

Pivottabler Latex Test Cases

Basic Template

Basic example of a table with spans.

Table 1: A basic table with spans.

		n			m			e		
		a	b	c	a	b	c	a	b	c
p	x	1	2	3	1	2	3	1	2	3
	y	4	5	6	4	5	6	4	5	6
	z	7	8	9	7	8	9	7	8	9
q	x	1	2	3	1	2	3	1	2	3
	y	4	5	6	4	5	6	4	5	6
	z	7	8	9	7	8	9	7	8	9

Generating the above basic template from R

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Table 2: My Table

		n			m			e		
		a	b	c	a	b	c	a	b	c
p	x	1	2	3	1	2	3	1	2	3
	y	4	5	6	4	5	6	4	5	6
	z	7	8	9	7	8	9	7	8	9
q	x	1	2	3	1	2	3	1	2	3
	y	4	5	6	4	5	6	4	5	6
	z	7	8	9	7	8	9	7	8	9

With totals

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Table 3: My Table

		n				m				e				Total
		a	b	c	Total	a	b	c	Total	a	b	c	Total	
p	x	1	2	3	6	1	2	3	6	1	2	3	6	18
	y	4	5	6	15	4	5	6	15	4	5	6	15	45
	z	7	8	9	24	7	8	9	24	7	8	9	24	72
	Total	12	15	18	45	12	15	18	45	12	15	18	45	135
q	x	1	2	3	6	1	2	3	6	1	2	3	6	18
	y	4	5	6	15	4	5	6	15	4	5	6	15	45
	z	7	8	9	24	7	8	9	24	7	8	9	24	72
	Total	12	15	18	45	12	15	18	45	12	15	18	45	135
Total		24	30	36	90	24	30	36	90	24	30	36	90	270

With an extra level of headers

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Table 4: My Table

			C								
			n			m			e		
			a	b	c	a	b	c	a	b	c
R	p	x	1	2	3	1	2	3	1	2	3
		y	4	5	6	4	5	6	4	5	6
		z	7	8	9	7	8	9	7	8	9
	q	x	1	2	3	1	2	3	1	2	3
		y	4	5	6	4	5	6	4	5	6
		z	7	8	9	7	8	9	7	8	9

Empty Pivot 1

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Table 5: My Table

(no data)

Empty Pivot 2

...

Table 6: My Table

(no data)

Just rows

...

Table 7: My Table

Arriva Trains Wales	
CrossCountry	
London Midland	
Virgin Trains	
Total	

Just columns

...

Table 8: My Table

	Express Passenger	Ordinary Passenger	Total

Rows and columns

...

Table 9: My Table

	Express Passenger	Ordinary Passenger	Total
Arriva Trains Wales			
CrossCountry			
London Midland			
Virgin Trains			
Total			

Rows, columns and a measure

...

Table 10: My Table

	Express Passenger	Ordinary Passenger	Total
Arriva Trains Wales	3079	830	3909
CrossCountry	22865	63	22928
London Midland	14487	33792	48279
Virgin Trains	8594		8594
Total	49025	34685	83710

Styling headers

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Table 11: Bold Headings

	Express Passenger	Ordinary Passenger	Total
Arriva Trains Wales	3079	830	3909
CrossCountry	22865	63	22928
London Midland	14487	33792	48279
Virgin Trains	8594		8594
Total	49025	34685	83710

Rows, columns and two measures

...

Table 12: Italic Headings

	<i>Express Passenger</i>	<i>Ordinary Passenger</i>	<i>Total</i>
<i>Arriva Trains Wales</i>	3079	830	3909
<i>CrossCountry</i>	22865	63	22928
<i>London Midland</i>	14487	33792	48279
<i>Virgin Trains</i>	8594		8594
<i>Total</i>	49025	34685	83710

Table 13: Bold and Italic Headings

	<i>Express Passenger</i>	<i>Ordinary Passenger</i>	<i>Total</i>
<i>Arriva Trains Wales</i>	3079	830	3909
<i>CrossCountry</i>	22865	63	22928
<i>London Midland</i>	14487	33792	48279
<i>Virgin Trains</i>	8594		8594
<i>Total</i>	49025	34685	83710

Table 14: My Table

	Express Passenger		Ordinary Passenger		Total	
	TotalTrains	MaxSchedSpeed	TotalTrains	MaxSchedSpeed	TotalTrains	MaxSchedSpeed
Arriva Trains Wales	3079	90	830	90	3909	90
CrossCountry	22865	125	63	100	22928	125
London Midland	14487	110	33792	100	48279	110
Virgin Trains	8594	125			8594	125
Total	49025	125	34685	100	83710	125

Rows, columns and two measures on rows

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Table 15: My Table

		Express Passenger	Ordinary Passenger	Total
Arriva Trains Wales	TotalTrains	3079	830	3909
	MaxSchedSpeed	90	90	90
CrossCountry	TotalTrains	22865	63	22928
	MaxSchedSpeed	125	100	125
London Midland	TotalTrains	14487	33792	48279
	MaxSchedSpeed	110	100	110
Virgin Trains	TotalTrains	8594		8594
	MaxSchedSpeed	125		125
Total	TotalTrains	49025	34685	83710
	MaxSchedSpeed	125	100	125

Rows, columns and a calculated measure

...

Table 16: My Table

	Trains Arr. 5+ Mins Late	Total Trains	% Trains Arr. 5+ Mins Late
Arriva Trains Wales	372	3909	9.5 %
CrossCountry	2780	22928	12.1 %
London Midland	3561	48279	7.4 %
Virgin Trains	770	8594	9.0 %
All TOCs	7483	83710	8.9 %

Just a total (on columns)

...

Table 17: My Table

	TotalTrains
	83710

Two totals (on columns)

...

Table 18: My Table

	TotalTrains1	TotalTrains2
	83710	83710

Multiple levels (on columns) but no rows

...

Table 19: My Table

	C								
	n			m			e		
	a	b	c	a	b	c	a	b	c
	24	30	36	24	30	36	24	30	36

Multiple levels (on columns) but no rows with the calculation on rows

...

Just a total (on rows)

...

Table 20: My Table

	C								
	n			m			e		
	a	b	c	a	b	c	a	b	c
V	24	30	36	24	30	36	24	30	36

Table 21: My Table

TotalTrains	83710

Two totals (on rows)

...

Table 22: My Table

TotalTrains1	83710
TotalTrains2	83710

Multiple levels (on rows) but no columns

...

Table 23: My Table

R	p	x	18
		y	45
		z	72
	q	x	18
		y	45
		z	72

Multiple levels (on rows) but no columns, with the calculations on columns

...

Rows, columns and a measure, split in various ways

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Table 24: My Table

			V
R	p	x	18
		y	45
		z	72
	q	x	18
		y	45
		z	72

Table 25: Whole Table

	Express Passenger	Ordinary Passenger	Total
Arriva Trains Wales	3079	830	3909
CrossCountry	22865	63	22928
London Midland	14487	33792	48279
Virgin Trains	8594		8594
Total	49025	34685	83710

Table 26: Rows 1-3

	Express Passenger	Ordinary Passenger	Total
Arriva Trains Wales	3079	830	3909
CrossCountry	22865	63	22928
London Midland	14487	33792	48279

Table 27: Rows 4-5

	Express Passenger	Ordinary Passenger	Total
Virgin Trains	8594		8594
Total	49025	34685	83710

Table 28: Col 1

	Express Passenger
Arriva Trains Wales	3079
CrossCountry	22865
London Midland	14487
Virgin Trains	8594
Total	49025

Table 29: Cols 2-3

	Ordinary Passenger	Total
Arriva Trains Wales	830	3909
CrossCountry	63	22928
London Midland	33792	48279
Virgin Trains		8594
Total	34685	83710

Table 30: Rows 1-2, Cols 1-2

	Express Passenger	Ordinary Passenger
Arriva Trains Wales	3079	830
CrossCountry	22865	63

Table 31: Rows 1-2, Col 3

	Total
Arriva Trains Wales	3909
CrossCountry	22928

Table 32: Rows 3-5, Cols 1-2

	Express Passenger	Ordinary Passenger
London Midland	14487	33792
Virgin Trains	8594	
Total	49025	34685

Table 33: Rows 3-5, Col 3

	Total
London Midland	48279
Virgin Trains	8594
Total	83710