$C_{1} = C_{1} = C_{1$ 

E hibi 1:1 em i <sup>-</sup> he TIMSS 2011 Teache Feel C de <sup>-</sup> Teachi g Thei Scie ce Cla Scale, F <sup>-</sup> h G ade

l ēachig cie ceā hicla, h c deā d feelād	l <sup>-</sup> hefll i	i <b>g</b> ?	
	Ve C de -	Smeha Cde <sup></sup>	N - C de -
1) Answer students' questions about science	A —	— A —	—À
2) Explain science concepts or principles by doing science experim	nents A —	— A —	—Α
3) Provide challenging tasks for capable students	A	— A —	A
4) Adapt my teaching to engage students' interest	A	— A —	A
5) Help students appreciate the value of learning science	A —	— A —	

ATBS02A	-0.93866
ATBS02B	-0.06074
ATBS02C	0.59684
ATBS02D	-1.02512
ATBS02E	-1.44922

and "Not Con dent" were combined because there were very few refere

## E hibi 6: Rela i hi Be ee he TIMSS 2011 C de ce i Teachi g Scie ce Scale, F h G ade, a d TIMSS 2011 Scie ce Achie eme

с -			A A A A A A A A A A A A A A A A A A A		
		(2)	B ( <sup>2</sup> )		
Armenia	0.02	0.00	0.00		
Australia	0.05	0.00	0.00		
Austria	-0.04	0.00	0.00		
Azerbaijan	0.08	0.01	0.00		
Bahrain	0.06	0.00	0.00		
Belgium (Flemish)	0.02	0.00	0.00		
Chile	0.03	0.00	0.00		
Chinese Taipei	0.06	0.00	0.00		
Croatia	-0.03	0.00	0.00		
Czech Republic	0.04	0.00	0.00		
Denmark	0.02	0.00	0.00		
England	0.10	0.01	0.00		
Finland	0.04	0.00	0.00		
Georgia	0.01	0.00	0.00		
Germany	-0.04	0.00	0.00		
Hong Kong SAR	-0.15	0.02	0.01		
Hungary	-0.08	0.01	0.00		
Iran, Islamic Rep. of	0.03	0.00	0.00		
Ireland	0.08	0.01	0.01		
Italy	0.02	0.00	0.00		
Japan	-0.01	0.00	0.00		
Kazakhstan	0.06	0.00	0.00		
Korea, Rep. of	0.02	0.00	0.00		
Kuwait	0.07	0.01	0.00		
Lithuania	-0.01	0.00	0.00		
Malta	0.04	0.00	0.00		
Morocco	0.08	0.01	0.01		
Netherlands	0.08	0.01	0.00		
New Zealand	0.05	0.00	0.00		
Northern Ireland	0.01	0.00	0.00		
Norway	-0.02	0.00	0.00		
Oman	0.05	0.00	0.00		
Poland	0.03	0.00	0.00		
Portugal	0.03	0.00	0.00		
Qatar	0.05	0.00	0.00		
Romania	-0.11	0.01	0.01		
Russian Federation	0.02	0.00	0.00		
Saudi Arabia	0.17	0.03	0.01		

Be	ee 🧧 he TIMSS 201	1C de	e ce i	Teachi	g Scie	ce Scale,
, a	d TIMSS 2011 Scie	ce Achie	eme -	(C <sup>-</sup> i	ed)	

