## **Subjective Numeracy Scale (SNS)**

The Subjective Numeracy Scale (SNS) is a self-report measure of perceived ability to perform various mathematical tasks and preference for the use of numerical versus prose information. The 8-item scale contains no mathematics questions and has no correct or incorrect answers. Instead, it consists of 4 questions asking respondents to assess their numerical ability in different contexts and 4 questions asking them to state their preferences for the presentation of numerical and probabilistic information. The SNS is both reliable and highly correlated with the Lipkus, Samsa & Rimer (2001) numeracy measure, and it has been validated in both risk communication and utility elicitation domains.

## **Scoring Instructions:**

All questions scored as marked (1-6) except Question 7 which is reverse coded (6-1).

**SNS:** Average rating across all 8 questions (w/ Q7 reverse coded)

SNS ability subscale: Average rating on Questions 1-4

SNS preference subscale: Average rating on Questions 5-8 (w/ Q7 reverse coded)

## To cite the scale, please use the following reference:

Fagerlin, A., Zikmund-Fisher, B.J., Ubel, P.A., Jankovic, A., Derry, H.A., & Smith, D.M. Measuring numeracy without a math test: Development of the Subjective Numeracy Scale (SNS). *Medical Decision Making*, 2007: 27: 672-680.

## In any discussions about the validation of the scale, please use the following reference:

Zikmund-Fisher, B.J., Smith, D.M., Ubel, P.A., Fagerlin, A. Validation of the subjective numeracy scale (SNS): Effects of low numeracy on comprehension of risk communications and utility elicitations. *Medical Decision Making*, 2007: 27: 663-671.

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1 How good	are you at wor	king with fraction	ne?		
	$\square_2$		лів: □ <sub>4</sub>	$\square_5$	$\square_6$
Not at all good	<b>—</b> 2	_3	<del>_</del> 4	_5	Extremely good
2. How good	are you at wor	king with perce	ntages?		
	$\square_2$	$\square_3$	$\square_4$	$\square_5$	$\square_6$
Not at all good					Extremely good
3. How good are you at calculating a 15% tip?					
$\square_1$	$\square_2$	$\square_3$	$\square_4$	$\square_5$	$\square_6$
Not at all good					Extremely good
4. How good	are you at figu	ring out how m	uch a shirt will o	cost if it is 25%	% off?
$\square_1$	$\square_2$	$\square_3$	$\square_4$	$\square_5$	$\square_6$
Not at all good					Extremely good
For each of th	e following que	estions, please	check the box th	nat <b>best refle</b>	cts your answer:
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5. When read					
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