

Supplementary Materials for:

The Satisfaction with Life Scale in Adolescent Samples: Measurement Invariance across 24
Countries and Regions, Age, and Gender

Table A1*SWLS Translations*

| Country | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 |
|-------------------------|--|---|--------------------------------|--|--|
| (Language) | | | | | |
| Argentina (Spanish) | En la mayoría de los sentidos, mi vida está cerca de mis ideales | Las condiciones de mi vida son excelentes | Estoy satisfecho con mi vida | Hasta ahora, he obtenido las cosas importantes de la vida que siempre quise | Si tuviera que vivir mi vida de nuevo, no cambiaría nada |
| Bulgaria (Bulgarian) | Животът ми се доближава до идеала, който имам | Условията ми на живот са отлични | Доволен/-на съм от живота си | До момента съм постигнал/-а важните неща, към които съм се стремил/-а в живота | Ако можех отново да изживея живота си, не бих променил/-а почти нищо |
| China (Chinese) | 我的生活大多数方面都接近于我的理想。 | 我的生活条件很好。 | 我对我的生活是满意的。 | 迄今为止，我已得到了在生活中我想要的重要的东西。 | 假如我能再活一次，我基本上不会作任何改变。 |
| Finland (Finnish) | Suurimmalta osin elämäni on lähellä ihannettani. | Olosuhteet elämässäni ovat erinomaiset. | Olen tyytyväinen elämääni. | Tähän mennessä olen saavuttanut elämässäni tärkeät asiat. | Jos voisin elää elämäni uudelleen, en muuttaisi juuri mitään. |
| Hong Kong (Chinese) | 我的生活大致符合我的理想 | 我的生活狀況非常圓滿 | 我滿意自己的生活 | 直到現在為止，我都能夠得到我在生活上希望擁有的東西 | 如果我能從新活過，差不多沒有東西我想改變 |
| Hungary (Hungarian) | Az életem a legtöbb tekintetben közel van az ideálishoz. | Az életkörülményeim kitűnőek. | Elégedett vagyok az életemmel. | Eddig minden fontosat megkaptam az életben, amit csak akartam. | Ha újra leélhetném az életem, szinte semmin sem változtatnék |
| India (Hindi) | अधिकतर मायनों में मेरा | मेरे जीवन की | मैं अपने जीवन से | मैंने जीवन में अभी तक जिन चीज़ों की | यदि मैं अपना पूरा जीवन जी सका/सकी तो |

| Country (Language) | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 |
|---------------------------|--|--|--|--|--|
| | जीवन लगभग मेरे आदर्श (Ideal) जीवन के करीब है। | परिस्थितियाँ उत्तम (Excellent) है। | संतुष्ट हूँ। | इच्छा की है वे मुझे मिली है। | मैं उसमें लगभग कोई परिवर्तन नहीं करूँगा/करूँगी। |
| Indonesia (Indonesian) | Dalam banyak hal, hidup saya terasa dekat dengan yang saya cita-citakan. | Kondisi hidup saya sangat baik. | Saya puas dengan hidup saya. | Sejauh ini, saya sudah mendapatkan hal-hal penting yang saya inginkan dalam hidup. | Jika saya bisa mengulang lagi hidup saya, hampir tidak ada yang akan saya ubah. |
| Italy (Italian) | Sotto molti aspetti, la mia vita si avvicina al mio ideale | Le condizioni della mia vita sono eccellenti | Sono soddisfatto/a della mia vita | Finora ho ottenuto le cose importanti che voglio nella vita | Se potessi rivivere la mia vita, non cambierei quasi niente |
| Japan (Japanese) | 大体において、私の人 生は理想に近い。 | 私の人生は、すばら しい状態である。 | 私は、私の人生に 満足している。 | 私はこれまでの人生の中で、こ うしたいと思った重要なことは なしとげてきた。 | 人生をもう度やりなおせたと して、変えたいことはほとんどな い。 |
| Lithuania (Lithuanian) | Mano gyvenimas artimas idealiam | Mano gyvenimo sąlygos puikios | Aš patenkintas (-a) savo gyvenimu | Gyvenime aš kol kas pasiekiau svarbių dalykų, kurių norėjau | Jeigu aš galėčiau gyventi iš naujo, beveik nieko nekeisčiau |
| Malaysia (Malay) | Dalam kebanyakan perkara, kehidupan saya hampir sempurna. | Keadaan hidup saya adalah sangat baik. | Saya berpuas hati dengan kehidupan saya. | Setakat ini, saya telah memperolehi perkara penting yang saya inginkan dalam hidup saya. | Sekiranya saya boleh hidup dalam kehidupan saya, saya tidak mempunyai apa-apa yang perlu diubah. |
| Poland (Polish) | Pod względem większości spraw moje życie jest bliskie ideału | Moje warunki życiowe są doskonałe | Jestem zadowolony ze swojego życia | Jak dotąd uzyskuję w życiu to, co dla mnie ważne | Gdybym miał jeszcze jedno życie prawie niczego bym nie zmieniał(a). |

| Country (Language) | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 |
|---------------------------|--|---|--|---|---|
| Portugal (Portuguese) | Em muitos aspectos a minha vida aproxima-se dos meus ideais. | As condições da minha vida são excelentes. | Estou satisfeito(a) com a minha vida. | Até agora consegui obter aquilo que era importante na vida. | Se pudesse viver a minha vida de novo, não mudaria quase nada. |
| Romania (Romanian) | În general, viața mea este aproape de idealul meu | Condițiile vieții mele sunt excelente | Sunt satisfăcut(ă) de viața mea | Până acum am obținut lucrurile importante pe care mi le-am dorit în viață | Dacă mi-aș putea trăi din nou viața, nu aș schimba aproape nimic |
| Russia (Russian) | В основном моя жизнь близка к идеалу | Обстоятельства моей жизни исключительно благоприятны | Я полностью удовлетворён моей жизнью | У меня есть в жизни то, что мне по-настоящему нужно | Если бы мне пришлось жить ещё раз, я бы оставил все как есть |
| Serbia (Serbian) | U većini oblasti, moj život je blizak idealnom | Uslovi mog života su odlični | Zadovoljan sam svojim životom | Do sada sam dobio važne stvari koje sam želeo od života | Kada bi živeo svoj život ponovo, ne bi promenio skoro ništa |
| South Africa (English) | In most ways my life is close to my ideal | The conditions of my life are excellent | I am satisfied with my life | So far I have gotten the important things I want in life | If I could live my life over, I would change almost nothing |
| South Korea (Korean) | 전반적으로 나의 인생은 내가 이상적으로 여기는 모습에 가깝다 | 내 인생의 여건은 아주 좋은 편이다 | 나는 나의 삶에 만족한다 | 지금까지 나는 내 인생에서 원하는 중요한 것들을 이루어냈다 | 다시 태어난다 해도, 나는 지금처럼 살아갈 것이다 |
| Spain (Spanish) | En la mayoría de aspectos, | Las circunstancias de | Estoy satisfecho con | Hasta ahora he conseguido de la | Si pudiera vivir mi vida otra vez no |

| Country (Language) | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 |
|-----------------------------|--|--|--------------------------------------|--|--|
| | mi vida es como yo quiero que sea | mi vida son muy buenas | mi vida | vida las cosas que considero importantes | cambiaría casi nada |
| Switzerland (Italian) | Sotto molti aspetti, la mia vita si avvicina al mio ideale | Le condizioni della mia vita sono eccellenti | Sono soddisfatto/a della mia vita | Finora ho ottenuto le cose importanti che voglio nella vita | Se potessi rivivere la mia vita, non cambierei quasi niente |
| Taiwan (Chinese) | 在很多方面我的生活接 近我的理想狀態 | 我的生活環境非常地 棒 | 我對我的生活很滿 意 | 至今，我已經得到了我想要的我 生活當中重要的東西 | 如果我能夠重新開始我的生活，我 不會改變什麼 |
| Turkey (Turkish) | Pek çok açıdan ideallerime yakın bir yaşamım var. | Yaşam koşullarım mükemmeldir. | Yaşamım beni tatmin ediyor. | Şimdiye kadar, yaşamda istediğim önemli şeyleri elde ettim. | Hayatımı bir daha yaşama şansım olsaydı, hemen hemen hiçbir şeyi değiştirmezdim. |
| United Kingdom (English) | In most ways my life is close to my ideal | The conditions of my life are excellent | I am satisfied with my life | So far I have gotten the important things I want in life | If I could live my life over, I would change almost nothing |

Table A2*Descriptive Statistics and Reliability Broken Down by Country and Region*

| Country | SWLS1 | SWLS2 | SWLS3 | SWLS4 | SWLS5 | ω | α |
|--------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| | M (SD) | M (SD) | M (SD) | M (SD) | M (SD) | | |
| Argentina | 4.73 (1.47) | 5.00 (1.72) | 5.37 (1.75) | 4.87 (1.76) | 4.26 (2.20) | .77 | .76 |
| Bulgaria | 4.09 (1.82) | 4.33 (1.88) | 4.52 (1.86) | 4.04 (1.83) | 3.89 (1.94) | .91 | .90 |
| China | 4.38 (1.37) | 4.75 (1.26) | 4.93 (1.38) | 4.04 (1.57) | 3.61 (1.71) | .81 | .80 |
| Finland | 4.82 (1.46) | 5.26 (1.37) | 5.33 (1.36) | 4.60 (1.56) | 4.23 (1.85) | .89 | .87 |
| Hong Kong | 4.39 (1.48) | 4.40 (1.51) | 4.50 (1.52) | 4.40 (1.55) | 3.74 (1.73) | .93 | .92 |
| Hungary | 4.67 (1.57) | 5.40 (1.42) | 4.99 (1.64) | 5.14 (1.60) | 4.08 (2.01) | .83 | .81 |
| India | 4.83 (1.70) | 4.59 (1.83) | 5.16 (1.88) | 4.54 (1.94) | 3.59 (2.25) | .74 | .71 |
| Indonesia | 4.83 (1.32) | 5.02 (1.43) | 4.66 (1.52) | 4.61 (1.39) | 3.15 (1.80) | .76 | .73 |
| Italy | 4.40 (1.46) | 4.64 (1.43) | 5.08 (1.45) | 4.50 (1.58) | 4.25 (2.05) | .83 | .81 |
| Japan | 3.67 (1.52) | 3.81 (1.56) | 4.26 (1.65) | 4.05 (1.46) | 3.18 (1.77) | .86 | .84 |
| Lithuania | 4.39 (1.59) | 5.31 (1.43) | 5.26 (1.54) | 4.80 (1.57) | 4.44 (1.92) | .90 | .90 |
| Malaysia | 4.82 (1.36) | 5.13 (1.40) | 5.27 (1.44) | 4.89 (1.51) | 4.46 (1.72) | .84 | .83 |
| Poland | 3.77 (1.25) | 4.13 (1.25) | 4.34 (1.37) | 4.35 (1.21) | 3.62 (1.58) | .89 | .88 |
| Portugal | 4.74 (1.34) | 5.53 (1.28) | 5.33 (1.36) | 4.85 (1.48) | 4.31 (1.92) | .83 | .81 |
| Romania | 5.08 (1.62) | 5.19 (1.45) | 5.46 (1.43) | 5.15 (1.58) | 4.78 (1.91) | .81 | .79 |
| Russia | 3.56 (1.37) | 4.12 (1.42) | 3.58 (1.48) | 4.46 (1.75) | 3.42 (1.91) | .81 | .79 |
| Serbia | 4.50 (1.43) | 5.47 (1.43) | 5.56 (1.38) | 4.11 (1.69) | 4.56 (1.88) | .83 | .82 |
| South Africa | 4.59 (1.49) | 4.90 (1.57) | 5.09 (1.59) | 4.84 (1.74) | 3.99 (2.05) | .81 | .80 |
| South Korea | 3.60 (1.44) | 4.07 (1.46) | 4.28 (1.52) | 3.77 (1.42) | 3.21 (1.84) | .87 | .86 |
| Spain | 4.50 (1.38) | 5.15 (1.38) | 5.34 (1.52) | 4.99 (1.58) | 4.71 (1.95) | .85 | .84 |
| Switzerland | 4.58 (1.43) | 4.99 (1.37) | 5.18 (1.35) | 4.93 (1.40) | 4.36 (1.80) | .88 | .87 |

| Country | SWLS1 | SWLS2 | SWLS3 | SWLS4 | SWLS5 | ω | α |
|----------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| | M (SD) | M (SD) | M (SD) | M (SD) | M (SD) | | |
| Taiwan | 4.14 (1.56) | 4.34 (1.59) | 4.73 (1.58) | 4.20 (1.64) | 3.72 (1.88) | .79 | .78 |
| Turkey | 4.53 (1.78) | 4.35 (1.64) | 4.40 (1.70) | 4.25 (1.76) | 3.59 (1.89) | .80 | .79 |
| United Kingdom | 4.22 (1.62) | 4.86 (1.53) | 4.78 (1.62) | 4.42 (1.72) | 3.59 (1.91) | .86 | .85 |

Note. ω = McDonald's omega reliability coefficient; α = Cronbach's alpha coefficient of reliability.

Table A3*Correlations between SWLS Items Broken Down by Country and Region*

| | Argentina | | | | Bulgaria | | | | China | | | |
|------|-----------|------|------|------|-----------|------|------|------|----------|------|------|------|
| Item | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| 1 | - | | | | - | | | | - | | | |
| 2 | .382 | - | | | .766 | - | | | .544 | - | | |
| 3 | .421 | .534 | - | | .755 | .817 | - | | .536 | .601 | - | |
| 4 | .316 | .431 | .503 | - | .654 | .680 | .703 | - | .447 | .395 | .496 | - |
| 5 | .270 | .306 | .424 | .347 | .485 | .530 | .572 | .540 | .398 | .299 | .356 | .552 |
| | Finland | | | | Hong Kong | | | | Hungary | | | |
| 1 | - | | | | - | | | | - | | | |
| 2 | .676 | - | | | .873 | - | | | .541 | - | | |
| 3 | .798 | .743 | - | | .850 | .901 | - | | .686 | .489 | - | |
| 4 | .640 | .480 | .639 | - | .707 | .744 | .767 | - | .472 | .514 | .571 | - |
| 5 | .506 | .457 | .532 | .543 | .562 | .589 | .583 | .601 | .355 | .236 | .535 | .426 |
| | India | | | | Indonesia | | | | Italy | | | |
| 1 | - | | | | - | | | | - | | | |
| 2 | .437 | - | | | .415 | - | | | .497 | - | | |
| 3 | .498 | .537 | - | | .369 | .613 | - | | .547 | .596 | - | |
| 4 | .364 | .403 | .490 | - | .391 | .433 | .495 | - | .454 | .470 | .577 | - |
| 5 | .191 | .172 | .175 | .218 | .168 | .188 | .273 | .343 | .400 | .344 | .494 | .441 |
| | Japan | | | | Lithuania | | | | Malaysia | | | |
| 1 | - | | | | - | | | | - | | | |
| 2 | .735 | - | | | .676 | - | | | .660 | - | | |
| 3 | .674 | .779 | - | | .707 | .734 | - | | .590 | .681 | - | |
| 4 | .460 | .466 | .482 | - | .684 | .551 | .695 | - | .466 | .447 | .474 | - |
| 5 | .434 | .446 | .453 | .310 | .598 | .490 | .622 | .663 | .432 | .428 | .451 | .432 |

| | Poland | | | | Portugal | | | | Romania | | | |
|---|-------------|------|------|------|----------|------|------|------|----------------|------|------|------|
| 1 | - | | | | - | | | | - | | | |
| 2 | .673 | - | | | .412 | - | | | .429 | - | | |
| 3 | .684 | .602 | - | | .606 | .552 | - | | .478 | .619 | - | |
| 4 | .622 | .590 | .739 | - | .535 | .404 | .615 | - | .418 | .464 | .523 | - |
| 5 | .568 | .478 | .591 | .583 | .381 | .363 | .477 | .498 | .366 | .348 | .440 | .413 |
| | Russia | | | | Serbia | | | | South Africa | | | |
| 1 | - | | | | - | | | | - | | | |
| 2 | .557 | - | | | .562 | - | | | .505 | - | | |
| 3 | .629 | .548 | - | | .637 | .597 | - | | .552 | .628 | - | |
| 4 | .422 | .280 | .462 | - | .481 | .319 | .444 | - | .408 | .412 | .399 | - |
| 5 | .407 | .379 | .431 | .366 | .477 | .388 | .544 | .419 | .431 | .427 | .429 | .343 |
| | South Korea | | | | Spain | | | | Switzerland | | | |
| 1 | - | | | | - | | | | - | | | |
| 2 | .542 | - | | | .532 | - | | | .598 | - | | |
| 3 | .578 | .586 | - | | .624 | .624 | - | | .672 | .708 | - | |
| 4 | .616 | .544 | .651 | - | .517 | .438 | .608 | - | .599 | .633 | .712 | - |
| 5 | .490 | .467 | .600 | .610 | .444 | .413 | .563 | .542 | .469 | .457 | .564 | .573 |
| | Taiwan | | | | Turkey | | | | United Kingdom | | | |
| 1 | - | | | | - | | | | - | | | |
| 2 | .479 | - | | | .638 | - | | | .643 | - | | |
| 3 | .493 | .668 | - | | .430 | .508 | - | | .703 | .590 | - | |
| 4 | .427 | .391 | .491 | - | .451 | .485 | .441 | - | .529 | .438 | .612 | - |
| 5 | .294 | .279 | .329 | .395 | .295 | .368 | .338 | .459 | .521 | .422 | .496 | .494 |

Table A4

Differences in Fit Indices Between the Original Model and the Model with Residuals of Items 4 and 5 Correlated

| Country | CFI | TLI | RMSEA | SRMR | χ^2 | p-value |
|--------------|-------|-------|-------|-------|----------|---------|
| Argentina | .000 | -.000 | .000 | -.001 | .8 | .386 |
| Bulgaria | .006 | .010 | -.022 | -.008 | 8.9 | .003 |
| China | .084 | .158 | -.072 | -.031 | 84.8 | .000 |
| Finland | .022 | .037 | -.035 | -.015 | 12.9 | .000 |
| Hong Kong | .014 | .026 | -.034 | -.018 | 85.7 | .000 |
| Hungary | .004 | -.029 | .012 | -.002 | 3.4 | .067 |
| India | .000 | .012 | .000 | -.006 | 2.7 | .099 |
| Indonesia | .034 | .055 | -.028 | -.014 | 30.6 | .000 |
| Italy | .003 | .002 | -.003 | -.003 | 4.3 | .039 |
| Japan | .001 | -.002 | .003 | -.002 | 2.0 | .153 |
| Lithuania | .019 | .025 | -.019 | -.009 | 19.1 | .000 |
| Malaysia | .013 | .023 | -.026 | -.013 | 10.6 | .001 |
| Poland | -.003 | -.018 | .016 | -.001 | .4 | .509 |
| Portugal | .013 | .024 | -.030 | -.009 | 9.1 | .003 |
| Romania | .005 | .011 | -.023 | -.005 | 2.9 | .091 |
| Russia | .008 | .007 | -.005 | -.006 | 14.1 | .000 |
| Serbia | .006 | .001 | -.001 | -.005 | 8.3 | .004 |
| South Africa | .001 | -.001 | .001 | -.001 | 1.8 | .178 |
| South Korea | .002 | .001 | -.001 | -.003 | 2.1 | .143 |

| Country | CFI | TLI | RMSEA | SRMR | χ^2 | p-value |
|----------------|------|------|-------|-------|----------|---------|
| Spain | .017 | .030 | -.031 | -.011 | 27.8 | .000 |
| Switzerland | .006 | .021 | -.041 | -.009 | 6.6 | .010 |
| Taiwan | .034 | .058 | -.032 | -.015 | 44.2 | .000 |
| Turkey | .041 | .076 | -.047 | -.016 | 37.3 | .000 |
| United Kingdom | .009 | .009 | -.008 | -.007 | 17.0 | .000 |

Note. Scaled fit indices.

Table A5*Country-wise CFAs (Sorted by RMSEA)*

| | CFI | TLI | RMSEA | SRMR | χ^2 | p-value |
|--------------|-------|-------|-------|------|----------|---------|
| Argentina | 1.000 | 1.005 | .000 | .011 | 3.1 | .548 |
| Switzerland | 1.000 | 1.009 | .000 | .007 | 1.8 | .765 |
| India | 1.000 | 1.015 | .000 | .011 | 1.9 | .754 |
| Romania | 1.000 | .999 | .007 | .015 | 4.1 | .393 |
| Bulgaria | .998 | .995 | .030 | .009 | 7.1 | .132 |
| Portugal | .996 | .990 | .037 | .013 | 6.9 | .142 |
| South Africa | .995 | .987 | .037 | .015 | 8.7 | .070 |
| Malaysia | .994 | .986 | .042 | .015 | 8.5 | .075 |
| Hong Kong | .995 | .987 | .045 | .006 | 31.8 | < .001 |
| South Korea | .994 | .985 | .046 | .015 | 7.7 | .105 |
| Italy | .993 | .982 | .048 | .015 | 12.1 | .017 |
| Spain | .993 | .982 | .048 | .014 | 15.5 | < .001 |
| Japan | .993 | .982 | .048 | .012 | 15.2 | .004 |
| Turkey | .987 | .967 | .057 | .023 | 14.7 | < .001 |
| China | .981 | .953 | .066 | .023 | 26.1 | < .001 |
| Russia | .982 | .956 | .069 | .021 | 33.6 | < .001 |
| Taiwan | .978 | .946 | .072 | .025 | 3.1 | < .001 |
| Indonesia | .973 | .934 | .078 | .024 | 27.2 | < .001 |

| | CFI | TLI | RMSEA | SRMR | χ^2 | p-value |
|----------------|------|------|-------|------|----------|---------|
| Finland | .986 | .965 | .080 | .018 | 12.7 | .013 |
| Serbia | .978 | .945 | .082 | .022 | 3.3 | < .001 |
| United Kingdom | .982 | .955 | .088 | .019 | 37.7 | < .001 |
| Lithuania | .975 | .936 | .105 | .024 | 29.9 | < .001 |
| Poland | .974 | .936 | .108 | .023 | 22.3 | < .001 |
| Hungary | .927 | .817 | .141 | .043 | 5.4 | < .001 |

Note. Scaled fit indices. The model has 4 degrees of freedom.

Table A6*Score Test for Releasing Across-Group Equality Constraints of Factor Loadings*

| Constrained parameter | Aggregated χ^2 (step 1) | Aggregated χ^2 (step 2) |
|--------------------------|------------------------------|------------------------------|
| Factor loading on item 1 | 116.6 | 179.1 |
| Factor loading on item 2 | 264.8 | Free |
| Factor loading on item 4 | 143.0 | 121.6 |
| Factor loading on item 5 | 171.2 | 147.7 |

Table A7*Score Test for Releasing Across-Group Equality Constraints of Item Intercepts*

| Constrained parameter | Aggregated χ^2 (step 1) | Aggregated χ^2 (step 2) |
|-----------------------|------------------------------|------------------------------|
| Item 1 intercept | 380.7 | free |
| Item 2 intercept | 91.8 | 74.0 |
| Item 3 intercept | 299.9 | 136.0 |
| Item 4 intercept | 246.4 | 304.3 |
| Item 5 intercept | 76.4 | 68.0 |

Table A8*Measurement Invariance Tests across Gender Computed within Each Country and Region*

| | CFI | Δ CFI ^a | TLI | Δ TLI | RMSEA | Δ RMSEA | SRMR | Δ SRMR |
|------------------|-------|---------------------------|-------|--------------|-------|----------------|------|---------------|
| Argentina | | | | | | | | |
| Configural | 1.000 | | 1.010 | | .000 | | .017 | |
| Metric | 1.000 | .000 | 1.005 | -.005 | .000 | .000 | .030 | .014 |
| Scalar | .998 | -.002 | .997 | -.007 | .014 | .014 | .036 | .005 |
| Bulgaria | | | | | | | | |
| Configural | .997 | | .993 | | .034 | | .012 | |
| Metric | .996 | -.001 | .994 | .001 | .034 | .000 | .022 | .010 |
| Scalar | .995 | -.001 | .993 | .001 | .034 | .000 | .025 | .003 |
| China | | | | | | | | |
| Configural | .985 | | .963 | | .058 | | .023 | |
| Metric | .983 | -.003 | .971 | .008 | .052 | -.007 | .032 | .010 |
| Scalar | .970 | -.013 | .962 | -.009 | .059 | .008 | .040 | .008 |
| Finland | | | | | | | | |
| Configural | .989 | | .973 | | .075 | | .020 | |
| Metric | .984 | -.005 | .974 | .001 | .073 | -.002 | .061 | .042 |
| Scalar | .984 | .000 | .980 | .006 | .064 | -.009 | .062 | .001 |
| Hong Kong | | | | | | | | |
| Configural | .994 | | .986 | | .048 | | .006 | |
| Metric | .994 | -.001 | .989 | .003 | .042 | -.006 | .009 | .003 |
| Scalar | .989 | -.004 | .986 | -.003 | .048 | .005 | .016 | .007 |
| Hungary | | | | | | | | |
| Configural | .928 | | .821 | | .138 | | .043 | |

| | CFI | Δ CFI ^a | TLI | Δ TLI | RMSEA | Δ RMSEA | SRMR | Δ SRMR |
|------------|-------|---------------------------|-------|--------------|-------|----------------|------|---------------|
| Metric | .923 | -.005 | .872 | .051 | .117 | -.021 | .057 | .014 |
| Scalar | .917 | -.007 | .896 | .024 | .105 | -.011 | .058 | .001 |
| India | | | | | | | | |
| Configural | 1.000 | | 1.024 | | .000 | | .016 | |
| Metric | 1.000 | .000 | 1.006 | -.018 | .000 | .000 | .038 | .021 |
| Scalar | .969 | -.031 | .961 | -.045 | .055 | .055 | .056 | .019 |
| Indonesia | | | | | | | | |
| Configural | .974 | | .934 | | .078 | | .024 | |
| Metric | .960 | -.014 | .933 | -.001 | .078 | .001 | .049 | .024 |
| Scalar | .954 | -.005 | .943 | .010 | .072 | -.006 | .052 | .003 |
| Italy | | | | | | | | |
| Configural | .996 | | .990 | | .036 | | .016 | |
| Metric | .994 | -.002 | .990 | .001 | .035 | -.001 | .028 | .012 |
| Scalar | .980 | -.015 | .974 | -.016 | .056 | .022 | .039 | .011 |
| Japan | | | | | | | | |
| Configural | .992 | | .981 | | .051 | | .014 | |
| Metric | .993 | .001 | .989 | .008 | .039 | -.012 | .016 | .001 |
| Scalar | .992 | -.001 | .991 | .002 | .036 | -.003 | .018 | .002 |
| Lithuania | | | | | | | | |
| Configural | .974 | | .936 | | .106 | | .024 | |
| Metric | .968 | -.007 | .946 | .010 | .097 | -.009 | .045 | .021 |
| Scalar | .946 | -.022 | .933 | -.014 | .109 | .012 | .054 | .009 |
| Malaysia | | | | | | | | |
| Configural | .996 | | .991 | | .034 | | .017 | |

| | CFI | Δ CFI ^a | TLI | Δ TLI | RMSEA | Δ RMSEA | SRMR | Δ SRMR |
|--------------|-------|---------------------------|-------|--------------|-------|----------------|------|---------------|
| Metric | .996 | -.001 | .993 | .002 | .030 | -.004 | .027 | .010 |
| Scalar | .998 | .002 | .997 | .004 | .020 | -.010 | .028 | .001 |
| Poland | | | | | | | | |
| Configural | .970 | | .926 | | .114 | | .027 | |
| Metric | .972 | .002 | .954 | .027 | .091 | -.024 | .033 | .005 |
| Scalar | .945 | -.027 | .931 | -.022 | .110 | .020 | .056 | .023 |
| Portugal | | | | | | | | |
| Configural | .999 | | .996 | | .022 | | .014 | |
| Metric | .990 | -.008 | .983 | -.013 | .047 | .024 | .045 | .031 |
| Scalar | .981 | -.009 | .976 | -.007 | .055 | .009 | .051 | .006 |
| Romania | | | | | | | | |
| Configural | 1.000 | | 1.005 | | .000 | | .018 | |
| Metric | .999 | -.001 | .999 | -.006 | .011 | .011 | .036 | .017 |
| Scalar | .989 | -.010 | .987 | -.012 | .033 | .022 | .041 | .006 |
| Russia | | | | | | | | |
| Configural | .983 | | .957 | | .068 | | .021 | |
| Metric | .978 | -.004 | .964 | .007 | .062 | -.006 | .031 | .010 |
| Scalar | .973 | -.005 | .967 | .003 | .060 | -.002 | .034 | .003 |
| Serbia | | | | | | | | |
| Configural | .979 | | .948 | | .079 | | .024 | |
| Metric | .978 | -.002 | .963 | .015 | .067 | -.012 | .035 | .011 |
| Scalar | .963 | -.015 | .954 | -.009 | .075 | .008 | .043 | .008 |
| South Africa | | | | | | | | |
| Configural | .998 | | .994 | | .024 | | .016 | |

| | CFI | Δ CFI ^a | TLI | Δ TLI | RMSEA | Δ RMSEA | SRMR | Δ SRMR |
|----------------|-------|---------------------------|-------|--------------|-------|----------------|------|---------------|
| Metric | .996 | -.002 | .993 | -.002 | .028 | .004 | .030 | .015 |
| Scalar | .992 | -.003 | .990 | -.002 | .032 | .004 | .035 | .004 |
| South Korea | | | | | | | | |
| Configural | 1.000 | | .999 | | .011 | | .016 | |
| Metric | .999 | -.001 | .998 | -.001 | .015 | .004 | .038 | .022 |
| Scalar | .992 | -.007 | .991 | -.008 | .037 | .021 | .044 | .006 |
| Spain | | | | | | | | |
| Configural | .996 | | .991 | | .035 | | .014 | |
| Metric | .998 | .002 | .997 | .006 | .019 | -.016 | .014 | .001 |
| Scalar | .985 | -.013 | .981 | -.016 | .049 | .031 | .028 | .014 |
| Switzerland | | | | | | | | |
| Configural | 1.000 | | 1.014 | | .000 | | .010 | |
| Metric | .997 | -.003 | .994 | -.019 | .029 | .029 | .051 | .040 |
| Scalar | .992 | -.005 | .990 | -.005 | .039 | .010 | .054 | .004 |
| Taiwan | | | | | | | | |
| Configural | .977 | | .943 | | .075 | | .027 | |
| Metric | .976 | -.001 | .960 | .017 | .062 | -.012 | .030 | .003 |
| Scalar | .974 | -.002 | .968 | .008 | .056 | -.007 | .032 | .002 |
| Turkey | | | | | | | | |
| Configural | .981 | | .952 | | .071 | | .027 | |
| Metric | .977 | -.004 | .961 | .009 | .064 | -.007 | .037 | .010 |
| Scalar | .979 | .002 | .974 | .012 | .053 | -.011 | .038 | .001 |
| United Kingdom | | | | | | | | |
| Configural | .984 | | .961 | | .084 | | .019 | |

| | CFI | Δ CFI ^a | TLI | Δ TLI | RMSEA | Δ RMSEA | SRMR | Δ SRMR |
|--------|------|---------------------------|------|--------------|-------|----------------|------|---------------|
| Metric | .982 | -.002 | .970 | .009 | .074 | -.010 | .028 | .009 |
| Scalar | .961 | -.021 | .951 | -.019 | .094 | .020 | .043 | .015 |

^aSmall inconsistencies between the fit indices values and their differences are due to rounding which was applied after calculation of differences.

Table A9*Estimated Parameters of Moderated Intercepts and Factor Loadings*

| | estimate | SE | <i>p</i> |
|--|----------|------|----------|
| The baseline model | | | |
| Life satisfaction regressed on age | -.016 | .029 | .577 |
| Variance of life satisfaction regressed on age | -.016 | .017 | .337 |
| Moderation of intercept 1 | | | |
| Life satisfaction regressed on age | -.015 | .028 | .588 |
| Variance of life satisfaction regressed on age | -.016 | .017 | .337 |
| Interaction of intercept of item 1 and age | -.003 | .015 | .864 |
| Moderation of intercept 2 | | | |
| Life satisfaction regressed on age | -.025 | .027 | .368 |
| Variance of life satisfaction regressed on age | -.016 | .017 | .335 |
| Interaction of intercept of item 2 and age | .042 | .021 | .042* |
| Moderation of intercept 3 | | | |
| Life satisfaction regressed on age | -.006 | .030 | .838 |
| Variance of life satisfaction regressed on age | -.016 | .017 | .336 |
| Interaction of intercept of item 3 and age | -.035 | .026 | .186 |
| Moderation of intercept 4 | | | |
| Life satisfaction regressed on age | -.015 | .030 | .602 |
| Variance of life satisfaction regressed on age | -.016 | .017 | .337 |
| Interaction of intercept of item 4 and age | -.004 | .025 | .858 |

| | estimate | SE | <i>p</i> |
|---|----------|------|----------|
| Moderation of intercept 5 | | | |
| Life satisfaction regressed on age | -.016 | .028 | .569 |
| Variance of life satisfaction regressed on age | -.016 | .017 | .337 |
| Interaction of intercept of item 5 and age | .005 | .018 | .801 |
| Moderation of factor loading 1 | | | |
| Life satisfaction regressed on age | -.025 | .027 | .366 |
| Variance of life satisfaction regressed on age | -.021 | .017 | .203 |
| Factor loading of item 1 | 1.181 | .046 | <.001* |
| Interaction of factor loading of item 1 and age | .015 | .011 | .199 |
| Interaction of intercept of item 2 and age | .042 | .021 | .042* |
| Moderation of factor loading 2 | | | |
| Life satisfaction regressed on age | -.024 | .027 | .379 |
| Variance of life satisfaction regressed on age | -.005 | .015 | .731 |
| Factor loading of item 2 | 1.251 | .054 | <.001* |
| Interaction of factor loading of item 2 and age | -.026 | .013 | .047* |
| Interaction of intercept of item 2 and age | .041 | .020 | .041* |
| Moderation of factor loading 3 | | | |
| Life satisfaction regressed on age | -.025 | .027 | .368 |
| Variance of Life satisfaction regressed on age | -.020 | .017 | .256 |
| Factor loading of item 3 | 1.384 | .036 | <.001* |
| Interaction of factor loading of item 3 and age | .007 | .012 | .575 |

| | estimate | SE | <i>p</i> |
|---|----------|------|----------|
| Interaction of intercept of item 2 and age | .042 | .021 | .042* |
| Moderation of factor loading 4 | | | |
| Life satisfaction regressed on age | -.025 | .027 | .368 |
| Variance of life satisfaction regressed on age | -.017 | .019 | .375 |
| Factor loading of item 4 | 1.066 | .053 | <.001* |
| Interaction of factor loading of item 4 and age | .004 | .018 | .823 |
| Interaction of intercept of item 2 and age | .042 | .021 | .042* |
| Moderation of factor loading 5 | | | |
| Life satisfaction regressed on age | -.025 | .027 | .369 |
| Variance of life satisfaction regressed on age | -.017 | .017 | .315 |
| Factor loading of item 5 | 1.076 | .046 | <.001* |
| Interaction of factor loading of item 5 and age | .009 | .015 | .579 |
| Interaction of intercept of item 2 and age | .042 | .021 | .042* |

Note. SE = standard error. * *p*-value < .05.

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