9   5.2   5.0   24.3   100.0   100.0   23.6   23.2      III   Chisq 4 df (W.S.)   Spline   5.2   94.9   94.9   5.2   5.0   24.3   100.0   100.0   23.6   23.2      III   Chisq 4 df (W.S.)   Linear   5.2   94.9   94.9   5.2   5.0   24.4   100.0   100.	II	Norm (W.S.)	Spline	4.9		5.3	4.9	4.6	48.8	64.0	63.0	47.3	46.6
IV Norm (W.S.)   Linear   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     IV Norm (W.S.)   Spline   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     I T (W.S.)   Linear   5.2   21.7   20.8   5.1   4.7   14.1   55.3   53.2   14.1   12.6     II T (W.S.)   Linear   4.6   20.0   19.9   4.9   4.5   11.5   65.7   65.4   10.2   9.2     III T (W.S.)   Spline   4.5   20.2   20.1   4.9   4.5   12.0   65.7   65.4   10.2   9.2     III T (W.S.)   Spline   4.8   24.8   26.9   5.2   5.2   6.8   62.5   63.7   6.0   5.5     III T (W.S.)   Spline   4.8   24.8   26.9   5.2   5.2   5.2   6.8   62.5   63.7   6.0   5.5     IV T (W.S.)   Linear   4.8   9.3   1.2   4.8   2.9   51.8   72.8   28.5   51.6   40.2     IV T (W.S.)   Spline   4.8   9.3   1.2   4.8   2.9   51.8   72.9   28.6   51.6   40.2     IV T (W.S.)   Linear   5.0   90.0   90.0   5.0   4.5   50.7   100.0   100.0   50.6   49.6     II Chisq 1 df (W.S.)   Linear   4.9   92.6   92.6   5.0   4.6   48.2   100.0   100.0   47.2   46.4     III Chisq 1 df (W.S.)   Linear   5.0   94.9   94.9   5.0   4.8   44.0   100.0   100.0   47.2   46.4     III Chisq 1 df (W.S.)   Linear   5.0   94.9   94.9   5.0   4.8   44.2   100.0   100.0   43.2   42.7     IV Chisq 1 df (W.S.)   Linear   4.8   56.9   4.8   2.8   71.1   100.0   71.0   65.2     IV Chisq 1 df (W.S.)   Linear   4.8   56.9   4.8   2.8   71.1   100.0   71.0   65.2     IV Chisq 1 df (W.S.)   Linear   5.0   90.0   90.0   5.0   4.5   29.7   100.0   100.0   27.1   26.5    IV Chisq 4 df (W.S.)   Linear   5.0   90.0   90.0   5.0   4.5   29.7   100.0   100.0   27.1   26.5    II Chisq 4 df (W.S.)   Linear   5.0   90.0   90.0   5.0   4.5   29.7   100.0   100.0   27.1   26.5    III Chisq 4 df (W.S.)   Linear   5.2   94.9   94.9   5.2   5.0   24.3   100.0   100.0   27.1   26.5    III Chisq 4 df (W.S.)   Linear   5.2   94.9   94.9   5.2   5.0   24.3   100.0   100.0   23.6   23.2    IV Chisq 4 df (W.S.)   Linear   5.2   94.9   94.9   5.2   5.0   24.4   100.0   100.0   23.6   23.2    IV Chisq 4 df (W.S.)	III	Norm (W.S.)	Linear	4.9	5.2	5.5	4.9	4.7	44.2	60.2	59.3	43.5	43.0
IV Norm (W.S.)   Spline   4.8   5.0   2.3   4.8   2.8   71.3   71.8   62.2   71.2   65.3     I T (W.S.)	III	Norm (W.S.)	Spline	4.9	5.2	5.4	4.9	4.7	44.4	60.6	59.7	43.5	43.0
I         T (W.S.)         Linear         5.2         21.7         20.8         5.1         4.7         14.1         55.3         53.2         14.1         12.6           II         T (W.S.)         Linear         4.6         20.0         19.9         4.9         4.5         11.5         65.7         65.4         10.2         9.2           II         T (W.S.)         Spline         4.5         20.2         20.1         4.9         4.5         12.0         65.7         65.4         10.2         9.2           III         T (W.S.)         Linear         4.9         24.7         26.8         5.2         5.2         6.8         62.5         63.7         60.0         5.5           III         T (W.S.)         Linear         4.8         9.3         1.2         4.8         2.9         51.8         72.8         28.5         51.6         40.2           IV         T (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         50.7         100.0         100.0         50.6         49.6           II         Chisq 1 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.6         48.2	IV	Norm (W.S.)	Linear	4.8	5.0	2.3	4.8	2.8	71.3	71.8		71.2	65.3
II		Norm (W.S.)	Spline	4.8	5.0	2.3	4.8	2.8	71.3	71.8	62.2	71.2	65.3
II         T (W.S.)         Spline         4.5         20.2         20.1         4.9         4.5         12.0         65.7         65.4         10.2         9.2           III         T (W.S.)         Linear         4.9         24.7         26.8         5.2         5.2         6.8         62.5         63.7         6.0         5.5           III         T (W.S.)         Spline         4.8         24.8         26.9         5.2         5.2         7.0         62.6         63.9         6.0         5.5           IV         T (W.S.)         Linear         4.8         9.3         1.2         4.8         2.9         51.8         72.8         28.5         51.6         40.2           IV         T (W.S.)         Spline         4.8         9.3         1.2         4.8         2.9         51.9         72.9         28.6         51.6         40.2           IV         T (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         50.7         100.0         100.0         50.6         49.6           II         Chisq 1 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.6         48.2 <td></td> <td>T (W.S.)</td> <td>Linear</td> <td>5.2</td> <td>21.7</td> <td>20.8</td> <td>5.1</td> <td>4.7</td> <td>14.1</td> <td></td> <td></td> <td>14.1</td> <td></td>		T (W.S.)	Linear	5.2	21.7	20.8	5.1	4.7	14.1			14.1	
III	II	T (W.S.)	Linear	4.6	20.0	19.9	4.9	4.5	11.5	65.7	65.4	10.2	9.2
III         T (W.S.)         Spline         4.8         24.8         26.9         5.2         5.2         7.0         62.6         63.9         6.0         5.5           IV         T (W.S.)         Linear         4.8         9.3         1.2         4.8         2.9         51.8         72.8         28.5         51.6         40.2           IV         T (W.S.)         Spline         4.8         9.3         1.2         4.8         2.9         51.9         72.9         28.6         51.6         40.2           I         Chisq 1 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         50.7         100.0         100.0         50.6         49.6           II         Chisq 1 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.6         48.2         100.0         100.0         47.2         46.4           III         Chisq 1 df (W.S.)         Linear         5.0         94.9         94.9         5.0         4.8         44.0         100.0         100.0         47.2         46.4           III         Chisq 1 df (W.S.)         Linear         4.8         56.9         4.8         44.2		T (W.S.)	Spline	4.5	20.2	20.1			12.0			10.2	
IV         T (W.S.)         Linear         4.8         9.3         1.2         4.8         2.9         51.8         72.8         28.5         51.6         40.2           IV         T (W.S.)         Spline         4.8         9.3         1.2         4.8         2.9         51.9         72.9         28.6         51.6         40.2           I         Chisq 1 df (W.S.)         Linear         5.0         90.0         5.0         4.5         50.7         100.0         100.0         50.6         49.6           II         Chisq 1 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.6         48.2         100.0         100.0         47.2         46.4           II         Chisq 1 df (W.S.)         Spline         4.8         92.6         92.6         5.0         4.6         48.6         100.0         100.0         47.2         46.4           III         Chisq 1 df (W.S.)         Linear         5.0         94.9         94.9         5.0         4.8         44.2         100.0         100.0         43.2         42.7           IV         Chisq 1 df (W.S.)         Spline         4.8         56.9         4.8         2.8         71.1<	III	T (W.S.)	Linear	4.9	24.7	26.8	5.2	5.2	6.8	62.5	63.7	6.0	5.5
IV         T (W.S.)         Spline         4.8         9.3         1.2         4.8         2.9         51.9         72.9         28.6         51.6         40.2           I         Chisq 1 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         50.7         100.0         100.0         50.6         49.6           II         Chisq 1 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.6         48.2         100.0         100.0         47.2         46.4           II         Chisq 1 df (W.S.)         Spline         4.8         92.6         92.6         5.0         4.6         48.6         100.0         100.0         47.2         46.4           III         Chisq 1 df (W.S.)         Linear         5.0         94.9         94.9         5.0         4.8         44.0         100.0         100.0         43.2         42.7           III         Chisq 1 df (W.S.)         Linear         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 1 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.8	III	T (W.S.)	Spline	4.8	24.8	26.9	5.2	5.2	7.0	62.6	63.9	6.0	5.5
I         Chisq 1 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         50.7         100.0         100.0         50.6         49.6           II         Chisq 1 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.6         48.2         100.0         100.0         47.2         46.4           II         Chisq 1 df (W.S.)         Spline         4.8         92.6         92.6         5.0         4.6         48.2         100.0         100.0         47.2         46.4           III         Chisq 1 df (W.S.)         Linear         5.0         94.9         94.9         5.0         4.8         44.0         100.0         100.0         47.2         46.4           III         Chisq 1 df (W.S.)         Spline         5.0         94.9         94.9         5.0         4.8         44.2         100.0         100.0         43.2         42.7           IV         Chisq 1 df (W.S.)         Spline         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 4 df (W.S.)         Linear         5.0         90.0         90.0         5.0	IV	T (W.S.)	Linear	4.8	9.3	1.2	4.8	2.9	51.8	72.8	28.5	51.6	40.2
II         Chisq 1 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.6         48.2         100.0         100.0         47.2         46.4           III         Chisq 1 df (W.S.)         Spline         4.8         92.6         92.6         5.0         4.6         48.6         100.0         100.0         47.2         46.4           III         Chisq 1 df (W.S.)         Linear         5.0         94.9         94.9         5.0         4.8         44.0         100.0         100.0         43.2         42.7           IV         Chisq 1 df (W.S.)         Linear         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 1 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         29.7         100.0         71.0         65.2           IV         Chisq 4 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         29.7         100.0         100.0         29.7         28.7           II         Chisq 4 df (W.S.)         Spline         4.9         92.6         92.6         5.0         4.7         2		T (W.S.)	Spline	4.8	9.3	1.2	4.8	2.9	51.9	72.9	28.6	51.6	40.2
II         Chisq 1 df (W.S.)         Spline         4.8         92.6         5.0         4.6         48.6         100.0         100.0         47.2         46.4           III         Chisq 1 df (W.S.)         Linear         5.0         94.9         94.9         5.0         4.8         44.0         100.0         100.0         43.2         42.7           IV         Chisq 1 df (W.S.)         Linear         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 1 df (W.S.)         Spline         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 1 df (W.S.)         Spline         4.8         56.9         4.8         2.8         71.2         100.0         71.0         65.2           IV         Chisq 4 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         29.7         100.0         100.0         29.7         28.7           II         Chisq 4 df (W.S.)         Spline         4.9         92.6         92.6         5.0         4.7         28.4         100.0         100.0         27.1         2	I	Chisq 1 df (W.S.)	Linear	5.0	90.0	90.0	5.0	4.5	50.7	100.0	100.0	50.6	49.6
III         Chisq 1 df (W.S.)         Linear         5.0         94.9         94.9         5.0         4.8         44.0         100.0         100.0         43.2         42.7           III         Chisq 1 df (W.S.)         Spline         5.0         94.9         94.9         5.0         4.8         44.2         100.0         100.0         43.2         42.7           IV         Chisq 1 df (W.S.)         Linear         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 1 df (W.S.)         Spline         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 1 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         29.7         100.0         71.0         65.2           I         Chisq 4 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         29.7         100.0         100.0         29.7         28.7           II         Chisq 4 df (W.S.)         Spline         4.9         92.6         92.6         5.0         4.7         28.4         100.0         10	II	Chisq 1 df (W.S.)	Linear	4.9	92.6	92.6	5.0	4.6	48.2	100.0	100.0	47.2	46.4
III         Chisq 1 df (W.S.)         Spline         5.0         94.9         94.9         5.0         4.8         44.2         100.0         100.0         43.2         42.7           IV         Chisq 1 df (W.S.)         Linear         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 1 df (W.S.)         Spline         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 4 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         29.7         100.0         100.0         29.7         28.7           II         Chisq 4 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.7         28.0         100.0         100.0         27.1         26.5           III         Chisq 4 df (W.S.)         Linear         5.2         94.9         94.9         5.2         5.0         24.3         100.0         100.0         27.1         26.5           III         Chisq 4 df (W.S.)         Spline         5.2         94.9         94.9         5.2         5.0         24.3		Chisq 1 df (W.S.)	Spline	4.8	92.6	92.6	5.0		48.6	100.0	100.0		46.4
IV         Chisq 1 df (W.S.)         Linear         4.8         56.9         4.8         2.8         71.1         100.0         71.0         65.2           IV         Chisq 1 df (W.S.)         Spline         4.8         56.9         4.8         2.8         71.2         100.0         71.0         65.2           I         Chisq 4 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         29.7         100.0         100.0         29.7         28.7           II         Chisq 4 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.7         28.0         100.0         100.0         27.1         26.5           III         Chisq 4 df (W.S.)         Linear         5.2         94.9         94.9         5.2         5.0         24.3         100.0         100.0         27.1         26.5           III         Chisq 4 df (W.S.)         Linear         5.2         94.9         94.9         5.2         5.0         24.3         100.0         100.0         23.6         23.2           III         Chisq 4 df (W.S.)         Spline         5.2         94.9         94.9         5.2         5.0         24.4         1	III	Chisq 1 df (W.S.)	Linear	5.0	94.9	94.9	5.0	4.8	44.0	100.0	100.0	43.2	42.7
IV         Chisq 1 df (W.S.)         Spline         4.8         56.9         4.8         2.8         71.2         100.0         71.0         65.2           I         Chisq 4 df (W.S.)         Linear         5.0         90.0         90.0         5.0         4.5         29.7         100.0         100.0         29.7         28.7           II         Chisq 4 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.7         28.0         100.0         100.0         27.1         26.5           III         Chisq 4 df (W.S.)         Linear         5.2         94.9         92.6         5.0         4.7         28.4         100.0         100.0         27.1         26.5           III         Chisq 4 df (W.S.)         Linear         5.2         94.9         94.9         5.2         5.0         24.3         100.0         100.0         23.6         23.2           III         Chisq 4 df (W.S.)         Spline         5.2         94.9         94.9         5.2         5.0         24.4         100.0         100.0         23.6         23.2           IV         Chisq 4 df (W.S.)         Linear         4.7         56.9         57.1         4.7 <td< td=""><td>III</td><td>Chisq 1 df (W.S.)</td><td>Spline</td><td>5.0</td><td>94.9</td><td>94.9</td><td>5.0</td><td>4.8</td><td>44.2</td><td>100.0</td><td>100.0</td><td>43.2</td><td>42.7</td></td<>	III	Chisq 1 df (W.S.)	Spline	5.0	94.9	94.9	5.0	4.8	44.2	100.0	100.0	43.2	42.7
I         Chisq 4 df (W.S.)         Linear         5.0         90.0         5.0         4.5         29.7         100.0         100.0         29.7         28.7           II         Chisq 4 df (W.S.)         Linear         4.9         92.6         92.6         5.0         4.7         28.0         100.0         100.0         27.1         26.5           II         Chisq 4 df (W.S.)         Spline         4.9         92.6         92.6         5.0         4.7         28.4         100.0         100.0         27.1         26.5           III         Chisq 4 df (W.S.)         Linear         5.2         94.9         94.9         5.2         5.0         24.3         100.0         100.0         23.6         23.2           III         Chisq 4 df (W.S.)         Spline         5.2         94.9         94.9         5.2         5.0         24.4         100.0         100.0         23.6         23.2           IV         Chisq 4 df (W.S.)         Linear         4.7         56.9         57.1         4.7         2.8         51.8         100.0         100.0         51.7         44.8	IV	Chisq 1 df (W.S.)	Linear	4.8	56.9		4.8	2.8	71.1	100.0		71.0	65.2
II       Chisq 4 df (W.S.)       Linear       4.9       92.6       92.6       5.0       4.7       28.0       100.0       100.0       27.1       26.5         II       Chisq 4 df (W.S.)       Spline       4.9       92.6       92.6       5.0       4.7       28.4       100.0       100.0       27.1       26.5         III       Chisq 4 df (W.S.)       Linear       5.2       94.9       94.9       5.2       5.0       24.3       100.0       100.0       23.6       23.2         IV       Chisq 4 df (W.S.)       Linear       4.7       56.9       57.1       4.7       2.8       51.8       100.0       100.0       51.7       44.8		Chisq 1 df (W.S.)	Spline	4.8	56.9		4.8	2.8	71.2	100.0		71.0	65.2
II     Chisq 4 df (W.S.)     Spline     4.9     92.6     92.6     5.0     4.7     28.4     100.0     100.0     27.1     26.5       III     Chisq 4 df (W.S.)     Linear     5.2     94.9     94.9     5.2     5.0     24.3     100.0     100.0     23.6     23.2       IV     Chisq 4 df (W.S.)     Linear     4.7     56.9     57.1     4.7     2.8     51.8     100.0     100.0     51.7     44.8	I	Chisq 4 df (W.S.)	Linear	5.0	90.0	90.0	5.0	4.5	29.7	100.0	100.0	29.7	28.7
III     Chisq 4 df (W.S.)     Linear     5.2     94.9     94.9     5.2     5.0     24.3     100.0     100.0     23.6     23.2       III     Chisq 4 df (W.S.)     Spline     5.2     94.9     94.9     5.2     5.0     24.4     100.0     100.0     23.6     23.2       IV     Chisq 4 df (W.S.)     Linear     4.7     56.9     57.1     4.7     2.8     51.8     100.0     100.0     51.7     44.8	II	Chisq 4 df (W.S.)	Linear	4.9	92.6	92.6	5.0	4.7	28.0	100.0	100.0	27.1	26.5
III     Chisq 4 df (W.S.)     Spline     5.2     94.9     94.9     5.2     5.0     24.4     100.0     100.0     23.6     23.2       IV     Chisq 4 df (W.S.)     Linear     4.7     56.9     57.1     4.7     2.8     51.8     100.0     100.0     51.7     44.8	II	Chisq 4 df (W.S.)	Spline	4.9	92.6	92.6	5.0	4.7	28.4	100.0	100.0	27.1	26.5
IV Chisq 4 df (W.S.) Linear 4.7 56.9 57.1 4.7 2.8 51.8 100.0 100.0 51.7 44.8	III	Chisq 4 df (W.S.)	Linear	5.2	94.9	94.9	5.2	5.0	24.3	100.0	100.0	23.6	23.2
• ( )	III	Chisq 4 df (W.S.)	Spline	5.2	94.9	94.9	5.2	5.0	24.4	100.0	100.0	23.6	23.2
IV Chisq 4 df (W.S.) Spline   4.7   56.9   57.1   4.7   2.8   51.9   100.0   100.0   51.7   44.8	IV	Chisq 4 df (W.S.)	Linear	4.7	56.9	57.1	4.7	2.8	51.8	100.0	100.0	51.7	44.8
	IV	Chisq 4 df (W.S.)	Spline	4.7	56.9	57.1	4.7	2.8	51.9	100.0	100.0	51.7	44.8